Electronic Engineering Data Standards

Deliverables and Symbology

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Foreword

The *Electronic Engineering Data Standards Manual* defines standards and procedures for preparing delivering electronic engineering data created for the Washington State Department of Transportation (WSDOT) during location survey, design, PS&E and construction phases of highway projects. These standards shall be used in the preparation and delivery of all electronic deliverables defined within, and they apply to projects delivered by WSDOT staff and consulting firms, unless otherwise approved by a WSDOT Project Development Engineer.

The purpose of these standards and procedures is to promote uniformity and consistency across WSDOT so that project data can be effectively managed during the project development phase and to ensure its value for those in future phases such as construction, who need to make use of electronic data that was originally created by someone else.

The instructions in this manual are not intended to preclude judgment of the project manager in the event of special or unique circumstances that would make following these standards less efficient for delivery of a specific project.

This manual contains two sections: *Deliverables* and *Symbology*.

This manual will be updated on a continuing basis, with revisions issued periodically. The current version is available electronically on the WSDOT Engineering Publications and the WSDOT CAE websites. Suggestions for improvements are welcome.

Please send any comments or suggestions to the WSDOT CAE Help Desk (hqcaehelpdesk@wsdot.wa.gov).

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D1.01 General

WSDOT has developed software resources to support Agency specific standards and deliverable requirements related to the drafting, design, construction, and survey disciplines. These resources provide a standard element list with associated symbology and productivity tools that support the WSDOT Plans Preparation Manual and this manual. WSDOT standard resources for the CONNECT platform are only available and maintained within the WSDOT ProjectWise environment via Managed Workspaces.

All deliverables will use the most current set of WSDOT resources as managed by WSDOT ProjectWise Managed Workspaces.

D1.02 Applications

The WSDOT standard Computer Aided Drafting and Design (CADD) platform is Bentley Systems.

See the WSDOT Computer Aided Engineering website for acceptable deliverable file format and versions.

D1.03 WSDOT Resources and Related Standards

The WSDOT CAE ProjectWise Managed Workspace(s) provides files and electronic resources organized under a master resource folder. The master resource folder contains all the electronic resources necessary to support WSDOT survey, roadway engineering, Plans, Specifications, and Estimates (PS&E), and Right of Way contract plan set development and deliverables.

Periodic resource updates and bug fixes are reviewed for impact to production and deployed in a controlled manner through the managed workspace environment. All applicable users will see the change the next time they open a DGN file after the deployment takes place.

This section describes the purpose and contents of primary resources in the WSDOT environment for all major disciplines. Additional discipline specific resources will be covered in their respective sections of this manual.

D1.03(1) Asset Management

This section will be updated in the future when this function is incorporated into the WSDOT environment.

D1.03(2) Cell Libraries

Cells can be simple or complex graphics placed as point symbology for all disciplines. From single feature symbology in base plans to legends, schedules, and details in sheets, they are compiled into libraries with CEL file extension.

The native size of a cell accommodates the standard at *Full Size* 1=1 on a sheet.

CONNECT utilizes annotation cells. This means that the cell will adhere to\apply the assigned drawing scale set in the current model. It is not static across models. A design model might display a cell at 1" = 50' for ease of work while that same cell may be referenced to a sheet model at a detail scale of 1" = 100'.

Exceptions to this behavior are *True-size* cells. These cells are always the actual ground size of the objects they represent. Examples of true-size (also referred to as non-scalable) cells include many of the painted pavement markings such as the HOV symbol and RR crossing symbol and 3D Models such as Catch Basins, will reflect the true ground size regardless of plotting scale. True-size cells are flagged in the Symbology 4 and 5 sections of this manual.

All standard cells are available via the WSDOT ProjectWise environment. See D1.04 of this manual for project-specific considerations.

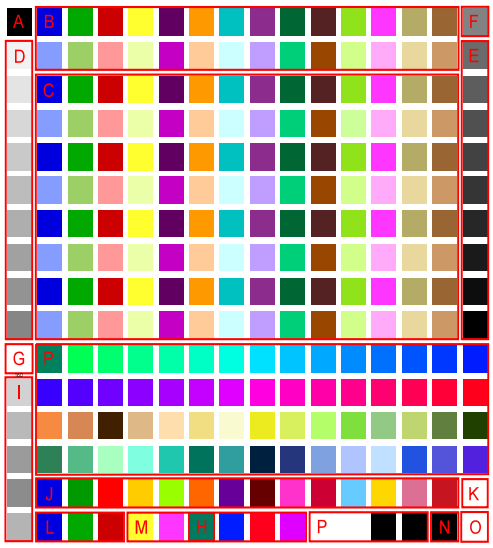
D1.03(3) Color Tables

By default, the standard WSDOT color table *WSDOT_Color.tbl* is attached to the provided WSDOT seed files.

Do not manually assign color using the *True Color* or *Color Books* options. These utilize methods to define the color (RGB or user defined color) that will not work with other processes like color mapping in the print functions. Do not change the color table values attached. Contact the WSDOT HQ CAE Help Desk for assistance.

WSDOT groups areas of the color tables for discipline and printing function.

Figure D1-1 WSDOT color table grouping



Groups - Color values Red Green Blue (RGB)
A) Inverse of Background. Prints as Black (0,0,0)
B) Core ByLevel Colors. [Dark = New] [Light = Exist]
C) 4 repeated sets of Core colors. For sub-colors
D) Light gradients White (242,242,242) > Grey (134,134,134)
E) Dark gradients between Grey (107, 107, 107) & Black (0,0,0)
F) Half Tone (120,120,120) - Prints true
G) "True" White (255,255,255)
H) WSDOT Green, offical (0,123,95)
I) Half Tone Gradients - Print various grays
J) Workzone- Colors - Print as shades of Grey in BW drivers
K) Workzone- "True" White (255,255,255)
L) Change Order Colors
M) Graphics Team colors.
N) True Black (0,0,0)
O) Background Color. Does not Print
P) Unassigned

WSDOT standard colors for Color and B/W print output.

Figure D1-2 WSDOT standard color print output

Color.pltcfg

0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31
32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47
48	49	50	51	52	53	54	55	56	57	58	59	60	61	62	63
64	65	66	67	68	69	70	71	72	73	74	75	76	77	78	79
80	81	82	83	84	85	86	87	88	89	90	91	92	93	94	95
96	97	98	99	100	101	102	103	104	105	106	107	108	109	110	111
112	113	114	115	116	117	118	119	120	121	122	123	124	125	126	127
128	129	130	131	132	133	134	135	136	137	138	139	140	141	142	143
144	145	146	147	148	149	150	151	152	153	154	155	156	157	158	159
160	161	162	163	164	165	166	167	168	169	170	171	172	173	174	175
176	177	178	179	180	181	182	183	184	185	186	187	188	189	190	191
192	193	194	195	196	197	198	199	200	201	202	203	204	205	206	207
208	209	210	211	212	213	214	215	216	217	218	219	220	221	222	223
224	225	226	227	228	229	230	231	232	233	234	235	236	237	238	239
240	241	242	243	244	245	246	247	248	249	250	251	252	253	254	B

Black&White.pltcfg

0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31
32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47
48	49	50	51	52	53	54	55	56	57	58	59	60	61	62	63
64	65	66	67	68	69	70	71	72	73	74	75	76	77	78	79
80	81	82	83	84	85	86	87	88	89	90	91	92	93	94	95
96	97	98	99	100	101	102	103	104	105	106	107	108	109	110	111
112	113	114	115	116	117	118	119	120	121	122	123	124	125	126	127
128	129	130	131	132	133	134	135	136	137	138	139	140	141	142	143
144	145	146	147	148	149	150	151	152	153	154	155	156	157	158	159
160	161	162	163	164	165	166	167	168	169	170	171	172	173	174	175
176	177	178	179	180	181	182	183	184	185	186	187	188	189	190	191
192	193	194	195	196	197	198	199	200	201	202	203	204	205	206	207
208	209	210	211	212	213	214	215	216	217	218	219	220	221	222	223
224	225	226	227	228	229	230	231	232	233	234	235	236	237	238	239
240	241	242	243	244	245	246	247	248	249	250	251	252	253	254	B

D1.03(4) DGN Libraries

DGN Libraries store many of the settings, resources, and functions controlling the CADD applications.

The primary feature definition DGN Libraries contain the WSDOT standard elements including Feature Definitions, Element Templates, base Level and ByLevel attributes, Survey settings, Text Favorites, Text and Dimension styles, along with Civil Label settings.

Other DGN Libraries include Civil Cells, WSDOT tools, Item Types, Line styles, Print styles, Sheet Seeds, Standards Checker settings and Tables.

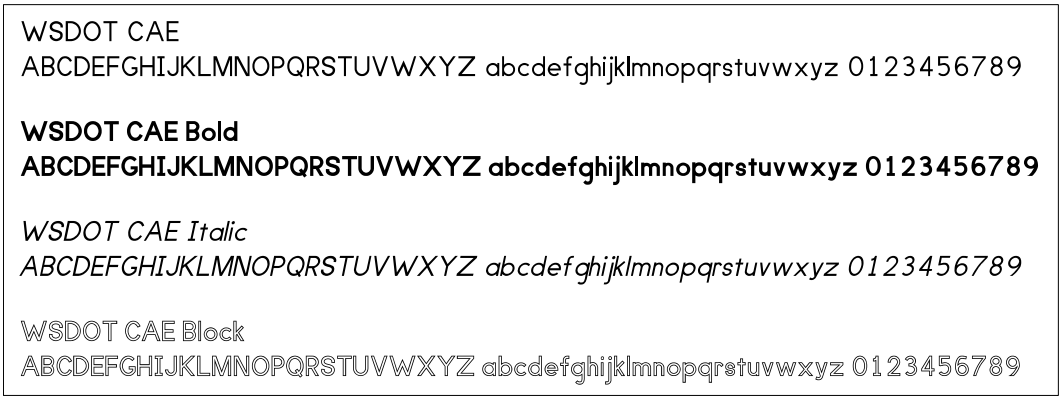
Like cells, Line styles adhere to drawing scale settings in all models. In sheet models, the drawing scale is full size 1=1. The details referenced into the sheet border have their own scale settings based on the detail scale.

D1.03(5) Fonts

The general WSDOT standard font is *WSDOT CAE* true-type font. Fonts supporting MUTCD sign text are also included in the WSDOT standards.

All text shall use WSDOT standard fonts via assigned text styles. Exceptions and more specific details can be found in the *Symbology 4* and *Symbology 5* sections of this manual.

Figure D1-3 WSDOT CAE True Type Font



Like cells, text styles adhere to drawing scale settings in all models. In sheet models, the drawing scale is full size 1=1. The details referenced into the sheet border have their own scale settings based on the detail scale.

The result is that all text displayed in a sheet model appears at a consistent and correct size according to the assigned text style regardless of in the title block, notes, or references at various scales.

D1.03(6) Printing Resources

CONNECT applications provide two primary print options, Print and Print Organizer. Print is intended for one file at a time and uses Plot Configurations file to manage output. The Print Organizer is the primary tool to print plan sets, it allows batch printing of multiple files and uses Print Styles to manage output.

WSDOT plot configuration files and print styles must be used to ensure the output of color, linestyle, and weight are per the WSDOT standards. Do not us a system PDF driver to create PDF files, WSDOT PDF plot config file and WSDOT PDF print styles create a word searchable PDF that is required for WSDOT plan sets.

Plot Configuration Files (.pltcfg)

WSDOT plot configuration file provide output to EMF, PDF and Printers in multiple paper sizes.

EMF_BW.pltcfg and *EMF_Color.pltcfg* create a black/white or color *.emf file. Enhanced Metafiles (EMFs) are an image format that offer several advantages. They contain rich image metadata, including detailed RGB color information and precise dimensions, ensuring images are displayed consistently across different platforms and devices. Additionally, their scalability means that image quality is maintained regardless of scale, the precise vector data allows for high-detail and precision images making them versatile for various digital needs. The page sizes available are dependent of the system default printer.

PDF_BW.pltcfg and *PDF_Color.pltcfg* create a black/white or color *.pdf file. The WSDOT *PDF_BW.pltcfg* is the default plot config file loaded when the Print function is used. A Portable Document Format (PDF) standardized file format developed by Adobe. It allows you to present documents, including text formatting and images, in a consistent manner across different hardware, operating systems, and applications. The page sizes available are ANSI A 81/2”X11”, ANSI B 11”X17” (default page), ANSI C 18”X24”, and ANSI D 22”X34”.

Printer_BW.pltcfg and *Printer_Color.pltcfg* output hard copies to the system printer(s) installed on the device. Do not use a PDF driver like Adobe PDF, Bluebeam PDF, or Microsoft Print to PDF to create a PDF file. Use the WSDOT *PDF_BW.pltcfg* and *PDF_Color.pltcfg* to created PDF drawings.

Pen Table

Pen tables contain instructions for re-symbolizing the printed output of DGN files. At WSDOT, this typically takes the form of sequencing element printing and text substitution information for print deliverables.

No action to select a pen table is required to produce WSDOT standard deliverables that have been developed per the EEDS manual requirements.

The default pen table is set to **WSDOT_PenTable.tbl** in the standard resource configuration files. This pen table prints raster images first, then vector elements so that the raster image appears behind the other graphics regardless of the display.

WSDOT_OrderByPriority.tbl prints the elements as displayed in the DGN model using referencing update sequence and element priorities.

Print Styles

A set of four Print Styles are available for use with the Print Organizer. These are for various sizes of PDF and hard copy prints, from both base and sheet files. They are automatically configured to be available using the WSDOT environment. These styles are stored in a *DGNLib* file within the WSDOT resource file set.

D1.03(7) Reports

This folder includes groupings of XSL report styles for various OpenRoads report functions. These provide the data formatting, labels, and math functions appropriate for the given report output.

D1.03(8) Seed Files

Seed files are template DGN models used to initiate working models with base settings and behavior. WSDOT includes a complete set of seed files. The standard 2D seed file is configured as default when creating a new file.

WSDOT seed files shall be used when creating new DGN files.

For roadway design data and plans preparation base development, the seed is *WSDOT_2D_Seed.dgn*.

For survey data processing, the seed is *WSDOT_3D_Survey_Seed.dgn*.

For AutoTurn movements and turning simulations, the seed is *WSDOT_2D_AutoTurn_Seed.dgn.*

The drawing model seed is *WSDOT_2D_Drawing Seed.dgn.*

The sheet model seed is *WSDOT_2D_Sheet Seed.dgn*.

Sheet files are created from the *Named Boundary* toolset and utilize appropriate WSDOT sheet borders through an automated process.

Stand-alone sheet models can be created in the Models dialog window and will create a sheet model with the selected sheet size and border/title block.

Details on the WSDOT Design Seed files are as follows:

- Master Units: US Survey Feet
- Sub Units : US Survey Inches
- Resolution: 10,000 per US Survey Foot

See *Deliverables 7Drafting and Plans Preparation* of this manual for more information.

D1.03(9) Orthographic Imagery Web Map Services (WMS)

WMS ortho-imagery is available in ProjectWise via the Imagery folder. Ortho-imagery in subfolders appended by *"_Public"* are available to the public and all ProjectWise users. All other images are only available via logging into the WSDOT network.

To reproject the WMS imagery to the project coordinate system a Geographic Coordinate System (GCS) must be set in the DGN file that has the WMS attached.

D1.04 Project Specific/Custom Resources

Project specific resources are by definition, not standard which presents potential problems for downstream (non-ProjectWise) customers and exporting this data to other applications; therefore, their use should be minimized as much as possible.

If a necessary element (symbology or text type) is not currently available, submit a request via email to the WSDOT HQ CAE Help Desk for inclusion in the master resources. They will assist in short-term and long-term solutions. Use this same approach to request changes to existing symbology or propose a new productivity enhancement.

Project specific or user custom resources must not conflict with master resources.

Each project specific resource type (cell library, color table, etc.) shall be stored in the *work area* *Standards* structure in the appropriate folder. When placed correctly, most basic custom resources will be recognized by the work area configuration without modification. If the resources do not show as expected, contact the WSDOT HQ CAE Help Desk.

The WSDOT configuration does not allow creation of new levels. If a new level is needed contact the WSDOT HQ CAE Help Desk. The request will be evaluated with the appropriate resource owner and plan review groups.

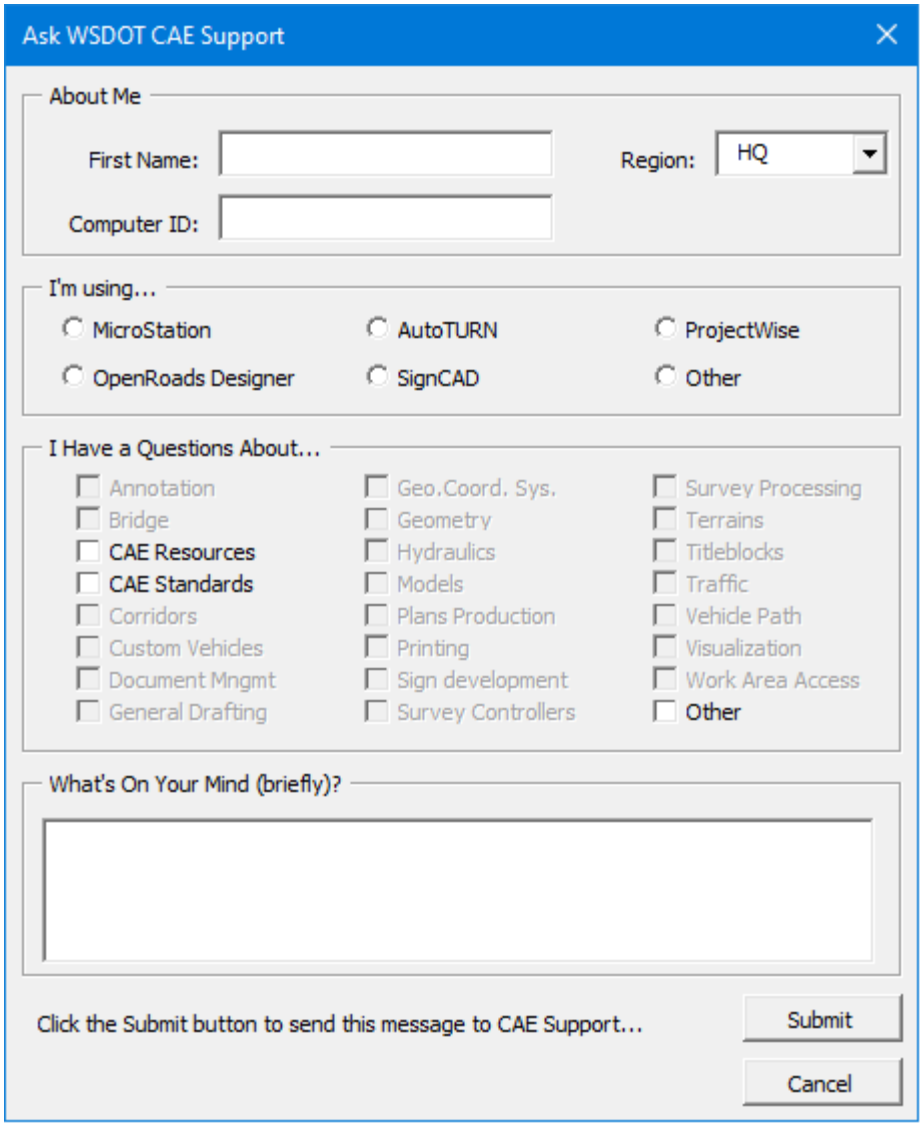
D1.05 WSDOT Custom Utilities

WSDOT is using the vendor installations and tools as much as possible. Listed below are the custom utilities that WSDOT CAE has developed for the Connect environment.

Ask WSDOT CAE Support

Ask CAE Support utility is in the WSDOT Drawing Workflow, Help tab, WSDOT CAE Support ribbon group. Used to send CAE and other support staff for specific questions or problem via email.

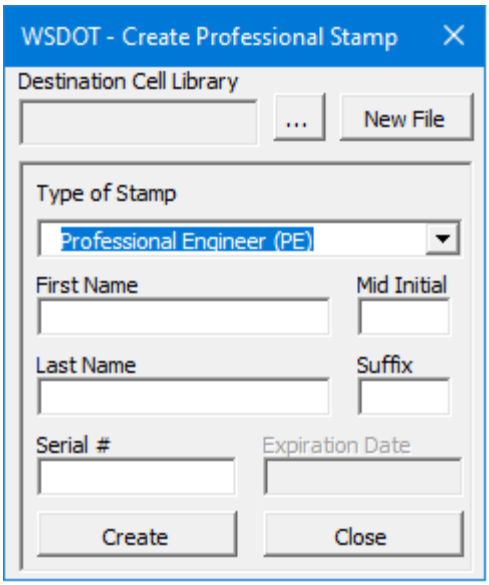
Figure D1-4 Ask WSDOT CAE Support dialog



WSDOT Create Professional Stamp

Create Stamp utility is in the WSDOT Drawing Workflow, Annotation tab, Professional Stamps ribbon group. Used to create a professional stamp for Professional Engineers, Professional Land Surveyor, Landscape Architect, Structural Engineer, Registered Architect, and Engineering Geologist.

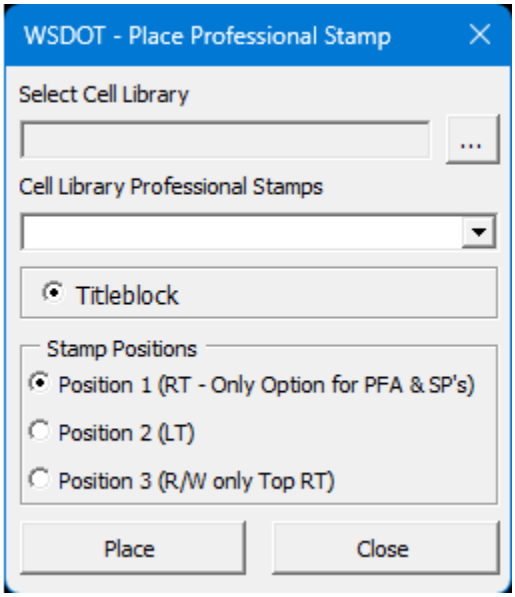
Figure D1-5 WSDOT Create Professional Stamp dialog



WSDOT Place Professional Stamp

Place Professional Stamp utility is in the WSDOT Drawing Workflow, Annotation tab, Professional Stamps ribbon group. Used to place a stamp in a certificate sheet or in a sheet title block.

Figure D1-6 WSDOT Place Professional Stamp dialog



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Deliverables 2 Data Transfer, Review, and Acceptance

D2.01 General
D2.02 Preparation and Transmittal of Electronic Data
D2.03 Acceptance of Electronic Data Submittals
D2.04 Rejection of Electronic Data Submittals

D2.01 General

This chapter defines the requirements for the transfer, review, and acceptance of WSDOT electronic data deliverables. The requirements include what information is transferred, who is expected to provide the information (the supplier), who will receive the information (the customer), and who will approve the information.

Department suppliers refer to persons directly employed by WSDOT. Consultant suppliers refer to consultant firms hired to provide engineering services for WSDOT.

Following are several examples of electronic data transfers:

- A WSDOT survey group or consulting firm (the supplier) provides an OpenRoads survey dataset to a design group or consulting firm (the customer) for use in the design of a project.
- A design office or consulting firm (the supplier) provides an OpenRoads design dataset to a construction office (the customer) for use during construction of a project.
- A consulting firm (the supplier) provides an OpenRoads dataset for Stages 1 & 2 of a project to the WSDOT Design Office for use during Stage 3 of a project.

While this list is not all-encompassing, it provides examples of some of the electronic data transfers throughout the project development process.

D2.02 Preparation and Transmittal of Electronic Data

All submissions of electronic data (preliminary, milestone, or final) shall adhere to the following requirements:

- The supplier shall provide the customer with the information in electronic format as described in the appropriate section of this manual.
- Electronic scanned sheets submitted will be scanned at 600dpi minimum and resulting image or PDF will be checked for clarity and readability before transmittal.
- All submittals shall ultimately reside in the appropriate WSDOT ProjectWise structure.
- Acceptance of submitted information shall be per D2.03.

D2.02(1) Data Reference from within ProjectWise

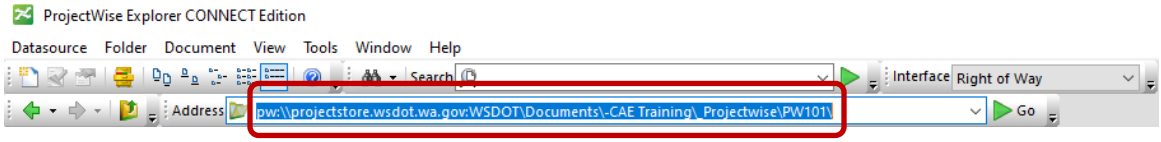
Documents and drawings developed specifically for a project effort shall be managed and stored within that project work area. This includes project specific survey deliverables.

Documents and drawings managed in ProjectWise by another group (such as Bridge or Right of Way Plans) shall not be copied to a ProjectWise project work area. Reference the documents and drawings from their source location. Do not make local copies of other group documents and drawings.

Reference to documents and drawings managed in ProjectWise shall include a hyperlink to the files/folder in an email or other medium to notify the customer of the submittal per the following:

1. In ProjectWise, browse to the file or folder to be submitted:
2. Right-click on the Address and select **Copy URL**.

FIG D2-1 ProjectWise Address bar with content selected



3. Paste this in the communication medium (email message, Word Document, Excel file, etc.) to send to the customer. The pasted address will display the folder or file name such as: PW101. The actual location is in the hyperlink.
4. Contact WSDOT CAE Support if the customer cannot access the submitted information.

D2.02(2) Data Submittal From Outside ProjectWise

External suppliers shall submit files through the WSDOT office administering their contract.

WSDOT suppliers shall submit documents, drawings, and other files electronically to department customers. All external electronic files shall be checked for computer viruses by the supplier immediately prior to submission. The supplier shall include a dated log file and a written verification of the virus check. The verification will include the name and version of the virus check software used and the date the virus check was performed. Submissions found to contain viruses will not be accepted. Due to the WSDOT Wide Area Network's virus scanning tools, the requirement is automatically met for data produced within the WSDOT WAN.

Once electronic data has been received, place the file in the appropriate location within the applicable ProjectWise work area.

For every deliverable, the following information shall be included in the transfer communication:

- Project information including name, project numbers, and description.
- A submission number and date (e.g., Submission #1, 12/22/2020). Revisions shall be submitted under the original submission number and include a revision number and revision date (e.g., Submission #1, Revision #1, 1/7/2020).
- A content listing and location of the electronic data being transferred.

All electronic data submissions shall be compatible with the current versions of CAE software in use by WSDOT. See Computer Aided Engineering website for acceptable deliverable file format and versions:

In general, all submissions shall be in accordance with the standards detailed in the current version of this manual. However, with approval from WSDOT, consultant suppliers may submit electronic files that conform to previous versions of this manual. Written approval must be obtained from WSDOT regarding the WSDOT electronic data standards that the consultant supplier is using for the submission. Requests for approval to use previous versions of WSDOT standards shall be directed to and approved by the Project Manager/Consultant Liaison as applicable.

The supplier shall ensure that the contents of all electronic files are the same as any "hard copy" information submitted (e.g., survey notes, paper plots, scanned images, or PDF files).

The supplier shall name the files as stated in the appropriate section of this manual.

D2.02(3) WSDOT provided CADD files to interested parties

The following describes the requirements for providing CADD drawings to interested parties such as Design Build proposers or local agencies, that are not actively working on WSDOT project in ProjectWise.

For Design-Build (DB) and Progressive Design-Build (PDB) efforts, all CADD Files are subject to RFP Chapter 1 requirements under "Disclaimer Regarding Documentation"

Preparing for delivery

Preliminary design CADD plan sheets and supporting files are conceptual in nature and are for information only. These CADD files may be made available to interested parties provided all the following steps are taken:

1. All information in the title block is removed from the plan sheet including company logos.
2. A disclaimer reading "FOR INFORMATION ONLY" is printed diagonally across each plan sheet.

Preliminary design plan sheets for current projects under design or under contract may be provided in PDF format including the disclaimer noted in Step 2 above. Historical or as-built plan sheets may only be shared in PDF format, as described in this section.

D2.03 Acceptance of Electronic Data Submittals

The supplier is responsible for adherence to all standards and should use the same methods and guidelines as the customer to evaluate conformance prior to submittal.

In the evaluation of all electronic files, the customer may review and comment on the information submitted by the supplier to ensure conformance with WSDOT CAE standards.

D2.03(1) General File Evaluation

The following general guidelines may be used in the evaluation of all CADD files:

- The vendor provided standards checker may be run on incoming DGN files for foundational CADD attributes such as Element Template (level, color, weight, and line style), Dimension and Text Styles assignment to ensure adherence to WSDOT standards as described in this manual and the *Plans Preparation Manual* M 22-31. User created resources shall be submitted to WSDOT CAE Support for approval.
- The customer may check submitted files for inconsistencies by reviewing tie points, stationing, and dimensioning to ensure accuracy and consistency with the design data generated by other applications used on the project.
- The customer may verify that the data is coordinately correct in the appropriate Geographic Coordinate System (GCS) including Northing, Easting, and Elevation values.

D2.03(2) Geometry Files

In addition to the general evaluation guidelines, the customer may review alignment/geometry files:

- To verify that geometry chains/lines and points appear in the correct location in relation to the topography.
- To verify that the appropriate *Feature Definition* has been assigned to all elements.
- By generating report files based on the alignments and coordinate geometry points and compare them against the survey notes or plans submitted by the supplier for accuracy.

D2.03(3) Survey Files

In addition to the general evaluation guidelines, the customer may review survey data files:

- For compliance with current WSDOT standard survey field code usage (see Symbology 2*)*
- That the appropriate datum is applied correctly and documented (see D5.03(2))

D2.03(4) Terrain Models

In addition to the general evaluation guidelines, the customer may include review terrain models criteria such as:

- For inconsistencies between features in the models and elements shown in corresponding design models.
- By generating contours to evaluate for inconsistencies, anomalies, and elements at incorrect elevations.
- By generating profiles along the approximate centerline of all major roads and streams, reviewing for unusual slopes and/or breaks.
- By generating cross sections from the approximate centerline of all major roads and streams. These sections will be reviewed for unusual slopes and/or breaks.
- By displaying the triangles to ensure that erroneous triangles have not been included.
- Elevations using methods consistent with the accuracy attainable by the original method of collection.

D2.03(5) ASCII Files

The customer may review ASCII files to ensure they are in a format consistent with the file content.

D2.04 Rejection of Electronic Data Submittals

Any data or files submitted that do not meet the requirements outlined in this manual shall be returned to the supplier for correction. With the return of any data or files, the customer will provide a written explanation of all areas that do not conform to this document. The supplier shall be responsible for finding the source of the errors, correcting the errors, and resubmitting the files.

Any communications between a consultant supplier and WSDOT will be done through the Project Manager or Consultant Liaison as applicable.

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D3.01 General
D3.02 Work Area Organization and Naming Convention
D3.03 PS&E Work Area Folder Structure
D3.04 HQ Right of Way Work Area Folder Structure

D3.01 General

The Project/Work Area folder structure discussed in this chapter is intended to be the WSDOT standard structure for Computer Aided Engineering (CAE) data storage to consolidate all electronic project engineering data files into one structure.

WSDOT uses Bentley ProjectWise to manage Project/Work Area engineering files. The ProjectWise term "Work Area" will be used in this section to represent each individual project structure.

Work area structures are intended to contain all engineering data and drawing files (DGN format) along with directly supporting files in various formats. It is highly recommended but not strictly required to store additional project documents in this structure as well. Alternatively, non-EEDS related files may be stored in other repositories that also accommodate all project staff and stakeholders with appropriate access and document control such as SharePoint.

The Work Area is organized into discipline group subfolders with specific controlled access for the owner discipline and other applicable groups.

Work areas are generated by CAE ProjectWise Support and designated production staff. To request a work area, contact WSDOT HQ CAE Help Desk.

When folders are created in appropriate structures, the following are not acceptable:

- Use of special characters in folder or file names. This includes any of the following:

  ~`!@#$%^&* (){}[]|\:;"'<>,?/+=

- Redundant use of project information in folder names and file names.

  For example, note the "**XL1234_**" below:

  *00.0_ExamplePSEWorkArea1/Design/_CADD/**XL1234**_Sheets/**XL1234**_AL/**XL1234**_PS_AL_001.dgn*

  The file name (*XL1234_PS_AL_001.dgn)* is correct as defined in Deliverables 4 File Naming Conventions.

  However, the redundant project ID in the folders provides no additional value. It increases the file path which may impact Microsoft applications in their ability to read and open a file.

  The design work order (***XL1234***) is included in the Work Area properties and can be used to search all related documents in ProjectWise.

D3.02 Work Area Organization and Naming Convention

Work Areas are contained in and organized by State Route (SR) number folders. In the ***WSDOT*** datasource, there are SR number lists found in:

_HQ\Right of Way_State Routes – all Right of Way plans and projects are stored and maintained here (see D3.04 for more information).

_HQ\Fish Passage\[Region]proj – Fish Passage projects are centrally stored and maintained here.

[*Region*]*Projects* – General projects are stored in region structures.

Under the applicable SR folder, the work area naming convention is:

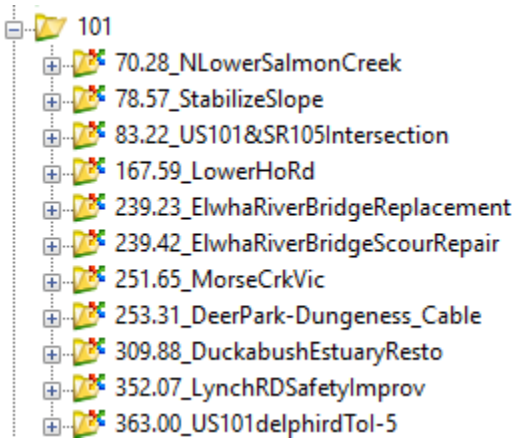
Work Area folder Name	= MP_WorkAreaName
Work Area Description	= [Region] – Narrative Title

Where:

MP	= Begin Mile Post of the work effort
WorkAreaName	= Abbreviated and CamelCase to keep the folder path as short as possible for compatibility with Microsoft applications that are sensitive to long path/file names but still readily recognized in the list of work areas.
Narrative Title	= Program Management project title

These work areas then sort automatically by location along the State Route:

Figure D3.1 Work Area Organization Based on State Route and Begin Milepost



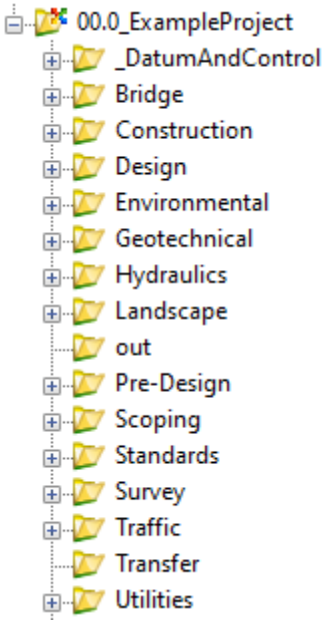
It is important **not** to revise the name of the work area root folder after creating the Work Area. Otherwise, ProjectWise links become ineffective. If renaming or modifying a work area folder is necessary, contact WSDOT HQ CAE Help Desk for guidance.

D3.03 PS&E Work Area Folder Structure

Work Area templates are provided by WSDOT CAE Support and shall be used to ensure uniformity and access control conformance.

For PS&E efforts, a set of folders and subfolders are provided for every work area. A subfolder is associated with each discipline (Bridge, Construction, Design, etc.). Access control in ProjectWise allows work groups to have specific read/read-write permissions to their portion or discipline folder of the work area structure.

Figure D3.2 Project Work Area Folders

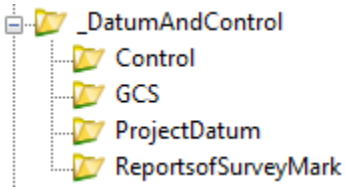


Only authorized ProjectWise Coordinators or CAE ProjectWise Administrators will create work areas and discipline group folders (see Deliverables 4 for applicable file naming conventions).

D3.03(1) _DatumAndControl

The *_DatumAndControl* folder structure is the primary location for project coordinate system documentation. The root subfolders of *_DatumAndControl* shall not be modified (see Deliverables 5 for applicable file content).

Figure D3.3 _DatumAndControl Folder Structure



Control

Contains documentation/notes regarding all survey control points used in the project's scoping, location, design, and construction. Data files may be in general ASCII, WSDOT ASCII Survey format, or LandXML format. Other report formats could be used to supplement data and provide additional information.

GCS

Contains Geographic Coordinate System (GCS) files. If the project is using Project Datum (PD), this folder would contain a DGN file with a PD GCS defined in it, which is used to import GCS into other DGN files, making the file geographically aware. A *PD_GCS.PRJ* file, which is used to import DGN files into other applications that use PRJ to define GCS.

Project Datum

Contains the documented Project Datum (PD) Combined Factor (CF) calculations. This folder also contains the PD Calculation Report, which could be a scanned manually calculated worksheet, spreadsheet, or Project Datum XML report.

ReportsofSurveyMark

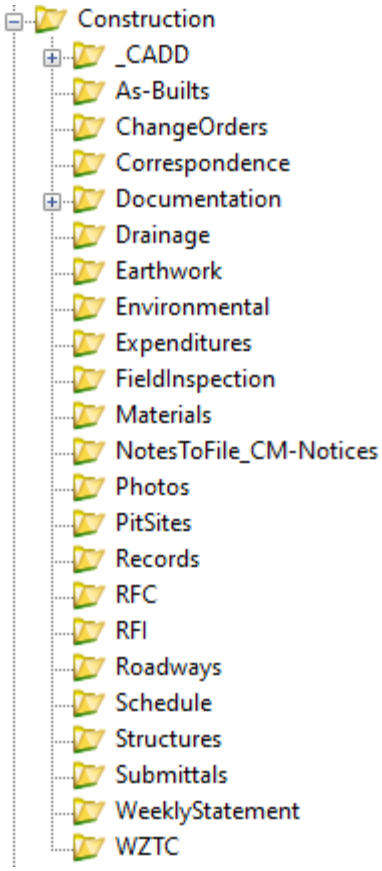
Contains the source reports for all primary control used on the project.

D3.03(2) Construction

Contains the primary construction team's work structure. The access control for this folder structure is set to provide appropriate read/write access to this team while providing read only to other work groups applicable to the project effort.

Do not modify any preset root folders in this structure.

Figure D3.4 Construction Folder Structure



D3.03(3) Design

Contains the primary design team's work structure. The access control for this folder structure is set to provide appropriate read/write access to this team while providing read only to other work groups applicable to the project effort.

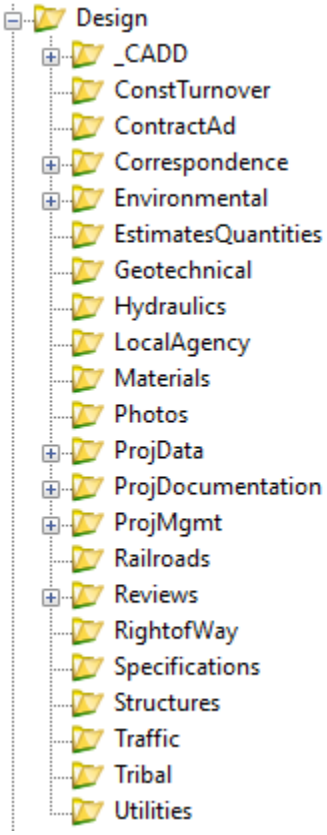
The structure intent is to provide a clear, consistent, and recognizable groupings of design team deliverable files for all projects. Each root subfolder represents design team efforts for specific disciplines. Other work groups have their own primary work structure and should not attempt to store or manipulate files in this location.

Engineering drawing/modeling between disciplines such as Design and Environmental should use references to view each other's DGN files.

This structure accommodates the standardized complete project structure for Design teams. If WSDOT determines that other sources are to be used for project documentation (such as WSDOT SharePoint) outside the engineering drawings and directly supporting files, provide hyperlinks to that source within each applicable root subfolder. Do not remove or modify any root subfolders in the Design structure.

This directory consists of the following required subfolders.

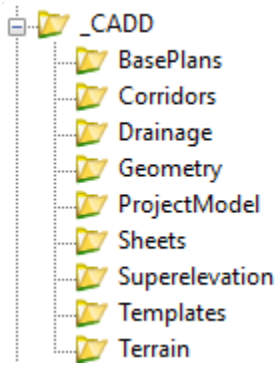
Figure D3.5 Design Folder Structure with Folder Descriptions



_CADD

Contains all engineering drawing files. These files are broken out by file content type folders. This aids in search of appropriate data by other disciplines.

Figure D3.6 _CADD Folder Structure



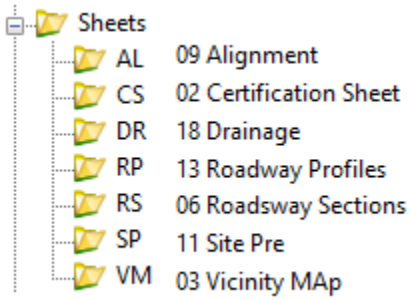
Contains different folder types – such as *Geometry*, may include additional subfolders to assist in organizing multiple instances (like alignments) of the same content. However, keep the depth (nested folders) to a minimum. If more than one additional level of subfolder is needed, the organization of data should be scrutinized and optimized. Fewer folder levels are ideal.

Do not modify any preset root folders in this structure.

_CADD\Sheets

With the single sheet per file approach, the list of sheet and container DGN files see D6.02 and Figure D6-1 for basic data type DGN reference model, D6.03(8) for consistency, and D7.03 for Container and Sheet File definitions. Naming conventions help keep these files organized. However, more complex projects may opt for a folder structure to contain all sheets and applicable container file per plan type. An example set of plan type folders under \Sheets uses the Plan Reference Codes as folder names. This is ordered by Description to show the sequence per *Plans Preparation Manual*.

Figure D3.7 Example Sheet Folders Organization By Plan Type



ConstTurnover

Contains the construction package documentation to be provided to Construction for administering the contract.

ContractAd

Contains the final contract plan set in PDF format submitted for Ad and Award (see Deliverables 7 for requirements).

Correspondence

Contains messages and other documented correspondence not contained in specific folders.

Environmental and Other Discipline Folders

These folders such as *Environmental, Geotechnical, Hydraulics, Railroads, Traffic*, and *Utilities* are for development of DESIGN TEAM information and drawings related to collaboration efforts with these discipline work groups.

The discipline work group shall work in their own project group folder.

EstimatesQuantities

Contains documents used to develop and maintain the project estimated quantities for the design team.

LocalAgency

Contains documents related to local agency efforts.

Materials

Contains documents related to project materials.

Photos

Contains images collected by design team for the project.

ProjData, ProjDocumentation, and ProjMgmt

Contains documents that relate to design support efforts and project management.

Reviews

Contains plan review deliverables and feedback/responses.

RightofWay

Contains the design team efforts for Right of Way (R/W) plan revisions and adjacent property impacts by the project design.

Applicable Right of Way plans and/or base files shall be referenced from the ProjectWise Right of Way (*WSDOT/Documents/_HQ/Right of Way*) structure into design DGN files in this folder. Right of Way Plans can be found by State Route and beginning milepost in _State Routes (*WSDOT/Documents/_HQ/Right of Way/_State Routes*). Other R/W plan files including non-corridor-oriented efforts can be found in the Right of Way structure by content type such as *Access Hearing plans, Land Plats,* and *Sundry Site plans*, etc.

Specifications

Contains documentation, and other supporting files related to project specifications.

Structures

Contains documentation, and other supporting files related to bridge site data.

Tribal

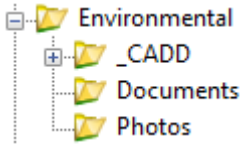
Contains reports, documentation, communications, and other supporting files related to project Tribal efforts.

D3.03(4) Support Discipline Folders

Each design support discipline, such as Environmental, Geotechnical, Hydraulics, Landscape, and Traffic. have their own workspace folder. The ProjectWise access control for each of these folders is set to read/write for the owner work group and read-only for other applicable groups to the project effort.

The Environmental structure is show below as an example.

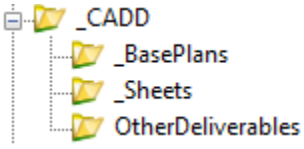
Figure D3.8 Discipline Folder Structure



_CADD

All discipline folders contain a _CADD folder for housing engineering drawings and directly supporting files. Engineering drawing/modeling between disciplines such as Environmental and Design should use CADD references to each other's DGN files.

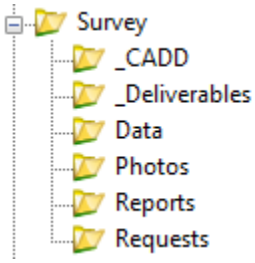
Figure D3.9 Example Discipline _CADD Folders



D3.03(5) Survey

All survey files collected for scoping, location and design will be stored in the following Survey structure.

Figure D3.10 Survey Folder Structure



_CADD

Contains the DGN files for import, review, adjustments, and deliverable development of field survey data. DGN file will be created for each disparate source i.e. Bridge, LiDAR, other survey from different source (intended to keep data segregated).

_Deliverables

Contains the complete-to-date survey dataset(s) formatted for use for design purposes including a terrain or complex terrain model. This folder may include an additional DGN containing the existing Right of Way centerline geometry the current limits and cadastral data.

Data

Contains survey data files from field data collectors or other exports from survey applications used to edit and manage survey point data.

Photos

Contains images collected by survey for the project.

Reports

Contains reports produced in the process of collection, review and evaluation, import, transformation, control management, and delivery of field collected data.

Requests

Contain survey requests, transmittals, and correspondences.

D3.03(6) Transfer

Contains files for temporary storage and review. Folder provides general read-write access.

D3.03(7) Out and Standards folders

The Out folder is a repository for application generated output files when not prompted for a location, typically PDFs.

The Standards folder contains work area specific resource files such as consultant firm logos (cells) for plan sheet title block or specialized plot configurations. These resource files are only accessible and incorporated in the work area.

D3.04 HQ Right of Way Work Area Folder Structure

Right of Way (R/W) work areas are maintained in WSDOT ProjectWise datasource. All R/W related working and deliverable files are found in *WSDOT/Documents/_HQ/Right of Way* and are organized in different methods based on plan type.

Corridor-based Right of Way plans are stored in the */_State Routes* folder and organized by State Route (SR) number, then beginning milepost.

Under the applicable SR folder, the work area naming convention is:

Work Area folder Name	= MP_Office File No._WorkAreaName
Work Area Description	= [Region] – R/W Project Title

Where:

MP	= Begin Mile Post of the work effort
Office File No.	= R/W Office File No. as indicated in the ECMs (Enterprise Content ManagementSystem.
WorkAreaName	= Abbreviated and CamelCase to keep the folder path as short as possible for compatibility with Microsoft applications that are sensitive to long path/file names but still readily recognized in the list of work areas.
R/W Project Title	= R/W project title exactly as written on the first sheet

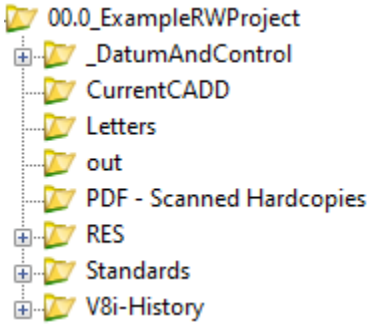
Non-corridor based Right of Way plans – those located outside State Route corridors are organized by County, Airport, Region, and other methods. R/W documents and drawings of this type include:

- Access Hearing Plans
- Land Plats
- Limited Access
- Exhibits/Parcel Acquisition Plans
- Records of Survey
- Sundry Site Plans

For typical Right of Way efforts, each work area has a consistent structure based on a preset template.

All Right of Way Plans work area structures have the same major components regardless of their orientation to corridors. There will be some variations in different types of plan work areas, but the below overview is a constant for all types.

Figure D3.11 Right of Way Plans Folder Structure



D3.04(1) _DatumAndControl

Refer to *D3.04(1) _DatumAndControl* in this manual.

D3.04(2) CurrentCADD

Contains the current working files for approved R/W plans. These files are maintained by the *HQ Right of Way Plans Office* and are read only to all other staff.

For R/W CAD file naming conventions (see Deliverables 4).

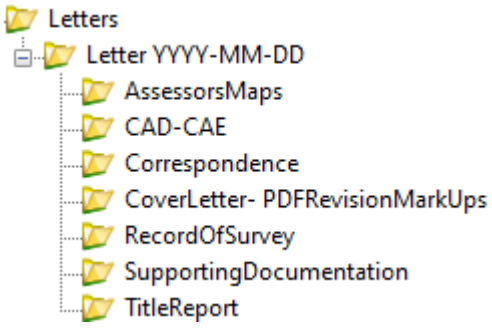
This is the location to find the most current CAD representation of the Right of Way plan applicable to your project.

Reference the applicable files from this location to a DGN file in your work area folder.

D3.04(3) Letters

Contains the submittal documentation from Region R/W Plans to HQ for each revision or new plan to be completed. Each Letter folder is based on the *Letter YYYY-MM-DD* template and completed efforts includes the date of submittal in the folder name in the YYYY-MM-DD format. The template can be found in the _HQ\Right of Way\Templates structure.

Figure D3.10 Standard R/W Letter submittal structure



This also works as a collaboration folder between Region R/W and HQ R/W staff.

AssessorsMaps

This folder contains assessor's maps and associated specific supporting documentation.

CAD-CAE

All associated CADD files shall be stored in the CAD-CAE subfolder. Project CAD files should reference current appropriate Right of Way CAD base.

Project revision CAD files should only have revision information.

If the current CAD base and sheet files are not available, or they are inaccurate, or difficult to read, new base and/or sheets may be generated. Coordinate with the HQ Right of Way Plans office for guidance.

All deliverable DGN files shall comply to WSDOT standards as defined in Deliverables 4 File Naming Conventions, Deliverables 7 Drafting and Plans Preparation, and Symbology 4.

Correspondence

This folder contains associated correspondence via email messages, letters, memos, etc. that do not fall under other submittal folder topics.

CoverLetter-PDFRevisionMarkups

The transmittal cover letter content and marked up PDF plan sheets are stored in this folder. No other documents are accepted in this folder.

RecordOfSurvey

All associated Records of Survey are stored in this folder.

SupportingDocumentation

Any supporting documentation that does not specifically apply to other submittal folder topics are stored in this folder.

TitleReport

Title Reports for all new parcels as defined in *Plans Preparation Manual* will be stored in this folder. Supplemental Title Reports are acceptable if the original transaction has been recently completed. A new parcel number will be needed for these parcels.

D3.04(4) PDF – Scanned Hardcopies

Contains the scanned PDFs of full-size hardcopy sheets. These represent the last condition of the R/W plan prior to being scanned and moved to electronic format.

D3.04(5) RES

Contains reserved for Real Estate Services efforts.

D3.04(6) Out and Standards folders

The Out folder is a repository for application generated output files when not prompted for a location, typically PDFs.

The Standards folder contains work area specific resource files such as consultant firm logos (cells) for plan sheet title block or specialized plot configurations. These resource files are only accessible and incorporated in the work area.

D3.04(7) V8i-History

Contains the previous software platform files that are used to create current platform working DGN files.

D4.01 General
D4.02 Survey Files
D4.03 Engineering Files
D4.04 PS&E Plans Files
D4.05 Right of Way Plans (CADD) Files

D4.01 General

This chapter contains information on the file naming requirements for various files included in WSDOT electronic engineering data. These standards are mandatory components of designing a WSDOT project.

Using standard naming conventions greatly enhances data portability, ensuring that everyone can readily identify and utilize files generated by different users. Moreover, the guidelines outlined in this section aid in arranging files in a logical sequence and offer quick insight into their content.

Do not use special characters in folder or file names. This includes any of the following:

~`!@#$%^&* (){}[]|\:;"'<>,?/+=

In the CONNECT platform, data is stored in the DGN file format. The format includes three types of models:

- Design 2D or 3D – general working model for real-world drafting and engineering in full size. By default, design models have a black background.
- Drawing 2D – Used for annotation of referenced Design models. Multiple drawing models may reference the same design model element, but at different scales or view perspectives where annotation may conflict across the perspectives. By default, drawing models have a grey background.
- Sheet 2D – also referred to as paper space, this model is for printing at predefined sheet/paper sizes. Details are referenced from the Design or Drawing models or drawn directly in the sheet model. By default, sheet models have a white background.

At WSDOT data is organized in three primary categories:

- Base/Data Files – Project data
- Container Files – Collaboration repository for civil and plans production data
- Sheet Files – Plans production

D4.02 Survey Files

D4.02(1) File Types

Survey files can encompass raw data outputs from equipment, processed data from software, researched data such as cadastral control and section information, as well as output reports from various stages of the survey process. OpenRoads stores survey field book in the DGN file along with the terrain when applicable. A survey deliverable DGN file will be created with a Complex Terrain Model (CTM) that will combine all the project Field Book DGN file(s) into a single terrain for the use in Design. Each of these file types shall be included in the structure as applicable.

D4.02(2) File Naming Conventions

KEY:

Typical survey file name format: **ID1234_XXX_***Desc***.yyy**

Bold indicates mandatory file name sections.

Italics indicate user-defined file name sections using conventions described below.

Each file name section is separated by an underscore ("_").

ID1234 = Project ID – typically the charge number (*XL1234, C2005*)

Alternatively, some data may be *SR###MP#-MP#*

XXX = Two - four letters file type (see below File Type Code)

Desc = Brief, 10-character or less descriptive words indicating main content of file

For example:

Bridge# = 3D bridge deck survey

LIDAR = LiDAR Point Cloud

Topo = General topography

Traverse = Control network traverse

File Type Code	Comments
CTM	Complex Terrain Model – Combines project field books into a single terrain and survey graphics for Design.
DA	Data Acquisition – files imported into OpenRoads Field Book
FB	Field Book – 3D DGN that contains a Survey Data Acquisition file(s)
GCS	Geographic Coordinate System
RW	Right of Way
TRAV	Traverse output files

D4.02(2)(a) Geographic Coordinate System & Control

File Name	Type	Contents
SR003MP2-MP5_GCS_PD.dgn	DGN	DGN that contains the Project Datum Geographic Coordinate System
SR003MP2-MP5_GCS_PD.prj	PRJ	Projection file that contains the Project Datum Geographic Coordinate System
SR003MP2-MP5_PDCalc.xml ID1234_PDCalc.pdf SR003MP2-MP5_PDCalc.xlsx ID1234_PDCalc.xlsx	ASCII PDF XLSX	Project Datum calculation documentation file
MonumentDesignation.pdf	PDF	Record of Survey Mark Report

D4.02(2)(b) ASCII Data Acquisition Files

File Name	Contents
ID1234_DA_desc.dc	Trimble survey data file
ID1234_DA_desc.fwd	InRoads survey data file
ID1234_DA_desc.rw5	Carlson, TDS or Leica survey data file
ID1234_DA_desc.txt ID1234_DA_desc.csv	Point text file can be in many formats. WSDOT Survey ASCII is the preferred format.

D4.02(2)(c) Processed Field Survey Files

File Name	Type	Contents
ID1234_CTM_Existing.dgn	DGN	3D DGN Complex Terrain Model (CTM) container file representing existing ground survey with the project's Field Book (FB) DGN referenced.
ID1234_FB_Bridge#.dgn	DGN	3D DGN containing field book with a bridge survey
ID1234_FB_Control.dgn	DGN	3D DGN containing field book data with only monuments and control data.
ID1234_FB_desc.dgn	DGN	3D DGN file containing field book all surveyed features with all associated information from field book.
ID1234_RW_Existing.dgn	DGN	2D DGN with existing R/W centerline, R/W limits, and Cadastral data.

D4.02(2)(d) Report Files

File Name	Type	Contents
ID1234_desc.xml	ASCII	Alignment stakeout data
ID1234_desc.xml	ASCII	Baseline stationing output file
ID1234_TRV_desc.xxx	ASCII	Survey traverse adjustment file

D4.03 Engineering Files

D4.03(1) File Types

OpenRoads stores all design information in the DGN file. OpenRoads civil workflows rely heavily on multiple DGN files being allied (referenced) in an organized, consistent, institutionalized format. While developing a project in OpenRoads, there should be one set of each of the files discussed below for every alignment that will have a plan and profile set of sheets (see Deliverables 6 for information contained in each of the file types listed).

D4.03(2) Engineering File Naming Conventions

KEY:

Typical design file name format: **XL1234_XXX_***Desc***.dgn**

Bold indicates mandatory file name sections.

Italics indicate user-defined file name sections using conventions described below.

Each file name section is separated by an underscore ("_").

XL1234 = Project number (*typically a charge number)*

XXX = Three letter file type (see below Example File Listing)

Desc = Brief, 10-character or less descriptive word indicating main content of file

For example:

ProjectName = Identifies the project name used on project level resources

AlignmentName = Identifies the corridor alignment name

PlanType = Identifies the discipline plan type

DesignerName = Identifies the designer's name

D4.03(3) Example File Listing

File Type Prefix/Naming Example	File Type	2D/3D Seed File
XL1234_GEOM_AlignmentName.dgn	Alignment/Geometry	2D
XL1234_COR_AlignmentName.dgn	Corridor file	2D
XL1234_SUP_AlignmentName.dgn	Superelevation file	2D
XL1234_DRN_AlignmentName_desc.dgn	Drainage file	2D
XL1234_XSC_AlignmentName.dgn	Cross section file	2D
XL1234_CCF_FileType.dgn	Civil Container Files	2D
XL1234_ProjectName.ITL	Template library	N/A
XL1234_TRN_AlignmentName.dgn	Corridor design terrain file	3D
XL1234_UTL_ProjectName.dgn	Utility file	2D
XL1234_BP_PlanType.dgn	Base Plan File, see D4.04	2D
XL1234_CTM_PRJ_ProjectName.dgn	Project Model Terrain	3D
XL1234_Reference_datatype_report.html	HTML/XML	N/A

D4.04 PS&E Plans Files

D4.04(1) File Types

CONNECT plan sheet production incorporates the three basic file categories (Base, Container, and Sheet). Drafting requirements shall comply with *Deliverables 7 Drafting and Plans Preparation* of this manual.

D4.04(2) PS&E Plans File Naming Conventions

KEY:

Typical BASE plan filename format: **ID1234_BP_XXYY_*Desc*.dgn**

Typical CONTAINER filename format: **ID1234_CF_XXYY.dgn**

Typical SHEET filename format: **ID1234_FT_XXYY_001.dgn**

Typical addendum sheet filename format: **ID1234_FT_XXYY_001_ZZ#.dgn**

Bold indicates mandatory file name sections.

Italics indicate user-defined file name sections using conventions described below.

Each file name section is separated by an underscore ("_").

ID1234 = Project number (*typically a charge number)*

FT = Two to three letter FILE TYPE code (see below File Type Code).

XXX = Two to four letters PLAN TYPE code (see D4.04(4)).

YY = Two-letter *secondary* PLAN TYPE (PT) code: this code is used when combining multiple plan types on one file type (see D4.04(4)).

001 = Three-digit Plan Reference/Type sheet number

ZZ# = Plan sheet change type and number AD=Addendum, CO=Change Order, RV =Revision

Desc = Brief, 10-character or less descriptive word indicating the main content of file. A description may also be applied to sheet files only when necessary to concisely differentiate between multiple like sheet files. For example, staging.

For example: AutoTurn = Turning radius analysis.

D4.04(3) File Type (FT) Codes

Type	Description
BP	2D-Baseplan Plan File Type for Sheet Production
CF	Container File
DE	Detail sheet
EXB	Non-PS&E multi-purpose exhibit
FIG	Non-PS&E figures for reports or permit
NMBD	Named Boundary File for Sheet Layout
PFA	Plan for Approval
PR	Profile view sheet
PS	Plan view sheet
QT	*Quantity Tabs
SN	*Structure Notes
SQ	*Summary of Quantities
SS	*Sign Specifications
XS	Cross Section view sheet

* May be produced from QTabs, EBase or other non-CAD application.

D4.04(4) Plan Type (PT) Codes/Plan Reference No.

PLAN REFERENCE No.: Plan Reference Number the alpha prefix is typically two digits (see *Plans Preparation Manual* Section 400.05(2) for requirements. Below are recommended plan reference codes.

Plan Type/Plan Reference	Description
AL	Alignment
BG	Bridges
BU	Building Plans and Details
CN	Contour Grading Plans
CT	Certification Sheet for PE Stamp Sig.
DD	Drainage Detail
DR	Drainage Plan
DP	Drainage Profile
DU	Detour Routes and Signing
EC	Temporary Erosion Sediment Control
EL	Electrical
EM	Environmental Compliance
EU	Existing Utilities
EX	Existing
GS	Grading Sections
HN	Hydraulic Plan
HP	Hydraulic Profile
HT	Hydraulic Details
IC	Interchange Contour
IL	Illumination
IN	Index
IR	Irrigation
LS	Landscape
MC	Miscellaneous
MK	Pavement Marking
PV	Paving
QT	Quantity Tabulation
RC	Reclamation, Borrow, Pit, Quarry, etc.
RD	Roadway
RM	Record of Monumentation
RS	Roadway Sections

Plan Type/Plan Reference	Description
SU	Staged Construction
SG	Signals
SI	Signing
SP	Site Preparation
SN	Structure Notes
ST	Structures/Minor Structures
TC	Traffic Control
TS	Intelligent Traffic Systems
UT	Utilities
VM	Vicinity Map

D4.04(5) Example File Listing

File Name	Type	Contents
ID1234_BP_XXX_desc.dgn	DGN	PS&E Base plan of features where *XXX* = Plan Type
ID1234_BP _UTEX.dgn	DGN	Base plan – Existing Utilities
ID1234_BP_PFA.dgn	DGN	Base plan – Plans for Approval
ID1234_BP_RW.dgn	DGN	R/W Base plan - For Design office work
ID1234_NMBD.dgn	DGN	All named boundaries for all sheets and scales
ID1234_NMBD_100Scale.dgn	DGN	Named Boundaries for 1”=100’ plan sheets
ID1234_CF_XXX.dgn	DGN	Container file where XXX = Plan Type
ID1234_DE_SN_001.dgn	DGN	PS&E Detail Sheet – Signing Plan 001
ID1234_DE_DRPV_003.dgn	DGN	PS&E Detail Sheet – Drainage and Paving sheet 003
ID1234_PR_RD_001.dgn	DGN	PS&E Profile Sheet – Roadway Sheet 001
ID1234_ PS_AL_005.dgn	DGN	PS&E Sheet – Alignment Plan sheet 005
ID1234_PS_RW_001.dgn	DGN	PS&E Sheet – R/W (for PS&E) Plan Sheet 001
ID1234_PS_AL_001_AD2.dgn	DGN	PS&E Sheet – Alignment Plan Sheet 1 – Addendum 2
ID1234_PS_MSC_desc_001.dgn	DGN	Miscellaneous CAD file with description
ID1234_PS_INVM.dgn	DGN	PS&E Index Sheet and Vicinity Map
ID1234_QT_XXX.dgn	DGN	Quantity Tabulation Sheet in CAD file
ID1234_QT_XXX.xlsx	XLS	Quantity Tabulation Sheets in Excel spreadsheet

D4.05 Right of Way Plans (CADD) Files

D4.05(1) Right of Way Plan File Types

Right of Way (R/W) plans include a base plan – representing the R/W project limits. They also include the individual sheet files for that project. If available, the base data will be in DGN file format. The available sheet information may be in DGN file or PDF file format. All R/W deliverables will be in DGN file format with PDF printable copies.

Additional supporting documents for Right of Way plans development and/or revision include PDFs, XML, CSV, and other formats. These are stored in the ***Letter_YYYY-MM-DD*** structure for submittal to HQ Right of Way Plans. Each submittal shall have a separate *Letter_YYYY-MM-DD* folder.

D4.05(2) Right of Way Plans Naming Conventions

KEY:

Typical Base plan filename format: **SR#-PLAN#_RW_BP.dgn**

Typical sheet filename format: **SR#-PLAN#_RW_PS_SHEET#.dgn**

Typical Review filename format: **SR#-PLAN#_RW_PS_SHEET#R.pdf**

Bold indicates mandatory file name sections.

Italics indicate user-defined file name sections using conventions described below.

Each file name section is separated by an underscore ("_").

SR# = State Route Number of highway
Plan# = R/W office file number (found in lower right-hand corner of sheet)
RW = Identifies electronic file as a Right of Way plan
LA = LA may be substituted for R/W on Split plans (Plans Showing Access)
BP = Base map typically prepared by region and used as a reference file.
PS = Plan View Sheet typically prepared by region.
Sheet# = Sheet number assigned within plan set.
R = Region Review copy is a temporary copy of plan revision for review purposes only.

D4.05(1) Example Plan File Listing

File Name	Type	Contents
005-136_RW_BP.dgn	DGN	Base Plan for Plan Number 136 on SR005
005-136_RW_PS_013.dgn	DGN PDF	Sheet 13 for project 136 on SR005
099-115_RW_PS_006R.dgn	DGN PDF	Review copy of sheet 6 for project 115 on SR099

D4.05(2) Project Researched Survey/Cadastral Files

File Name	Type	Contents
ID1234_RW_Revision.dgn	DGN	Proposed R/W, easement, and boundary geometry changes

D4.05(3) Additional Supporting Example File Listing

File Name	Type	Contents
YYYY-MM-DD_SubmittalMemo.docx	DOCX	Cover Letter
TitleFileNo_Owner_desc.pdf	PDF	Title Reports
Element_ReportType_desc.*	XML CSV DGN (varies)	Technical/Geometric Reports
RegionNo-ParcelNo.pdf	PDF	Assessors Maps
AFN#############.pdf	PDF	Records of Survey

D5.01 General
D5.02 Data Organization
D5.03 Documentation
D5.04 Data Processing
D5.05 Survey Deliverables

D5.01 General

This chapter defines the electronic standard requirements for survey data collection, processing, and delivery. These standards are intended to support the *Highway Survey Manual* M 22-97.

All electronic project survey files and data shall be stored and organized as defined in this manual. See Deliverables 3 Work Area Structure and Deliverables 4 File Naming Conventions.

D5.01(1) Initiating a Survey

A survey is initiated by completing the Survey Request Form No. 355-001 by the Project Manager or designee as defined in the *Highway Survey Manual* M 22-97 for instructions to complete the Survey Request Form and providing supporting information for the survey.

Upon receipt of the survey request, the surveyor should verify its completeness and adherence to survey request standards before proceeding.

D5.01(2) Data Collection

Both the requester and the surveyor are required to adhere to the procedures for surveying defined in the *Highway Survey Manual* M 22-97.

The surveyor will use the standard field codes for OpenRoads Designer to identify field observations. See Symbology 2 Data Collection for information on use of field codes.

D5.02 Data Organization

Data Acquisition (DA) of field observed -and/or fixed- point data with assigned field codes are imported into an OpenRoads field book.

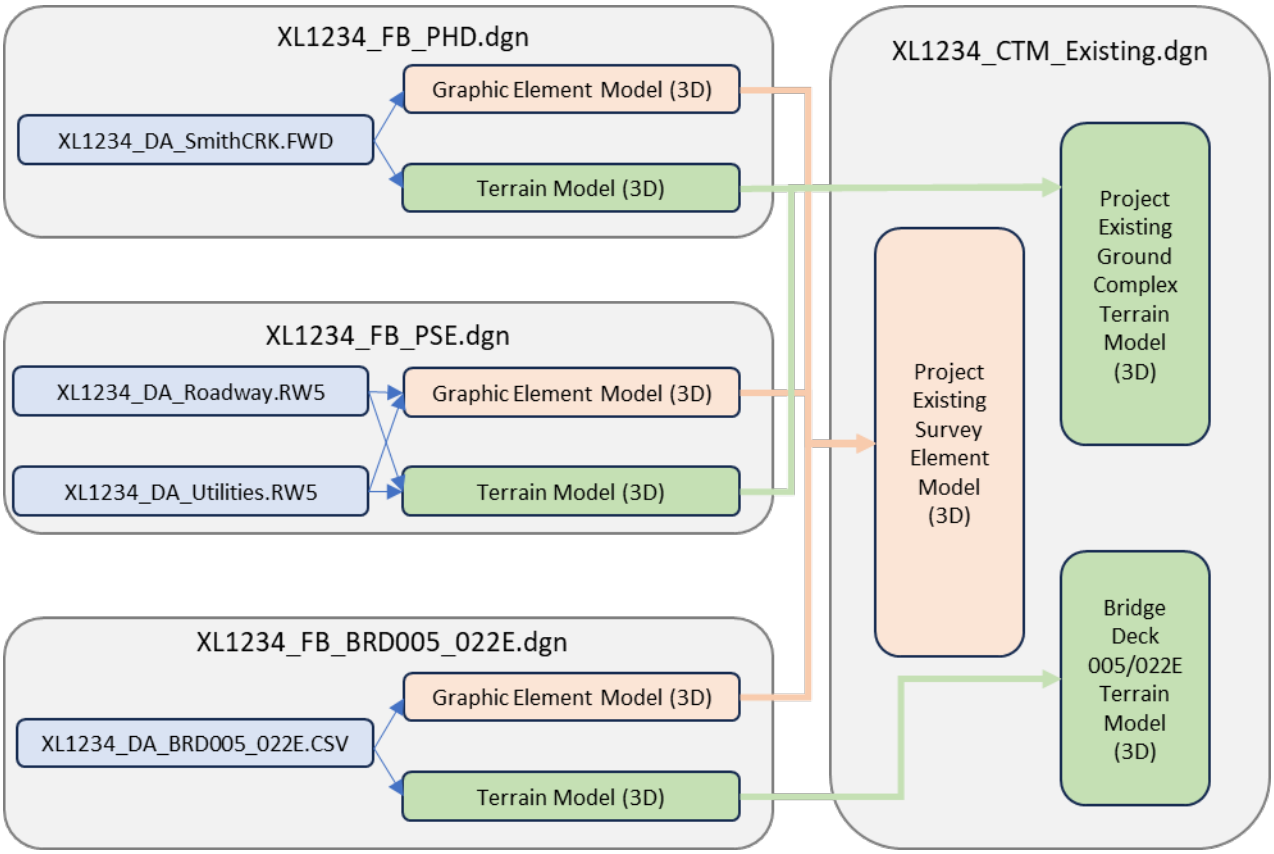
Each survey Field Book (FB) file will be created from the WSDOT_3D_Survey_Seed.dgn file. The file may contain multiple field book(s), each field book generates surveyed features as graphical elements. All the related survey information is contained and stored within the DGN and the graphical elements themselves, and an associated terrain model.

When data acquisition is from different sources, each source shall create their own FB DGN to keep the data segregated. Projects with bridges or tunnels will create a separated FB DGN for each, to provide design a terrain for bridge deck or tunnel roadway. Surveyed borrow pits or mitigation sites located outside of project footprint will be in their own FB DGN so the terrain is independent of the project terrain.

The terrain model contains the Triangle Irregular Network (TIN) generated per each survey feature with a Terrain Attribute except for Do Not Include. All other features with Terrain Attribute of *Breakline*, *Spot*, *Void*, etc. are used to determine the TIN.

The Complex Terrain Model contains references of both Terrain and Feature graphical element models to represent the project survey effort. No FB data shall be stored directly in this file. The Complex Terrain Model shall be created and used as the single point deliverable DGN from survey to design and other disciplines.

Figure D5-1 Survey Data Model Diagram



D5.03 Documentation

It is important to clearly communicate the needs prompting a field survey or data acquisition effort to ensure the deliverables meet those needs. It is equally important to distinguish between sources of data as well as iterations from the same source as well as understanding how control coordinates (for example) were determined in case of conflict. This section covers basic documentation requirements for clear communication between the customer and the surveyor.

D5.03(1) Survey Request Form

The Project Manager or designee shall use the Survey Request Form 355-001 as described in *Highway Survey Manual* Chapter 14 or for Preliminary Hydraulic Design survey request or South Central Region projects, the Project Manager or designee shall use the SCR Survey Request web page.

Each survey request form will be stored in the **Survey_Requests** project folder and an email sent to the Survey Party Chief with the PW link to the form.

The Survey Party Chief shall complete the Survey Request Form as described in *Highway Survey Manual* Chapter 14.

Research on Hand as identified in the form can be attached or combined with the form. They may be scanned, and the electronic scan can be treated as the source. PDF is the preferred format for scanned research documents, although .jpg and .tif files are also acceptable.

D5.03(2) Project Datum and Control

Documenting the Datum and control shall be the responsibility of the Survey Party Chief. See Deliverables 3 and Deliverables 4 for information on folder structure and file names.

Project Datum

Project Datum (PD) Combined Factor (CF) calculations will be completed per the methodology defined in the *Highway Survey Manual* Chapter 6. Before calculating a PD CF the surveyor shall check with region Right of Way office for historical PD CF in the project location.

The State Plane to Project Datum conversion or calculation report shall be in a universally readable format. ASCII Text, Microsoft Excel, or PDF file formats are acceptable.

Once the PD CF has been defined, a Geographic Coordinate System shall be requested from HQ CAE per the MS-Working with GCS (wa.gov) technote.

Project Control

All project control shall be documented. This is vital in maintaining history, translation, and alignment with other efforts as well as minimizing confusion when data sets do not align or conflict.

Information on project control points shall be provided by the Designer or Survey. If Primary Control Points are needed contact WSDOT - Geographic Services - Survey and Mapping.

Primary Control Points will consist of the points in the WSDOT Primary Reference Network see Survey Monument Database and will be named using the Monument ID number or Designation. If a different naming convention is used, the OpenRoads Designer point description shall reference the monument id # or designation.

If the Primary Control is provided by National Geodetic Survey, Online Positioning User Service (OPUS), County, or City, the documentation must include:

- Monument designation
- Washington plane coordinate system with datum and epic
- Latitude and Longitude coordinates
- Washington plane coordinate Northing and Easting
- Current North American Vertical Datum (NAVD 88) elevation (if measured)
- Method of collection
- Horizontal and vertical accuracy
- Units, scale factor and convergence angle

Monumentation documentation will remain in its original format and retain its original name as provided by the source.

Secondary Control Points will be set in support of the project, the points can be named with numeric or alpha-numeric value, documentation shall contain:

- Control point name/designation
- Northing, Easting, and Elevation coordinate values in the project datum
- Description

Control and or monuments observed by traverse must include the traverse adjustment and report as applicable to document the project control, boundary monumentation, and section corners. Final adjusted coordinates shall be reflected in the documentation and survey data.

D5.04 Data Processing

Data collection export formats such as raw data, ASCII, and proprietary binary formats used to directly import into ORD Field Book shall be stored in the work area Survey\Data folder by the surveyor (see Deliverables 3 and Deliverables 4).

When collecting field data with Total Station Survey (TSS) or Global Navigation Satellite System (GNSS), the surveyor will collect the field data as raw observations.

The preferred format for exporting ASCII data from vendor software or directly from the data controller is WSDOT ASCII Survey format as defined below.

PointNumberOrAlphaName,Northing,Easting,Elevation,Code,NoteOrDescription

This WSDOT ASCII Survey format is supported in the Field Book > Import > File command using a file extension of .txt or .csv.

Other ASCII files not using the WSDOT ASCII Survey format shall use the Field Book > Import > File Using Text Import Wizard.

D5.04(1) Field Code Use

The surveyor will use the WSDOT Field Codes for OpenRoads Designer to identify field observations. See Symbology 2 Data Collection.

If an observed feature cannot be defined by the standard WSDOT field code, the surveyor will use the nonstandard codes NSP (Non-Standard Point) or NSL (Non-Standard Line) and assign a note/description to the observation point that describing the nonstandard feature.

D5.04(2) Field Book

A OpenRoads field book provides a graphical, and when applicable a terrain, of the collected field data. When creating a new field book the *WSDOT_3D_Survey_Seed.dgn* seed file is used.

Raw or ASCII field data can be imported into the field book. Each unique contributor to the project existing field data collection should create a fieldbook, this will segregate the data from each unique contributor. See Figure D5-1 Survey Data Model Diagram. Bridges and tunnels will also have their own field book to provide graphics and independent Terrain.

Fieldbook audit files default.log will be generated to document modifications and adjustments made to the fieldbook information.

Each fieldbook is required to use the same datum as defined for the project. The appropriate Geographic Coordinate System file must be attached to the dgn. It is the surveyor's responsibility to ensure the correct datum is used.

D5.04(3) Existing Complex Terrain Model File

A Complex Terrain Model (CTM)file will be created to contain field data collected for the project and provide an existing terrain and any other field graphics and terrain for the project needs. The CTM file shall be stored and organized as defined in this manual (see Deliverables 3 and Deliverables 4).

The appropriate Geographic Coordinate System file must be attached to the CTM file.

D5.05 Survey Deliverables

A complete OpenRoads Designer survey deliverables consists of the following:

- Documenting Datum and Control
- Creating Field Books to importing and processing field data
- Creating the Complex Terrain Model and any other terrains the project requires

See Deliverables 3 and Deliverables 4 for information on project structure and file names.

D6.01 General
D6.02 Data Organization
D6.03 Requirements for Specific Data Types

D6.01 General

This chapter defines the delivery requirements for electronic engineering data compiled, analyzed, and developed in support of project delivery. These represent key components of engineering processes in related disciplines.

The provider is responsible for resolving all omissions, deficiencies, and errors in a timely manner to prevent any negative impacts on the customer's project schedule.

All electronic project files and data shall be stored and organized as defined in this manual (see Deliverables 3 and Deliverables 4*)*.

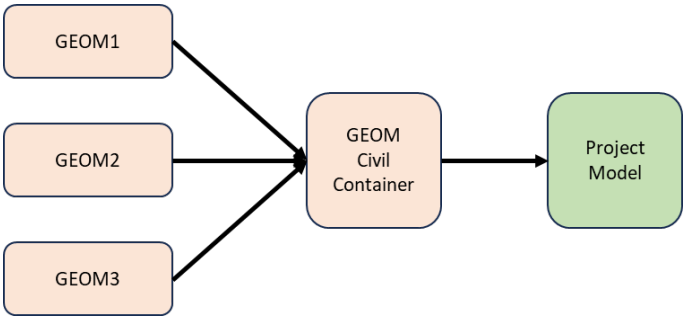
D6.02 Data Organization

When working on WSDOT projects, the following key points should be considered to effectively organize civil data:

- Each core engineering data type element (design file) should be in a separate DGN file.
- Data type element DGN files and supporting components should be referenced together into civil container files. This multiple DGN/model collection or "Federated" file approach allows for multiple users focused on different portions of the project to interact with each other's data in near real time.
- Each civil container shall be referenced to the project model.

Each data type is organized in the same basic approach. For example, each corridor alignment (core data type *GEOM*etry) is stored in a separate DGN file. All corridor GEOM elements are referenced into a GEOM civil container file. This allows for a project view of all alignments/GEOM. Each alignment has a corridor DGN file representing the roadway templates applied and superelevations referenced. Those corridor DGN files are referenced to a corridor civil container file. The resulting data type civil containers are referenced to the project model.

Figure D6-1 Basic data type DGN file reference model



The above applies to all civil data types such as Alignments (GEOM), Corridors, Terrains, Drainage, Traffic Systems, and any other data broken out into portions of the project footprint such as by alignment corridor.

Referencing any model including civil containers to another DGN file should be done by reprojecting via assigned Geographic Coordinate Systems (GCS). If both files do not have GCS assigned, references should be *Coincident World* to align both datasets to the same coordinate values.

Each reference may have more than one level of nested references. Be aware of the impacts to downstream customers of setting nested reference depth too shallow.

D6.03 Requirements for Specific Data Types

There are many OpenRoads data types required to develop and manage project data. Those that have specific requirements are detailed in this section.

D6.03(1) General requirements

All civil elements must be assigned an appropriate Feature Definition. If there is not an appropriate Feature Definition, assign an Element Template.

All Feature Definition elements representing controlling geometry must include a Feature Name with the route designation.

If an appropriate feature definition or element template is not available in the WSDOT CAE environment, contact the WSDOT HQ CAE Help Desk.

All electronic project files and data shall be stored and organized as defined in this manual (see Deliverables 3 and Deliverables 4).

D6.03(2) Terrains

Terrain models represent the resulting ground/design surface generated from survey field data, roadway corridors, ponds, or other 3D surface modelling efforts.

A Complex Terrain Model (CTM) is a single model that acts as a container file by referencing multiple terrain models. This provides a full view of all terrains in the project and how they align with each other. This container file allows for adjustments to individual terrains without impacting downstream reference connections.

Terrains shall be generated in a separate DGN file for each corridor. Terrain models are needed for obtaining quantities, clash detection, creating final merged design terrain, and for creating new terrain DGN files representing staging areas.

The Project Model DGN file shall contain a Complex Terrain Model (CTM) including each corridor terrain to coordinate and represent all impacted/new surfaces by the project effort. This allows for identifying overlaps and gaps between corridor efforts.

Existing terrain(s) generated from collected survey data shall comply with this manual (see Deliverables 5).

Uses seed file WSDOT_2D_Seed.dgn. OpenRoads Designer will automatically create a 3D default model to display the 3D terrain model.

D6.03(3) Geometry

This file is intended to store the horizontal and vertical geometric definitions for each corridor alignment and the associated minor geometry elements.

There will be one geometry file for each alignment.

Each geometric element shall be assigned an appropriate *Feature Definition*.

Uses seed file WSDOT_2D_Seed.dgn.

D6.03(4) Project Specific Roadway Templates Library

The roadway template library (*.ITL) contains all predefined and custom roadway templates used in generating the project roadway corridors.

Each project should include and be directed by default to a [*ProjectName*].itl containing the current (at the time of work area creation) WSDOT standard template library stored in the Project *Design*_*CADD**Templates* folder. If this file is not present, contact WSDOT HQ CAE Help Desk for assistance.

Custom project roadway templates may be added to this library.

If the project requires multiple designers working and managing custom roadway templates at the same time, multiple ITLs are needed so that each designer's work is not overridden by others.

Prior to delivery to Construction, all templates must be copied into the *ProjectName.itl* and re-pathed to ensure functionality from that central ITL.

D6.03(5) Corridor

A corridor DGN file shall be created and used to apply roadway templates and superelevations along each alignment (Geometry) and the applicable project terrain(s).

Each roadway alignment requiring any corridor development will have at least one corridor DGN file.

Each non-roadway or site corridor such as a bridge berm, retention pond, retaining wall, and creek will be treated as a separate corridor design. Each design will including their own geometry, corridor, and other associated DGN files. The files will be named and stored per this manual (see Deliverables 3 and Deliverables 4).

Each corridor model shall have an appropriate *Feature Definition* assigned.

Use seed file *WSDOT_2D_Seed.dgn*. OpenRoads Designer will automatically create a 3D default model to display the 3D terrain model.

D6.03(6) Superelevation

A superelevation DGN file shall be created and used to develop and manage the superelevation for each corridor alignment.

Uses seed file WSDOT_2D_Seed.dgn.

D6.03(7) Cross Section

The objective of cross sections is to view, assess roadway earthwork volumes (Cut and Fill) and the layers of roadway components such as subgrade, at user specified station intervals along the corridor alignment. Two methods can be employed to generate a set of cross sections.

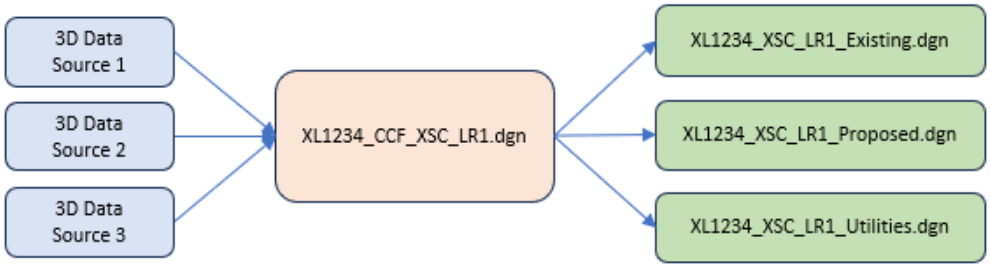
- Using a named boundary group
- Stacked mode

Deliverable roadway cross sections shall be corridor\alignment or reference line based.

Each corridor\alignment shall have a cross section DGN file representing final design at regular intervals and key stations. There may be more than one set of cross sections per corridor.

For site cross sections, a defined reference line shall be included.

Figure D6-2 Cross section data diagram



Within OpenRoads, any element displayed in 3D can be visualized in the cross section view. This can include bridges, culverts, signs, etc. drawn in 3D in other files. The cross sections are created by referencing multiple files together (corridor, terrain, structures, drainage network, etc.).

Uses seed file WSDOT_2D_Seed.dgn.

D6.03(8) Civil Container Files

Civil container files do not contain data themselves but are intended to have all active and current referenced DGN files for each data type element such as geometry, corridors, drainage, utilities, proposed terrains, etc. This should only include the final version of each alignment (geometry) or alignment basemap for example.

Any change made to the DGN files in data type folders will be reflected in the associated container(s). Review the impacted container whenever you make any changes. This approach is more efficient in assessing and identifying any necessary changes.

Do not make changes to the container file other than adding, removing, or modifying references.

Civil Containers shall use the same seed as the data type they contain.

D6.03(9) Project Model

The Project Model includes references of all appropriate civil containers, terrains, and base information. This allows for overall view of the project elements and cross-discipline clash detection.

The project Geographic Coordinate System (GCS) shall be assigned to each Civil Container DGN file.

Uses seed file *WSDOT_2D_Seed.dgn*.

D6.03(9) Report Files

Generate supporting HTML\XML report folders and store them in the same location as the source DGN file. Examples of reports can represent control, geometry, quantities, and superelevations.

Example reports include:

- End Area volumes
- XML alignment reports
- Superelevation transition reports
- Other text reports that describe geometry or surface elements generated during the design process.

Designers should use descriptive names that relate directly to the design function performed and the data being used when creating other design related report files.

Deliverables 7 Drafting and Plans Preparation

D7.01 General
D7.02 Drafting Requirements
D7.03 Data Organization
D7.04 PS&E Deliverables
D7.05 Right of Way Deliverables

D7.01 General

This chapter defines the standards required for preparing electronic Computer Aided Drafting and Design (CADD) data at major milestones including final delivery. These standards are intended to support the *Plans Preparation Manual* (PPM) but relate to the management of electronic files and symbology specifically. The PPM will supersede in the case of any conflicts with this manual.

The designer is responsible for resolving all omissions, deficiencies, and errors in a timely manner to prevent any negative impacts on the project schedule.

D7.02 Drafting Requirements

Contract plan sets and associated deliverables shall be prepared in accordance with the *Plans Preparation Manual* and this manual. The *Plans Preparation Manual* contains guidance and requirements for content and organization of final plotted R/W and PS&E plan sets. This manual contains guidance, appearance, and standards regarding the electronic version of the plan set and the requirements and attributes specific to the electronic version.

All elements shall comply with the Symbology 4 for Right of Way deliverables and Symbology 5 for PS&E deliverables. Exceptions must be approved by the appropriate WSDOT Plan Review staff. For symbology not currently available in the WSDOT CAE standard environment, contact the *WSDOT HQ CAE Help Desk* (hqcaehelpdesk@wsdot.wa.gov) to submit for inclusion.

All project deliverables including supporting files shall be named and stored as defined (see Deliverables 3 and Deliverables 4).

D7.02(1) Element Symbology

All elements – cells, linework, shapes, and text, contained in the DGN file set shall be assigned an appropriate 1) feature definition, or 2) element template. If an appropriate feature definition or element template is not available in the WSDOT CAE environment, contact the *WSDOT HQ CAE Help Desk* (hqcaehelpdesk@wsdot.wa.gov).

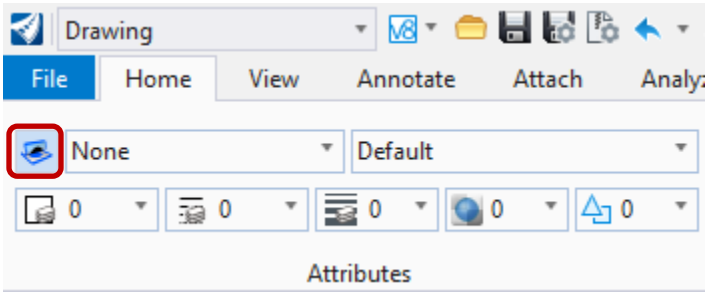
All standard elements shall utilize *ByLevel* active attributes. Selecting an appropriate feature definition or element template sets the active attributes to *ByLevel* by default. Feature definitions may use multiple element templates depending on the view (plan, profile, 3D, etc.) and/or associated annotation group(s). Element templates assign level and all active attributes. This also initiates other settings such as active cell (for point/cell related elements) and in some cases text and other functions based on the element. It also allows for more robust standards checking capabilities.

Important Settings

Prior to drawing any elements in a DGN file, the following settings should be confirmed:

- Element Template Association **ON**

FIG D7-1: Element Template Association in the Active Attributes tool set.

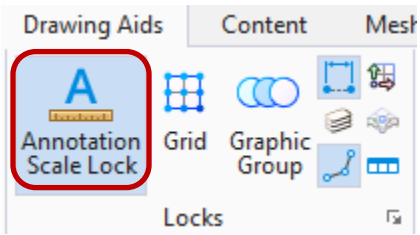


This toggle assigns the element template to new elements as they are created.

If OFF, the element template settings are used, but not retained with the element. This limits standards checking functionality and global change capability.

- Annotation Scale Lock **ON**

FIG D7-2: Annotation Scale Lock



This lock enables dynamic annotation control via the Drawing Annotation Scale control. If OFF, cells, line styles, and text placed will not apply drawing scale changes.

Cells

All cells should be placed at a scale of 1 with Annotation Scale Lock ON. The resulting scale as shown in the *Element Information* dialog will be a factor of the Drawing Scale. If the cell scale is modified (for example x2), the results would be that cell will be twice the size (for example) of standard scale cells at any drawing scale.

Line Styles

After setting the appropriate Element Template, line style placement applies the annotation scale automatically. The results in the Element Information dialog will show a line style scale of 1. The drawing annotation scale is applied internally.

Text

All text shall be assigned an appropriate WSDOT standard Text Style.

For PS&E and Plans for Approval (PFA) plan sheets, minimum text size is 0.07" on 11" x 17" printed sheets, represented by Text Styles 07*.

For Right of Way (R/W) plan sheets, minimum text size for existing text is 0.05", and 0.06" for new text on 11" x 17" printed sheets, represented by Text Styles 05*, and 06* respectively.

Text shall be all upper case.

Specific font and text size requirements for each data item can be found in the Symbology 4 and Symbology 5.

User Levels/Element Templates

As users are not allowed to create new levels, *User-Level* Element Templates have been provided for project-specific requirements that necessitate the drawing of elements of non-standard, or project specific features. In the Element Template selection dialog, enter "User" in the search to see the full listing.

The use of non-standard information on user levels should be kept to a minimum and must be documented.

D7.02(2) Referencing WSDOT Legacy Data

If legacy MicroStation DGN files adhering to WSDOT's previous 63-level standards or Expanded Level standards are to be used in conjunction with files in the current environment, the data should be converted, and coordinate values confirmed to match the current environment data. See FileConversion (WSDOT ProjectWise) or the *WSDOT HQ CAE Help Desk* (hqcaehelpdesk@wsdot.wa.gov) for more info.

D7.03 Data Organization

Base Files

Base files are typically 2D DGN files that contain coordinate (XY) based information for the plan set. This includes locations for all new data and all metadata text related to those elements and features. Except for 3D DGN for existing survey deliverables from photogrammetry and field collection of existing data. Base file purpose is for supporting plans preparation.

In CONNECT, civil containers may act as base plans in development of plan sets. See Deliverables 6 for more information on civil containers.

Depending on the project footprint, activity, and other factors on any specific project, there may be one or more base plans. For small, simple projects it may make more sense to keep all coordinate-based data in one base plan. With more complicated projects it is commonly more efficient to split the coordinate-based information into multiple base plans. Typically, these multiple base plans would contain data for specific activities that translate to plan types (e.g., drainage, channelization, and site preparation) or sources of data (e.g. existing condition, alignments). A multiple base plan organization allows more than one drafter to access and work on base plan data simultaneously. Either configuration is acceptable. However, experience may prove that setting up multiple base plans in the beginning is easier to adjust to project scope creep rather than attempting to manage more than is practical in a single file.

HQ Right of Way Plans Office manages all Right of Way projects and associated plan sets. Each R/W project includes a 2D base plan if available, containing all data to support each R/W plan sheet. Sheet specific annotation is placed in the sheet DGN file.

Sheet Layout

For sheet layout, a named boundary DGN file should be created for consistency across plan types (see WSDOT CAE training video in ProjectWise: 12_CreatingNamedBoundardyBasePlan.mkv).

Container Files

Plans production container files are defined as a blank file with individual files attached as references. Each plan type will have a container of referenced base files that support that discipline. Each container will control the level display for each base reference to support the discipline plan type.

Uses WSDOT 2D seed file.

Sheet Files

Sheet files are used to create the contract plan set or any deliverable that needs to be printed using a border\title block. They are created using Named Boundaries from the project sheet layout DGN file referenced through the discipline/plan type container file. Named boundaries are used to define plan, profile, and cross section clipping areas. Named boundaries tools will create Drawing and Sheet models needed for plan, profiles, and cross section contract sheets. Each sheet shall be generated in a separate DGN file.

Detail sheets such Roadway Sections may not require Named Boundary creation. A sheet model can be created, sheet border placed, and details referenced or drawn directly in the sheet.

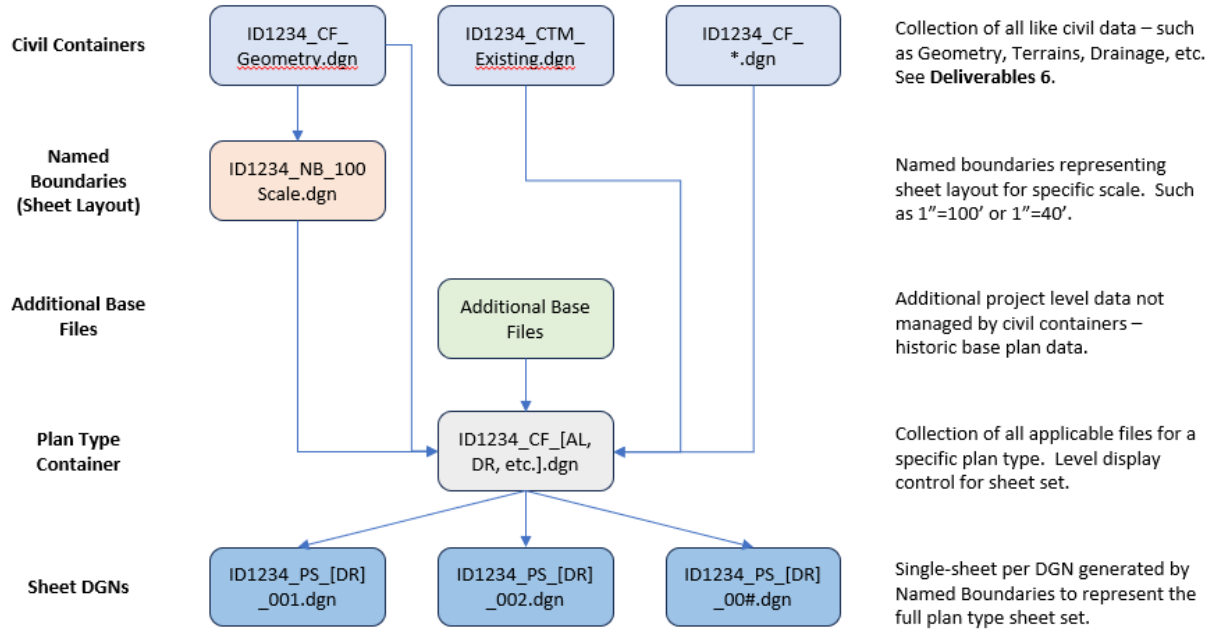
Uses WSDOT 2D seed file.

References

Referencing base plans, civil containers, or any model to another model/DGN file should be done by reprojecting via assigned Geographic Coordinate Systems (GCS). If both models do not have GCS assigned, references should be Coincident World to align both datasets to the same coordinate values.

Each reference may have more than one level of nested references. Be aware of the impacts to downstream customers of setting nested reference depth too shallow.

Figure D7-1 Basic file organization to generate sheet sets



D7.03(1) Managing Sheet Sets/Deliverables

During a WSDOT PS&E project, there may be multiple disciplines working on developing portions of milestone deliverables and, ultimately the complete contract plan set.

Each work area group folder such *as \Design, \Hydraulics*, and *\Traffic, etc.* includes a *_CADD* folder to contain all engineering drawings and deliverables.

The Design group folder includes a breakdown of the _CADD folder to include *_BasePlans* and *\Sheets*. These may be added to each of the remaining active group folders. Under the *\Sheets* folder, additional folders may be created to organize plan types and/or complete milestone deliverables. Limit additional folder depth as much as possible.

Title Block Information

Use ProjectWise Attributes to add/update title block information.

In ProjectWise Explorer, the Work Area Properties control project level attributes and are inherited by sheet border DGN files within the work area. For other title block entries, use the document attributes (right-click > Properties > Attributes) to populate or update values.

In the DGN file, use the Key-in to enter "Titleblock Modify". This accesses the ProjectWise attribute dialog as in the Explorer. Enter title block values and close the dialog.

Do not enter title block data using text commands in the DGN file. This does not carry to the ProjectWise document and may be in conflict when the attribute is entered properly.

Plan Sets

When working with multiple discipline groups, here are a few methods of managing the complete plan set:

- Have the Design team manage all current final sheets within the *Design**_CADD**Sheets* folder structure.
    - This requires communication when a revision is updated, or new sheet created by a discipline is to be added to the complete set.
- Create a plan type folder in *Design**_CADD**Sheets* and place a shortcut to the discipline group's *_CADD**Sheets* folder.
    - This maintains sheet files in their owner discipline group folder.
    - Allows for Design to view all sheet files in all discipline group folders.
    - Communication is still required to ensure the right files and only the right files are included.
- Create a ProjectWise Set that includes all discipline sheet deliverables across all discipline groups.
    - This requires communication when a new sheet is added by a discipline.
    - Revisions or updates to already included files will be visible.

Milestones

When a workflow or deliverable milestone is reached, a copy of all associated files (base, container, sheet, Excel, etc. – anything included in producing the milestone deliverable) will be copied to a new *_CADD****Deliverable_Milestone** folder. Where *Deliverable* is the specific deliverable, and *Milestone* is the state of the deliverable.

Copied files that contain references to base files (for example) will continue to reflect future changes made in those base files. To prevent that from impacting the milestone file set, right-click the new folder and select *Scan References and Linked Sets.* Set the reference search to only include files in the Milestone folder. This will redirect all references in the milestone CADD files. The ***\Deliverable_Milestone*** folder will represent a complete, stand-alone, deliverable package of the indicated milestone.

This can be done for Contract Plans at 30% (*ContractPlans_PSE30*), Contract Plans at Ad Ready (*ContractPlans_AdReady*), Plans for Approval submittals (*PFA_Sumbmittals*) and most other deliverable milestones including Right of Way revision and other coordination efforts.

Final Contract Plans

Final contract plans shall be stored in *Design**ContractAD* using the *Scan References and Linked Sets* utility to isolate the final deliverable set.

Addendums

Addendum sheets are stored in a *Design\ContractAd**Addendum_#** folder. This folder will contain copies of only the files relating to the current addendum. This includes all required referenced base files and only specifically applicable/revised sheet files. No other files shall be included.

Right-click the new addendum folder and select *Scan References and Linked Sets.* Set the reference search to only include files in the addendum folder. This will redirect all references in the addendum CADD files.

File naming conventions will comply with this manual (see Deliverables 4*).*

D7.04 PS&E Deliverables

All PS&E DGN file deliverables shall comply with the *Plans Preparation Manual* - Division 4*.*

Project deliverables include approval submittals such as Plans For Approval (PFA), quantity tabulations, a full set of contract plans, and stakeholder outreach materials, among various other reports and communications along the way.

Basic initial DRAFTING file set contains:

_*CADD\BasePlans\XL1234_NB_100Scale.dgn*

_*CADD\Sheets\AL\XL1234_CF_Alignment.dgn*

_*CADD\Sheets\AL\XL1234_PS_ALG_[001,002,…].dgn*

Sheet Border Dimensions (in paper units)

Sheet deliverables shall be one sheet border per DGN file, stored in the appropriate WSDOT ProjectWise work area structure.

All sheets shall use appropriate WSDOT sheet seeds for the deliverable requirements.

PS&E sheet border are in landscape orientation and measure 10.5” x 15.75” positioned in a plot limit shape to provide the standard margins on 11” x 17” paper.

PFA sheet borders are in landscape orientation and measure 10.5” x 15.75” positioned in a plot limit shape to provide the standard margins on 11” x 17” paper.

Army Corps of Engineers sheet borders are in portrait orientation and measure sheets centered on 8.5” x 11”or 11’ x 17”.

Sheet models shall be used for all sheet deliverables.

Sheet content shall be in accordance with the *Plans Preparation Manual*.

All elements placed directly in the sheet model shall be at 1:1 scale.

PS&E plan sheet title blocks are managed by ProjectWise Title Block Integration (see D7.03(1)).

D7.05 Right of Way Deliverables

All Right of Way DGN file deliverables shall comply with the *Plans Preparation Manual* Division 1 & 2.

Sheet Border Dimensions (in paper units)
Sheet deliverables shall be one sheet border per DGN file, stored in the appropriate WSDOT ProjectWise work area structure.

Each sheet shall be geolocated and full scale to align with the applicable corridor(s).

Right of Way sheet borders are in landscape orientation and measure 21” x 33”. Standard margins are 0.5” on all sides on 22” x 34” paper.

Each Record of Survey sheet border measures 17” x 21.5”. Standard margins are 2” Left, 0.5” all other sides on 18” x 24” paper per most county requirements.

Sheet content shall be in accordance with the *Plans Preparation Manual*.

Right of Way plan sheet title blocks are managed by ProjectWise Title Block Integration (see D7.03(1)).

For additional information on Right of Way deliverable requirements, contact your region Right of Way Plans Office or the WSDOT HQ Right of Way Plans Office (mailto:RWPlans@wsdot.wa.gov).

S1.01 General

S1.01 General

WSDOT deliverables are created using established survey, engineering, and drafting standards and requirements set by the State Design Office. The symbols and conventions listed in this section are intended to comprise all of the standard symbols necessary for the preparation of deliverables for WSDOT. Adherence to these standards is essential to ensure the uniformity of plans produced throughout and for the WSDOT.

Any questions regarding the use of CADD applications to accomplish WSDOT standards should first be forwarded to WSDOT CAE Support (hqcaehelpdesk@wsdot.wa.gov). Questions about the standards themselves should be sent first to the Disciplines' owner (such as HQ Hydraulics for Drainage Elements or HQ Traffic for Traffic Signals, etc…), then to WSDOT CAE Support. Project specific resources not covered by the standards should be forwarded to the WSDOT Plan Reviewer assigned to your project.

All deliverable symbology must have either a Feature Definition or Element Template assigned.

S1.01(1) Feature Definitions

All standard deliverable symbology is represented by WSDOT provided OpenRoads Feature Definitions and Element Templates.

The highest level of control and function is the Feature Definition. Feature Definitions should be used if available – using civil tools to place features.

Feature Definitions are available through the various tools, however, depending on the tool selected, only those Feature Definitions that are associated with that tool are presented for selection.

A listing of applicable feature definitions is included in each Symbology section of this manual representing each discipline.

S1.01(2) Element Templates

Element templates are a secondary level of control and are a component of standards compliancy. They incorporate the level, color, line style, line weight, and other controlling attributes such as text styles, cells, etc.

A listing of applicable element templates is included in each Symbology section of this manual representing each discipline.

S1.01(3) Text Styles

Many feature definitions include combinations of text elements with varying text styles assigned. Annotating these feature definitions will automatically apply the standard text styles for each type of associated text per WSDOT standards.

Some element templates have the appropriate text style assigned. Selecting the element template and placing text would automatically set the appropriate text style.

Some element templates do not have the text style assigned due to a reference or connection to feature definitions. In this case, selecting the element template does not set the text style automatically and it needs to be set manual per the appropriate Symbology section of this manual.

All text elements should have a WSDOT standard text style assigned per this manual.

The text styles indicated in this manual represent standards that will produce readable plans. If a plan sheet becomes too crowded to place text at the minimum text size, a smaller text may be used at the discretion of your WSDOT Plan Review representative.

S1.01(4) Levels

Standard levels remain to be a base method of organizing data. However, the Feature Definitions and Element Templates control level assignments.

Setting the active level manually should not be practiced for standard deliverables. Set either Feature Definitions if available or Element Templates.

S2.01 General
S2.02 Survey Codes by Category
S2.03 Survey Codes by Code

S2.01 General

This section describes the symbology codes used to identify features by field survey, LiDAR, and other collection methods.

Survey crews collect field observations and assign a standard field codes to each point observed. The data is processed, and the results are delivered per requirements.

Current WSDOT standard field codes and control codes shall be used to identify field observed points and ensure the data can be imported into the Agency design software with proper symbology and behavior. This also ensures that the field collected points are identified the same way across all WSDOT projects.

WSDOT standard platform survey field codes by category/path are listed in Symbology 2.02. WSDOT standard platform survey field codes by code are listed in Symbology 2.03.

S2.02 Survey Field Codes by Path/Category

The alphabetical field code listing below provides a complete list of WSDOT standard survey feature by path\category. The paths may includes sub-categories. The Alpha Code represents the assigned field code for each feature.

Terrain Attribute indicates 2D (Do Not Include), void boundaries (Void) or 3D (all others).

Path\Category	Alpha Code	Point/Line	Terrain Attribute	Level	Description
	FDCP	Point	Do Not Include	UT_WT_FireDeptConnPost	FireDeptConnPost
	FDCW	Point	Do Not Include	UT_WT_FireDeptConnWall	FireDeptConnWall
	FH	Point	Do Not Include	UT_WT_FireHydrant	FireHydrant
	MHW	Point	Do Not Include	UT_WT_WaterManhole	WaterManhole
	UTANK	Point	Do Not Include	UT_WT_UndGndTank	UndGndTank
	VAULTW	Point	Do Not Include	UT_WT_UndGndWaterVault	UndGndWaterVault
	VRA	Point	Do Not Include	UT_WT_ValveRelease	ValveRelease
	VW	Point	Do Not Include	UT_WT_ValveBoxWater	ValveBoxWater
	WAT	Linear	Do Not Include	EV_WE_WaterLineMeanHighNew	WaterLine
	WATDA	Linear	Do Not Include	UT_WT_WaterLineDeactive	WaterLineDeactive
	WMB	Point	Do Not Include	UT_WT_WaterMeterBox	WaterMeterBox
Drainage\Ditches					
	AD	Linear	Break Line	DR_PP_AsphaltDitch	AsphaltDitch
	DB	Linear	Break Line	DR_PP_DitchBottomNoDir	DitchBottomNoDir
	DBD	Linear	Break Line	DR_PP_DitchBottom	DitchBottom
Drainage\Pipes					
	CUL	Linear	Do Not Include	SH_DT_RH_CulvertBottomless	Culvert
	DP	Linear	Do Not Include	DR_PP_DrainPipe	DrainPipe
Drainage\Points					
	CB1FL	Point	Do Not Include	DR_PP_CatchBasinFlowLine1	CatchBasinFlowLine1
	CB2FL	Point	Do Not Include	DR_PP_CatchBasinFlowLine2	CatchBasinFlowLine2
	CB3FL	Point	Do Not Include	DR_PP_CatchBasinFlowLine3	CatchBasinFlowLine3
	CB4FL	Point	Do Not Include	DR_PP_CatchBasinFlowLine4	CatchBasinFlowLine4

S2.02 Survey Field Codes by Path/Category

The alphabetical field code listing below provides a complete list of WSDOT standard survey feature by path\category. The paths may includes sub-categories. The Alpha Code represents the assigned field code for each feature.

Terrain Attribute indicates 2D (Do Not Include), void boundaries (Void) or 3D (all others).

Path\Category	Alpha Code	Point/Line	Terrain Attribute	Level	Description
Drainage\Points					
	CB5FL	Point	Do Not Include	DR_PP_CatchBasinFlowLine5	CatchBasinFlowLine5
	CB6FL	Point	Do Not Include	DR_PP_CatchBasinFlowLine6	CatchBasinFlowLine6
	CB7FL	Point	Do Not Include	DR_PP_CatchBasinFlowLine7	CatchBasinFlowLine7
	CB8FL	Point	Do Not Include	DR_PP_CatchBasinFlowLine8	CatchBasinFlowLine8
	DIRP	Point	Spot	DR_PP_DirectionOfPipe	DirectionofPipe
	FLUME	Point	Do Not Include	DR_PP_Flume	Flume
	PIPEFL	Point	Do Not Include	DR_PP_FlowLineForPipes	FlowLineForPipes
Drainage\Ponds					
	DPND	Linear	Break Line	DR_PP_DetentionPond	DetentionPond
	DPNDB	Linear	Break Line	DR_PP_DetentionPondBottom	DetentionPondBottom
	SPG	Linear	Break Line	DR_PP_Spring	Spring
Drainage\Structures					
	AI	Point	Spot	DR_ST_AreaInlet	AreaInlet
	BCUL	Linear	Do Not Include	DR_ST_BoxCulvert	BoxCulvert
	CB	Point	Spot	DR_PP_CatchBasinFlowLine1	CatchBasin
	CI	Point	Spot	DR_ST_ConcreteInlet	ConcreteInlet
	CMI	Point	Spot	DR_ST_CastMetalInlet	CastMetalInlet
	DI	Point	Spot	DR_ST_DropInlet	DropInlet
	DW	Point	Do Not Include	DR_ST_DryWell	DryWell
	GI	Point	Spot	DR_ST_GrateInlet	GrateInlet
	HDWB	Linear	Break Line	DR_ST_HeadWallBottom	HeadWallBottom
	HDWT	Linear	Break Line	DR_ST_HeadWallTop	HeadWallTop
	INL	Point	Spot	DR_ST_InletGeneric	InletGeneric
	INLS	Linear	Break Line	DR_ST_InletSlotted	InletSlotted
	MH	Point	Do Not Include	DR_ST_ManholeConnectionRegion	Manhole

S2.02 Survey Field Codes by Path/Category

The alphabetical field code listing below provides a complete list of WSDOT standard survey feature by path\category. The paths may includes sub-categories. The Alpha Code represents the assigned field code for each feature.

Terrain Attribute indicates 2D (Do Not Include), void boundaries (Void) or 3D (all others).

Path\Category	Alpha Code	Point/Line	Terrain Attribute	Level	Description
Drainage\Structures					
	STMCO	Point	Do Not Include	DR_ST_StormSewerCleanOut	StormSewerCleanOut
	WWB	Linear	Break Line	DR_ST_WingWallBottom	WingWallBottom
	WWT	Linear	Break Line	DR_ST_WingWallTop	WingWallTop
Environmental\Erosion Control					
	CSA	Linear	Do Not Include	EV_EC_ContractorSensitiveArea	ContractorSensitiveArea
Environmental\HEC_RAS					
	LB	Linear	Break Line	EV_HR_LeftBank	LeftBank
	LOB	Linear	Do Not Include	EV_HR_LeftOverBank	LeftOverBank
	RB	Linear	Break Line	EV_HR_RightBank	RightBank
	ROB	Linear	Do Not Include	EV_HR_RightOverBank	RightOverBank
Environmental\Irrigation					
	ENVDIT	Linear	Break Line	EV_WE_DitchLineNonJurisdictional	Ditch
	IBX	Point	Do Not Include	EV_IR_Box	Box
	IM	Point	Spot	EV_IR_Meter	Meter
	IRSH	Point	Do Not Include	EV_IR_SprinklerHeadFull	SprinklerHeadFull
	IRV	Point	Do Not Include	EV_IR_Valve	Valve
	VGATE	Point	Do Not Include	EV_IR_ValveGate	ValveGate
Environmental\Landscape					
	FURN	Linear	Do Not Include	EV_LS_Furnishings	Furnishings
	LWM	Linear	Break Line	EV_LS_LargeWoodyMaterial	LargeWoodyMaterial
	TRTBR	Point	Spot	EV_LS_TreeToBeRemoved	TreeToBeRemoved
Environmental\River Hydraulics					
	RHA	Point	Do Not Include	EV_RH_Anchor	Anchor
	SSLBRK	Linear	Break Line	EV_RH_StreamSlopeBreak	StreamSlopeBreak
Environmental\Wetlands					
	BIOF	Linear	Break Line	EV_WE_BiofiltrationSwale	BiofiltrationSwale

S2.02 Survey Field Codes by Path/Category

The alphabetical field code listing below provides a complete list of WSDOT standard survey feature by path\category. The paths may includes sub-categories. The Alpha Code represents the assigned field code for each feature.

Terrain Attribute indicates 2D (Do Not Include), void boundaries (Void) or 3D (all others).

Path\Category	Alpha Code	Point/Line	Terrain Attribute	Level	Description
Environmental\Wetlands					
	OHWF	Point	Do Not Include	EV_WE_WaterLineOrdinaryHighFlag	WaterLineOrdinaryHighFlag
	SOILP	Point	Spot	TE_PT_SoilPit	SoilPit
	WLF	Point	Spot	EV_WE_WetlandFlag	Flag
	WLSF	Point	Do Not Include	EV_WE_WetlandSampleFlag	WetlandSampleFlag
Right of Way\Boundaries					
	ROWM	Point	Do Not Include	RW_BD_RWMarker	RWMarker
	ROWMC	Point	Do Not Include	RW_BD_RWMarkerCalcd	RWMarkerCalcd
	ROWMF	Point	Do Not Include	RW_BD_RWMarkerFound	RWMarkerFound
	ROWMNF	Point	Do Not Include	RW_BD_RWMarkerNotFound	RWMarkerNotFound
Right of Way\Parcels					
	FC	Point	Do Not Include	RW_PA_FenceCorner	FenceCorner
Roadway\Barrier					
	BA	Linear	Do Not Include	RD_BR_BarrierCenter	BarrierCenter
	BACT	Linear	Break Line	RD_BR_BarrierCenterTemporary	BarrierCenterTemporary
	BAT	Linear	Do Not Include	RD_BR_BarrierTopNew	BarrierTop
	BF	Linear	Break Line	RD_BR_BarrierFace	BarrierFace
	BOL	Point	Do Not Include	ST_GD_BollardNew	Bollard
	CBAR	Linear	Do Not Include	RD_BR_CableBarrier3D	CableBarrier
	FE, FEBD	Linear	Do Not Include	EV_EC_FenceHighVisConstNew	Fence
	GATE	Point	Spot	EV_IR_ValveGate	Gate
	GATES	Point	Spot	RD_BR_GateSingle	GateSingle
	GP	Point	Do Not Include	RD_BR_GuidePost	GuidePost
	GR, GRBD	Linear	Do Not Include	RD_BR_Guardrail	Guardrail
	GRA	Point	Spot	RD_BR_GuardrailAnchor	GuardrailAnchor
	IA	Point	Do Not Include	RD_BR_ImpactAttenuator	ImpactAttenuator
Roadway\Berm					

S2.02 Survey Field Codes by Path/Category

The alphabetical field code listing below provides a complete list of WSDOT standard survey feature by path\category. The paths may includes sub-categories. The Alpha Code represents the assigned field code for each feature.

Terrain Attribute indicates 2D (Do Not Include), void boundaries (Void) or 3D (all others).

Path\Category	Alpha Code	Point/Line	Terrain Attribute	Level	Description
Roadway\Berm					
	ABRM	Linear	Break Line	RD_BM_AsphaltBerm	AsphaltBerm
	NB	Linear	Break Line	RD_BM_NoiseBerm	NoiseBerm
Roadway\Curb-Gutter-Sidewalk					
	AC	Linear	Break Line	RD_CG_CurbAsphaltFace	CurbAsphaltFace
	CBB	Linear	Break Line	RD_CG_CurbBackNew	CurbBack
	CBT	Linear	Break Line	RD_CG_CurbTop	CurbTop
	CF	Linear	Break Line	RD_CG_CurbFace	CurbFace
	CFTI	Linear	Break Line	RD_CG_CurbTrafficIslandFace	CurbTrafficIslandFace
	CGF	Linear	Break Line	RD_CG_CurbAndGutter	CurbAndGutter
	DWS	Linear	Break Line	RD_CG_DetectableWarningSurface	DetectableWarningSurface
	GF	Linear	Break Line	RD_CG_GutterFace	GutterFace
	JNT	Linear	Break Line	RD_CG_Joint	Joint
	SW	Linear	Break Line	RD_CG_SidewalkBackNew	Sidewalk
	SWB	Linear	Break Line	RD_CG_SidewalkBackNew	SidewalkBack
	SWF	Linear	Break Line	RD_CG_SidewalkFaceBottomNew	SidewalkFace
	SWR	Linear	Break Line	RD_CG_SidewalkRamp	SidewalkRamp
	WC	Linear	Break Line	RD_CG_CurbWoodenFace	CurbWoodenFace
Roadway\Edges					
	APB	Linear	Break Line	RD_ED_AsphaltPvmntBreak	AsphaltPvmntBreak
	BIKEE	Linear	Break Line	RD_ED_BikePathEdge	BikePathEdge
	CPB	Linear	Break Line	RD_ED_ConcretePvmntBreak	ConcretePvmntBreak
	CR	Linear	Break Line	RD_ED_CrownofRoad	CrownofRoad
	CUTB	Linear	Break Line	RD_ED_CutBottom	CutBottom
	CUTT	Linear	Break Line	RD_ED_CutTop	CutTop
	EBST	Linear	Break Line	RD_ED_ShoulderBSTEdge	ShoulderBSTEdge

S2.02 Survey Field Codes by Path/Category

The alphabetical field code listing below provides a complete list of WSDOT standard survey feature by path\category. The paths may includes sub-categories. The Alpha Code represents the assigned field code for each feature.

Terrain Attribute indicates 2D (Do Not Include), void boundaries (Void) or 3D (all others).

Path\Category	Alpha Code	Point/Line	Terrain Attribute	Level	Description
Roadway\Edges					
	EDW	Linear	Break Line	RD_ED_DrivewayEdge	DrivewayEdge
	EGDW	Linear	Break Line	RD_ED_DrivewayGravelEdgeNew	DrivewayGravelEdge
	EGS	Linear	Break Line	RD_ED_ShoulderGravelEdge	ShoulderGravelEdge
	EPDW	Linear	Break Line	RD_ED_DrivewayPavedEdgeNew	DrivewayPavedEdge
	EPS	Linear	Break Line	RD_ED_ShoulderPavedEdge	ShoulderPavedEdge
	FT	Linear	Break Line	RD_ED_FillToe	FillToe
	FTOP	Linear	Break Line	RD_ED_FillTop	FillTop
	LIMITM	Linear	Break Line	RD_ED_MeasurementLimit	MeasurementLimit
	PATH	Linear	Break Line	RD_ED_PedPathEdge	PedPathEdge
	ROADEGG	Linear	Break Line	RD_ED_GenericEdgeGravel	GenericEdgeGravel
	SAW	Linear	Break Line	RD_ED_Sawcut	Sawcut
	SF	Linear	Do Not Include	RD_ED_StressFracture	StressFracture
Roadway\Markings\Striping					
	BL	Linear	Break Line	RD_MK_LineBarrier	LineBarrier
	CWL	Linear	Do Not Include	RD_MK_LineCrosswalkBar10FtLane	LineCrosswalk
	DEL	Linear	Break Line	RD_MK_LineDottedExtension	LineDottedExtension
	DLL	Linear	Break Line	RD_MK_LineDropLane	LineDropLane
	DLNE	Linear	Break Line	RD_MK_LineDblLane	LineDblLane
	DWL	Linear	Break Line	RD_MK_LineDottedWide	LineDottedWide
	DY	Linear	Break Line	RD_MK_LineDblYellowCenter	LineDblYellowCenter
	EL	Linear	Break Line	RD_MK_LineEdgeWhite	LineEdgeWhite
	ELY	Linear	Break Line	RD_MK_LineEdgeYellow	LineEdgeYellow
	LL	Linear	Break Line	RD_MK_LineLaneRAStrong	LineLane
	NPL	Linear	Break Line	RD_MK_LineNoPass	LineNoPass
	RLL	Linear	Break Line	RD_MK_LineReversibleLane	LineReversibleLane

S2.02 Survey Field Codes by Path/Category

The alphabetical field code listing below provides a complete list of WSDOT standard survey feature by path\category. The paths may includes sub-categories. The Alpha Code represents the assigned field code for each feature.

Terrain Attribute indicates 2D (Do Not Include), void boundaries (Void) or 3D (all others).

Path\Category	Alpha Code	Point/Line	Terrain Attribute	Level	Description
Roadway\Markings\Striping					
	RPML	Linear	Break Line	RD_MK_LineRPMSkip	LineRPMSkip
	RPMLS	Linear	Break Line	RD_MK_LineRPMSolid	LineRPMSolid
	SCL	Linear	Break Line	RD_MK_LineSkipCenter	LineSkipCenter
	SL	Linear	Do Not Include	RD_MK_LineStop	LineStop
	TWLT	Linear	Break Line	RD_MK_LineTwoWayLTTurn	LineTwoWayLTTurn
	WL	Linear	Break Line	RD_MK_LineWideDottedLaneNew	LineWide
	WLS	Linear	Break Line	RD_MK_LineSkipWide	LineSkipWide
Roadway\Markings\Symbols					
	RRS	Point	Do Not Include	RD_MK_RRSymb	RRSymb
	RRSA	Point	Do Not Include	RD_MK_RRSymbAlt	RRSymbAlt
	SHARROW	Point	Do Not Include	RD_MK_SharedLaneSymbNew	SharedLaneSymb
	TAa	Point	Do Not Include	RD_MK_TrafficArrowType1S	TrafficArrowType1
	TABS	Point	Do Not Include	RD_MK_TrafficArrowType5S	TrafficArrowType5S
	TAbSL	Point	Do Not Include	RD_MK_TrafficArrowType2SL	TrafficArrowType2SL
	TAbSR	Point	Do Not Include	RD_MK_TrafficArrowType2SR	TrafficArrowType2SR
	TAcL	Point	Do Not Include	RD_MK_TrafficArrowType3L	TrafficArrowType3L
	TAcR	Point	Do Not Include	RD_MK_TrafficArrowType3R	TrafficArrowType3R
	TAdS	Point	Do Not Include	RD_MK_TrafficArrowType4S	TrafficArrowType4S
	TAe	Point	Do Not Include	RD_MK_TrafficArrowType5	TrafficArrowType5
	TAfSL	Point	Do Not Include	RD_MK_TrafficArrowType6SL	TrafficArrowType6SL
	TAfSR	Point	Do Not Include	RD_MK_TrafficArrowType6SR	TrafficArrowType6SR
	TAg	Point	Do Not Include	RD_MK_TrafficArrowType7S	TrafficArrowType7
	TAL	Point	Do Not Include	RD_MK_TrafficArrowType2L	TrafficArrowType2L
	TALF	Point	Do Not Include	RD_MK_TrafficArrowType6L	TrafficArrowType6L
	TALR	Point	Do Not Include	RD_MK_TrafficArrowType4	TrafficArrowType4

S2.02 Survey Field Codes by Path/Category

The alphabetical field code listing below provides a complete list of WSDOT standard survey feature by path\category. The paths may includes sub-categories. The Alpha Code represents the assigned field code for each feature.

Terrain Attribute indicates 2D (Do Not Include), void boundaries (Void) or 3D (all others).

Path\Category	Alpha Code	Point/Line	Terrain Attribute	Level	Description
Roadway\Markings\Symbols					
	TALRS	Point	Do Not Include	RD_MK_TrafficArrowType7S	TrafficArrowType7S
	TALS	Point	Do Not Include	RD_MK_TrafficArrowType3SL	TrafficArrowType3SL
	TAR	Point	Do Not Include	RD_MK_TrafficArrowType2R	TrafficArrowType2R
	TARAL	Point	Do Not Include	RD_MK_TrafficArrowRATypeLC	TrafficArrowRATypeL
	TARALC	Point	Do Not Include	RD_MK_TrafficArrowRATypeLC	TrafficArrowRATypeLC
	TARALR	Point	Do Not Include	RD_MK_TrafficArrowRATypeLR	TrafficArrowRATypeLR
	TARALRC	Point	Do Not Include	RD_MK_TrafficArrowRATypeLRC	TrafficArrowRATypeLRC
	TARALT	Point	Do Not Include	RD_MK_TrafficArrowRATypeLT	TrafficArrowRATypeLT
	TARALTC	Point	Do Not Include	RD_MK_TrafficArrowRATypeLTC	TrafficArrowRATypeLTC
	TARALTR	Point	Do Not Include	RD_MK_TrafficArrowRATypeLTR	TrafficArrowRATypeLTR
	TARALTRC	Point	Do Not Include	RD_MK_TrafficArrowRATypeLTRC	TrafficArrowRATypeLTRC
	TARAT	Point	Do Not Include	RD_MK_TrafficArrowRATypeT	TrafficArrowRATypeT
	TARATC	Point	Do Not Include	RD_MK_TrafficArrowRATypeTC	TrafficArrowRATypeTC
	TARATR	Point	Do Not Include	RD_MK_TrafficArrowRATypeTR	TrafficArrowRATypeTR
	TARATRC	Point	Do Not Include	RD_MK_TrafficArrowRATypeTRC	TrafficArrowRATypeTRC
	TARF	Point	Do Not Include	RD_MK_TrafficArrowType6R	TrafficArrowType6R
	TARS	Point	Do Not Include	RD_MK_TrafficArrowType3SR	TrafficArrowType3SR
	TAS	Point	Do Not Include	RD_MK_TrafficArrowType1S	TrafficArrowType1S
	YAHDa	Point	Do Not Include	RD_MK_YieldAheadSymbType1	YieldAheadSymbType1
	YAHDb	Point	Do Not Include	RD_MK_YieldAheadSymbType2	YieldAheadSymbType2
	YLDa	Point	Do Not Include	RD_MK_YieldSymbType1	YieldSymbType1
	YLDb	Point	Do Not Include	RD_MK_YieldSymbType2	YieldSymbType2
Structures\Bridges					
	BAS	Linear	Break Line	ST_BG_BridgeApproachSlab	BridgeApproachSlab
	BPS	Linear	Break Line	ST_BG_BackofPvmntSeat	BackofPvmntSeat

S2.02 Survey Field Codes by Path/Category

The alphabetical field code listing below provides a complete list of WSDOT standard survey feature by path\category. The paths may includes sub-categories. The Alpha Code represents the assigned field code for each feature.

Terrain Attribute indicates 2D (Do Not Include), void boundaries (Void) or 3D (all others).

Path\Category	Alpha Code	Point/Line	Terrain Attribute	Level	Description
Structures\Bridges					
	BRAIL	Linear	Do Not Include	ST_BG_BridgeRail	BridgeRail
	BRDKS	Point	Do Not Include	ST_BG_BridgeDeckSelective	BridgeDeckSelective
	BREJ	Linear	Do Not Include	ST_BG_BridgeExpansionJoint	BridgeExpansionJoint
	BRF	Linear	Do Not Include	ST_BG_BridgeFooting	BridgeFooting
	BRGPIL	Linear	Do Not Include	ST_BG_BridgePile	BridgePile
	BRGRD	Linear	Do Not Include	ST_BG_BridgeGirder	BridgeGirder
	BRGSHFT	Linear	Do Not Include	ST_BG_BridgeShaft	BridgeShaft
	BRP	Linear	Do Not Include	ST_BG_BridgePier	BridgePier
Structures\Tunnels					
	TUN	Linear	Do Not Include	RD_ED_PvmntBreakTunnel	Tunnel
Structures\Walls					
	GBW	Linear	Break Line	ST_WA_GabionWall	GabionWall
	GBWB	Linear	Break Line	ST_WA_GabionWallBottom	GabionWallBottom
	GBWT	Linear	Break Line	ST_WA_GabionWallTop	GabionWallTop
	NWB	Linear	Break Line	ST_WA_NoiseWallBottomNew	NoiseWallBottom
	NWT	Linear	Break Line	ST_WA_NoiseWallTopNew	NoiseWallTop
	RWB	Linear	Break Line	ST_WA_RetainingWallBottomNew	RetainingWallBottom
	RWT	Linear	Break Line	ST_WA_RetainingWallTopNew	RetainingWallTop
Terrain\Existing					
	BKL	Linear	Break Line	TE_NW_BreaklineNew	Breakline
	SE	Point	Spot	TE_EX_SpotElevation	SpotElevation
Terrain\Points					
	CHECK	Point	Do Not Include	TE_PT_DTMCheck	DTMCheck
	LIDA	Point	Spot	TE_PT_LIDARAirborne	LIDARAirborne
	LIDT	Point	Spot	TE_PT_LIDARTerrestrial	LIDARTerrestrial
Topography\Manmade					

S2.02 Survey Field Codes by Path/Category

The alphabetical field code listing below provides a complete list of WSDOT standard survey feature by path\category. The paths may includes sub-categories. The Alpha Code represents the assigned field code for each feature.

Terrain Attribute indicates 2D (Do Not Include), void boundaries (Void) or 3D (all others).

Path\Category	Alpha Code	Point/Line	Terrain Attribute	Level	Description
Topography\Manmade					
	ARUC	Linear	Do Not Include	TP_MM_AreaUnderConstr	AreaUnderConstr
	BENCH	Linear	Break Line	RD_ED_BenchNew	Bench
	BH	Point	Do Not Include	TP_MM_BoreHoleOrDrillHole	BoreHoleOrDrillHole
	BU	Linear	Do Not Include	TP_MM_BldgNotClosed	BuildingNotClosed
	BUCDNC	Linear	Do Not Include	TP_MM_BldgUnderConstNotClosed	BuildingUnderConst
	BUCINT	Linear	Do Not Include	TP_MM_BldgUnderConstClosed	BuildingUnderConstClosed
	BUDNC	Linear	Do Not Include	TP_MM_BldgUnderConstNotClosed	Building
	BUINT	Linear	Do Not Include	TP_MM_BldgClosed	BuildingClosed
	BUR	Linear	Do Not Include	TP_MM_BldgRoof	BuildingRoof
	C	Point	Spot	TP_MM_ConcreteSelective	Concreteselective
	CSP	Linear	Break Line	TP_MM_ConcreteSlopeProtection	ConcreteSlopeProtection
	DAM	Linear	Break Line	EV_EC_CheckDamBioNew	Dam
	DECK	Linear	Do Not Include	ST_BG_BridgeDeckLimits	Deck
	DIKE	Linear	Break Line	EV_EC_InterceptorDikeNew	Dike
	DOCK	Linear	Do Not Include	TP_MM_Dock	Dock
	DTIE	Linear	Do Not Include	TP_MM_DistanceTie	DistanceTie
	FNDN	Linear	Do Not Include	TP_MM_Foundation	Foundation
	FPOLE	Point	Do Not Include	TP_MM_FlagPole	FlagPole
	GPA	Linear	Break Line	TP_MM_GravelParkingArea	GravelParkingArea
	GTANK	Point	Do Not Include	TP_MM_GasTank	GasTank
	HDG, HDGB	Linear	Do Not Include	RD_ED_BikePathEdge	Hedge
	HNDRAIL	Linear	Do Not Include	TP_MM_HandRail	HandRail
	L	Point	Do Not Include	TP_MM_YardLight	YardLight
	MB	Point	Do Not Include	TP_MM_MailBox	MailBox
	MWEL	Point	Spot	TP_MM_MonitorWell	MonitorWell

S2.02 Survey Field Codes by Path/Category

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Terrain Attribute indicates 2D (Do Not Include), void boundaries (Void) or 3D (all others).

Path\Category	Alpha Code	Point/Line	Terrain Attribute	Level	Description
Topography\Manmade					
	OTANK	Point	Do Not Include	TP_MM_OilTank	OilTank
	P	Point	Spot	TP_MM_PvmntSelective	Pvmntselective
	PAR	Linear	Break Line	RD_ED_PavedAreaNew	PavedArea
	PATIO	Linear	Do Not Include	EV_LS_SoilDecompationArea	Patio
	PILE	Point	Do Not Include	TP_MM_Piling	Piling
	PIPE	Linear	Do Not Include	SF_TC_PipeZoneBackfill	Pipe
	PM	Point	Do Not Include	TP_MM_ParkingMeter	ParkingMeter
	POSTM	Point	Do Not Include	TP_MM_PostMetal	PostMetal
	POSTW	Point	Do Not Include	TP_MM_PostWood	PostWood
	PPA	Linear	Break Line	RD_ED_PavedParkingAreaNew	PavedParkingArea
	RESV	Linear	Break Line	TP_MM_Reservoir	Reservoir
	RIP	Linear	Break Line	TP_MM_RipRapEdge	RipRapEdge
	RR, RRBD	Linear	Do Not Include	TP_MM_RRCenterTracks	RRCenterTracks
	RRT	Linear	Do Not Include	TP_MM_RRRailTop	RRRailTop
	SLAB	Linear	Break Line	TP_MM_ConcreteSlab	ConcreteSlab
	SPB	Linear	Break Line	TP_MM_StockpileBottom	StockpileBottom
	SPT	Linear	Break Line	TP_MM_StockpileTop	StockpileTop
	STAIR	Linear	Do Not Include	TP_MM_Stair	Stair
	TANK	Point	Do Not Include	TP_MM_GasTank	Tank
	TRAIL	Linear	Break Line	AL_RW_CLineTrail	Trail
	ULOBJM	Linear	Do Not Include	TP_MM_UnknownLinearObject	UnknownLinearObject
	UOBJM	Point	Do Not Include	TP_MM_UnknownObject	UnknownObject
	WEIR	Linear	Break Line	TP_MM_Weir	Weir
	WELL	Point	Do Not Include	TP_MM_MonitorWell	Well
	WTANK	Point	Do Not Include	TP_MM_WaterTank	WaterTank

S2.02 Survey Field Codes by Path/Category

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Terrain Attribute indicates 2D (Do Not Include), void boundaries (Void) or 3D (all others).

Path\Category	Alpha Code	Point/Line	Terrain Attribute	Level	Description
Topography\Natural					
	APP	Linear	Void	TP_NT_PartiallyObscureArea	PartiallyObscureArea
	BB	Linear	Break Line	TP_NT_BankBottom	BankBottom
	BRSH	Linear	Do Not Include	TP_NT_BrushLine	BrushLine
	BT	Linear	Break Line	TP_NT_BankTop	BankTop
	CHB	Linear	Break Line	TP_NT_ChannelBreakline	ChannelBreakline
	EW	Linear	Break Line	TP_NT_LargeBodyofWaterEdge	LargeBodyofWaterEdge
	G	Point	Spot	TP_NT_GroundSelective	Groundselective
	LAKE	Linear	Break Line	TP_NT_LakeEdge	LakeEdge
	LOG	Linear	Do Not Include	TP_NT_Log	Log
	NOB	Linear	Do Not Include	TP_NT_Obstruction	Obstruction
	NS, NSL	Linear	Spot And Break	TP_NT_NonStandard	NonStandard
	OBS	Linear	Void	TP_NT_ObscureArea	ObscureArea
	POND	Linear	Contour	TP_NT_PondEdge	PondEdge
	PONDB	Linear	Contour	TP_NT_PondBottom	PondBottom
	RIV	Linear	Break Line	TP_NT_RiverEdge	RiverEdge
	ROCK	Point	Spot	TP_NT_RockLine	Rock
	ROCKL	Linear	Break Line	TP_NT_RockLine	RockLine
	SN	Point	Spot	TP_NT_Sounding	Sounding
	T, TBD	Point	Do Not Include	TP_NT_TreeByCenter	TreeByCenter
	TBDE	Point	Do Not Include	TP_NT_TreeByEdge	TreeByEdge
	TH	Linear	Break Line	TP_NT_Thalweg	Thalweg
	TL	Linear	Do Not Include	TP_NT_TreeLine	TreeLine
	TPL	Linear	Break Line	TP_NT_TopographyLimit	TopographyLimit
	TPLC	Linear	Boundary	TP_NT_TopographyLimitClosed	TopographyLimitClosed
	WE	Linear	Break Line	EV_WE_WaterEdgeStream	WaterEdge

S2.02 Survey Field Codes by Path/Category

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Terrain Attribute indicates 2D (Do Not Include), void boundaries (Void) or 3D (all others).

Path\Category	Alpha Code	Point/Line	Terrain Attribute	Level	Description
Traffic\Illumination					
	ESBI	Point	Do Not Include	TR_IL_ElectricalServiceCab	ElectricalServiceCab
	LPOLE	Point	Do Not Include	TR_IL_LightPole	LightPole
	NAV	Point	Do Not Include	TR_IL_NavigationLight	NavigationLight
Traffic\Illumination\Boxes					
	JB	Point	Do Not Include	TR_IL_JBoxUnknown	JBoxUnknown
Traffic\Signals					
	FLBCN	Point	Do Not Include	TR_SG_FlashingBeacon	FlashingBeacon
	MSTAS	Point	Do Not Include	TR_SG_MastArmSign	MastArmSign
	SCAB	Point	Do Not Include	TR_SG_ElectServiceCabinet	ElectServiceCabinet
	UCP	Point	Do Not Include	TR_SG_UtilityCompanyPedestal	UtilityCompanyPedestal
Traffic\Signals\Detection Loops					
	TSL	Point	Do Not Include	TR_SG_SignalLoopUnknown	SignalLoopUnknown
Traffic\Signals\Pedestrian					
	PBBP	Point	Do Not Include	TR_SG_PedPushButtonPost	PedPushButtonPost
	PBUT	Point	Do Not Include	TR_SG_PedPushButton	PedPushButton
Traffic\Signals\Ramp-Signal					
	RMSG	Point	Do Not Include	TR_SG_RampMeterSignal	RampMeterSignal
	RMSGL	Point	Do Not Include	TR_SG_RampMeterSignalLT	RampMeterSignalLT
	RMSGR	Point	Do Not Include	TR_SG_RampMeterSignalRT	RampMeterSignalRT
	SGP	Point	Do Not Include	TR_SG_SignalPoleUnknown	SignalPoleUnknown
	SH	Point	Do Not Include	SH_TI_DblSignalHeadDetail	SignalHead
Traffic\Signing					
	BARRC	Linear	Do Not Include	TR_SN_Barricade	Barricade
	BBMP	Point	Do Not Include	TR_SN_SignBBoardMultiPost	SignBBoardMultiPost
	BBSP	Point	Do Not Include	TR_SN_SignBBoardSnglPost	SignBBoardSnglPost
	MNCTL	Point	Do Not Include	TR_SN_MonotubeCantilever	MonotubeCantilever

S2.02 Survey Field Codes by Path/Category

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Terrain Attribute indicates 2D (Do Not Include), void boundaries (Void) or 3D (all others).

Path\Category	Alpha Code	Point/Line	Terrain Attribute	Level	Description
Traffic\Signing					
	OVRSGN	Point	Do Not Include	TR_SN_OverheadSign	OverheadSign
	SIGN	Point	Do Not Include	SH_GI_TitleBlockTagText_Design	Sign
	SIGNb	Point	Do Not Include	TR_SN_SignDblPost	SignDblePost
	SIGNc	Point	Do Not Include	TR_SN_SignTriplePost	SignTriplePost
	SIGNd	Point	Do Not Include	TR_SN_SignFourPost	SignFourPost
	TRCAN	Point	Do Not Include	TR_SN_TrussCantilever	TrussCantilever
	TRSGBG	Point	Do Not Include	TR_SN_TrussSignBridge	TrussSignBridge
Traffic\Traffic Systems					
	ADVWS	Point	Do Not Include	TR_TS_AdvancedWarningSign	AdvancedWarningSign
	ATMCC	Point	Do Not Include	TR_TS_ATMControlCabinet	ATMControlCabinet
	CAM	Point	Do Not Include	TR_TS_CCTVCamera	CCTVCamera
	CBLV	Point	Do Not Include	TR_TS_CableVault	CableVault
	POWPAN	Point	Do Not Include	TR_TS_PowerPanel	PowerPanel
	PTRC	Point	Do Not Include	TR_TS_PermTrafficRecorderCab	PermTrafficRecorderCab
	TLRTSN	Point	Do Not Include	TR_TS_TollRateSign	TollRateSign
	TOLLCAB	Point	Do Not Include	TR_TS_TollCabinet	TollCabinet
	TRFCB	Point	Do Not Include	TR_TS_TransformerCabinet	TransformerCabinet
	TTCAB	Point	Do Not Include	TR_TS_FiberTerminalCabinet	TerminalCabinet
	TVCB	Point	Do Not Include	TR_TS_CCTVControlCabinet	CCTVControlCabinet
Utilities\Communication					
	CMPED	Point	Spot	UT_CM_3DBtm-CommunicationPedestal	CommunicationPedestal
	COMANT	Point	Do Not Include	UT_CM_CommunicationAntenna	CommunicationAntenna
	MHT	Point	Do Not Include	UT_CM_TelephoneManhole	TelephoneManhole
	OCAB	Linear	Do Not Include	UT_CM_AbvGndCableTV	AbvGndCableTV
	OCL	Linear	Do Not Include	UT_CM_AbvGndCommLine	AbvGndCommLine

S2.02 Survey Field Codes by Path/Category

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Terrain Attribute indicates 2D (Do Not Include), void boundaries (Void) or 3D (all others).

Path\Category	Alpha Code	Point/Line	Terrain Attribute	Level	Description
Utilities\Communication					
	OOFC	Linear	Do Not Include	UT_CM_AbvGndFiberOpticCable	AbvGndFiberOpticCable
	OTEL	Linear	Do Not Include	UT_CM_AbvGndTelephoneLine	AbvGndTelephoneLine
	TBTH	Point	Do Not Include	UT_CM_TelephoneBooth	TelephoneBooth
	TBX	Point	Do Not Include	UT_CM_TelephoneBox	TelephoneBox
	TP	Point	Do Not Include	UT_CM_TelephonePole	TelephonePole
	UCAB	Linear	Do Not Include	UT_CM_UndGndCableTV	UndGndCableTV
	UCB	Point	Do Not Include	UT_CM_UndGndCableBox	UndGndCableBox
	UCL	Linear	Do Not Include	UT_CM_UndGndCommLine	UndGndCommLine
	UOFC	Linear	Do Not Include	UT_CM_UndGndFiberOptic	UndGndFiberOptic
	UPD	Point	Do Not Include	UT_CM_UnknownPedestal	UnknownPedestal
	UTB	Point	Do Not Include	UT_CM_UndGndTelephoneBox	UndGndTelephoneBox
	UTEL	Linear	Do Not Include	UT_CM_UndGndTelephoneCable	UndGndTelephoneCable
	VAULTC	Point	Do Not Include	UT_CM_UndGndCommunicationVault	UndGndCommunicationVault
Utilities\Gas					
	GAS	Linear	Do Not Include	UT_GS_GasLine	GasLine
	GMB	Point	Do Not Include	UT_GS_GasMeterBox	GasMeterBox
	OIL	Linear	Do Not Include	UT_GS_OilLine	OilLine
Utilities\General Utility Items					
	CTRS	Point	Do Not Include	UT_GU_CenterOfStructure	CenterOfStructure
	DGA	Point	Do Not Include	UT_GU_DownGuyAnchor	DownGuyAnchor
	GUYL	Linear	Do Not Include	UT_GU_GuyWire	GuyWire
	GUYP	Point	Do Not Include	UT_GU_GuyPole	GuyPole
	MHGU	Point	Do Not Include	UT_GU_UtilityManhole	UtilityManhole
	OULINE	Linear	Do Not Include	UT_GU_AboveGroundUtilityLine	AboveGroundUtilityLine
	OUPT	Point	Do Not Include	UT_GU_AboveGroundUtilityPoint	AboveGroundUtilityPoint

S2.02 Survey Field Codes by Path/Category

The alphabetical field code listing below provides a complete list of WSDOT standard survey feature by path\category. The paths may includes sub-categories. The Alpha Code represents the assigned field code for each feature.

Terrain Attribute indicates 2D (Do Not Include), void boundaries (Void) or 3D (all others).

Path\Category	Alpha Code	Point/Line	Terrain Attribute	Level	Description
Utilities\General Utility Items					
	PH	Point	Do Not Include	UT_GU_PotholeLocation	PotholeLocation
	UBX	Point	Do Not Include	UT_GU_UtilityBox	UtilityBox
	UMP	Point	Do Not Include	UT_GU_UtilityMarkerPost	UtilityMarkerPost
	UP	Point	Do Not Include	UT_GU_UtilityPole	UtilityPole
	VAULT	Point	Do Not Include	UT_GU_UtilityVault	UtilityVault
	VB	Point	Do Not Include	UT_GS_ValveBoxGas	Valvebox
	VENT	Point	Do Not Include	EV_WE_BndryWetlandInventoryNew	Vent
Utilities\Multiple Types					
	OU	Linear	Do Not Include	UT_MT_AbvGndUtilitiesMulti	AbvGndUtilitiesMulti
	UUM	Linear	Do Not Include	UT_MT_UndGndUtilitiesMulti	UndGndUtilitiesMulti
Utilities\Power					
	EB	Point	Do Not Include	UT_PW_ElectBox	ElectBox
	GROD	Point	Do Not Include	UT_PW_GroundRod	GroundRod
	MHPW	Point	Do Not Include	UT_PW_PowerManhole	PowerManhole
	OHTP	Linear	Do Not Include	UT_PW_AbvGndHiTensPowerLine	AbvGndHiTensPowerLine
	OPOW	Linear	Do Not Include	UT_PW_AbvGndPower	AbvGndPower
	PBX	Point	Do Not Include	UT_PW_PowerBox	PowerBox
	PMB	Point	Do Not Include	UT_PW_PowerMeterBox	PowerMeterBox
	PP	Point	Do Not Include	UT_PW_PowerPole	PowerPole
	STMCON	Linear	Do Not Include	UT_PW_SteamConduit	SteamConduit
	VAULTPW	Point	Do Not Include	UT_PW_UndGndPowerVault	UndGndPowerVault
Utilities\Sanitary Sewer					
	DFLD	Linear	Do Not Include	UT_SS_Drainfield	Drainfield
	MHSS	Point	Do Not Include	UT_SS_SanSewerManhole	SanSewerManhole
	SEW	Linear	Do Not Include	UT_SS_SanSewerLine	SanSewerLine

S2.02 Survey Field Codes by Path/Category

The alphabetical field code listing below provides a complete list of WSDOT standard survey feature by path\category. The paths may includes sub-categories. The Alpha Code represents the assigned field code for each feature.

Terrain Attribute indicates 2D (Do Not Include), void boundaries (Void) or 3D (all others).

Path\Category	Alpha Code	Point/Line	Terrain Attribute	Level	Description
Utilities\Sanitary Sewer					
	SSCO	Point	Do Not Include	UT_SS_SanSewerCleanOut	SanSewerCleanOut
	SSFLP	Point	Do Not Include	UT_SS_FlowlinePoint	FlowlinePoint
Utilities\Water					
	FDCP	Point	Do Not Include	UT_WT_FireDeptConnPost	FireDeptConnPost
	FDCW	Point	Do Not Include	UT_WT_FireDeptConnWall	FireDeptConnWall
	FH	Point	Do Not Include	UT_WT_FireHydrant	FireHydrant
	MHW	Point	Do Not Include	UT_WT_WaterManhole	WaterManhole
	VAULTW	Point	Do Not Include	UT_WT_UndGndWaterVault	UndGndWaterVault
	WAT	Linear	Do Not Include	EV_WE_WaterLineMeanHighNew	WaterLine
	WMB	Point	Do Not Include	UT_WT_WaterMeterBox	WaterMeterBox

S2.03 Survey Field Codes by Code

The alphabetical field code listing below provides a complete list of WSDOT standard survey feature by field code. The paths may include sub-categories. The Alpha Code represents the assigned field code for each feature.

Terrain Attribute indicates 2D (Do Not Include), void boundaries (Void) or 3D (all others).

Alpha Code	Path\Category	Description	Point/Line	Terrain Attribute	Level
ABRM	Roadway\Berm	AsphaltBerm	Linear	Break Line	RD_BM_AsphaltBerm
AC	Roadway\Curb-Gutter-Sidewalk	CurbAsphaltFace	Linear	Break Line	RD_CG_CurbAsphaltFace
AD	Drainage\Ditches	AsphaltDitch	Linear	Break Line	DR_PP_AsphaltDitch
ADVWS	Traffic\Traffic Systems	AdvancedWarningSign	Point	Do Not Include	TR_TS_AdvancedWarningSign
AI	Drainage\Structures	AreaInlet	Point	Spot	DR_ST_AreaInlet
APB	Roadway\Edges	AsphaltPvmntBreak	Linear	Break Line	RD_ED_AsphaltPvmntBreak
APP	Topography\Natural	PartiallyObscureArea	Linear	Void	TP_NT_PartiallyObscureArea
ARUC	Topography\Manmade	AreaUnderConstr	Linear	Do Not Include	TP_MM_AreaUnderConstr
ATMCC	Traffic\Traffic Systems	ATMControlCabinet	Point	Do Not Include	TR_TS_ATMControlCabinet
BA	Roadway\Barrier	BarrierCenter	Linear	Do Not Include	RD_BR_BarrierCenter
BACT	Roadway\Barrier	BarrierCenterTemporary	Linear	Break Line	RD_BR_BarrierCenterTemporary
BARRC	Traffic\Signing	Barricade	Linear	Do Not Include	TR_SN_Barricade
BAS	Structures\Bridges	BridgeApproachSlab	Linear	Break Line	ST_BG_BridgeApproachSlab
BAT	Roadway\Barrier	BarrierTop	Linear	Do Not Include	RD_BR_BarrierTopNew
BB	Topography\Natural	BankBottom	Linear	Break Line	TP_NT_BankBottom
BBMP	Traffic\Signing	SignBBoardMultiPost	Point	Do Not Include	TR_SN_SignBBoardMultiPost
BBSP	Traffic\Signing	SignBBoardSnglPost	Point	Do Not Include	TR_SN_SignBBoardSnglPost
BCUL	Drainage\Structures	BoxCulvert	Linear	Do Not Include	DR_ST_BoxCulvert
BENCH	Topography\Manmade	Bench	Linear	Break Line	RD_ED_BenchNew
BF	Roadway\Barrier	BarrierFace	Linear	Break Line	RD_BR_BarrierFace
BH	Topography\Manmade	BoreHoleOrDrillHole	Point	Do Not Include	TP_MM_BoreHoleOrDrillHole
BIKEE	Roadway\Edges	BikePathEdge	Linear	Break Line	RD_ED_BikePathEdge
BIOF	Environmental\Wetlands	BiofiltrationSwale	Linear	Break Line	EV_WE_BiofiltrationSwale
BKL	Terrain\Existing	Breakline	Linear	Break Line	TE_NW_BreaklineNew
BL	Roadway\Markings\Striping	LineBarrier	Linear	Break Line	RD_MK_LineBarrier

S2.03 Survey Field Codes by Code

The alphabetical field code listing below provides a complete list of WSDOT standard survey feature by field code. The paths may include sub-categories. The Alpha Code represents the assigned field code for each feature.

Terrain Attribute indicates 2D (Do Not Include), void boundaries (Void) or 3D (all others).

Alpha Code	Path\Category	Description	Point/Line	Terrain Attribute	Level
BOL	Roadway\Barrier	Bollard	Point	Do Not Include	ST_GD_BollardNew
BPS	Structures\Bridges	BackofPvmntSeat	Linear	Break Line	ST_BG_BackofPvmntSeat
BRAIL	Structures\Bridges	BridgeRail	Linear	Do Not Include	ST_BG_BridgeRail
BRDKS	Structures\Bridges	BridgeDeckSelective	Point	Do Not Include	ST_BG_BridgeDeckSelective
BREJ	Structures\Bridges	BridgeExpansionJoint	Linear	Do Not Include	ST_BG_BridgeExpansionJoint
BRF	Structures\Bridges	BridgeFooting	Linear	Do Not Include	ST_BG_BridgeFooting
BRGPIL	Structures\Bridges	BridgePile	Linear	Do Not Include	ST_BG_BridgePile
BRGRD	Structures\Bridges	BridgeGirder	Linear	Do Not Include	ST_BG_BridgeGirder
BRGSHFT	Structures\Bridges	BridgeShaft	Linear	Do Not Include	ST_BG_BridgeShaft
BRP	Structures\Bridges	BridgePier	Linear	Do Not Include	ST_BG_BridgePier
BRSH	Topography\Natural	BrushLine	Linear	Do Not Include	TP_NT_BrushLine
BT	Topography\Natural	BankTop	Linear	Break Line	TP_NT_BankTop
BU	Topography\Manmade	BuildingNotClosed	Linear	Do Not Include	TP_MM_BldgNotClosed
BUCDNC	Topography\Manmade	BuildingUnderConst	Linear	Do Not Include	TP_MM_BldgUnderConstNotClosed
BUCINT	Topography\Manmade	BuildingUnderConstClosed	Linear	Do Not Include	TP_MM_BldgUnderConstClosed
BUDNC	Topography\Manmade	Building	Linear	Do Not Include	TP_MM_BldgUnderConstNotClosed
BUINT	Topography\Manmade	BuildingClosed	Linear	Do Not Include	TP_MM_BldgClosed
BUR	Topography\Manmade	BuildingRoof	Linear	Do Not Include	TP_MM_BldgRoof
C	Topography\Manmade	Concreteselective	Point	Spot	TP_MM_ConcreteSelective
CAM	Traffic\Traffic Systems	CCTVCamera	Point	Do Not Include	TR_TS_CCTVCamera
CB	Drainage\Structures	CatchBasin	Point	Spot	DR_PP_CatchBasinFlowLine1
CB1FL	Drainage\Points	CatchBasinFlowLine1	Point	Do Not Include	DR_PP_CatchBasinFlowLine1
CB2FL	Drainage\Points	CatchBasinFlowLine2	Point	Do Not Include	DR_PP_CatchBasinFlowLine2
CB3FL	Drainage\Points	CatchBasinFlowLine3	Point	Do Not Include	DR_PP_CatchBasinFlowLine3
CB4FL	Drainage\Points	CatchBasinFlowLine4	Point	Do Not Include	DR_PP_CatchBasinFlowLine4

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Alpha Code	Path\Category	Description	Point/Line	Terrain Attribute	Level
CB5FL	Drainage\Points	CatchBasinFlowLine5	Point	Do Not Include	DR_PP_CatchBasinFlowLine5
CB6FL	Drainage\Points	CatchBasinFlowLine6	Point	Do Not Include	DR_PP_CatchBasinFlowLine6
CB7FL	Drainage\Points	CatchBasinFlowLine7	Point	Do Not Include	DR_PP_CatchBasinFlowLine7
CB8FL	Drainage\Points	CatchBasinFlowLine8	Point	Do Not Include	DR_PP_CatchBasinFlowLine8
CBAR	Roadway\Barrier	CableBarrier	Linear	Do Not Include	RD_BR_CableBarrier3D
CBB	Roadway\Curb-Gutter-Sidewalk	CurbBack	Linear	Break Line	RD_CG_CurbBackNew
CBLV	Traffic\Traffic Systems	CableVault	Point	Do Not Include	TR_TS_CableVault
CBT	Roadway\Curb-Gutter-Sidewalk	CurbTop	Linear	Break Line	RD_CG_CurbTop
CF	Roadway\Curb-Gutter-Sidewalk	CurbFace	Linear	Break Line	RD_CG_CurbFace
CFTI	Roadway\Curb-Gutter-Sidewalk	CurbTrafficIslandFace	Linear	Break Line	RD_CG_CurbTrafficIslandFace
CGF	Roadway\Curb-Gutter-Sidewalk	CurbAndGutter	Linear	Break Line	RD_CG_CurbAndGutter
CHB	Topography\Natural	ChannelBreakline	Linear	Break Line	TP_NT_ChannelBreakline
CHECK	Terrain\Points	DTMCheck	Point	Do Not Include	TE_PT_DTMCheck
CI	Drainage\Structures	ConcreteInlet	Point	Spot	DR_ST_ConcreteInlet
CMI	Drainage\Structures	CastMetalInlet	Point	Spot	DR_ST_CastMetalInlet
CMPED	Utilities\Communication	CommunicationPedestal	Point	Spot	UT_CM_3DBtm-CommunicationPedestal
COMANT	Utilities\Communication	CommunicationAntenna	Point	Do Not Include	UT_CM_CommunicationAntenna
CPB	Roadway\Edges	ConcretePvmntBreak	Linear	Break Line	RD_ED_ConcretePvmntBreak
CR	Roadway\Edges	CrownofRoad	Linear	Break Line	RD_ED_CrownofRoad
CSA	Environmental\Erosion Control	ContractorSensitiveArea	Linear	Do Not Include	EV_EC_ContractorSensitiveArea
CSP	Topography\Manmade	ConcreteSlopeProtection	Linear	Break Line	TP_MM_ConcreteSlopeProtection
CTRS	Utilities\General Utility Items	CenterOfStructure	Point	Do Not Include	UT_GU_CenterOfStructure
CUL	Drainage\Pipes	Culvert	Linear	Do Not Include	SH_DT_RH_CulvertBottomless
CUTB	Roadway\Edges	CutBottom	Linear	Break Line	RD_ED_CutBottom
CUTT	Roadway\Edges	CutTop	Linear	Break Line	RD_ED_CutTop

S2.03 Survey Field Codes by Code

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Alpha Code	Path\Category	Description	Point/Line	Terrain Attribute	Level
CWL	Roadway\Markings\Striping	LineCrosswalk	Linear	Do Not Include	RD_MK_LineCrosswalkBar10FtLane
DAM	Topography\Manmade	Dam	Linear	Break Line	EV_EC_CheckDamBioNew
DB	Drainage\Ditches	DitchBottomNoDir	Linear	Break Line	DR_PP_DitchBottomNoDir
DBD	Drainage\Ditches	DitchBottom	Linear	Break Line	DR_PP_DitchBottom
DECK	Topography\Manmade	Deck	Linear	Do Not Include	ST_BG_BridgeDeckLimits
DEL	Roadway\Markings\Striping	LineDottedExtension	Linear	Break Line	RD_MK_LineDottedExtension
DFLD	Utilities\Sanitary Sewer	Drainfield	Linear	Do Not Include	UT_SS_Drainfield
DGA	Utilities\General Utility Items	DownGuyAnchor	Point	Do Not Include	UT_GU_DownGuyAnchor
DI	Drainage\Structures	DropInlet	Point	Spot	DR_ST_DropInlet
DIKE	Topography\Manmade	Dike	Linear	Break Line	EV_EC_InterceptorDikeNew
DIRP	Drainage\Points	DirectionofPipe	Point	Spot	DR_PP_DirectionOfPipe
DLL	Roadway\Markings\Striping	LineDropLane	Linear	Break Line	RD_MK_LineDropLane
DLNE	Roadway\Markings\Striping	LineDblLane	Linear	Break Line	RD_MK_LineDblLane
DOCK	Topography\Manmade	Dock	Linear	Do Not Include	TP_MM_Dock
DP	Drainage\Pipes	DrainPipe	Linear	Do Not Include	DR_PP_DrainPipe
DPND	Drainage\Ponds	DetentionPond	Linear	Break Line	DR_PP_DetentionPond
DPNDB	Drainage\Ponds	DetentionPondBottom	Linear	Break Line	DR_PP_DetentionPondBottom
DTIE	Topography\Manmade	DistanceTie	Linear	Do Not Include	TP_MM_DistanceTie
DW	Drainage\Structures	DryWell	Point	Do Not Include	DR_ST_DryWell
DWL	Roadway\Markings\Striping	LineDottedWide	Linear	Break Line	RD_MK_LineDottedWide
DWS	Roadway\Curb-Gutter-Sidewalk	DetectableWarningSurface	Linear	Break Line	RD_CG_DetectableWarningSurface
DY	Roadway\Markings\Striping	LineDblYellowCenter	Linear	Break Line	RD_MK_LineDblYellowCenter
EB	Utilities\Power	ElectBox	Point	Do Not Include	UT_PW_ElectBox
EBST	Roadway\Edges	ShoulderBSTEdge	Linear	Break Line	RD_ED_ShoulderBSTEdge
EDW	Roadway\Edges	DrivewayEdge	Linear	Break Line	RD_ED_DrivewayEdge

S2.03 Survey Field Codes by Code

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Alpha Code	Path\Category	Description	Point/Line	Terrain Attribute	Level
EGDW	Roadway\Edges	DrivewayGravelEdge	Linear	Break Line	RD_ED_DrivewayGravelEdgeNew
EGS	Roadway\Edges	ShoulderGravelEdge	Linear	Break Line	RD_ED_ShoulderGravelEdge
EL	Roadway\Markings\Striping	LineEdgeWhite	Linear	Break Line	RD_MK_LineEdgeWhite
ELY	Roadway\Markings\Striping	LineEdgeYellow	Linear	Break Line	RD_MK_LineEdgeYellow
ENVDIT	Environmental\Irrigation	Ditch	Linear	Break Line	EV_WE_DitchLineNonJurisdictional
EPDW	Roadway\Edges	DrivewayPavedEdge	Linear	Break Line	RD_ED_DrivewayPavedEdgeNew
EPS	Roadway\Edges	ShoulderPavedEdge	Linear	Break Line	RD_ED_ShoulderPavedEdge
ESBI	Traffic\Illumination	ElectricalServiceCab	Point	Do Not Include	TR_IL_ElectricalServiceCab
EW	Topography\Natural	LargeBodyofWaterEdge	Linear	Break Line	TP_NT_LargeBodyofWaterEdge
FC	Right of Way\Parcels	FenceCorner	Point	Do Not Include	RW_PA_FenceCorner
FDCP		FireDeptConnPost	Point	Do Not Include	UT_WT_FireDeptConnPost
FDCP	Utilities\Water	FireDeptConnPost	Point	Do Not Include	UT_WT_FireDeptConnPost
FDCW		FireDeptConnWall	Point	Do Not Include	UT_WT_FireDeptConnWall
FDCW	Utilities\Water	FireDeptConnWall	Point	Do Not Include	UT_WT_FireDeptConnWall
FE, FEBD	Roadway\Barrier	Fence	Linear	Do Not Include	EV_EC_FenceHighVisConstNew
FH		FireHydrant	Point	Do Not Include	UT_WT_FireHydrant
FH	Utilities\Water	FireHydrant	Point	Do Not Include	UT_WT_FireHydrant
FLBCN	Traffic\Signals	FlashingBeacon	Point	Do Not Include	TR_SG_FlashingBeacon
FLUME	Drainage\Points	Flume	Point	Do Not Include	DR_PP_Flume
FNDN	Topography\Manmade	Foundation	Linear	Do Not Include	TP_MM_Foundation
FPOLE	Topography\Manmade	FlagPole	Point	Do Not Include	TP_MM_FlagPole
FT	Roadway\Edges	FillToe	Linear	Break Line	RD_ED_FillToe
FTOP	Roadway\Edges	FillTop	Linear	Break Line	RD_ED_FillTop
FURN	Environmental\Landscape	Furnishings	Linear	Do Not Include	EV_LS_Furnishings
G	Topography\Natural	Groundselective	Point	Spot	TP_NT_GroundSelective

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Alpha Code	Path\Category	Description	Point/Line	Terrain Attribute	Level
GAS	Utilities\Gas	GasLine	Linear	Do Not Include	UT_GS_GasLine
GATE	Roadway\Barrier	Gate	Point	Spot	EV_IR_ValveGate
GATES	Roadway\Barrier	GateSingle	Point	Spot	RD_BR_GateSingle
GBW	Structures\Walls	GabionWall	Linear	Break Line	ST_WA_GabionWall
GBWB	Structures\Walls	GabionWallBottom	Linear	Break Line	ST_WA_GabionWallBottom
GBWT	Structures\Walls	GabionWallTop	Linear	Break Line	ST_WA_GabionWallTop
GF	Roadway\Curb-Gutter-Sidewalk	GutterFace	Linear	Break Line	RD_CG_GutterFace
GI	Drainage\Structures	GrateInlet	Point	Spot	DR_ST_GrateInlet
GMB	Utilities\Gas	GasMeterBox	Point	Do Not Include	UT_GS_GasMeterBox
GP	Roadway\Barrier	GuidePost	Point	Do Not Include	RD_BR_GuidePost
GPA	Topography\Manmade	GravelParkingArea	Linear	Break Line	TP_MM_GravelParkingArea
GR, GRBD	Roadway\Barrier	Guardrail	Linear	Do Not Include	RD_BR_Guardrail
GRA	Roadway\Barrier	GuardrailAnchor	Point	Spot	RD_BR_GuardrailAnchor
GROD	Utilities\Power	GroundRod	Point	Do Not Include	UT_PW_GroundRod
GTANK	Topography\Manmade	GasTank	Point	Do Not Include	TP_MM_GasTank
GUYL	Utilities\General Utility Items	GuyWire	Linear	Do Not Include	UT_GU_GuyWire
GUYP	Utilities\General Utility Items	GuyPole	Point	Do Not Include	UT_GU_GuyPole
HDG, HDGBD	Topography\Manmade	Hedge	Linear	Do Not Include	RD_ED_BikePathEdge
HDWB	Drainage\Structures	HeadWallBottom	Linear	Break Line	DR_ST_HeadWallBottom
HDWT	Drainage\Structures	HeadWallTop	Linear	Break Line	DR_ST_HeadWallTop
HNDRAIL	Topography\Manmade	HandRail	Linear	Do Not Include	TP_MM_HandRail
IA	Roadway\Barrier	ImpactAttenuator	Point	Do Not Include	RD_BR_ImpactAttenuator
IBX	Environmental\Irrigation	Box	Point	Do Not Include	EV_IR_Box
IM	Environmental\Irrigation	Meter	Point	Spot	EV_IR_Meter
INL	Drainage\Structures	InletGeneric	Point	Spot	DR_ST_InletGeneric

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Alpha Code	Path\Category	Description	Point/Line	Terrain Attribute	Level
INLS	Drainage\Structures	InletSlotted	Linear	Break Line	DR_ST_InletSlotted
IRSH	Environmental\Irrigation	SprinklerHeadFull	Point	Do Not Include	EV_IR_SprinklerHeadFull
IRV	Environmental\Irrigation	Valve	Point	Do Not Include	EV_IR_Valve
JB	Traffic\Illumination\Boxes	JBoxUnknown	Point	Do Not Include	TR_IL_JBoxUnknown
JNT	Roadway\Curb-Gutter-Sidewalk	Joint	Linear	Break Line	RD_CG_Joint
L	Topography\Manmade	YardLight	Point	Do Not Include	TP_MM_YardLight
LAKE	Topography\Natural	LakeEdge	Linear	Break Line	TP_NT_LakeEdge
LB	Environmental\HEC_RAS	LeftBank	Linear	Break Line	EV_HR_LeftBank
LIDA	Terrain\Points	LIDARAirborne	Point	Spot	TE_PT_LIDARAirborne
LIDT	Terrain\Points	LIDARTerrestrial	Point	Spot	TE_PT_LIDARTerrestrial
LIMITM	Roadway\Edges	MeasurementLimit	Linear	Break Line	RD_ED_MeasurementLimit
LL	Roadway\Markings\Striping	LineLane	Linear	Break Line	RD_MK_LineLaneRAStrong
LOB	Environmental\HEC_RAS	LeftOverBank	Linear	Do Not Include	EV_HR_LeftOverBank
LOG	Topography\Natural	Log	Linear	Do Not Include	TP_NT_Log
LPOLE	Traffic\Illumination	LightPole	Point	Do Not Include	TR_IL_LightPole
LWM	Environmental\Landscape	LargeWoodyMaterial	Linear	Break Line	EV_LS_LargeWoodyMaterial
MB	Topography\Manmade	MailBox	Point	Do Not Include	TP_MM_MailBox
MH	Drainage\Structures	Manhole	Point	Do Not Include	DR_ST_ManholeConnectionRegion
MHGU	Utilities\General Utility Items	UtilityManhole	Point	Do Not Include	UT_GU_UtilityManhole
MHPW	Utilities\Power	PowerManhole	Point	Do Not Include	UT_PW_PowerManhole
MHSS	Utilities\Sanitary Sewer	SanSewerManhole	Point	Do Not Include	UT_SS_SanSewerManhole
MHT	Utilities\Communication	TelephoneManhole	Point	Do Not Include	UT_CM_TelephoneManhole
MHW		WaterManhole	Point	Do Not Include	UT_WT_WaterManhole
MHW	Utilities\Water	WaterManhole	Point	Do Not Include	UT_WT_WaterManhole
MNCTL	Traffic\Signing	MonotubeCantilever	Point	Do Not Include	TR_SN_MonotubeCantilever

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Alpha Code	Path\Category	Description	Point/Line	Terrain Attribute	Level
MSTAS	Traffic\Signals	MastArmSign	Point	Do Not Include	TR_SG_MastArmSign
MWEL	Topography\Manmade	MonitorWell	Point	Spot	TP_MM_MonitorWell
NAV	Traffic\Illumination	NavigationLight	Point	Do Not Include	TR_IL_NavigationLight
NB	Roadway\Berm	NoiseBerm	Linear	Break Line	RD_BM_NoiseBerm
NOB	Topography\Natural	Obstruction	Linear	Do Not Include	TP_NT_Obstruction
NPL	Roadway\Markings\Striping	LineNoPass	Linear	Break Line	RD_MK_LineNoPass
NS, NSL	Topography\Natural	NonStandard	Linear	Spot And Break	TP_NT_NonStandard
NWB	Structures\Walls	NoiseWallBottom	Linear	Break Line	ST_WA_NoiseWallBottomNew
NWT	Structures\Walls	NoiseWallTop	Linear	Break Line	ST_WA_NoiseWallTopNew
OBS	Topography\Natural	ObscureArea	Linear	Void	TP_NT_ObscureArea
OCAB	Utilities\Communication	AbvGndCableTV	Linear	Do Not Include	UT_CM_AbvGndCableTV
OCL	Utilities\Communication	AbvGndCommLine	Linear	Do Not Include	UT_CM_AbvGndCommLine
OHTP	Utilities\Power	AbvGndHiTensPowerLine	Linear	Do Not Include	UT_PW_AbvGndHiTensPowerLine
OHWF	Environmental\Wetlands	WaterLineOrdinaryHighFlag	Point	Do Not Include	EV_WE_WaterLineOrdinaryHighFlag
OIL	Utilities\Gas	OilLine	Linear	Do Not Include	UT_GS_OilLine
OOFC	Utilities\Communication	AbvGndFiberOpticCable	Linear	Do Not Include	UT_CM_AbvGndFiberOpticCable
OPOW	Utilities\Power	AbvGndPower	Linear	Do Not Include	UT_PW_AbvGndPower
OTANK	Topography\Manmade	OilTank	Point	Do Not Include	TP_MM_OilTank
OTEL	Utilities\Communication	AbvGndTelephoneLine	Linear	Do Not Include	UT_CM_AbvGndTelephoneLine
OU	Utilities\Multiple Types	AbvGndUtilitiesMulti	Linear	Do Not Include	UT_MT_AbvGndUtilitiesMulti
OULINE	Utilities\General Utility Items	AboveGroundUtilityLine	Linear	Do Not Include	UT_GU_AboveGroundUtilityLine
OUPT	Utilities\General Utility Items	AboveGroundUtilityPoint	Point	Do Not Include	UT_GU_AboveGroundUtilityPoint
OVRSGN	Traffic\Signing	OverheadSign	Point	Do Not Include	TR_SN_OverheadSign
P	Topography\Manmade	Pvmntselective	Point	Spot	TP_MM_PvmntSelective
PAR	Topography\Manmade	PavedArea	Linear	Break Line	RD_ED_PavedAreaNew

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Alpha Code	Path\Category	Description	Point/Line	Terrain Attribute	Level
PATH	Roadway\Edges	PedPathEdge	Linear	Break Line	RD_ED_PedPathEdge
PATIO	Topography\Manmade	Patio	Linear	Do Not Include	EV_LS_SoilDecompationArea
PBBP	Traffic\Signals\Pedestrian	PedPushButtonPost	Point	Do Not Include	TR_SG_PedPushButtonPost
PBUT	Traffic\Signals\Pedestrian	PedPushButton	Point	Do Not Include	TR_SG_PedPushButton
PBX	Utilities\Power	PowerBox	Point	Do Not Include	UT_PW_PowerBox
PH	Utilities\General Utility Items	PotholeLocation	Point	Do Not Include	UT_GU_PotholeLocation
PILE	Topography\Manmade	Piling	Point	Do Not Include	TP_MM_Piling
PIPE	Topography\Manmade	Pipe	Linear	Do Not Include	SF_TC_PipeZoneBackfill
PIPEFL	Drainage\Points	FlowLineForPipes	Point	Do Not Include	DR_PP_FlowLineForPipes
PM	Topography\Manmade	ParkingMeter	Point	Do Not Include	TP_MM_ParkingMeter
PMB	Utilities\Power	PowerMeterBox	Point	Do Not Include	UT_PW_PowerMeterBox
POND	Topography\Natural	PondEdge	Linear	Contour	TP_NT_PondEdge
PONDB	Topography\Natural	PondBottom	Linear	Contour	TP_NT_PondBottom
POSTM	Topography\Manmade	PostMetal	Point	Do Not Include	TP_MM_PostMetal
POSTW	Topography\Manmade	PostWood	Point	Do Not Include	TP_MM_PostWood
POWPAN	Traffic\Traffic Systems	PowerPanel	Point	Do Not Include	TR_TS_PowerPanel
PP	Utilities\Power	PowerPole	Point	Do Not Include	UT_PW_PowerPole
PPA	Topography\Manmade	PavedParkingArea	Linear	Break Line	RD_ED_PavedParkingAreaNew
PTRC	Traffic\Traffic Systems	PermTrafficRecorderCab	Point	Do Not Include	TR_TS_PermTrafficRecorderCab
RB	Environmental\HEC_RAS	RightBank	Linear	Break Line	EV_HR_RightBank
RESV	Topography\Manmade	Reservoir	Linear	Break Line	TP_MM_Reservoir
RHA	Environmental\River Hydraulics	Anchor	Point	Do Not Include	EV_RH_Anchor
RIP	Topography\Manmade	RipRapEdge	Linear	Break Line	TP_MM_RipRapEdge
RIV	Topography\Natural	RiverEdge	Linear	Break Line	TP_NT_RiverEdge
RLL	Roadway\Markings\Striping	LineReversibleLane	Linear	Break Line	RD_MK_LineReversibleLane

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Alpha Code	Path\Category	Description	Point/Line	Terrain Attribute	Level
RMSG	Traffic\Signals\Ramp-Signal	RampMeterSignal	Point	Do Not Include	TR_SG_RampMeterSignal
RMSGL	Traffic\Signals\Ramp-Signal	RampMeterSignalLT	Point	Do Not Include	TR_SG_RampMeterSignalLT
RMSGR	Traffic\Signals\Ramp-Signal	RampMeterSignalRT	Point	Do Not Include	TR_SG_RampMeterSignalRT
ROADEGG	Roadway\Edges	GenericEdgeGravel	Linear	Break Line	RD_ED_GenericEdgeGravel
ROB	Environmental\HEC_RAS	RightOverBank	Linear	Do Not Include	EV_HR_RightOverBank
ROCK	Topography\Natural	Rock	Point	Spot	TP_NT_RockLine
ROCKL	Topography\Natural	RockLine	Linear	Break Line	TP_NT_RockLine
ROWM	Right of Way\Boundaries	RWMarker	Point	Do Not Include	RW_BD_RWMarker
ROWMC	Right of Way\Boundaries	RWMarkerCalcd	Point	Do Not Include	RW_BD_RWMarkerCalcd
ROWMF	Right of Way\Boundaries	RWMarkerFound	Point	Do Not Include	RW_BD_RWMarkerFound
ROWMNF	Right of Way\Boundaries	RWMarkerNotFound	Point	Do Not Include	RW_BD_RWMarkerNotFound
RPML	Roadway\Markings\Striping	LineRPMSkip	Linear	Break Line	RD_MK_LineRPMSkip
RPMLS	Roadway\Markings\Striping	LineRPMSolid	Linear	Break Line	RD_MK_LineRPMSolid
RR, RRBD	Topography\Manmade	RRCenterTracks	Linear	Do Not Include	TP_MM_RRCenterTracks
RRS	Roadway\Markings\Symbols	RRSymb	Point	Do Not Include	RD_MK_RRSymb
RRSA	Roadway\Markings\Symbols	RRSymbAlt	Point	Do Not Include	RD_MK_RRSymbAlt
RRT	Topography\Manmade	RRRailTop	Linear	Do Not Include	TP_MM_RRRailTop
RWB	Structures\Walls	RetainingWallBottom	Linear	Break Line	ST_WA_RetainingWallBottomNew
RWT	Structures\Walls	RetainingWallTop	Linear	Break Line	ST_WA_RetainingWallTopNew
SAW	Roadway\Edges	Sawcut	Linear	Break Line	RD_ED_Sawcut
SCAB	Traffic\Signals	ElectServiceCabinet	Point	Do Not Include	TR_SG_ElectServiceCabinet
SCL	Roadway\Markings\Striping	LineSkipCenter	Linear	Break Line	RD_MK_LineSkipCenter
SE	Terrain\Existing	SpotElevation	Point	Spot	TE_EX_SpotElevation
SEW	Utilities\Sanitary Sewer	SanSewerLine	Linear	Do Not Include	UT_SS_SanSewerLine
SF	Roadway\Edges	StressFracture	Linear	Do Not Include	RD_ED_StressFracture

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Alpha Code	Path\Category	Description	Point/Line	Terrain Attribute	Level
SGP	Traffic\Signals\Ramp-Signal	SignalPoleUnknown	Point	Do Not Include	TR_SG_SignalPoleUnknown
SH	Traffic\Signals\Ramp-Signal	SignalHead	Point	Do Not Include	SH_TI_DblSignalHeadDetail
SHARROW	Roadway\Markings\Symbols	SharedLaneSymb	Point	Do Not Include	RD_MK_SharedLaneSymbNew
SIGN	Traffic\Signing	Sign	Point	Do Not Include	SH_GI_TitleBlockTagText_Design
SIGNb	Traffic\Signing	SignDblePost	Point	Do Not Include	TR_SN_SignDblPost
SIGNc	Traffic\Signing	SignTriplePost	Point	Do Not Include	TR_SN_SignTriplePost
SIGNd	Traffic\Signing	SignFourPost	Point	Do Not Include	TR_SN_SignFourPost
SL	Roadway\Markings\Striping	LineStop	Linear	Do Not Include	RD_MK_LineStop
SLAB	Topography\Manmade	ConcreteSlab	Linear	Break Line	TP_MM_ConcreteSlab
SN	Topography\Natural	Sounding	Point	Spot	TP_NT_Sounding
SOILP	Environmental\Wetlands	SoilPit	Point	Spot	TE_PT_SoilPit
SPB	Topography\Manmade	StockpileBottom	Linear	Break Line	TP_MM_StockpileBottom
SPG	Drainage\Ponds	Spring	Linear	Break Line	DR_PP_Spring
SPT	Topography\Manmade	StockpileTop	Linear	Break Line	TP_MM_StockpileTop
SSCO	Utilities\Sanitary Sewer	SanSewerCleanOut	Point	Do Not Include	UT_SS_SanSewerCleanOut
SSFLP	Utilities\Sanitary Sewer	FlowlinePoint	Point	Do Not Include	UT_SS_FlowlinePoint
SSLBRK	Environmental\River Hydraulics	StreamSlopeBreak	Linear	Break Line	EV_RH_StreamSlopeBreak
STAIR	Topography\Manmade	Stair	Linear	Do Not Include	TP_MM_Stair
STMCO	Drainage\Structures	StormSewerCleanOut	Point	Do Not Include	DR_ST_StormSewerCleanOut
STMCON	Utilities\Power	SteamConduit	Linear	Do Not Include	UT_PW_SteamConduit
SW	Roadway\Curb-Gutter-Sidewalk	Sidewalk	Linear	Break Line	RD_CG_SidewalkBackNew
SWB	Roadway\Curb-Gutter-Sidewalk	SidewalkBack	Linear	Break Line	RD_CG_SidewalkBackNew
SWF	Roadway\Curb-Gutter-Sidewalk	SidewalkFace	Linear	Break Line	RD_CG_SidewalkFaceBottomNew
SWR	Roadway\Curb-Gutter-Sidewalk	SidewalkRamp	Linear	Break Line	RD_CG_SidewalkRamp
T, TBD	Topography\Natural	TreeByCenter	Point	Do Not Include	TP_NT_TreeByCenter

S2.03 Survey Field Codes by Code

The alphabetical field code listing below provides a complete list of WSDOT standard survey feature by field code. The paths may include sub-categories. The Alpha Code represents the assigned field code for each feature.

Terrain Attribute indicates 2D (Do Not Include), void boundaries (Void) or 3D (all others).

Alpha Code	Path\Category	Description	Point/Line	Terrain Attribute	Level
TAa	Roadway\Markings\Symbols	TrafficArrowType1	Point	Do Not Include	RD_MK_TrafficArrowType1S
TABS	Roadway\Markings\Symbols	TrafficArrowType5S	Point	Do Not Include	RD_MK_TrafficArrowType5S
TAbSL	Roadway\Markings\Symbols	TrafficArrowType2SL	Point	Do Not Include	RD_MK_TrafficArrowType2SL
TAbSR	Roadway\Markings\Symbols	TrafficArrowType2SR	Point	Do Not Include	RD_MK_TrafficArrowType2SR
TAcL	Roadway\Markings\Symbols	TrafficArrowType3L	Point	Do Not Include	RD_MK_TrafficArrowType3L
TAcR	Roadway\Markings\Symbols	TrafficArrowType3R	Point	Do Not Include	RD_MK_TrafficArrowType3R
TAdS	Roadway\Markings\Symbols	TrafficArrowType4S	Point	Do Not Include	RD_MK_TrafficArrowType4S
TAe	Roadway\Markings\Symbols	TrafficArrowType5	Point	Do Not Include	RD_MK_TrafficArrowType5
TAfSL	Roadway\Markings\Symbols	TrafficArrowType6SL	Point	Do Not Include	RD_MK_TrafficArrowType6SL
TAfSR	Roadway\Markings\Symbols	TrafficArrowType6SR	Point	Do Not Include	RD_MK_TrafficArrowType6SR
TAg	Roadway\Markings\Symbols	TrafficArrowType7	Point	Do Not Include	RD_MK_TrafficArrowType7S
TAL	Roadway\Markings\Symbols	TrafficArrowType2L	Point	Do Not Include	RD_MK_TrafficArrowType2L
TALF	Roadway\Markings\Symbols	TrafficArrowType6L	Point	Do Not Include	RD_MK_TrafficArrowType6L
TALR	Roadway\Markings\Symbols	TrafficArrowType4	Point	Do Not Include	RD_MK_TrafficArrowType4
TALRS	Roadway\Markings\Symbols	TrafficArrowType7S	Point	Do Not Include	RD_MK_TrafficArrowType7S
TALS	Roadway\Markings\Symbols	TrafficArrowType3SL	Point	Do Not Include	RD_MK_TrafficArrowType3SL
TANK	Topography\Manmade	Tank	Point	Do Not Include	TP_MM_GasTank
TAR	Roadway\Markings\Symbols	TrafficArrowType2R	Point	Do Not Include	RD_MK_TrafficArrowType2R
TARAL	Roadway\Markings\Symbols	TrafficArrowRATypeL	Point	Do Not Include	RD_MK_TrafficArrowRATypeLC
TARALC	Roadway\Markings\Symbols	TrafficArrowRATypeLC	Point	Do Not Include	RD_MK_TrafficArrowRATypeLC
TARALR	Roadway\Markings\Symbols	TrafficArrowRATypeLR	Point	Do Not Include	RD_MK_TrafficArrowRATypeLR
TARALRC	Roadway\Markings\Symbols	TrafficArrowRATypeLRC	Point	Do Not Include	RD_MK_TrafficArrowRATypeLRC
TARALT	Roadway\Markings\Symbols	TrafficArrowRATypeLT	Point	Do Not Include	RD_MK_TrafficArrowRATypeLT
TARALTC	Roadway\Markings\Symbols	TrafficArrowRATypeLTC	Point	Do Not Include	RD_MK_TrafficArrowRATypeLTC
TARALTR	Roadway\Markings\Symbols	TrafficArrowRATypeLTR	Point	Do Not Include	RD_MK_TrafficArrowRATypeLTR

S2.03 Survey Field Codes by Code

The alphabetical field code listing below provides a complete list of WSDOT standard survey feature by field code. The paths may include sub-categories. The Alpha Code represents the assigned field code for each feature.

Terrain Attribute indicates 2D (Do Not Include), void boundaries (Void) or 3D (all others).

Alpha Code	Path\Category	Description	Point/Line	Terrain Attribute	Level
TARALTRC	Roadway\Markings\Symbols	TrafficArrowRATypeLTRC	Point	Do Not Include	RD_MK_TrafficArrowRATypeLTRC
TARAT	Roadway\Markings\Symbols	TrafficArrowRATypeT	Point	Do Not Include	RD_MK_TrafficArrowRATypeT
TARATC	Roadway\Markings\Symbols	TrafficArrowRATypeTC	Point	Do Not Include	RD_MK_TrafficArrowRATypeTC
TARATR	Roadway\Markings\Symbols	TrafficArrowRATypeTR	Point	Do Not Include	RD_MK_TrafficArrowRATypeTR
TARATRC	Roadway\Markings\Symbols	TrafficArrowRATypeTRC	Point	Do Not Include	RD_MK_TrafficArrowRATypeTRC
TARF	Roadway\Markings\Symbols	TrafficArrowType6R	Point	Do Not Include	RD_MK_TrafficArrowType6R
TARS	Roadway\Markings\Symbols	TrafficArrowType3SR	Point	Do Not Include	RD_MK_TrafficArrowType3SR
TAS	Roadway\Markings\Symbols	TrafficArrowType1S	Point	Do Not Include	RD_MK_TrafficArrowType1S
TBDE	Topography\Natural	TreeByEdge	Point	Do Not Include	TP_NT_TreeByEdge
TBTH	Utilities\Communication	TelephoneBooth	Point	Do Not Include	UT_CM_TelephoneBooth
TBX	Utilities\Communication	TelephoneBox	Point	Do Not Include	UT_CM_TelephoneBox
TH	Topography\Natural	Thalweg	Linear	Break Line	TP_NT_Thalweg
TL	Topography\Natural	TreeLine	Linear	Do Not Include	TP_NT_TreeLine
TLRTSN	Traffic\Traffic Systems	TollRateSign	Point	Do Not Include	TR_TS_TollRateSign
TOLLCAB	Traffic\Traffic Systems	TollCabinet	Point	Do Not Include	TR_TS_TollCabinet
TP	Utilities\Communication	TelephonePole	Point	Do Not Include	UT_CM_TelephonePole
TPL	Topography\Natural	TopographyLimit	Linear	Break Line	TP_NT_TopographyLimit
TPLC	Topography\Natural	TopographyLimitClosed	Linear	Boundary	TP_NT_TopographyLimitClosed
TRAIL	Topography\Manmade	Trail	Linear	Break Line	AL_RW_CLineTrail
TRCAN	Traffic\Signing	TrussCantilever	Point	Do Not Include	TR_SN_TrussCantilever
TRFCB	Traffic\Traffic Systems	TransformerCabinet	Point	Do Not Include	TR_TS_TransformerCabinet
TRSGBG	Traffic\Signing	TrussSignBridge	Point	Do Not Include	TR_SN_TrussSignBridge
TRTBR	Environmental\Landscape	TreeToBeRemoved	Point	Spot	EV_LS_TreeToBeRemoved
TSL	Traffic\Signals\Detection Loops	SignalLoopUnknown	Point	Do Not Include	TR_SG_SignalLoopUnknown
TTCAB	Traffic\Traffic Systems	TerminalCabinet	Point	Do Not Include	TR_TS_FiberTerminalCabinet

S2.03 Survey Field Codes by Code

The alphabetical field code listing below provides a complete list of WSDOT standard survey feature by field code. The paths may include sub-categories. The Alpha Code represents the assigned field code for each feature.

Terrain Attribute indicates 2D (Do Not Include), void boundaries (Void) or 3D (all others).

Alpha Code	Path\Category	Description	Point/Line	Terrain Attribute	Level
TUN	Structures\Tunnels	Tunnel	Linear	Do Not Include	RD_ED_PvmntBreakTunnel
TVCB	Traffic\Traffic Systems	CCTVControlCabinet	Point	Do Not Include	TR_TS_CCTVControlCabinet
TWLT	Roadway\Markings\Striping	LineTwoWayLTTurn	Linear	Break Line	RD_MK_LineTwoWayLTTurn
UBX	Utilities\General Utility Items	UtilityBox	Point	Do Not Include	UT_GU_UtilityBox
UCAB	Utilities\Communication	UndGndCableTV	Linear	Do Not Include	UT_CM_UndGndCableTV
UCB	Utilities\Communication	UndGndCableBox	Point	Do Not Include	UT_CM_UndGndCableBox
UCL	Utilities\Communication	UndGndCommLine	Linear	Do Not Include	UT_CM_UndGndCommLine
UCP	Traffic\Signals	UtilityCompanyPedestal	Point	Do Not Include	TR_SG_UtilityCompanyPedestal
ULOBJM	Topography\Manmade	UnknownLinearObject	Linear	Do Not Include	TP_MM_UnknownLinearObject
UMP	Utilities\General Utility Items	UtilityMarkerPost	Point	Do Not Include	UT_GU_UtilityMarkerPost
UOBJM	Topography\Manmade	UnknownObject	Point	Do Not Include	TP_MM_UnknownObject
UOFC	Utilities\Communication	UndGndFiberOptic	Linear	Do Not Include	UT_CM_UndGndFiberOptic
UP	Utilities\General Utility Items	UtilityPole	Point	Do Not Include	UT_GU_UtilityPole
UPD	Utilities\Communication	UnknownPedestal	Point	Do Not Include	UT_CM_UnknownPedestal
UTANK		UndGndTank	Point	Do Not Include	UT_WT_UndGndTank
UTB	Utilities\Communication	UndGndTelephoneBox	Point	Do Not Include	UT_CM_UndGndTelephoneBox
UTEL	Utilities\Communication	UndGndTelephoneCable	Linear	Do Not Include	UT_CM_UndGndTelephoneCable
UUM	Utilities\Multiple Types	UndGndUtilitiesMulti	Linear	Do Not Include	UT_MT_UndGndUtilitiesMulti
VAULT	Utilities\General Utility Items	UtilityVault	Point	Do Not Include	UT_GU_UtilityVault
VAULTC	Utilities\Communication	UndGndCommunicationVault	Point	Do Not Include	UT_CM_UndGndCommunicationVault
VAULTPW	Utilities\Power	UndGndPowerVault	Point	Do Not Include	UT_PW_UndGndPowerVault
VAULTW	Utilities\Water	UndGndWaterVault	Point	Do Not Include	UT_WT_UndGndWaterVault
VAULTW		UndGndWaterVault	Point	Do Not Include	UT_WT_UndGndWaterVault
VB	Utilities\General Utility Items	Valvebox	Point	Do Not Include	UT_GS_ValveBoxGas
VENT	Utilities\General Utility Items	Vent	Point	Do Not Include	EV_WE_BndryWetlandInventoryNew

S2.03 Survey Field Codes by Code

The alphabetical field code listing below provides a complete list of WSDOT standard survey feature by field code. The paths may include sub-categories. The Alpha Code represents the assigned field code for each feature.

Terrain Attribute indicates 2D (Do Not Include), void boundaries (Void) or 3D (all others).

Alpha Code	Path\Category	Description	Point/Line	Terrain Attribute	Level
VGATE	Environmental\Irrigation	ValveGate	Point	Do Not Include	EV_IR_ValveGate
VRA		ValveRelease	Point	Do Not Include	UT_WT_ValveRelease
VW		ValveBoxWater	Point	Do Not Include	UT_WT_ValveBoxWater
WAT		WaterLine	Linear	Do Not Include	EV_WE_WaterLineMeanHighNew
WAT	Utilities\Water	WaterLine	Linear	Do Not Include	EV_WE_WaterLineMeanHighNew
WATDA		WaterLineDeactive	Linear	Do Not Include	UT_WT_WaterLineDeactive
WC	Roadway\Curb-Gutter-Sidewalk	CurbWoodenFace	Linear	Break Line	RD_CG_CurbWoodenFace
WE	Topography\Natural	WaterEdge	Linear	Break Line	EV_WE_WaterEdgeStream
WEIR	Topography\Manmade	Weir	Linear	Break Line	TP_MM_Weir
WELL	Topography\Manmade	Well	Point	Do Not Include	TP_MM_MonitorWell
WL	Roadway\Markings\Striping	LineWide	Linear	Break Line	RD_MK_LineWideDottedLaneNew
WLF	Environmental\Wetlands	Flag	Point	Spot	EV_WE_WetlandFlag
WLS	Roadway\Markings\Striping	LineSkipWide	Linear	Break Line	RD_MK_LineSkipWide
WLSF	Environmental\Wetlands	WetlandSampleFlag	Point	Do Not Include	EV_WE_WetlandSampleFlag
WMB	Utilities\Water	WaterMeterBox	Point	Do Not Include	UT_WT_WaterMeterBox
WMB		WaterMeterBox	Point	Do Not Include	UT_WT_WaterMeterBox
WTANK	Topography\Manmade	WaterTank	Point	Do Not Include	TP_MM_WaterTank
WWB	Drainage\Structures	WingWallBottom	Linear	Break Line	DR_ST_WingWallBottom
WWT	Drainage\Structures	WingWallTop	Linear	Break Line	DR_ST_WingWallTop
YAHDa	Roadway\Markings\Symbols	YieldAheadSymbType1	Point	Do Not Include	RD_MK_YieldAheadSymbType1
YAHDb	Roadway\Markings\Symbols	YieldAheadSymbType2	Point	Do Not Include	RD_MK_YieldAheadSymbType2
YLDa	Roadway\Markings\Symbols	YieldSymbType1	Point	Do Not Include	RD_MK_YieldSymbType1
YLDb	Roadway\Markings\Symbols	YieldSymbType2	Point	Do Not Include	RD_MK_YieldSymbType2

S3.01 General

S3.01 General

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S4.01 General
S4.02 Right of Way Assigned Text Styles
S4.03 Right of Way Feature Definitions
S4.04 Right of Way Element Templates
S4.05 Right of Way Standard Symbols

S4.01 General

This section describes standard symbols and conventions for the production of WSDOT deliverable plan sheets described in the *Plans Preparation Manual*. It includes lists of Right of Way Plans standard deliverable text styles, feature definitions, and element templates.

Per Symbology 1, standard symbology is controlled by WSDOT feature definitions or element templates.

WSDOT Right of Way standard pre-assigned text sizes are listed in Symbology 4.02.

Alphabetically listed WSDOT Right of Way standard Feature Definitions by category are in Symbology 4.03.

Alphabetically listed WSDOT Right of Way standard Element Templates by category are listed in Symbology 4.04.

Graphically listed WSDOT Right of Way standard elements are in Symbology 4.05.

S4.02 Right of Way Assigned Text Styles

The text style listing below provides a complete list of standard R/W text elements by path > Element Template name. The necessary fonts are included in the WSDOT resources managed in ProjectWise. Height/Width values are true values in the resources to support the target paper size values per WSDOT deliverable requirements. General Text Style names represent the target paper size (05, 06-Bold, 09-Bold). Other text styles are specific to the element.

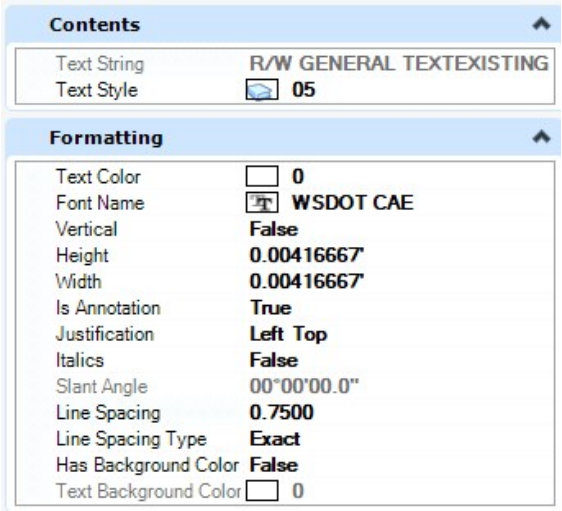
The Element Information > Contents section will indicate the Text Style name. If a text element does not have a text style assigned, it can be applied manually in this field.

The Formatting section indicates the actual Height and Width (which will be different). Default DGN working unit display settings may truncate these values.

The Is Annoation setting shall be set to True unless otherwise noted.

Line Spacing should be 0.75 for all Text Nodes.

For general Right of Way plan sheet text, use Access Notes Body and Access Notes Heading element templates.



Right of Way Assigned Text Styles

Path	Element Template Name	Text Style	Font	Height-Width	Size on Paper	Justification
Alignment\Right of Way\Controlling						
	CLineRWCntrlGradeIntText	RW_GradeIntersection	WSDOT CAE	0.010000	0.12	Left Bottom
Environmental\Text						
	WetlandsRWText	20-Bold	WSDOT CAE	0.016667	0.20	Center Center
Monument\Boundary						
	MonumentText	MN_Exist	WSDOT CAE	0.004167	0.05	Left Bottom
	MonumentTextNew	MN_New	WSDOT CAE	0.004167	0.05	Left Bottom
Right of Way\Section Info						
	SectionID	09-Bold	WSDOT CAE	0.007500	0.09	Left Top
Right of Way\Text						
	BearingsText	12	WSDOT CAE	0.010000	0.12	Left Top
	CenterofSectionsText	18	WSDOT CAE	0.015000	0.18	Left Top
	CityNamesText	40-Block_RW	WSDOT BLOCK	0.033333	0.40	Center Center
	CityRWBndryStaOffText	10	WSDOT CAE	0.008333	0.10	Left Top

Right of Way Assigned Text Styles

Path	Element Template Name	Text Style	Font	Height-Width	Size on Paper	Justification
Right of Way\Text						
	ControlSectionText	07-Bold	WSDOT CAE	0.005833	0.07	Left Top
	CountyRWBndryStaOffText	10	WSDOT CAE	0.008333	0.10	Left Top
	DescriptionsText	10	WSDOT CAE	0.008333	0.10	Left Top
	DonationLandClaimsText	18-Bold	WSDOT CAE	0.015000	0.18	Left Top
	EsmntPermitLineStaOffText	10	WSDOT CAE	0.008333	0.10	Left Top
	EsmntPermitsText	12	WSDOT CAE	0.010000	0.12	Left Top
	EsmntPermitsTextNew	12	WSDOT CAE	0.010000	0.12	Left Top
	GovtBndryText	20-Bold	WSDOT CAE	0.016667	0.20	Center Center
	GovtLotIDText	18-Bold	WSDOT CAE	0.015000	0.18	Left Top
	HighwayRWBndrySOTextNew	10	WSDOT CAE	0.008333	0.10	Left Top
	HighwayRWBndryStaOffText	10	WSDOT CAE	0.008333	0.10	Left Top
	InterchangeNamesText	30-Block_RW	WSDOT BLOCK	0.025000	0.30	Center Center
	LotNumbering	10	WSDOT CAE	0.008333	0.10	Left Top
	MeanderLineText	12	WSDOT CAE	0.010000	0.12	Left Top
	MetesandBoundsRWText	10	WSDOT CAE	0.008333	0.10	Left Top
	MetesandBoundsSundryText	12	WSDOT CAE	0.010000	0.12	Left Top
	ParcelNoText	12	WSDOT CAE	0.010000	0.12	Left Top
	RangeLinesText	25-Bold	WSDOT CAE	0.020833	0.25	Center Center
	RRRWStaOffText	10	WSDOT CAE	0.008333	0.10	Left Top
	SectionCornerNumberText	18-Bold	WSDOT CAE	0.015000	0.18	Left Top
	SiteRWNameText	20-Bold	WSDOT CAE	0.016667	0.20	Center Center
	SiteRWStaOffText	10	WSDOT CAE	0.008333	0.10	Left Top
	SubdivisionsNamesText	20-Block_RW	WSDOT BLOCK	0.016667	0.20	Center Center
	TownshipRangeLineText	25-Bold	WSDOT CAE	0.020833	0.25	Center Center
	TurnbackRelinquishText	12	WSDOT CAE	0.010000	0.12	Left Top
	UtilityRWStaOffText	10	WSDOT CAE	0.008333	0.10	Left Top
Roadway\Text						
	RoadwayNamesText	10-Bold	WSDOT CAE	0.008333	0.10	Left Top
Sheet\General Items						
	Destination Arrow - PS&E	07-Bold	WSDOT CAE	0.005833	0.07	Left Top
	Destination Arrow - R/W	06-Bold	WSDOT CAE	0.005000	0.06	Left Top

Right of Way Assigned Text Styles

Path	Element Template Name	Text Style	Font	Height-Width	Size on Paper	Justification
Sheet\General Items						
	Township Range - Top of Sheet	18-Bold	WSDOT CAE	0.015000	0.18	Left Top
Sheet\General Items\General Text						
	Text Body 2 - RW	07-Bold	WSDOT CAE	0.005833	0.07	Left Top
	Text Body 3 - RW	06-Bold	WSDOT CAE	0.005000	0.06	Left Top
Sheet\Plans						
	Township Range - Top of Sheet	18-Bold	WSDOT CAE	0.015000	0.18	Left Top
Sheet\Right of Way Plans\Text and Notes						
	Access Notes Body	06-Bold	WSDOT CAE	0.005000	0.06	Left Top
	Access Notes Heading	07-Bold	WSDOT CAE	0.005833	0.07	Left Top
	Cross Reference Note	07-Bold	WSDOT CAE	0.005833	0.07	Left Top
	Vicinity Map Body	07-Bold	WSDOT CAE	0.005833	0.07	Left Top
	Vicinity Map Heading	15-Bold	WSDOT CAE	0.012500	0.15	Left Top
Structures\Text						
	BridgeRWText	12-Bold	WSDOT CAE	0.010000	0.12	Left Top
	TunnelRWText	12-Bold	WSDOT CAE	0.010000	0.12	Left Top
Topography\Text\Manmade						
	DistanceTieText	10	WSDOT CAE	0.008333	0.10	Left Top
	ManmadeTopographyRWText	10	WSDOT CAE	0.008333	0.10	Left Top
	RRText	05	WSDOT CAE	0.004167	0.05	Left Top
Topography\Text\Natural						
	WaterPondLakeResRWText	12	WSDOT CAE	0.010000	0.12	Left Top

S4.03 PS&E Feature Definitions

The listing below provides a complete list of standard Right of Way Feature Definitions by path/category. Feature Definitions include associated groups of annotation, symbology, and element attribute information. Listed color, line style, and line weight are the default bylevel attributes for the root Element Template. All elements shall be assigned a feature definition unless one is not available. In that case see S4.04 for the Right of Way standard element template list.

Path	Feature Definition Name	Description	Default/Root Element Template	Color	Line Style	Line Weight
Alignment						
Right of Way						
Controlling						
	CLineRWCntrl	RW Controlling	Alignment\Right of Way\Controlling\CLineRWCntrl	2	0	5
Misc						
	CLineBikePath	Bike Path	Alignment\Right of Way\Misc\CLineBikePath	114	3	2
	CLineCityStreet	City Street	Alignment\Right of Way\Misc\CLineCityStreet	18	AL_RW_ClineCityStreet	1
	CLineCountyRoad	County Road	Alignment\Right of Way\Misc\CLineCountyRoad	18	AL_RW_CLineCountyRoad	1
	CLinePedPath	Pedestrian Path	Alignment\Right of Way\Misc\CLinePedPath	114	3	2
	CLinePrivateRoad	Private Road	Alignment\Right of Way\Misc\CLinePrivateRoad	114	3	2
	CLineTrail	Trail	Alignment\Right of Way\Misc\CLineTrail	114	3	2
Non-Controlling						
	CLineRWNonCntrlEx	RW NonControlling Existing	Alignment\Right of Way\Non-Controlling\Existing\CLineRWNonCntrlEx	82	AL_RW_CLineRWNonCntrlEx	4
	CLineRWNonCntrlPr	RW NonControlling Proposed	Alignment\Right of Way\Non-Controlling\Proposed\CLineRWNonCntrlPr	82	AL_RW_CLineRWNonCntrlPr	4
Linear						
Environmental						
Wetlands						
	StormWaterTrtmntRWPlan		Environmental\Wetlands\StormwaterTrtmntRWPlan	55	3	5
	StormWaterTrtmntRWPlanNew		Environmental\Wetlands\StormwaterTrtmntRWPlanNew	41	0	5
	WetlandMitigationRWP		Environmental\Wetlands\WetlandMitigationRWP	55	3	5
	WetlandMitigationRWPNew		Environmental\Wetlands\WetlandMitigationRWPNew	41	0	5
Right of Way						
Boundaries						
	CityRWBndry		Right of Way\Boundaries\CityRWBndry	83	3	2
	CountyRWBndry		Right of Way\Boundaries\CountyRWBndry	83	3	2
	HighwayRWBndry		Right of Way\Boundaries\HighwayRWBndry	19	RW_BD_HighwayRWBndry	2
	HighwayRWBndryCoincident		Right of Way\Boundaries\HighwayRWBndryCoincident	19	RW_BD_HighwayRWBndryCoincident	5
	HighwayRWBndryNew		Right of Way\Boundaries\HighwayRWBndryNew	3	0	5
	LAccessCoincidentRWLT		Right of Way\Boundaries\LAccessCoincidentRWLT	35	RW_BD_LAccessCoincidentRWLT	5
	LAccessCoincidentRWRT		Right of Way\Boundaries\LAccessCoincidentRWRT	35	RW_BD_LAccessCoincidentRWRT	5
	LAccessFloatingLTNew		Right of Way\Boundaries\LAccessFloatingLTNew	35	RW_BD_LAccessFloatingLTNew	2
	LAccessFloatingRTNew		Right of Way\Boundaries\LAccessFloatingRTNew	35	RW_BD_LAccessFloatingRTNew	2
	LAccessProposedRWLT		Right of Way\Boundaries\LAccessProposedRWLT	35	RW_BD_LAccessProposedRWLT	5
	LAccessProposedRWRT		Right of Way\Boundaries\LAccessProposedRWRT	35	RW_BD_LAccessProposedRWRT	5
	RRRWBndry		Right of Way\Boundaries\RRRWBndry	147	RW_BD_RRRWBndry	2
	RRRWBndryNew		Right of Way\Boundaries\RRRWBndryNew	3	0	5
	SiteRWBndry		Right of Way\Boundaries\SiteRWBndry	115	RW_BD_SiteRWBndry	2
	SiteRWBndryCoincident		Right of Way\Boundaries\SiteRWBndryCoincident	99	RW_BD_SiteRWBndryCoincident	5
	SiteRWBndryNew		Right of Way\Boundaries\SiteRWBndryNew	99	0	5

S4.03 PS&E Feature Definitions

The listing below provides a complete list of standard Right of Way Feature Definitions by path/category. Feature Definitions include associated groups of annotation, symbology, and element attribute information. Listed color, line style, and line weight are the default bylevel attributes for the root Element Template. All elements shall be assigned a feature definition unless one is not available. In that case see S4.04 for the Right of Way standard element template list.

Path	Feature Definition Name	Description	Default/Root Element Template	Color	Line Style	Line Weight
Linear						
Right of Way						
Boundaries						
	TurnbackLine		Right of Way\Boundaries\TurnbackLine	51	0	5
	UtilityRWBndry		Right of Way\Boundaries\UtilityRWBndry	147	RW_BD_UtilityRWBndry	3
	UtilityRWBndryCoincident		Right of Way\Boundaries\UtilityRWBndryCoincident	131	RW_BD_UtilityRWBndryCoincident	5
	UtilityRWBndryNew		Right of Way\Boundaries\UtilityRWBndryNew	131	0	3
Easements and Permits						
	EsmntControllingLine		Right of Way\Easements and Permits\EsmntControllingLine	19	RW_ES_EsmntControllingLine	2
	EsmntLine		Right of Way\Easements and Permits\EsmntLine	19	3	3
	EsmntLineNew		Right of Way\Easements and Permits\EsmntLineNew	3	0	3
	EsmntLineRR		Right of Way\Easements and Permits\EsmntLineRR	51	0	5
	EsmntLineRRNew		Right of Way\Easements and Permits\EsmntLineRRNew	35	0	5
	EsmntLineUtility		Right of Way\Easements and Permits\EsmntLineUtility	19	3	3
	EsmntLineUtilityNew		Right of Way\Easements and Permits\EsmntLineUtilityNew	3	0	3
	PermitHarborLine		Right of Way\Easements and Permits\PermitHarborLine	19	RW_ES_PermitHarborLine	3
	PermitLine		Right of Way\Easements and Permits\PermitLine	83	0	3
	PermitLineNew		Right of Way\Easements and Permits\PermitLineNew	67	0	3
	SubterraneanEsmntLine		Right of Way\Easements and Permits\SubterraneanEsmntLine	115	3	3
	SubterraneanEsmntLineNew		Right of Way\Easements and Permits\SubterraneanEsmntLineNew	99	0	3
	TempConstrEsmntLine		Right of Way\Easements and Permits\TempConstrEsmntLine	147	3	3
	TempConstrEsmntLineNew		Right of Way\Easements and Permits\TempConstrEsmntLineNew	131	0	3
Government Boundaries						
	ControlSection		Right of Way\Government Boundaries\ControlSection	51	0	0
	CorpLimitLine		Right of Way\Government Boundaries\CorpLimitLine	19	RW_GB_CorpLimitLine	5
	CountyLine		Right of Way\Government Boundaries\CountyLine	51	RW_GB_CountyLine	5
	ForestBndry		Right of Way\Government Boundaries\ForestBndry	83	RW_GB_ForestBndry	4
	ParkBndry		Right of Way\Government Boundaries\ParkBndry	115	RW_GB_ParkBndry	4
	ReservationBndry		Right of Way\Government Boundaries\ReservationBndry	147	RW_GB_ReservationBndry	4
	StateBndry		Right of Way\Government Boundaries\StateBndry	19	RW_GB_StateBndry	5
Parcels						
	CLineAccessRoad		Right of Way\Parcels\CLineAccessRoad	19	0	2
	LotLine		Right of Way\Parcels\LotLine	5	0	1
	OwnershipDots		Right of Way\Parcels\OwnershipDots	19	RW_PA_OwnershipDots	0
	PropertyLine		Right of Way\Parcels\PropertyLine	19	0	1
	SubdivisionBndry		Right of Way\Parcels\SubdivisionBndry	51	0	2
	SurplusPropertyBndry		Right of Way\Parcels\SurplusPropertyBndry	1	0	5
Section Info						
	DonationLandClaim		Right of Way\Section Info\DonationLandClaim	147	RW_SC_DonationLandClaim	3

S4.03 PS&E Feature Definitions

The listing below provides a complete list of standard Right of Way Feature Definitions by path/category. Feature Definitions include associated groups of annotation, symbology, and element attribute information. Listed color, line style, and line weight are the default bylevel attributes for the root Element Template. All elements shall be assigned a feature definition unless one is not available. In that case see S4.04 for the Right of Way standard element template list.

Path	Feature Definition Name	Description	Default/Root Element Template	Color	Line Style	Line Weight
Linear						
Right of Way						
Section Info						
	MeanderLine		Right of Way\Section Info\MeanderLine	147	RW_SC_MeanderLine	1
	QuarterSectionLine		Right of Way\Section Info\QuarterSectionLine	51	RW_SC_QuarterSectionLine	3
	RangeLine		Right of Way\Section Info\RangeLine	115	0	5
	SectionLine		Right of Way\Section Info\SectionLine	19	RW_SC_SectionLine	4
	SixteenthSectionLine		Right of Way\Section Info\SixteenthSectionLine	83	RW_SC_SixteenthSectionLine	2
	TownshipLine		Right of Way\Section Info\TownshipLine	147	0	5
Roadway						
Barrier						
	FenceRWPlan		Roadway\Barrier\FenceRWPlan	157	RD_BR_FenceRWPlan	0
Edges						
	BikePathEdge		Roadway\Edges\BikePathEdge	157	2	0
	DrivewayGravelEdge		Roadway\Edges\DrivewayGravelEdge	125	5	0
	DrivewayPavedEdge		Roadway\Edges\DrivewayPavedEdge	125	2	0
	PedPathEdge		Roadway\Edges\PedPathEdge	157	2	0
	RoadwayETWGravel		Roadway\Edges\RoadwayETWGravel	29	5	0
	RoadwayETWPaved		Roadway\Edges\RoadwayETWPaved	29	2	0
	ShoulderGravelEdge		Roadway\Edges\ShoulderGravelEdge	93	5	0
	ShoulderPavedEdge		Roadway\Edges\ShoulderPavedEdge	93	2	0
Structures						
Bridges						
	Bridge		Structures\Bridges\Bridge	23	6	0
	BridgeNew		Structures\Bridges\BridgeNew	7	0	2
	RRStructure		Structures\Bridges\RRStructure	119	6	0
	Structure		Structures\Bridges\Structure	55	5	0
Tunnels						
	Tunnel		Structures\Tunnels\Tunnel	87	5	0
Topography						
Manmade						
	Bldg		Topography\Manmade\Bldg	126	0	2
	BldgRoof		Topography\Manmade\BldgRoof	126	0	0
	Canal		Topography\Manmade\Canal	126	0	3
	Dam		Topography\Manmade\Dam	126	0	10
	Dike		Topography\Manmade\Dike	126	0	10
	DistanceTie		Topography\Manmade\DistanceTie	30	0	1
	OrchardOrVineyard		Topography\Manmade\OrchardOrVineyard	126	TP_MM_OrchardOrVineyard	1
	Reservoir		Topography\Manmade\Reservoir	126	0	3
	RRCenterTracks		Topography\Manmade\RRCenterTracks	62	TP_MM_RRCenterTracks	2

S4.03 PS&E Feature Definitions

The listing below provides a complete list of standard Right of Way Feature Definitions by path/category. Feature Definitions include associated groups of annotation, symbology, and element attribute information. Listed color, line style, and line weight are the default bylevel attributes for the root Element Template. All elements shall be assigned a feature definition unless one is not available. In that case see S4.04 for the Right of Way standard element template list.

Path	Feature Definition Name	Description	Default/Root Element Template	Color	Line Style	Line Weight
Linear						
Topography						
Manmade						
	Structure		Structures\Bridges\Structure	55	5	0
Natural						
	HighWaterLine		Topography\Natural\HighWaterLine	30	0	3
	LakeEdge		Topography\Natural\LakeEdge	1	2	3
	LargeBodyofWaterEdge		Topography\Natural\LargeBodyofWaterEdge	1	2	3
	PondEdge		Topography\Natural\PondEdge	1	2	3
	RiverEdge		Topography\Natural\RiverEdge	1	2	3
	StreamNonScalable		Topography\Natural\StreamNonScalable	126	0	3
	StreamScalableEdge		Topography\Natural\StreamScaleableEdge	17	2	3
Utilities						
Power						
	UndGndPowerLine		Utilities\Power\UndGndPowerLine	117	UT_PW_UndGndPowerLine	0
Sanitary Sewer						
	Drainfield		Utilities\Sanitary Sewer\Drainfield	149	3	1
	DrainfieldDeactive		Utilities\Sanitary Sewer\DrainfieldDeactive	149	UT_SS_DrainfieldDeactive	1
Mesh						
Roadway						
Barrier						
	FenceRWPlan	FenceRWPlan	Roadway\Barrier\FenceRWPlan	157	RD_BR_FenceRWPlan	0
Structures						
Bridges						
	Bridge	Bridge	Structures\Bridges\Bridge	23	6	0
	BridgeNew	BridgeNew	Structures\Bridges\BridgeNew	7	0	2
	RRStructure	RRStructure	Structures\Bridges\RRStructure	119	6	0
	Structure	Structure	Structures\Bridges\Structure	55	5	0
Tunnels						
	Tunnel	Tunnel	Structures\Tunnels\Tunnel	87	5	0
Point						
Alignment						
	CLineRWCntrlCOGO		Alignment\Right of Way\Controlling\CLineRWCntrlCOGO	2	0	1
Monument Control						
Boundary						
	MonumentCalcd		Monument\Boundary\MonumentCalcd	60	0	0
	MonumentFound		Monument\Boundary\MonumentFound	60	0	0
	MonumentNew		Monument\Boundary\MonumentNew	44	0	0
	MonumentNotFound		Monument\Boundary\MonumentNotFound	60	0	4
Network Control						
	ControlPointNotFound		Monument\Network Control\ControlPointNotFound	28	0	1

S4.03 PS&E Feature Definitions

The listing below provides a complete list of standard Right of Way Feature Definitions by path/category. Feature Definitions include associated groups of annotation, symbology, and element attribute information. Listed color, line style, and line weight are the default bylevel attributes for the root Element Template. All elements shall be assigned a feature definition unless one is not available. In that case see S4.04 for the Right of Way standard element template list.

Path	Feature Definition Name	Description	Default/Root Element Template	Color	Line Style	Line Weight
Point						
Monument Control						
Network Control						
	GlobalPositioningPoint		Monument\Network Control\GlobalPositioningPoint	28	0	0
	GPPInstrumentStation		Monument\Network Control\GPPInstrumentStation	28	0	0
	PrimaryControlPoint		Monument\Network Control\PrimaryControlPoint	28	0	1
Right of Way						
Boundaries						
	MetesAndBoundsArrow		Right of Way\Boundaries\MetesAndBoundsArrow	19	2	2
	RWMarkerCalcd		Right of Way\Boundaries\RWMarkerCalcd	19	0	0
	RWMarkerFound		Right of Way\Boundaries\RWMarkerFound	19	0	0
	RWMarkerNotFound		Right of Way\Boundaries\RWMarkerNotFound	19	0	0
Parcels						
	OwnershipTie		Right of Way\Parcels\OwnershipTie	19	0	1
Section Info						
	CenterofSection		Right of Way\Section Info\CenterofSection	19	0	1
	ClosingCornerFound		Right of Way\Section Info\ClosingCornerFound	19	0	1
	ClosingCornerFoundNorth		Right of Way\Section Info\ClosingCornerFoundNorth	19	0	1
	ClosingCornerNotFound		Right of Way\Section Info\ClosingCornerNotFound	115	0	1
	ClosingQuarterCornerN		Right of Way\Section Info\ClosingQuarterCornerN	19	0	1
	ClosingQuarterCornerS		Right of Way\Section Info\ClosingQuarterCornerS	19	0	1
	MeanderCornerFound		Right of Way\Section Info\MeanderCornerFound	19	0	1
	MeanderCornerNotFound		Right of Way\Section Info\MeanderCornerNotFound	115	0	1
	QuarterCornerFoundEW		Right of Way\Section Info\QuarterCornerFoundEW	19	0	1
	QuarterCornerFoundNS		Right of Way\Section Info\QuarterCornerFoundNS	115	0	1
	QuarterCornerNotFoundEW		Right of Way\Section Info\QuarterCornerNotFoundEW	19	0	1
	QuarterCornerNotFoundNS		Right of Way\Section Info\QuarterCornerNotFoundNS	19	0	1
	SectionCornerFound		Right of Way\Section Info\SectionCornerFound	19	0	1
	SectionCornerNotFound		Right of Way\Section Info\SectionCornerNotFound	115	0	1
	SectionID		Right of Way\Section Info\SectionID	19	0	3
Topography						
Manmade						
	Well		Topography\Manmade\Well	126	2	0
Utilities						
Communication						
	SteelTransmissionTower		Utilities\Communication\SteelTransmissionTower	21	0	1
	WoodenTransmissionTower		Utilities\Communication\WoodenTransmissionTower	21	0	1
Power						
	SteelTransmissionTower		Utilities\Communication\SteelTransmissionTower	21	0	1
	WoodenTransmissionTower		Utilities\Communication\WoodenTransmissionTower	21	0	1

S4.04 Right of Way Element Templates

The element template listing below provides a complete list of standard Right of Way elements by path/category. When a feature definition is not available for a given element, an element template shall be assigned.

Path	Element Template Name	Level	Color	Line Style	Line Weight
Drainage					
Text					
	DrainageStructuresRWText	DR_ST_DrainageStructuresRWText	17	0	0
Environmental					
Text					
	WetlandsRWText	EV_WE_WetlandsRWText	55	0	0
Monument					
Boundary					
	MonumentText	MN_BD_MonumentText	60	0	0
	MonumentTextNew	MN_BD_MonumentTextNew	44	0	0
Right of Way					
Parcels					
Region Parcel Number					
	ParcelNumberER	RW_PA_ParcelNumberER	19	0	2
	ParcelNumberNCR	RW_PA_ParcelNumberNCR	19	0	2
	ParcelNumberNWR	RW_PA_ParcelNumberNWR	19	0	2
	ParcelNumberOR	RW_PA_ParcelNumberOR	19	0	2
	ParcelNumberSCR	RW_PA_ParcelNumberSCR	19	0	2
	ParcelNumberSWR	RW_PA_ParcelNumberSWR	19	0	2
	ParcelNumberWSDOT	RW_PA_ParcelNumberWSDOT	19	0	2
Text					
	BearingsText	RW_SC_BearingsText	19	2	0
	CenterofSectionsText	RW_SC_CenterofSectionsText	19	0	0
	CityNamesText	RW_PA_CityNamesText	19	0	1
	CityRWBndryStaOffText	RW_BD_CityRWBndryStaOffText	83	0	0
	ControlSectionText	RW_GB_ControlSectionText	19	0	0

S4.04 Right of Way Element Templates

The element template listing below provides a complete list of standard Right of Way elements by path/category. When a feature definition is not available for a given element, an element template shall be assigned.

Path	Element Template Name	Level	Color	Line Style	Line Weight
Right of Way Text					
	CountyRWBndryStaOffText	RW_BD_CountyRWBndryStaOffTex	115	0	0
	DescriptionsText	RW_SC_DescriptionsText	19	0	0
	DonationLandClaimsText	RW_SC_DonationLandClaimsText	147	0	0
	EsmntPermitLineStaOffText	RW_ES_EsmntPermitLineStaOffTex	19	0	0
	EsmntPermitsText	RW_ES_EsmntPermitsText	19	0	0
	EsmntPermitsTextNew	RW_ES_EsmntPermitsTextNew	3	0	0
	GovtBndryText	RW_GB_GovtBndryText	19	0	0
	GovtLotIDText	RW_SC_GovtLotIDText	147	0	0
	HighwayRWBndrySOTextNew	RW_BD_HighwayRWBndrySOText	3	0	0
	HighwayRWBndryStaOffText	RW_BD_HighwayRWBndryStaOffT	19	0	0
	InterchangeNamesText	RW_PA_InterchangeNamesText	19	0	1
	LotNumbering	RW_PA_LotNumbering	19	0	0
	MeanderLineText	RW_SC_MeanderLineText	19	0	0
	MetesandBoundsRWText	RW_BD_MetesAndBoundsRWText	19	0	0
	MetesandBoundsSundryText	RW_BD_MetesAndBoundsSundryT	19	0	0
	ParcelNoText	RW_PA_ParcelNoText	19	0	0
	RangeLinesText	RW_SC_RangeLinesText	115	0	2
	RRRWStaOffText	RW_BD_RRRWStaOffText	147	0	0
	SectionCornerNumberText	RW_SC_SectionCornerNumberText	19	0	0
	SiteRWNameText	RW_BD_SiteRWNameText	115	0	0
	SiteRWStaOffText	RW_BD_SiteRWStaOffText	147	0	0
	SubdivisionsNamesText	RW_PA_SubdivisionsNamesText	51	0	1
	SurplusPropertyBndryNote	RW_PA_SurplusPropertyBndryNot	19	0	1
	TownshipRangeLineText	RW_SC_TownshipRangeLineText	147	0	2
	TurnbackRelinquishText	RW_BD_TurnbackRelinquishText	51	0	0

S4.04 Right of Way Element Templates

The element template listing below provides a complete list of standard Right of Way elements by path/category. When a feature definition is not available for a given element, an element template shall be assigned.

Path	Element Template Name	Level	Color	Line Style	Line Weight
Right of Way					
Text					
	UtilityRWStaOffText	RW_BD_UtilityRWStaOffText	19	0	0
Roadway					
Text					
	RoadwayNamesText	RD_ED_RoadwayNamesText	29	0	0
Sheet					
Borders					
Right of Way					
	Access Hearing	SH_PR_SheetAccessHearing	18	0	1
	Exhibit Map	SH_PR_SheetExhibitMap	18	0	1
	Record of Survey	SH_PR_SheetRecordOfSurvey	18	0	1
	RW Limited Access	SH_PR_SheetRWLimitedAccess	18	0	1
	RW Plan Sheet	SH_PR_SheetRW	18	0	1
	RW Plan Sheet - Border Only	SH_PR_SheetRWBorderOnly	18	0	1
	RW Vicinity Map	SH_PR_SheetVicinityMap	18	0	1
	Sundry Site	SH_PR_SheetSundrySite	18	0	1
General Items					
	Destination Arrow - PS&E	SH_GI_DestinationArrow	18	0	2
	Destination Arrow - R/W	SH_GI_DestinationArrow	18	0	2
	Line Break - Large	SH_GI_LineBreakLg	18	0	2
	Line Break - Small	SH_GI_LineBreakSm	18	0	2
	Township Range - Top of Sheet	SH_GI_TownshipRangeTopSheetTe	24	0	2
	Traffic Movement Arrow - Left	SH_GI_TrafficMvmntArrow	18	0	1
	Traffic Movement Arrow - Opposin	SH_GI_TrafficMvmntArrow	18	0	1
	Traffic Movement Arrow - Right	SH_GI_TrafficMvmntArrow	18	0	1
General Text					

S4.04 Right of Way Element Templates

The element template listing below provides a complete list of standard Right of Way elements by path/category. When a feature definition is not available for a given element, an element template shall be assigned.

Path	Element Template Name	Level	Color	Line Style	Line Weight
Sheet					
General Items					
	Text Body 2 - RW	SH_GI_TextBody2	18	0	0
	Text Body 3 - RW	SH_GI_TextBody3	18	0	0
Scale Bars					
	Scale Bar 100	SH_GI_ScaleBar100	18	0	5
	Scale Bar 1000	SH_GI_ScaleBar1000	18	0	5
	Scale Bar 20	SH_GI_ScaleBar20	18	0	5
	Scale Bar 200	SH_GI_ScaleBar200	18	0	5
	Scale Bar 2000	SH_GI_ScaleBar2000	18	0	5
	Scale Bar 40	SH_GI_ScaleBar40	18	0	5
	Scale Bar 50	SH_GI_ScaleBar50	18	0	5
	Scale Bar 500	SH_GI_ScaleBar500	18	0	5
Plans					
	Match Line	SH_GI_MatchLine	18	0	3
	North Arrow	SH_GI_NorthArrow	18	0	2
	Township Range - Top of Sheet	SH_GI_TownshipRangeTopSheetTe	24	0	2
	Traffic Movement Arrow - Left	SH_GI_TrafficMvmntArrow	18	0	1
	Traffic Movement Arrow - Opposin	SH_GI_TrafficMvmntArrow	18	0	1
	Traffic Movement Arrow - Right	SH_GI_TrafficMvmntArrow	18	0	1
Review - Markup					
	Revision Strike Thru Double Line	SH_GI_RevisionStrikeThruDoubleLi	2	SH_GI_RevisionStrikeThruDoubleLi	0
	Revision Strike Thru Single Line	SH_GI_RevisionStrikeThruSingleLin	2	0	0
	Revision Strike Thru Squiggle	SH_GI_RevisionStrikeThruSquiggle	2	SH_GI_RevisionStrikeThruSquiggle	0
Right of Way Plans					
	Begin-End Plan	SH_PR_BeginEndPlanText	18	0	2

S4.04 Right of Way Element Templates

The element template listing below provides a complete list of standard Right of Way elements by path/category. When a feature definition is not available for a given element, an element template shall be assigned.

Path	Element Template Name	Level	Color	Line Style	Line Weight
Sheet					
Right of Way Plans					
Legends and Schedules					
	Legend	SH_GI_Legend	0	0	0
	Legend w Limited Access	SH_GI_Legend	0	0	0
Text and Notes					
	Access Notes Body	SH_PR_AccessNotesBodyText	18	0	0
	Access Notes Heading	SH_PR_AccessNotesHeadingText	18	0	0
	Basis of Bearing - Cell	SH_PR_BasisofBearing	18	0	2
	Cross Reference Note	SH_PR_CrossReferenceNotesText	18	0	0
	Exhibit A Note - Cell	SH_PR_ExhibitANote	18	0	3
	Limited Access Designation Note - C	SH_PR_LaccessDesignationNote	18	0	1
	Limited Access Establish Note - Cell	SH_PR_LaccessEstablishNote	18	0	2
	Limited Access Tentative Note - Cell	SH_PR_LaccessTentativeNote	18	0	2
	Recording Certificate - Cell	SH_PR_RecordingCertificate	0	0	1
	Road Approach Type A Note - Cell	SH_PR_RoadApproachTypeANote	18	0	2
	Road Approach Type B Note - Cell	SH_PR_RoadApproachTypeBNote	18	0	2
	Road Approach Type C Note - Cell	SH_PR_RoadApproachTypeCNote	18	0	2
	Road Approach Type D Note - Cell	SH_PR_RoadApproachTypeDNote	18	0	2
	Road Approach Type E Note - Cell	SH_PR_RoadApproachTypeENote	18	0	2
	Road Approach Type F Note - Cell	SH_PR_RoadApproachTypeFNote	18	0	2
	Supplemental Access Note 1 - Cell	SH_PR_SupplementalAccessNote1	18	0	2
	Supplemental Access Note 2 - Cell	SH_PR_SupplementalAccessNote2	18	0	2
	Supplemental Access Note 21 - Cell	SH_PR_SupplementalAccessNote2	18	0	2
	Supplemental Access Note 3 - Cell	SH_PR_SupplementalAccessNote3	18	0	2
	Supplemental Access Note 4 - Cell	SH_PR_SupplementalAccessNote4	18	0	2
	Supplemental Access Note 5 - Cell	SH_PR_SupplementalAccessNote5	18	0	2
	Supplemental Access Note 9 - Cell	SH_PR_SupplementalAccessNote9	18	0	2

S4.04 Right of Way Element Templates

The element template listing below provides a complete list of standard Right of Way elements by path/category. When a feature definition is not available for a given element, an element template shall be assigned.

Path	Element Template Name	Level	Color	Line Style	Line Weight
Sheet					
Right of Way Plans					
	Surveyor Certificate - Cell	SH_PR_SurveyorCertificate	0	0	1
	Verification Note - Cell	SH_PR_VerificationNotes	18	0	2
	Vicinity Map Body	SH_PR_VicinityMapBodyText	18	0	0
	Vicinity Map Heading	SH_PR_VicinityMapHeadingText	18	0	2
Structures					
Text					
	BridgeRWText	ST_BG_BridgeRWText	23	0	0
	TunnelRWText	ST_BG_TunnelRWText	23	0	0
Topography					
Text					
Manmade					
	DistanceTieText	TP_MM_DistanceTieText	30	0	0
	ManmadeTopographyRWText	TP_MM_ManmadeTopographyRW	30	0	0
	RRText	TP_MM_RRText	62	0	0
Natural					
	WaterPondLakeResRWText	TP_NT_WaterPondLakeResRWText	126	0	0
Utilities					
Power					
Profile					
	UndGndPowerLineProfile	UT_PW_UndGndPowerLine	117	UT_PW_UndGndPowerLine	0

S4.05 Standard Symbols (cont.)

All items are shown for all drawing scales at the size they will appear on a 22"x34" Right of Way sheet. Elements are listed by the Element Template path\structure. Where noted, use the Feature Definition rather than Element Template to place feature.

Alignment - Right of Way - Controlling

Element Template (Level Name) | ByLevel Weight / ByLevel Style / byLevel Color / Element Type | Example

CLineRWCntrl — 5 / 0 / 2 / Linear

AL_RW_CLineRWCntrl

USE FEATURE DEFINITION: Alignment\Right of Way\Controlling\CLineRWCntrl

CLineRWCntrlBearingsText — 0 / 0 / 2 / Text

AL_RW_CLineRWCntrlBearingsText

USE FEATURE DEFINITION: Alignment\Right of Way\Controlling\CLineRWCntrl
Text Style: RW_Bearings
Text Font: WSDOT CAE
Text Size: 0.01

Example: **S 88° 55' 25" W**

CLineRWCntrlCOGO — 1 / 0 / 2 / Linear

AL_RW_CLineRWCntrlCOGO

USE FEATURE DEFINITION: Point\Alignment\CLineRWCntrlCOGO

CLineRWCntrlCrvDataText — 0 / 0 / 2 / Text

AL_RW_CLineRWCntrlCrvDataText

USE FEATURE DEFINITION: Alignment\Right of Way\Controlling\CLineRWCntrl
Text Style: RW_CurveData
Text Font: WSDOT CAE
Text Size: 0.01

Example: **S 88° 55' 25" W**

CLineRWCntrlCurvePtCircle — 1 / 0 / 2 / Cell

AL_RW_CLineRWCntrlCurvePtCircle

USE FEATURE DEFINITION: Alignment\Right of Way\Controlling\CLineRWCntrl

CLineRWCntrlGradeIntText — 0 / 0 / 2 / Text

AL_RW_CLineRWCntrlGradeIntText

USE FEATURE DEFINITION: Alignment\Right of Way\Controlling\CLineRWCntrl
Text Style: RW_GradeIntersection
Text Font: WSDOT CAE
Text Size: 0.01

Example: GRADE INTERSECTION

S4.05 Standard Symbols (cont.)

All items are shown for all drawing scales at the size they will appear on a 22"x34" Right of Way sheet. Elements are listed by the Element Template path\structure. Where noted, use the Feature Definition rather than Element Template to place feature.

Alignment - Right of Way - Controlling

Element Template (Level Name) | ByLevel Weight / byLevel Color | ByLevel Style / Element Type | Example

CLineRWCntrlLineDesText — 0 | 0 / 2 | Text — **L LINE**

AL_RW_CLineRWCntrlLineDesText

USE FEATURE DEFINITION: Alignment\Right of Way\Controlling\CLineRWCntrl
Text Style: 08-Bold
Text Font: WSDOT CAE
Text Size: 0.006667

CLineRWCntrlMajorStaText — 0 | 0 / 2 | Text — **10**

AL_RW_CLineRWCntrlMajorStaText

USE FEATURE DEFINITION: Alignment\Right of Way\Controlling\CLineRWCntrl
Text Style: RW_MajorStation
Text Font: WSDOT CAE
Text Size: 0.015

CLineRWCntrlPCPIPTText — 0 | 0 / 2 | Text — **210+68.42 P.C.**

AL_RW_CLineRWCntrlPCPIPTText

USE FEATURE DEFINITION: Alignment\Right of Way\Controlling\CLineRWCntrl
Text Style: RW_PCPIPT-LT
Text Font: WSDOT CAE
Text Size: 0.01

CLineRWCntrlPItoPILine — 0 | 2 / 2 | Linear

AL_RW_CLineRWCntrlPItoPILine

USE FEATURE DEFINITION: Alignment\Right of Way\Controlling\CLineRWCntrl

CLineRWCntrlSRNoText — 0 | 0 / 2 | Text — **SR 104**

AL_RW_CLineRWCntrlSRNoText

USE FEATURE DEFINITION: Alignment\Right of Way\Controlling\CLineRWCntrl
Text Style: 09-Bold
Text Font: WSDOT CAE
Text Size: 0.0075

CLineRWCntrlStaEquaText — 0 | 0 / 2 | Text — **110+68.42 =**

AL_RW_CLineRWCntrlStaEquaText

USE FEATURE DEFINITION: Alignment\Right of Way\Controlling\CLineRWCntrl
Text Style: RW_StaEqua
Text Font: WSDOT CAE
Text Size: 0.01

CLineRWCntrlStaEquation — 1 | 0 / 2 | Cell — EQUATION

AL_RW_CLineRWCntrlStaEquation

USE FEATURE DEFINITION: Alignment\Right of Way\Controlling\CLineRWCntrl

S4.05 Standard Symbols (cont.)

All items are shown for all drawing scales at the size they will appear on a 22"x34" Right of Way sheet. Elements are listed by the Element Template path\structure. Where noted, use the Feature Definition rather than Element Template to place feature.

Alignment - Right of Way - Controlling

Element Template (Level Name)	ByLevel Weight | ByLevel Style byLevel Color | Element Type	Example

CLineRWCntrlStationText
AL_RW_CLineRWCntrlStationText

0 | 0
2 | Text

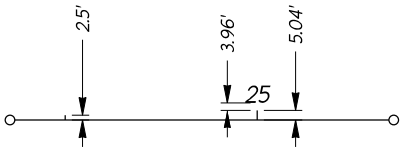
USE FEATURE DEFINITION: Alignment\Right of Way\Controlling\CLineRWCntrl
Text Style: 6
Text Font: WSDOT CAE
Text Size: 0.005

10+68.42 P.C.

CLineRWCntrlTics
AL_RW_CLineRWCntrlTics

2 | 0
2 | Cell

USE FEATURE DEFINITION: Alignment\Right of Way\Controlling\CLineRWCntrl



S4.05 Standard Symbols (cont.)

All items are shown for all drawing scales at the size they will appear on a 22"x34" Right of Way sheet. Elements are listed by the Element Template path\structure. Where noted, use the Feature Definition rather than Element Template to place feature.

Alignment - Right of Way - Misc

Element Template (Level Name) | ByLevel Weight / ByLevel Style / byLevel Color / Element Type | Example

CLineBikePath
AL_RW_CLineBikePath
2 | 3 | 114 | Linear
USE FEATURE DEFINITION: Alignment\Right of Way\Misc\CLineBikePath

CLineCityStreet
AL_RW_CLineCityStreet
1 | AL_RW_ClineCityStreet | 18 | Linear
USE FEATURE DEFINITION: Alignment\Right of Way\Misc\CLineCityStreet

CLineCountyRoad
AL_RW_CLineCountyRoad
1 | AL_RW_CLineCountyRoad | 18 | Linear
USE FEATURE DEFINITION: Alignment\Right of Way\Misc\CLineCountyRoad

CLinePedPath
AL_RW_CLinePedPath
2 | 3 | 114 | Linear
USE FEATURE DEFINITION: Alignment\Right of Way\Misc\CLinePedPath

CLinePrivateRoad
AL_RW_CLinePrivateRoad
2 | 3 | 114 | Linear
USE FEATURE DEFINITION: Alignment\Right of Way\Misc\CLinePrivateRoad

CLineTrail
AL_RW_CLineTrail
2 | 3 | 114 | Linear
USE FEATURE DEFINITION: Alignment\Right of Way\Misc\CLineTrail

S4.05 Standard Symbols (cont.)

All items are shown for all drawing scales at the size they will appear on a 22"x34" Right of Way sheet. Elements are listed by the Element Template path\structure. Where noted, use the Feature Definition rather than Element Template to place feature.

Alignment - Right of Way - Non-Controlling - Existing

Element Template (Level Name) | ByLevel Weight / byLevel Color | ByLevel Style / Element Type | Example

CLineRWNonCntrlEx — 4 | AL_RW_CLineRWNonCntrlEx / 82 | Linear

AL_RW_CLineRWNonCntrlEx

USE FEATURE DEFINITION: Alignment\Right of Way\Non-Controlling\CLineRWNonCntrlEx

CLineRWNonCntrlExNameText — 0 | 0 / 82 | Text

AL_RW_CLineRWNonCntrlExNameText

L LINE

USE FEATURE DEFINITION: Alignment\Right of Way\Non-Controlling\CLineRWNonCntrlEx
Text Style: RW_NonControlExName
Text Font: WSDOT CAE
Text Size: 0.013333

S4.05 Standard Symbols (cont.)

All items are shown for all drawing scales at the size they will appear on a 22"x34" Right of Way sheet. Elements are listed by the Element Template path\structure. Where noted, use the Feature Definition rather than Element Template to place feature.

Alignment - Right of Way - Non-Controlling - Proposed

Element Template (Level Name)	ByLevel Weight | ByLevel Style byLevel Color | Element Type	Example
CLineRWNonCntrlPr AL_RW_CLineRWNonCntrlPr USE FEATURE DEFINITION: Alignment\Right of Way\Non-Controlling\CLineRWNonCntrlPr	4 | AL_RW_CLineRWNonCntrlPr 82 | Linear	
CLineRWNonCntrlPrNameText AL_RW_CLineRWNonCntrlPrNameText USE FEATURE DEFINITION: Alignment\Right of Way\Non-Controlling\CLineRWNonCntrlPr Text Style: 08-Bold Text Font: WSDOT CAE Text Size: 0.006667	0 | 0 82 | Text	**L LINE**

S4.05 Standard Symbols (cont.)

All items are shown for all drawing scales at the size they will appear on a 22"x34" Right of Way sheet. Elements are listed by the Element Template path\structure. Where noted, use the Feature Definition rather than Element Template to place feature.

Drainage - Text

Element Template (Level Name)	ByLevel Weight | ByLevel Style byLevel Color | Element Type	Example
DrainageStructuresRWText DR_ST_DrainageStructuresRWText Text Style: 5 Text Font: WSDOT CAE Text Size: 0.004167	0 | 0 17 | Text	CULVERT

S4.05 Standard Symbols (cont.)

All items are shown for all drawing scales at the size they will appear on a 22"x34" Right of Way sheet. Elements are listed by the Element Template path\structure. Where noted, use the Feature Definition rather than Element Template to place feature.

Environmental - Text

Element Template (Level Name)	ByLevel Weight | ByLevel Style byLevel Color | Element Type	Example
WetlandsRWText EV_WE_WetlandsRWText Text Style: 20-Bold Text Font: WSDOT CAE Text Size: 0.016667	0 | 0 55 | Text	WETLANDS

S4.05 Standard Symbols (cont.)

All items are shown for all drawing scales at the size they will appear on a 22"x34" Right of Way sheet. Elements are listed by the Element Template path\structure. Where noted, use the Feature Definition rather than Element Template to place feature.

Environmental - Wetlands

Element Template (Level Name)	ByLevel Weight | ByLevel Style byLevel Color | Element Type	Example
StormwaterTrtmntRWPlan EV_WE_StormwaterTrtmntRWPlan USE FEATURE DEFINITION: Linear\Environmental\Wetlands\StormWaterTrtmntRWPlan	5 | 3 55 | Linear	
StormwaterTrtmntRWPlanNew EV_WE_StormwaterTrtmntRWPlanNew USE FEATURE DEFINITION: Linear\Environmental\Wetlands\StormWaterTrtmntRWPlanNew	5 | 0 41 | Linear	
WetlandMitigationRWP EV_WE_WetlandMitigationRWP USE FEATURE DEFINITION: Linear\Environmental\Wetlands\WetlandMitigationRWP	5 | 3 55 | Linear	
WetlandMitigationRWPNew EV_WE_WetlandMitigationRWPNew USE FEATURE DEFINITION: Linear\Environmental\Wetlands\WetlandMitigationRWPNew	5 | 0 41 | Linear	

S4.05 Standard Symbols (cont.)

All items are shown for all drawing scales at the size they will appear on a 22"x34" Right of Way sheet. Elements are listed by the Element Template path\structure. Where noted, use the Feature Definition rather than Element Template to place feature.

Monument - Boundary

Element Template (Level Name)	ByLevel Weight | ByLevel Style byLevel Color | Element Type	Example
MonumentCalcd MN_BD_MonumentCalcd USE FEATURE DEFINITION: Point\Monument Control\Boundary\MonumentCalcd	0 | 0 60 | Cell	○
MonumentFound MN_BD_MonumentFound USE FEATURE DEFINITION: Point\Monument Control\Boundary\MonumentFound	0 | 0 60 | Cell	•
MonumentNew MN_BD_MonumentNew USE FEATURE DEFINITION: Point\Monument Control\Boundary\MonumentNew	0 | 0 44 | Cell	◉
MonumentNotFound MN_BD_MonumentNotFound USE FEATURE DEFINITION: Point\Monument Control\Boundary\MonumentNotFound	4 | 0 60 | Cell	⊙
MonumentText MN_BD_MonumentText Text Style: MN_Exist Text Font: WSDOT CAE Text Size: 0.004167	0 | 0 60 | Text	GP 11395-6

S4.05 Standard Symbols (cont.)

All items are shown for all drawing scales at the size they will appear on a 22"x34" Right of Way sheet. Elements are listed by the Element Template path\structure. Where noted, use the Feature Definition rather than Element Template to place feature.

Monument - Boundary

Element Template (Level Name)	ByLevel Weight | ByLevel Style byLevel Color | Element Type	Example
MonumentTextNew MN_BD_MonumentTextNew Text Style: MN_New Text Font: WSDOT CAE Text Size: 0.004167	0 | 0 44 | Text	GP 11395-6

S4.05 Standard Symbols (cont.)

All items are shown for all drawing scales at the size they will appear on a 22"x34" Right of Way sheet. Elements are listed by the Element Template path\structure. Where noted, use the Feature Definition rather than Element Template to place feature.

Monument - Network Control

Element Template (Level Name) | ByLevel Weight / byLevel Color | ByLevel Style / Element Type | Example

ControlPointNotFound
MN_NC_ControlPointNotFound
1 / 0
28 / Cell



USE FEATURE DEFINITION: Point\Monument Control\Network Control\ControlPointNotFound

GlobalPositioningPoint
MN_NC_GlobalPositioningPoint
0 / 0
28 / Cell



USE FEATURE DEFINITION: Point\Monument Control\Network Control\GlobalPositioningPoint

GPPInstrumentStation
MN_NC_GPPInstrumentStation
0 / 0
28 / Cell



USE FEATURE DEFINITION: Point\Monument Control\Network Control\GPPInstrumentStation

PrimaryControlPoint
MN_NC_PrimaryControlPoint
1 / 0
28 / Cell



USE FEATURE DEFINITION: Point\Monument Control\Network Control\PrimaryControlPoint

S4.05 Standard Symbols (cont.)

All items are shown for all drawing scales at the size they will appear on a 22"x34" Right of Way sheet. Elements are listed by the Element Template path\structure. Where noted, use the Feature Definition rather than Element Template to place feature.

Right of Way - Boundaries

Element Template (Level Name) | ByLevel Weight / ByLevel Style / byLevel Color / Element Type | Example

CityRWBndry
RW_BD_CityRWBndry
ByLevel Weight: 2 | ByLevel Style: 3 | byLevel Color: 83 | Element Type: Linear

USE FEATURE DEFINITION: Linear\Right of Way\Boundaries\CityRWBndry

CountyRWBndry
RW_BD_CountyRWBndry
ByLevel Weight: 2 | ByLevel Style: 3 | byLevel Color: 83 | Element Type: Linear

USE FEATURE DEFINITION: Linear\Right of Way\Boundaries\CountyRWBndry

HighwayRWBndry
RW_BD_HighwayRWBndry
ByLevel Weight: 2 | ByLevel Style: RW_BD_HighwayRWBndry | byLevel Color: 19 | Element Type: Linear

USE FEATURE DEFINITION: Linear\Right of Way\Boundaries\HighwayRWBndry

HighwayRWBndryCoincident
RW_BD_HighwayRWBndryCoincident
ByLevel Weight: 5 | ByLevel Style: RW_BD_HighwayRWBndryCoincident | byLevel Color: 19 | Element Type: Linear

USE FEATURE DEFINITION: Linear\Right of Way\Boundaries\HighwayRWBndryCoincident

HighwayRWBndryNew
RW_BD_HighwayRWBndryNew
ByLevel Weight: 5 | ByLevel Style: 0 | byLevel Color: 3 | Element Type: Linear

USE FEATURE DEFINITION: Linear\Right of Way\Boundaries\HighwayRWBndryNew

LAccessCoincidentRWLT
RW_BD_LAccessCoincidentRWLT
ByLevel Weight: 5 | ByLevel Style: RW_BD_LAccessCoincidentRWLT | byLevel Color: 35 | Element Type: Linear

USE FEATURE DEFINITION: Linear\Right of Way\Boundaries\LAccessCoincidentRWLT

LAccessCoincidentRWRT
RW_BD_LAccessCoincidentRWRT
ByLevel Weight: 5 | ByLevel Style: RW_BD_LAccessCoincidentRWRT | byLevel Color: 35 | Element Type: Linear

USE FEATURE DEFINITION: Linear\Right of Way\Boundaries\LAccessCoincidentRWRT

S4.05 Standard Symbols (cont.)

All items are shown for all drawing scales at the size they will appear on a 22"x34" Right of Way sheet. Elements are listed by the Element Template path\structure. Where noted, use the Feature Definition rather than Element Template to place feature.

Right of Way - Boundaries

Element Template (Level Name) | ByLevel Weight / byLevel Color | ByLevel Style / Element Type | Example

LAccessFloatingLTNew
RW_BD_LAccessFloatingLTNew
2 | RW_BD_LAccessFloatingLTNew
35 | Linear

USE FEATURE DEFINITION: Linear\Right of Way\Boundaries\LAccessFloatingLTNew

LAccessFloatingRTNew
RW_BD_LAccessFloatingRTNew
2 | RW_BD_LAccessFloatingRTNew
35 | Linear

USE FEATURE DEFINITION: Linear\Right of Way\Boundaries\LAccessFloatingRTNew

LAccessProposedRWLT
RW_BD_LAccessProposedRWLT
5 | RW_BD_LAccessProposedRWLT
35 | Linear

USE FEATURE DEFINITION: Linear\Right of Way\Boundaries\LAccessProposedRWLT

LAccessProposedRWRT
RW_BD_LAccessProposedRWRT
5 | RW_BD_LAccessProposedRWRT
35 | Linear

USE FEATURE DEFINITION: Linear\Right of Way\Boundaries\LAccessProposedRWRT

MetesAndBoundsArrow
RW_BD_MetesAndBoundsArrow
2 | 2
19 | Linear

USE FEATURE DEFINITION: Point\Right of Way\Boundaries\MetesAndBoundsArrow

RRRWBndry
RW_BD_RRRWBndry
2 | RW_BD_RRRWBndry
147 | Linear

USE FEATURE DEFINITION: Linear\Right of Way\Boundaries\RRRWBndry

RRRWBndryNew
RW_BD_RRRWBndryNew
5 | 0
3 | Linear

USE FEATURE DEFINITION: Linear\Right of Way\Boundaries\RRRWBndryNew

S4.05 Standard Symbols (cont.)

All items are shown for all drawing scales at the size they will appear on a 22"x34" Right of Way sheet. Elements are listed by the Element Template path\structure. Where noted, use the Feature Definition rather than Element Template to place feature.

Right of Way - Boundaries

Element Template (Level Name)	ByLevel Weight | ByLevel Style byLevel Color | Element Type	Example
RWMarkerCalcd RW_BD_RWMarkerCalcd USE FEATURE DEFINITION: Point\Right of Way\Boundaries\RWMarkerCalcd	0 | 0 19 | Cell	
RWMarkerFound RW_BD_RWMarkerFound USE FEATURE DEFINITION: Point\Right of Way\Boundaries\RWMarkerFound	0 | 0 19 | Cell	
RWMarkerNotFound RW_BD_RWMarkerNotFound USE FEATURE DEFINITION: Point\Right of Way\Boundaries\RWMarkerNotFound	0 | 0 19 | Cell	
SiteRWBndry RW_BD_SiteRWBndry USE FEATURE DEFINITION: Linear\Right of Way\Boundaries\SiteRWBndry	2 | RW_BD_SiteRWBndry 115 | Linear	
SiteRWBndryCoincident RW_BD_SiteRWBndryCoincident USE FEATURE DEFINITION: Linear\Right of Way\Boundaries\SiteRWBndryCoincident	5 | RW_BD_SiteRWBndryCoincident 99 | Linear	

S4.05 Standard Symbols (cont.)

All items are shown for all drawing scales at the size they will appear on a 22"x34" Right of Way sheet. Elements are listed by the Element Template path\structure. Where noted, use the Feature Definition rather than Element Template to place feature.

Right of Way - Boundaries

Element Template (Level Name)	ByLevel Weight | ByLevel Style byLevel Color | Element Type	Example
SiteRWBndryNew RW_BD_SiteRWBndryNew USE FEATURE DEFINITION: Linear\Right of Way\Boundaries\SiteRWBndryNew	5 | 0 99 | Linear	
TurnbackLine RW_BD_TurnbackLine USE FEATURE DEFINITION: Linear\Right of Way\Boundaries\TurnbackLine	5 | 0 51 | Linear	
UtilityRWBndry RW_BD_UtilityRWBndry USE FEATURE DEFINITION: Linear\Right of Way\Boundaries\UtilityRWBndry	3 | RW_BD_UtilityRWBndry 147 | Linear	
UtilityRWBndryCoincident RW_BD_UtilityRWBndryCoincident USE FEATURE DEFINITION: Linear\Right of Way\Boundaries\UtilityRWBndryCoincident	5 | RW_BD_UtilityRWBndryCoincident 131 | Linear	
UtilityRWBndryNew RW_BD_UtilityRWBndryNew USE FEATURE DEFINITION: Linear\Right of Way\Boundaries\UtilityRWBndryNew	3 | 0 131 | Linear	

S4.05 Standard Symbols (cont.)

All items are shown for all drawing scales at the size they will appear on a 22"x34" Right of Way sheet. Elements are listed by the Element Template path\structure. Where noted, use the Feature Definition rather than Element Template to place feature.

Right of Way - Easements and Permits

Element Template (Level Name) | ByLevel Weight | ByLevel Style / byLevel Color | Element Type | Example

EsmntControllingLine
RW_ES_EsmntControllingLine
2 | RW_ES_EsmntControllingLine
19 | Linear

USE FEATURE DEFINITION: Linear\Right of Way\Easements and Permits\EsmntControllingLine

EsmntLine
RW_ES_EsmntLine
3 | 3
19 | Linear

USE FEATURE DEFINITION: Linear\Right of Way\Easements and Permits\EsmntLine

EsmntLineNew
RW_ES_EsmntLineNew
3 | 0
3 | Linear

USE FEATURE DEFINITION: Linear\Right of Way\Easements and Permits\EsmntLineNew

EsmntLineRR
RW_ES_EsmntLineRR
5 | 0
51 | Linear

USE FEATURE DEFINITION: Linear\Right of Way\Easements and Permits\EsmntLineRR

EsmntLineRRNew
RW_ES_EsmntLineRRNew
5 | 0
35 | Linear

USE FEATURE DEFINITION: Linear\Right of Way\Easements and Permits\EsmntLineRRNew

EsmntLineUtility
RW_ES_EsmntLineUtility
3 | 3
19 | Linear

USE FEATURE DEFINITION: Linear\Right of Way\Easements and Permits\EsmntLineUtility

EsmntLineUtilityNew
RW_ES_EsmntLineUtilityNew
3 | 0
3 | Linear

USE FEATURE DEFINITION: Linear\Right of Way\Easements and Permits\EsmntLineUtilityNew

S4.05 Standard Symbols (cont.)

All items are shown for all drawing scales at the size they will appear on a 22"x34" Right of Way sheet. Elements are listed by the Element Template path\structure. Where noted, use the Feature Definition rather than Element Template to place feature.

Right of Way - Easements and Permits

Element Template (Level Name)

ByLevel Weight | ByLevel Style
byLevel Color | Element Type

Example

PermitHarborLine
RW_ES_PermitHarborLine
3 | RW_ES_PermitHarborLine
19 | Linear

USE FEATURE DEFINITION: Linear\Right of Way\Easements and Permits\PermitHarborLine

PermitLine
RW_ES_PermitLine
3 | 0
83 | Linear

USE FEATURE DEFINITION: Linear\Right of Way\Easements and Permits\PermitLine

PermitLineNew
RW_ES_PermitLineNew
3 | 0
67 | Linear

USE FEATURE DEFINITION: Linear\Right of Way\Easements and Permits\PermitLineNew

SubterraneanEsmntLine
RW_ES_SubterraneanEsmntLine
3 | 3
115 | Linear

USE FEATURE DEFINITION: Linear\Right of Way\Easements and Permits\SubterraneanEsmntLine

SubterraneanEsmntLineNew
RW_ES_SubterraneanEsmntLineNew
3 | 0
99 | Linear

USE FEATURE DEFINITION: Linear\Right of Way\Easements and Permits\SubterraneanEsmntLineNew

TempConstrEsmntLine
RW_ES_TempConstrEsmntLine
3 | 3
147 | Linear

USE FEATURE DEFINITION: Linear\Right of Way\Easements and Permits\TempConstrEsmntLine

TempConstrEsmntLineNew
RW_ES_TempConstrEsmntLineNew
3 | 0
131 | Linear

USE FEATURE DEFINITION: Linear\Right of Way\Easements and Permits\TempConstrEsmntLineNew

S4.05 Standard Symbols (cont.)

All items are shown for all drawing scales at the size they will appear on a 22"x34" Right of Way sheet. Elements are listed by the Element Template path\structure. Where noted, use the Feature Definition rather than Element Template to place feature.

Right of Way - Government Boundaries

Element Template (Level Name) | ByLevel Weight / byLevel Color | ByLevel Style / Element Type | Example

ControlSection
RW_GB_ControlSection
ByLevel Weight: 0 / byLevel Color: 0
ByLevel Style: 51 / Element Type: Linear

USE FEATURE DEFINITION: Linear\Right of Way\Government Boundaries\ControlSection

CorpLimitLine
RW_GB_CorpLimitLine
ByLevel Weight: 5 / byLevel Color: RW_GB_CorpLimitLine
ByLevel Style: 19 / Element Type: Linear

USE FEATURE DEFINITION: Linear\Right of Way\Government Boundaries\CorpLimitLine

CountyLine
RW_GB_CountyLine
ByLevel Weight: 5 / byLevel Color: RW_GB_CountyLine
ByLevel Style: 51 / Element Type: Linear

USE FEATURE DEFINITION: Linear\Right of Way\Government Boundaries\CountyLine

ForestBndry
RW_GB_ForestBndry
ByLevel Weight: 4 / byLevel Color: RW_GB_ForestBndry
ByLevel Style: 83 / Element Type: Linear

USE FEATURE DEFINITION: Linear\Right of Way\Government Boundaries\ForestBndry

ParkBndry
RW_GB_ParkBndry
ByLevel Weight: 4 / byLevel Color: RW_GB_ParkBndry
ByLevel Style: 115 / Element Type: Linear

USE FEATURE DEFINITION: Linear\Right of Way\Government Boundaries\ParkBndry

ReservationBndry
RW_GB_ReservationBndry
ByLevel Weight: 4 / byLevel Color: RW_GB_ReservationBndry
ByLevel Style: 147 / Element Type: Linear

USE FEATURE DEFINITION: Linear\Right of Way\Government Boundaries\ReservationBndry

StateBndry
RW_GB_StateBndry
ByLevel Weight: 5 / byLevel Color: RW_GB_StateBndry
ByLevel Style: 19 / Element Type: Linear

USE FEATURE DEFINITION: Linear\Right of Way\Government Boundaries\StateBndry

S4.05 Standard Symbols (cont.)

All items are shown for all drawing scales at the size they will appear on a 22"x34" Right of Way sheet. Elements are listed by the Element Template path\structure. Where noted, use the Feature Definition rather than Element Template to place feature.

Right of Way - Parcels

Element Template (Level Name)	ByLevel Weight | ByLevel Style byLevel Color | Element Type	Example
CLineAccessRoad RW_PA_CLineAccessRoad USE FEATURE DEFINITION: Linear\Right of Way\Parcels\CLineAccessRoad	2 | 0 19 | Linear	
LotLine RW_PA_LotLine USE FEATURE DEFINITION: Linear\Right of Way\Parcels\LotLine	1 | 0 5 | Linear	
OwnershipDots RW_PA_OwnershipDots USE FEATURE DEFINITION: Linear\Right of Way\Parcels\OwnershipDots	0 | RW_PA_OwnershipDots 19 | Linear	
PropertyLine RW_PA_PropertyLine USE FEATURE DEFINITION: Linear\Right of Way\Parcels\PropertyLine	1 | 0 19 | Linear	
SubdivisionBndry RW_PA_SubdivisionBndry USE FEATURE DEFINITION: Linear\Right of Way\Parcels\SubdivisionBndry	2 | 0 51 | Linear	
SurplusPropertyBndry RW_PA_SurplusPropertyBndry USE FEATURE DEFINITION: Linear\Right of Way\Parcels\SurplusPropertyBndry	5 | 0 1 | Linear	

S4.05 Standard Symbols (cont.)

All items are shown for all drawing scales at the size they will appear on a 22"x34" Right of Way sheet. Elements are listed by the Element Template path\structure. Where noted, use the Feature Definition rather than Element Template to place feature.

Right of Way - Parcels - Region Parcel Numbe

Element Template (Level Name)	ByLevel Weight | ByLevel Style byLevel Color | Element Type	Example
OwnershipTie RW_PA_OwnershipTie USE FEATURE DEFINITION: Point\Right of Way\Parcels\OwnershipTie	1 | 0 19 | Cell	
ParcelNumberER RW_PA_ParcelNumberER	2 | 0 19 | Cell	6-xxxxx
ParcelNumberNCR RW_PA_ParcelNumberNCR	2 | 0 19 | Cell	2-xxxxx
ParcelNumberNWR RW_PA_ParcelNumberNWR	2 | 0 19 | Cell	1-xxxxx
ParcelNumberOR RW_PA_ParcelNumberOR	2 | 0 19 | Cell	3-xxxxx

S4.05 Standard Symbols (cont.)

All items are shown for all drawing scales at the size they will appear on a 22"x34" Right of Way sheet. Elements are listed by the Element Template path\structure. Where noted, use the Feature Definition rather than Element Template to place feature.

Right of Way - Parcels - Region Parcel Numbe

Element Template (Level Name)	ByLevel Weight | ByLevel Style byLevel Color | Element Type	Example
ParcelNumberSCR RW_PA_ParcelNumberSCR	2 | 0 19 | Cell	5-xxxxx
ParcelNumberSWR RW_PA_ParcelNumberSWR	2 | 0 19 | Cell	4-xxxxx
ParcelNumberWSDOT RW_PA_ParcelNumberWSDOT	2 | 0 19 | Cell	WSDOT

S4.05 Standard Symbols (cont.)

All items are shown for all drawing scales at the size they will appear on a 22"x34" Right of Way sheet. Elements are listed by the Element Template path\structure. Where noted, use the Feature Definition rather than Element Template to place feature.

Right of Way - Section Info

Element Template (Level Name) | ByLevel Weight / byLevel Color | ByLevel Style / Element Type | Example

CenterofSection
RW_SC_CenterofSection
1 | 0
19 | Cell



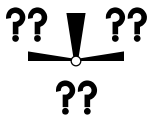
USE FEATURE DEFINITION: Point\Right of Way\Section Info\CenterofSection

ClosingCornerFound
RW_SC_ClosingCornerFound
1 | 0
19 | Cell



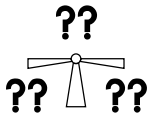
USE FEATURE DEFINITION: Point\Right of Way\Section Info\ClosingCornerFound

ClosingCornerFoundNorth
RW_SC_ClosingCornerFoundNorth
1 | 0
19 | Cell



USE FEATURE DEFINITION: Point\Right of Way\Section Info\ClosingCornerFoundNorth

ClosingCornerNotFound
RW_SC_ClosingCornerNotFound
1 | 0
115 | Cell



USE FEATURE DEFINITION: Point\Right of Way\Section Info\ClosingCornerNotFound

ClosingQuarterCornerN
RW_SC_ClosingQuarterCornerN
1 | 0
19 | Cell



USE FEATURE DEFINITION: Point\Right of Way\Section Info\ClosingQuarterCornerN

S4.05 Standard Symbols (cont.)

All items are shown for all drawing scales at the size they will appear on a 22"x34" Right of Way sheet. Elements are listed by the Element Template path\structure. Where noted, use the Feature Definition rather than Element Template to place feature.

Right of Way - Section Info

Element Template (Level Name) | ByLevel Weight / ByLevel Style / byLevel Color / Element Type | Example

ClosingQuarterCornerS
RW_SC_ClosingQuarterCornerS
1 | 0
19 | Cell



USE FEATURE DEFINITION: Point\Right of Way\Section Info\ClosingQuarterCornerS

DonationLandClaim
RW_SC_DonationLandClaim
3 | RW_SC_DonationLandClaim
147 | Linear

USE FEATURE DEFINITION: Linear\Right of Way\Section Info\DonationLandClaim

MeanderCornerFound
RW_SC_MeanderCornerFound
1 | 0
19 | Cell



USE FEATURE DEFINITION: Point\Right of Way\Section Info\MeanderCornerFound

MeanderCornerNotFound
RW_SC_MeanderCornerNotFound
1 | 0
115 | Cell



USE FEATURE DEFINITION: Point\Right of Way\Section Info\MeanderCornerNotFound

MeanderLine
RW_SC_MeanderLine
1 | RW_SC_MeanderLine
147 | Linear

USE FEATURE DEFINITION: Linear\Right of Way\Section Info\MeanderLine

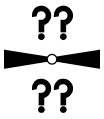
S4.05 Standard Symbols (cont.)

All items are shown for all drawing scales at the size they will appear on a 22"x34" Right of Way sheet. Elements are listed by the Element Template path\structure. Where noted, use the Feature Definition rather than Element Template to place feature.

Right of Way - Section Info

Element Template (Level Name) | ByLevel Weight / ByLevel Style / byLevel Color / Element Type | Example

QuarterCornerFoundEW
RW_SC_QuarterCornerFoundEW
1 | 0
19 | Cell



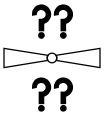
USE FEATURE DEFINITION: Point\Right of Way\Section Info\QuarterCornerFoundEW

QuarterCornerFoundNS
RW_SC_QuarterCornerFoundNS
1 | 0
115 | Cell



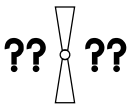
USE FEATURE DEFINITION: Point\Right of Way\Section Info\QuarterCornerFoundNS

QuarterCornerNotFoundEW
RW_SC_QuarterCornerNotFoundEW
1 | 0
19 | Cell



USE FEATURE DEFINITION: Point\Right of Way\Section Info\QuarterCornerNotFoundEW

QuarterCornerNotFoundNS
RW_SC_QuarterCornerNotFoundNS
1 | 0
19 | Cell



USE FEATURE DEFINITION: Point\Right of Way\Section Info\QuarterCornerNotFoundNS

QuarterSectionLine
RW_SC_QuarterSectionLine
3 | RW_SC_QuarterSectionLine
51 | Linear

USE FEATURE DEFINITION: Linear\Right of Way\Section Info\QuarterSectionLine

S4.05 Standard Symbols (cont.)

All items are shown for all drawing scales at the size they will appear on a 22"x34" Right of Way sheet. Elements are listed by the Element Template path\structure. Where noted, use the Feature Definition rather than Element Template to place feature.

Right of Way - Section Info

Element Template (Level Name) | ByLevel Weight / byLevel Color | ByLevel Style / Element Type | Example

RangeLine
RW_SC_RangeLine
5 / 115 | 0 / Linear

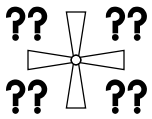
USE FEATURE DEFINITION: Linear\Right of Way\Section Info\RangeLine

SectionCornerFound
RW_SC_SectionCornerFound
1 / 19 | 0 / Cell



USE FEATURE DEFINITION: Point\Right of Way\Section Info\SectionCornerFound

SectionCornerNotFound
RW_SC_SectionCornerNotFound
1 / 115 | 0 / Cell



USE FEATURE DEFINITION: Point\Right of Way\Section Info\SectionCornerNotFound

SectionID
RW_SC_SectionID
3 / 19 | 0 / Cell

?? 1/4 ?? 1/4
SEC. ??

USE FEATURE DEFINITION: Point\Right of Way\Section Info\SectionID

SectionLine
RW_SC_SectionLine
4 / 19 | RW_SC_SectionLine / Linear

USE FEATURE DEFINITION: Linear\Right of Way\Section Info\SectionLine

S4.05 Standard Symbols (cont.)

All items are shown for all drawing scales at the size they will appear on a 22"x34" Right of Way sheet. Elements are listed by the Element Template path\structure. Where noted, use the Feature Definition rather than Element Template to place feature.

Right of Way - Section Info

Element Template (Level Name)	ByLevel Weight | ByLevel Style byLevel Color | Element Type	Example
SixteenthSectionLine RW_SC_SixteenthSectionLine USE FEATURE DEFINITION: Linear\Right of Way\Section Info\SixteenthSectionLine	2 | RW_SC_SixteenthSectionLine 83 | Linear	
TownshipLine RW_SC_TownshipLine USE FEATURE DEFINITION: Linear\Right of Way\Section Info\TownshipLine	5 | 0 147 | Linear	

S4.05 Standard Symbols (cont.)

All items are shown for all drawing scales at the size they will appear on a 22"x34" Right of Way sheet. Elements are listed by the Element Template path\structure. Where noted, use the Feature Definition rather than Element Template to place feature.

Right of Way - Text

Element Template (Level Name)	ByLevel Weight | ByLevel Style byLevel Color | Element Type	Example
BearingsText RW_SC_BearingsText Text Style: 6 Text Font: WSDOT CAE Text Size: 0.005	0 | 2 19 | Text	S 88° 55' 25" W
CenterofSectionsText RW_SC_CenterofSectionsText Text Style: 9 Text Font: WSDOT CAE Text Size: 0.0075	0 | 0 19 | Text	12
CityNamesText RW_PA_CityNamesText Text Style: 15-Block_RW Text Font: WSDOT BLOCK Text Size: 0.0125	1 | 0 19 | Text	FIFE
CityRWBndryStaOffText RW_BD_CityRWBndryStaOffText Text Style: 5 Text Font: WSDOT CAE Text Size: 0.004167	0 | 0 83 | Text	MR 10+88.03 (50' RT.)
ControlSectionText RW_GB_ControlSectionText Text Style: 07-Bold Text Font: WSDOT CAE Text Size: 0.005833	0 | 0 19 | Text	CONTROL SECTION
CountyRWBndryStaOffText RW_BD_CountyRWBndryStaOffText Text Style: 5 Text Font: WSDOT CAE Text Size: 0.004167	0 | 0 115 | Text	MR 10+88.03 (50' RT.)
DescriptionsText RW_SC_DescriptionsText Text Style: 5 Text Font: WSDOT CAE Text Size: 0.004167	0 | 0 19 | Text	"1"" DIA. IRON PIPE"

S4.05 Standard Symbols (cont.)

All items are shown for all drawing scales at the size they will appear on a 22"x34" Right of Way sheet. Elements are listed by the Element Template path\structure. Where noted, use the Feature Definition rather than Element Template to place feature.

Right of Way - Text

Element Template (Level Name)	ByLevel Weight | ByLevel Style byLevel Color | Element Type	Example
DonationLandClaimsText RW_SC_DonationLandClaimsText Text Style: 9 Text Font: WSDOT CAE Text Size: 0.0075	0 | 0 147 | Text	J. JAY D.L.C. NO. 37
EsmntPermitLineStaOffText RW_ES_EsmntPermitLineStaOffText Text Style: 5 Text Font: WSDOT CAE Text Size: 0.004167	0 | 0 19 | Text	MR 10+88.03 (50' RT.)
EsmntPermitsText RW_ES_EsmntPermitsText Text Style: 6 Text Font: WSDOT CAE Text Size: 0.005	0 | 0 19 | Text	EASEMENT
EsmntPermitsTextNew RW_ES_EsmntPermitsTextNew Text Style: 6 Text Font: WSDOT CAE Text Size: 0.005	0 | 0 3 | Text	SLOPE EASEMENT
GovtBndryText RW_GB_GovtBndryText Text Style: 10-Bold Text Font: WSDOT CAE Text Size: 0.008333	0 | 0 19 | Text	**STATE PARK**
GovtLotIDText RW_SC_GovtLotIDText Text Style: 9 Text Font: WSDOT CAE Text Size: 0.0075	0 | 0 147 | Text	GOV'T LOT 3
HighwayRWBndrySOTextNew RW_BD_HighwayRWBndrySOTextNew Text Style: 5 Text Font: WSDOT CAE Text Size: 0.004167	0 | 0 3 | Text	MR 10+88.03 (50' RT.)

S4.05 Standard Symbols (cont.)

All items are shown for all drawing scales at the size they will appear on a 22"x34" Right of Way sheet. Elements are listed by the Element Template path\structure. Where noted, use the Feature Definition rather than Element Template to place feature.

Right of Way - Text

Element Template (Level Name)	ByLevel Weight | ByLevel Style / byLevel Color | Element Type	Example
HighwayRWBndrySta0ffText RW_BD_HighwayRWBndrySta0ffText Text Style: 5 Text Font: WSDOT CAE Text Size: 0.004167	0 | 0 19 | Text	MR 10+88.03 (50' RT.)
InterchangeNamesText RW_PA_InterchangeNamesText Text Style: 15-Block_RW Text Font: WSDOT BLOCK Text Size: 0.0125	1 | 0 19 | Text	INTERCHANGE
LotNumbering RW_PA_LotNumbering Text Style: 5 Text Font: WSDOT CAE Text Size: 0.004167	0 | 0 19 | Text	2
MeanderLineText RW_SC_MeanderLineText Text Style: 6 Text Font: WSDOT CAE Text Size: 0.005	0 | 0 19 | Text	GOV'T MEANDER LINE
MetesandBoundsRWText RW_BD_MetesAndBoundsRWText Text Style: 5 Text Font: WSDOT CAE Text Size: 0.004167	0 | 0 19 | Text	R= 268.12' L= 412.34'
MetesandBoundsSundryText RW_BD_MetesAndBoundsSundryText Text Style: 5 Text Font: WSDOT CAE Text Size: 0.004167	0 | 0 19 | Text	"352.11' S 88^ 55' 25"" W"
ParcelNoText RW_PA_ParcelNoText Text Style: 6 Text Font: WSDOT CAE Text Size: 0.005	0 | 0 19 | Text	WSDOT

S4.05 Standard Symbols (cont.)

All items are shown for all drawing scales at the size they will appear on a 22"x34" Right of Way sheet. Elements are listed by the Element Template path\structure. Where noted, use the Feature Definition rather than Element Template to place feature.

Right of Way - Text

Element Template (Level Name)	ByLevel Weight | ByLevel Style byLevel Color | Element Type	Example
RangeLinesText RW_SC_RangeLinesText Text Style: 12-Bold Text Font: WSDOT CAE Text Size: 0.01	2 | 0 115 | Text	**T.2N. R.1E. W.M.**
RRRWStaOffText RW_BD_RRRWStaOffText Text Style: 5 Text Font: WSDOT CAE Text Size: 0.004167	0 | 0 147 | Text	MR 10+88.03 (50' RT.)
SectionCornerNumberText RW_SC_SectionCornerNumberText Text Style: 09-Bold Text Font: WSDOT CAE Text Size: 0.0075	0 | 0 19 | Text	**24**
SiteRWNameText RW_BD_SiteRWNameText Text Style: 09-Bold Text Font: WSDOT CAE Text Size: 0.0075	0 | 0 115 | Text	**PIT SITE**
SiteRWStaOffText RW_BD_SiteRWStaOffText Text Style: 5 Text Font: WSDOT CAE Text Size: 0.004167	0 | 0 147 | Text	MR 10+88.03 (50' RT.)
SubdivisionsNamesText RW_PA_SubdivisionsNamesText Text Style: 15-Block_RW Text Font: WSDOT BLOCK Text Size: 0.0125	1 | 0 51 | Text	SUBDIVISION
SurplusPropertyBndryNote RW_PA_SurplusPropertyBndryNote Scale shown at : 50%	1 | 0 19 | Cell	SURPLUS PROPERTY ICN (S.F.)

S4.05 Standard Symbols (cont.)

All items are shown for all drawing scales at the size they will appear on a 22"x34" Right of Way sheet. Elements are listed by the Element Template path\structure. Where noted, use the Feature Definition rather than Element Template to place feature.

Right of Way - Text

Element Template (Level Name)	ByLevel Weight | ByLevel Style byLevel Color | Element Type	Example
TownshipRangeLineText RW_SC_TownshipRangeLineText Text Style: 12-Bold Text Font: WSDOT CAE Text Size: 0.01	2 | 0 147 | Text	**T.2N. R.1E. W.M.**
TurnbackRelinquishText RW_BD_TurnbackRelinquishText Text Style: 6 Text Font: WSDOT CAE Text Size: 0.005	0 | 0 51 | Text	TURNBACK LINE
UtilityRWStaOffText RW_BD_UtilityRWStaOffText Text Style: 5 Text Font: WSDOT CAE Text Size: 0.004167	0 | 0 19 | Text	MR 10+88.03 (50' RT.)

S4.05 Standard Symbols (cont.)

All items are shown for all drawing scales at the size they will appear on a 22"x34" Right of Way sheet. Elements are listed by the Element Template path\structure. Where noted, use the Feature Definition rather than Element Template to place feature.

Right of Way - Text - Region Parcel Number

Element Template (Level Name)	ByLevel Weight | ByLevel Style byLevel Color | Element Type	Example
ParcelNumberER RW_PA_ParcelNumberER	2 | 0 19 | Cell	6-xxxxx
ParcelNumberNCR RW_PA_ParcelNumberNCR	2 | 0 19 | Cell	2-xxxxx
ParcelNumberNWR RW_PA_ParcelNumberNWR	2 | 0 19 | Cell	1-xxxxx
ParcelNumberOR RW_PA_ParcelNumberOR	2 | 0 19 | Cell	3-xxxxx
ParcelNumberSCR RW_PA_ParcelNumberSCR	2 | 0 19 | Cell	5-xxxxx

S4.05 Standard Symbols (cont.)

All items are shown for all drawing scales at the size they will appear on a 22"x34" Right of Way sheet. Elements are listed by the Element Template path\structure. Where noted, use the Feature Definition rather than Element Template to place feature.

Right of Way - Text - Region Parcel Number

Element Template (Level Name)	ByLevel Weight | ByLevel Style byLevel Color | Element Type	Example
ParcelNumberSWR RW_PA_ParcelNumberSWR	2 | 0 19 | Cell	4-xxxxx
ParcelNumberWSDOT RW_PA_ParcelNumberWSDOT	2 | 0 19 | Cell	WSDOT

S4.05 Standard Symbols (cont.)

All items are shown for all drawing scales at the size they will appear on a 22"x34" Right of Way sheet. Elements are listed by the Element Template path\structure. Where noted, use the Feature Definition rather than Element Template to place feature.

Roadway - Barrier

Element Template (Level Name)	ByLevel Weight | ByLevel Style byLevel Color | Element Type	Example
FenceRWPlan RD_BR_FenceRWPlan USE FEATURE DEFINITION: Linear\Roadway\Barrier\FenceRWPlan	0 | RD_BR_FenceRWPlan 157 | Linear	

S4.05 Standard Symbols (cont.)

All items are shown for all drawing scales at the size they will appear on a 22"x34" Right of Way sheet. Elements are listed by the Element Template path\structure. Where noted, use the Feature Definition rather than Element Template to place feature.

Roadway - Edges

Element Template (Level Name)

ByLevel Weight | ByLevel Style
byLevel Color | Element Type

Example

BikePathEdge
RD_ED_BikePathEdge
0 | 2
157 | Linear
USE FEATURE DEFINITION: Linear\Roadway\Edges\BikePathEdge

DrivewayGravelEdge
RD_ED_DrivewayGravelEdge
0 | 5
125 | Linear
USE FEATURE DEFINITION: Linear\Roadway\Edges\DrivewayGravelEdge

DrivewayPavedEdge
RD_ED_DrivewayPavedEdge
0 | 2
125 | Linear
USE FEATURE DEFINITION: Linear\Roadway\Edges\DrivewayPavedEdge

PedPathEdge
RD_ED_PedPathEdge
0 | 2
157 | Linear
USE FEATURE DEFINITION: Linear\Roadway\Edges\PedPathEdge

RoadwayETWGravel
RD_ED_RoadwayETWGravel
0 | 5
29 | Linear
USE FEATURE DEFINITION: Linear\Roadway\Edges\RoadwayETWGravel

RoadwayETWPaved
RD_ED_RoadwayETWPaved
0 | 2
29 | Linear
USE FEATURE DEFINITION: Linear\Roadway\Edges\RoadwayETWPaved

ShoulderGravelEdge
RD_ED_ShoulderGravelEdge
0 | 5
93 | Linear
USE FEATURE DEFINITION: Linear\Roadway\Edges\ShoulderGravelEdge

S4.05 Standard Symbols (cont.)

All items are shown for all drawing scales at the size they will appear on a 22"x34" Right of Way sheet. Elements are listed by the Element Template path\structure. Where noted, use the Feature Definition rather than Element Template to place feature.

Roadway - Edges

Element Template (Level Name)	ByLevel Weight | ByLevel Style byLevel Color | Element Type	Example
ShoulderPavedEdge RD_ED_ShoulderPavedEdge USE FEATURE DEFINITION: Linear\Roadway\Edges\ShoulderPavedEdge	0 | 2 93 | Linear	

S4.05 Standard Symbols (cont.)

All items are shown for all drawing scales at the size they will appear on a 22"x34" Right of Way sheet. Elements are listed by the Element Template path\structure. Where noted, use the Feature Definition rather than Element Template to place feature.

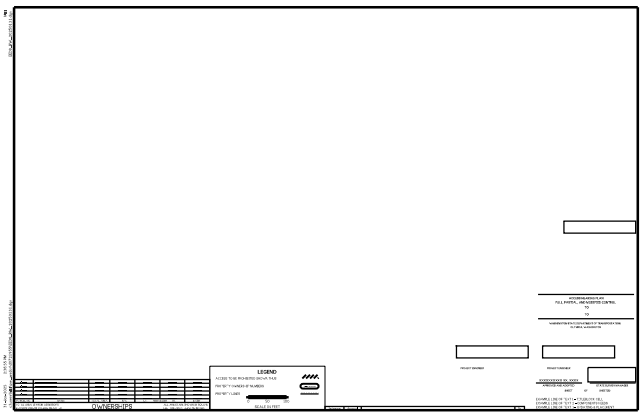
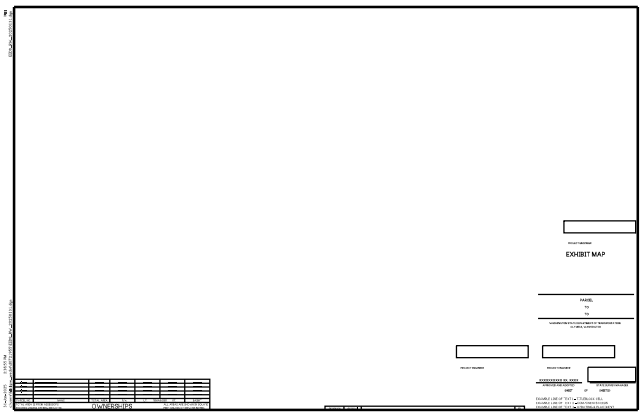
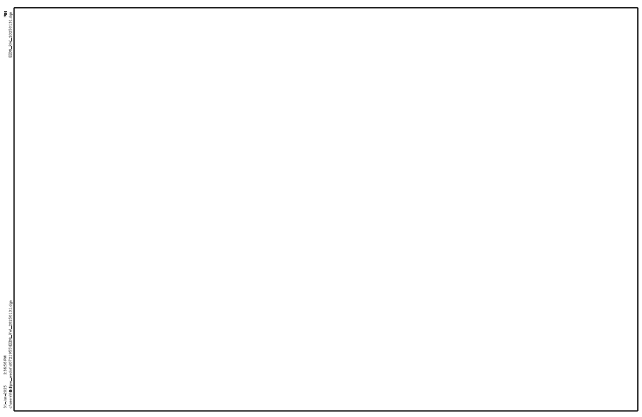
Roadway - Text

Element Template (Level Name)	ByLevel Weight | ByLevel Style byLevel Color | Element Type	Example
RoadwayNamesText RD_ED_RoadwayNamesText Text Style: 5 Text Font: WSDOT CAE Text Size: 0.004167	0 | 0 29 | Text	**MAIN STREET**

S4.05 Standard Symbols (cont.)

All items are shown for all drawing scales at the size they will appear on a 22"x34" Right of Way sheet. Elements are listed by the Element Template path\structure. Where noted, use the Feature Definition rather than Element Template to place feature.

Sheet - Borders - Right of Way

Element Template (Level Name)	ByLevel Weight | ByLevel Style byLevel Color | Element Type	Example
Access Hearing SH_PR_SheetAccessHearing Scale shown at : 10%	1 | 0 18 | Cell	
Exhibit Map SH_PR_SheetExhibitMap Scale shown at : 10%	1 | 0 18 | Cell	
Record of Survey SH_PR_SheetRecordOfSurvey Scale shown at : 10%	1 | 0 18 | Cell	

S4.05 Standard Symbols (cont.)

All items are shown for all drawing scales at the size they will appear on a 22"x34" Right of Way sheet. Elements are listed by the Element Template path\structure. Where noted, use the Feature Definition rather than Element Template to place feature.

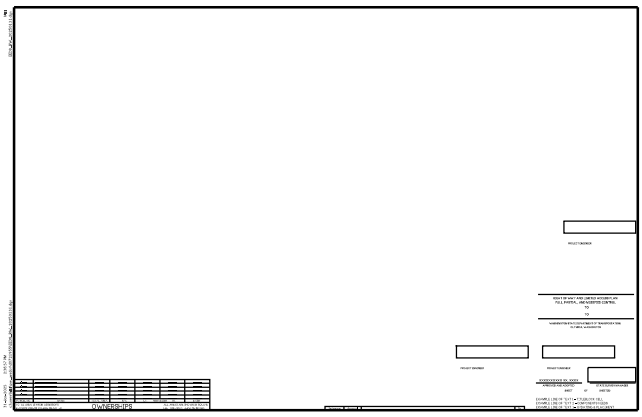
Sheet - Borders - Right of Way

Element Template (Level Name)	ByLevel Weight | ByLevel Style byLevel Color | Element Type	Example

RW Limited Access
SH_PR_SheetRWLimitedAccess

Scale shown at : 10%

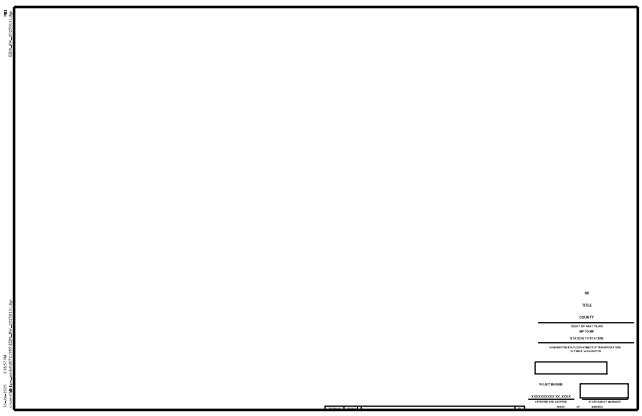
1 | 0
18 | Cell



RW Plan Sheet
SH_PR_SheetRW

Scale shown at : 10%

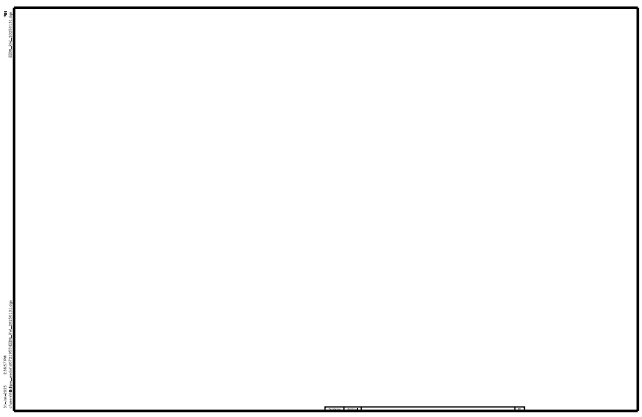
1 | 0
18 | Cell



RW Plan Sheet - Border Only
SH_PR_SheetRWBorderOnly

Scale shown at : 10%

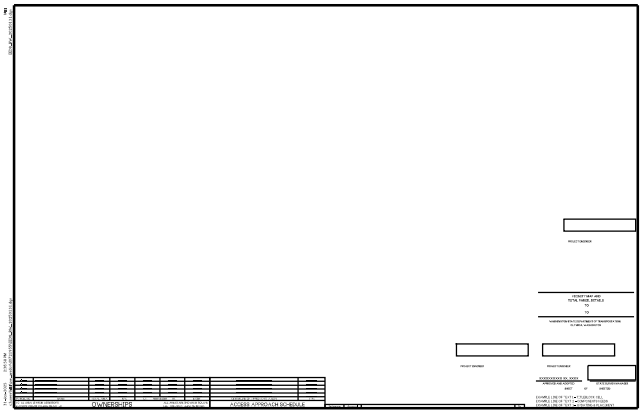
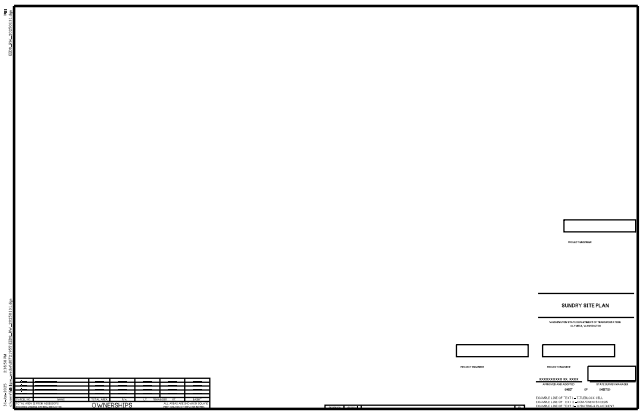
1 | 0
18 | Cell



S4.05 Standard Symbols (cont.)

All items are shown for all drawing scales at the size they will appear on a 22"x34" Right of Way sheet. Elements are listed by the Element Template path\structure. Where noted, use the Feature Definition rather than Element Template to place feature.

Sheet - Borders - Right of Way

Element Template (Level Name)	ByLevel Weight | ByLevel Style byLevel Color | Element Type	Example
RW Vicinity Map SH_PR_SheetVicinityMap Scale shown at : 10%	1 | 0 18 | Cell	
Sundry Site SH_PR_SheetSundrySite Scale shown at : 10%	1 | 0 18 | Cell	

S4.05 Standard Symbols (cont.)

All items are shown for all drawing scales at the size they will appear on a 22"x34" Right of Way sheet. Elements are listed by the Element Template path\structure. Where noted, use the Feature Definition rather than Element Template to place feature.

Sheet - General Items

Element Template (Level Name)	ByLevel Weight | ByLevel Style byLevel Color | Element Type	Example
Destination Arrow - PS&E SH_GI_DestinationArrow Text Style: SH_Body1 Text Font: WSDOT CAE Text Size: 0.005833	2 | 0 18 | Text	TO WENATCHEE
Destination Arrow - R/W SH_GI_DestinationArrow Text Style: SH_Body3 Text Font: WSDOT CAE Text Size: 0.004167	2 | 0 18 | Text	TO VANCOUVER
Line Break - Large SH_GI_LineBreakLg	2 | 0 18 | Cell	
Line Break - Small SH_GI_LineBreakSm	2 | 0 18 | Cell	

S4.05 Standard Symbols (cont.)

All items are shown for all drawing scales at the size they will appear on a 22"x34" Right of Way sheet. Elements are listed by the Element Template path\structure. Where noted, use the Feature Definition rather than Element Template to place feature.

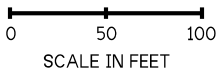
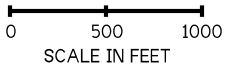
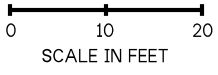
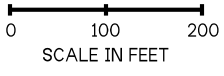
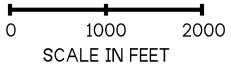
Sheet - General Items - General Text

Element Template (Level Name)	ByLevel Weight | ByLevel Style byLevel Color | Element Type	Example
Text Body 2 - RW SH_GI_TextBody2 Text Style: 5 Text Font: WSDOT CAE Text Size: 0.004167	0 | 0 18 | Text	GENERAL PROPOSED TEXT
Text Body 3 - RW SH_GI_TextBody3 Text Style: 6 Text Font: WSDOT CAE Text Size: 0.005	0 | 0 18 | Text	GENERAL EXISTING TEXT

S4.05 Standard Symbols (cont.)

All items are shown for all drawing scales at the size they will appear on a 22"x34" Right of Way sheet. Elements are listed by the Element Template path\structure. Where noted, use the Feature Definition rather than Element Template to place feature.

Sheet - General Items - Scale Bars

Element Template (Level Name)	ByLevel Weight | ByLevel Style byLevel Color | Element Type	Example
Scale Bar 100 SH_GI_ScaleBar100	5 | 0 18 | Cell	
Scale Bar 1000 SH_GI_ScaleBar1000	5 | 0 18 | Cell	
Scale Bar 20 SH_GI_ScaleBar20	5 | 0 18 | Cell	
Scale Bar 200 SH_GI_ScaleBar200	5 | 0 18 | Cell	
Scale Bar 2000 SH_GI_ScaleBar2000	5 | 0 18 | Cell	

S4.05 Standard Symbols (cont.)

All items are shown for all drawing scales at the size they will appear on a 22"x34" Right of Way sheet. Elements are listed by the Element Template path\structure. Where noted, use the Feature Definition rather than Element Template to place feature.

Sheet - General Items - Scale Bars

Element Template (Level Name)	ByLevel Weight | ByLevel Style byLevel Color | Element Type	Example
Scale Bar 40 SH_GI_ScaleBar40	5 | 0 18 | Cell	0 20 40 SCALE IN FEET
Scale Bar 50 SH_GI_ScaleBar50	5 | 0 18 | Cell	0 25 50 SCALE IN FEET
Scale Bar 500 SH_GI_ScaleBar500	5 | 0 18 | Cell	0 250 500 SCALE IN FEET

S4.05 Standard Symbols (cont.)

All items are shown for all drawing scales at the size they will appear on a 22"x34" Right of Way sheet. Elements are listed by the Element Template path\structure. Where noted, use the Feature Definition rather than Element Template to place feature.

Sheet - Plans

Element Template (Level Name)	ByLevel Weight | ByLevel Style / byLevel Color | Element Type	Example
Match Line SH_GI_MatchLine	3 | 0 18 | Linear	
North Arrow SH_GI_NorthArrow	2 | 0 18 | Cell	
Township Range - Top of Sheet SH_GI_TownshipRangeTopSheetText Text Style: 18-Bold Text Font: WSDOT CAE Text Size: 0.015	2 | 0 24 | Text	T.2N. R.1E. W.M.
Traffic Movement Arrow - Left SH_GI_TrafficMvmntArrow	1 | 0 18 | Cell	
Traffic Movement Arrow - Opposing SH_GI_TrafficMvmntArrow	1 | 0 18 | Cell	

S4.05 Standard Symbols (cont.)

All items are shown for all drawing scales at the size they will appear on a 22"x34" Right of Way sheet. Elements are listed by the Element Template path\structure. Where noted, use the Feature Definition rather than Element Template to place feature.

Sheet - Plans

Element Template (Level Name)	ByLevel Weight | ByLevel Style byLevel Color | Element Type	Example
Traffic Movement Arrow - Right SH_GI_TrafficMvmntArrow	1 | 0 18 | Cell	

S4.05 Standard Symbols (cont.)

All items are shown for all drawing scales at the size they will appear on a 22"x34" Right of Way sheet. Elements are listed by the Element Template path\structure. Where noted, use the Feature Definition rather than Element Template to place feature.

Sheet - Review - Markup

Element Template (Level Name)	ByLevel Weight | ByLevel Style byLevel Color | Element Type	Example
Markup Add-In SH_GI_MarkupAddIn		
Markup Comment Text SH_GI_MarkupCommentText		
Markup Strike Thru Squiggle SH_GI_MarkupStrikeThruSquiggle		
Revision Strike Thru Double Line SH_GI_RevisionStrikeThruDoubleLine	0 | SH_GI_RevisionStrikeThruDoubleLine 2 | Linear	
Revision Strike Thru Single Line SH_GI_RevisionStrikeThruSingleLine	0 | 0 2 | Linear	
Revision Strike Thru Squiggle SH_GI_RevisionStrikeThruSquiggle	0 | SH_GI_RevisionStrikeThruSquiggle 2 | Linear	

S4.05 Standard Symbols (cont.)

All items are shown for all drawing scales at the size they will appear on a 22"x34" Right of Way sheet. Elements are listed by the Element Template path\structure. Where noted, use the Feature Definition rather than Element Template to place feature.

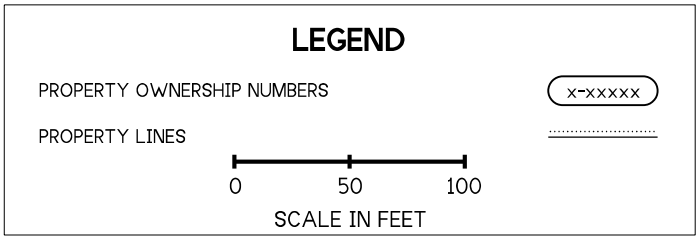
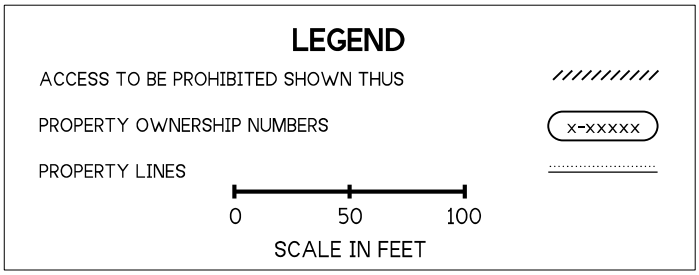
Sheet – Right of Way Plans

Element Template (Level Name)	ByLevel Weight | ByLevel Style byLevel Color | Element Type	Example
Begin-End Plan SH_PR_BeginEndPlanText Text Style: 12-Bold Text Font: WSDOT CAE Text Size: 0.01	2 | 0 18 | Text	**BEGINNING OF PLAN**

S4.05 Standard Symbols (cont.)

All items are shown for all drawing scales at the size they will appear on a 22"x34" Right of Way sheet. Elements are listed by the Element Template path\structure. Where noted, use the Feature Definition rather than Element Template to place feature.

Sheet - Right of Way Plans - Legends and Schedules

Element Template (Level Name)	ByLevel Weight | ByLevel Style byLevel Color | Element Type	Example
Legend SH_PR_Legend Scale shown at : 10%	0 | 0 0 | Cell	
Legend w Limited Access SH_PR_Legend Scale shown at : 10%	0 | 0 0 | Cell	

S4.05 Standard Symbols (cont.)

All items are shown for all drawing scales at the size they will appear on a 22"x34" Right of Way sheet. Elements are listed by the Element Template path\structure. Where noted, use the Feature Definition rather than Element Template to place feature.

Sheet – Right of Way Plans – Text and Notes

Element Template (Level Name)	ByLevel Weight | ByLevel Style byLevel Color | Element Type	Example
Access Notes Body SH_PR_AccessNotesBodyText Text Style: SH_Body3 Text Font: WSDOT CAE Text Size: 0.004167	0 | 0 18 | Text	BODY OF TEXT
Access Notes Heading SH_PR_AccessNotesHeadingText Text Style: SH_Heading2 Text Font: WSDOT CAE Text Size: 0.01	0 | 0 18 | Text	**ACCESS NOTES**
Basis of Bearing – cell SH_PR_BasisofBearing	2 | 0 18 | Cell	THE BASIS OF BEARINGS AND DISTANCES ARE DETERMINED FROM WASHINGTON STATE PLANE COORDINATE SYSTEM * ZONE (NAD 83/91*). THE DISTANCES SHOWN ARE GROUND DISTANCES. FOR SURVEY INFORMATION SEE RECORD OF SURVEY SR * RECORDED * AFN * . *FILL IN APPLICABLE DATA FOR YOUR R/W PLAN
Cross Reference Note SH_PR_CrossReferenceNotesText Text Style: SH_Body1 Text Font: WSDOT CAE Text Size: 0.005833	0 | 0 18 | Text	**FOR R/W SEE SR 507**
Exhibit A Note – cell SH_PR_ExhibitANote	3 | 0 18 | Cell	EXHIBIT A
Limited Access Designation Note – cell SH_PR_LaccessDesignationNote	1 | 0 18 | Cell	Designated For Limited Access Control By Commission Resolution No.

S4.05 Standard Symbols (cont.)

All items are shown for all drawing scales at the size they will appear on a 22"x34" Right of Way sheet. Elements are listed by the Element Template path\structure. Where noted, use the Feature Definition rather than Element Template to place feature.

Sheet – Right of Way Plans – Text and Notes

Element Template (Level Name)	ByLevel Weight | ByLevel Style byLevel Color | Element Type	Example
Limited Access Establish Note – cell SH_PR_LaccessEstablishNote	2 | 0 18 | Cell	LIMITED ACCESS ESTABLISHED BY THE ASSISTANT SECRETARY OF REGIONS AND MEGA PROGRAMS/CHIEF ENGINEER, FINDINGS AND ORDER ADOPTED
Limited Access Tentative Note – cell SH_PR_LaccessTentativeNote	2 | 0 18 | Cell	LIMITED ACCESS FEATURES SHOWN ARE TENTATIVELY APPROVED BY THE RIGHT OF WAY PLANS MANAGER.
Recording Certificate – cell SH_PR_RecordingCertificate	1 | 0 0 | Cell	Recording Certificate _____ Filed for record this _____Day of _____ at _____M. in Book _____of _____at Page _____ at the request of Washington State Department of Transportation.
Road Approach Type A Note – cell SH_PR_RoadApproachTypeANote	2 | 0 18 | Cell	TYPE A APPROACH IS AN OFF AND ON APPROACH IN LEGAL MANNER, NOT TO EXCEED 30 FEET IN WIDTH, FOR SOLE PURPOSE OF SERVING A SINGLE FAMILY RESIDENCE. IT MAY BE RESERVED BY ABUTTING OWNER FOR SPECIFIED USE AT A POINT SATISFACTORY TO THE STATE AT OR BETWEEN DESIGNATED HIGHWAY STATIONS.
Road Approach Type B Note – cell SH_PR_RoadApproachTypeBNote	2 | 0 18 | Cell	TYPE B APPROACH IS AN OFF AND ON APPROACH IN LEGAL MANNER, NOT TO EXCEED 50 FEET IN WIDTH, FOR USE NECESSARY TO THE NORMAL OPERATION OF A FARM, BUT NOT FOR RETAIL MARKETING. IT MAY BE RESERVED BY ABUTTING OWNER FOR SPECIFIED USE AT A POINT SATISFACTORY TO THE STATE AT OR BETWEEN DESIGNATED HIGHWAY STATIONS.

S4.05 Standard Symbols (cont.)

All items are shown for all drawing scales at the size they will appear on a 22"x34" Right of Way sheet. Elements are listed by the Element Template path\structure. Where noted, use the Feature Definition rather than Element Template to place feature.

Sheet – Right of Way Plans – Text and Notes

Element Template (Level Name)	ByLevel Weight | ByLevel Style byLevel Color | Element Type	Example
Road Approach Type C Note – cell SH_PR_RoadApproachTypeCNote	2 | 0 18 | Cell	TYPE C APPROACH IS AN OFF AND ON APPROACH IN LEGAL MANNER, FOR SPECIAL PURPOSE AND WIDTH TO BE AGREED UPON. IT MAY BE SPECIFIED AT A POINT SATISFACTORY TO THE STATE AT OR BETWEEN DESIGNATED HIGHWAY STATIONS.
Road Approach Type D Note – cell SH_PR_RoadApproachTypeDNote	2 | 0 18 | Cell	TYPE D APPROACH IS AN OFF AND ON APPROACH IN A LEGAL MANNER NOT TO EXCEED 50 FEET IN WIDTH FOR USE NECESSARY TO THE NORMAL OPERATION OF A COMMERCIAL ESTABLISHMENT. IT MAY BE SPECIFIED AT A POINT SATISFACTORY TO THE STATE AT OR BETWEEN DESIGNATED HIGHWAY STATIONS.
Road Approach Type E Note – cell SH_PR_RoadApproachTypeENote	2 | 0 18 | Cell	TYPE E APPROACH IS AN OFF AND ON APPROACH IN A LEGAL MANNER NOT TO EXCEED 30 FEET IN WIDTH FOR USE NECESSARY TO THE NORMAL OPERATION OF A COMMERCIAL ESTABLISHMENT. IT MAY BE SPECIFIED AT A POINT SATISFACTORY TO THE STATE AT OR BETWEEN DESIGNATED HIGHWAY STATIONS.
Road Approach Type F Note – cell SH_PR_RoadApproachTypeFNote	2 | 0 18 | Cell	TYPE F APPROCH IS AN OFF AND ON APPROACH IN A LEGAL MANNER, NOT TO EXCEED 30 FEET IN WIDTH, FOR THE SOLE PURPOSE OF SERVING A WIRELESS COMMUNICATION SITE. IT MAY BE SPECIFIED AT A POINT SATISFACTORY TO THE STATE AT OR BETWEEN DESIGNATED HIGHWAY STATIONS.
Supplemental Access Note 1 – cell SH_PR_SupplementalAccessNote1	2 | 0 18 | Cell	NO. 1. THIS APPROACH IS TO BE USED TO TRAVEL ON RIGHT OF WAY AND ENTER PROPERTY AS SPECIFIED.

S4.05 Standard Symbols (cont.)

All items are shown for all drawing scales at the size they will appear on a 22"x34" Right of Way sheet. Elements are listed by the Element Template path\structure. Where noted, use the Feature Definition rather than Element Template to place feature.

Sheet – Right of Way Plans – Text and Notes

Element Template (Level Name)	ByLevel Weight | ByLevel Style byLevel Color | Element Type	Example
Supplemental Access Note 2 – cell SH_PR_SupplementalAccessNote2	2 | 0 18 | Cell	NO. 2. THIS APPROACH IS TO BE USED TO SERVE MORE THAN ONE OWNER AND/OR UTILITY. FOR ONLY THOSE OWNERSHIPS LISTED ON THE ACCESS APPROACH SCHEDULE.
Supplemental Access Note 21 – cell SH_PR_SupplementalAccessNote21	2 | 0 18 | Cell	NO. 21. THE PRIVILEGE OF ACCESS TO AREAS WITHIN THE RIGHT OF WAY IS PERMITTED FROM OUTSIDE THE RIGHT OF WAY TO THE USER DESIGNATED, SOLELY FOR USE AUTHORIZED BY AND SUBJECT TO THE CONDITIONS OF THE FRANCHISE, PERMIT, OR AGREEMENT SPECIFIED. NO ACCESS WILL BE ALLOWED TO THE TRAVELED HIGHWAY LANES OR RAMPS.
Supplemental Access Note 3 – cell SH_PR_SupplementalAccessNote3	2 | 0 18 | Cell	NO. 3. THIS APPROACH MAY BE USED FOR ANY PURPOSE CONSISTENT WITH LOCAL ZONING. THE WIDTH IS TO BE DETERMINED BY WSDOT STANDARDS FOR THE TYPE OF USE INVOLVED.
Supplemental Access Note 4 – cell SH_PR_SupplementalAccessNote4	2 | 0 18 | Cell	NO. 4. THIS APROACH MAY BE INCREASED IN WIDTH NOT TO EXCEED 80 FEET FOR USE BY SPECIAL FARM EQUIPMENT. DURING THE CROSSING OF THE HIGHWAY WITH FARM EQUIPMENT REQUIRING AN APPROACH EXCEEDING 50 FEET IN WIDTH, TRAFFIC ON THE HIGHWAY SHALL BE PROTECTED BY FLAGMEN PROVIDED BY THE OWNER AT HIS EXPENSE.
Supplemental Access Note 5 – cell SH_PR_SupplementalAccessNote5	2 | 0 18 | Cell	NO. 5. THIS APPROACH IS TO BE USED FOR THE OPERATION, MAINTENANCE, AND REPAIR OF THE UTILITY SPECIFIED. THE APPROACH SHALL NOT EXCEED 50 FEET IN WIDTH.

S4.05 Standard Symbols (cont.)

All items are shown for all drawing scales at the size they will appear on a 22"x34" Right of Way sheet. Elements are listed by the Element Template path\structure. Where noted, use the Feature Definition rather than Element Template to place feature.

Sheet – Right of Way Plans – Text and Notes

Element Template (Level Name)	ByLevel Weight | ByLevel Style byLevel Color | Element Type	Example
Supplemental Access Note 9 – cell SH_PR_SupplementalAccessNote9	2 | 0 18 | Cell	NO. 9. THIS APPROACH SHALL BE GATED AND LOCKED WHEN NOT IN USE.
Surveyor Certificate – cell SH_PR_SurveyorCertificate	1 | 0 0 | Cell	Surveyor's Certificate This map correctly represents a survey made by me or under my direction in conformance with the requirements of the Survey Recording Act at the request of W.S.D.O.T. in_____, 20 ____ _____ Certificate Number _____
Verification Note – cell SH_PR_VerificationNotes	2 | 0 18 | Cell	ALL PLANS ARE SUBJECT TO CHANGE. OWNERSHIP SHOULD BE VERIFIED. PROPOSED PROPERTY RIGHTS SHOWN MAY NOT HAVE BEEN ACQUIRED. ENCUMBRANCES MAY OR MAY NOT BE SHOWN. PARTIES SEEKING CURRENT PLAN INFORMATION SHOULD CONSULT THE DEPARTMENT OF TRANSPORTATION HEADQUARTERS RIGHT OF WAY PLANS OFFICE FOR THE OFFICIAL PLAN ON FILE. FOR ENCUMBRANCE INFORMATION CONSULT THE DEPARTMENT OF TRANSPORTATION HEADQUARTERS REAL ESTATE SERVICES OFFICE.
Vicinity Map Body SH_PR_VicinityMapBodyText Text Style: 07-Bold Text Font: WSDOT CAE Text Size: 0.005833	0 | 0 18 | Text	**TOTAL LENGTH OF PLAN = 0.67 MILE**
Vicinity Map Heading SH_PR_VicinityMapHeadingText Text Style: 15-Bold Text Font: WSDOT CAE Text Size: 0.0125	2 | 0 18 | Text	**VICINITY MAP**

S4.05 Standard Symbols (cont.)

All items are shown for all drawing scales at the size they will appear on a 22"x34" Right of Way sheet. Elements are listed by the Element Template path\structure. Where noted, use the Feature Definition rather than Element Template to place feature.

Structures - Bridges

Element Template (Level Name)	ByLevel Weight | ByLevel Style byLevel Color | Element Type	Example
Bridge ST_BG_Bridge USE FEATURE DEFINITION: Linear\Structures\Bridges\Bridge	0 | 6 23 | Linear	
BridgeNew ST_BG_BridgeNew USE FEATURE DEFINITION: Linear\Structures\Bridges\BridgeNew	2 | 0 7 | Linear	
RRStructure ST_BG_RRStructure USE FEATURE DEFINITION: Linear\Structures\Bridges\RRStructure	0 | 6 119 | Linear	
Structure ST_BG_Structure USE FEATURE DEFINITION: Linear\Structures\Bridges\Structure	0 | 5 55 | Linear	

S4.05 Standard Symbols (cont.)

All items are shown for all drawing scales at the size they will appear on a 22"x34" Right of Way sheet. Elements are listed by the Element Template path\structure. Where noted, use the Feature Definition rather than Element Template to place feature.

Structures - Text

Element Template (Level Name)	ByLevel Weight | ByLevel Style byLevel Color | Element Type	Example
BridgeRWText ST_BG_BridgeRWText Text Style: 12-Bold Text Font: WSDOT CAE Text Size: 0.01	0 | 0 23 | Text	**OVERCROSSING**
TunnelRWText ST_BG_TunnelRWText Text Style: 12-Bold Text Font: WSDOT CAE Text Size: 0.01	0 | 0 23 | Text	**OVERCROSSING**

S4.05 Standard Symbols (cont.)

All items are shown for all drawing scales at the size they will appear on a 22"x34" Right of Way sheet. Elements are listed by the Element Template path\structure. Where noted, use the Feature Definition rather than Element Template to place feature.

Structures - Tunnels

Element Template (Level Name)	ByLevel Weight | ByLevel Style byLevel Color | Element Type	Example
Tunnel ST_BG_Tunnel USE FEATURE DEFINITION: Linear\Structures\Tunnels\Tunnel	0 | 5 87 | Linear	

S4.05 Standard Symbols (cont.)

All items are shown for all drawing scales at the size they will appear on a 22"x34" Right of Way sheet. Elements are listed by the Element Template path\structure. Where noted, use the Feature Definition rather than Element Template to place feature.

Topography - Manmade

Element Template (Level Name) | ByLevel Weight / byLevel Color | ByLevel Style / Element Type | Example

Bldg
TP_MM_Bldg
2 | 0
126 | Linear
USE FEATURE DEFINITION: Linear\Topography\Manmade\Bldg

BldgRoof
TP_MM_BldgRoof
0 | 0
126 | Linear
USE FEATURE DEFINITION: Linear\Topography\Manmade\BldgRoof

Canal
TP_MM_Canal
3 | 0
126 | Linear
USE FEATURE DEFINITION: Linear\Topography\Manmade\Canal

Dam
TP_MM_Dam
10 | 0
126 | Linear
USE FEATURE DEFINITION: Linear\Topography\Manmade\Dam

Dike
TP_MM_Dike
10 | 0
126 | Linear
USE FEATURE DEFINITION: Linear\Topography\Manmade\Dike

DistanceTie
TP_MM_DistanceTie
1 | 0
30 | Linear
USE FEATURE DEFINITION: Linear\Topography\Manmade\DistanceTie

OrchardOrVineyard
TP_MM_OrchardOrVineyard
1 | TP_MM_OrchardOrVineyard
126 | Linear
USE FEATURE DEFINITION: Linear\Topography\Manmade\OrchardOrVineyard

S4.05 Standard Symbols (cont.)

All items are shown for all drawing scales at the size they will appear on a 22"x34" Right of Way sheet. Elements are listed by the Element Template path\structure. Where noted, use the Feature Definition rather than Element Template to place feature.

Topography - Manmade

Element Template (Level Name)	ByLevel Weight | ByLevel Style byLevel Color | Element Type	Example
Reservoir TP_MM_Reservoir USE FEATURE DEFINITION: Linear\Topography\Manmade\Reservoir	3 | 0 126 | Linear	
RRCenterTracks TP_MM_RRCenterTracks USE FEATURE DEFINITION: Linear\Topography\Manmade\RRCenterTracks	2 | TP_MM_RRCenterTracks 62 | Linear	
Well TP_MM_Well USE FEATURE DEFINITION: Point\Topography\Manmade\Well	0 | 2 126 | Cell	

S4.05 Standard Symbols (cont.)

All items are shown for all drawing scales at the size they will appear on a 22"x34" Right of Way sheet. Elements are listed by the Element Template path\structure. Where noted, use the Feature Definition rather than Element Template to place feature.

Topography - Natural

Element Template (Level Name)

ByLevel Weight | ByLevel Style
byLevel Color | Element Type

Example

HighWaterLine — 3 | 0 / 30 | Linear
TP_NT_HighWaterLine
USE FEATURE DEFINITION: Linear\Topography\Natural\HighWaterLine

LakeEdge — 3 | 2 / 1 | Linear
TP_NT_LakeEdge
USE FEATURE DEFINITION: Linear\Topography\Natural\LakeEdge

LargeBodyofWaterEdge — 3 | 2 / 1 | Linear
TP_NT_LargeBodyofWaterEdge
USE FEATURE DEFINITION: Linear\Topography\Natural\LargeBodyofWaterEdge

PondEdge — 3 | 2 / 1 | Linear
TP_NT_PondEdge
USE FEATURE DEFINITION: Linear\Topography\Natural\PondEdge

RiverEdge — 3 | 2 / 1 | Linear
TP_NT_RiverEdge
USE FEATURE DEFINITION: Linear\Topography\Natural\RiverEdge

StreamNonScalable — 3 | 0 / 126 | Linear
TP_NT_StreamNonScalable
USE FEATURE DEFINITION: Linear\Topography\Natural\StreamNonScalable

StreamScaleableEdge — 3 | 2 / 17 | Linear
TP_NT_StreamScaleableEdge

S4.05 Standard Symbols (cont.)

All items are shown for all drawing scales at the size they will appear on a 22"x34" Right of Way sheet. Elements are listed by the Element Template path\structure. Where noted, use the Feature Definition rather than Element Template to place feature.

Topography - Text - Manmade

Element Template (Level Name)	ByLevel Weight | ByLevel Style byLevel Color | Element Type	Example
DistanceTieText TP_MM_DistanceTieText Text Style: 5 Text Font: WSDOT CAE Text Size: 0.004167	0 | 0 30 | Text	48'
ManmadeTopographyRWText TP_MM_ManmadeTopographyRWText Text Style: 5 Text Font: WSDOT CAE Text Size: 0.004167	0 | 0 30 | Text	GABION WALL
RRText TP_MM_RRText Text Style: 5 Text Font: WSDOT CAE Text Size: 0.004167	0 | 0 62 | Text	BNSF RAILWAY

S4.05 Standard Symbols (cont.)

All items are shown for all drawing scales at the size they will appear on a 22"x34" Right of Way sheet. Elements are listed by the Element Template path\structure. Where noted, use the Feature Definition rather than Element Template to place feature.

Topography - Text - Natural

Element Template (Level Name)	ByLevel Weight | ByLevel Style byLevel Color | Element Type	Example
WaterPondLakeResRWText TP_NT_WaterPondLakeResRWText Text Style: 10 Text Font: WSDOT CAE Text Size: 0.008333	0 | 0 126 | Text	GREEN RIVER

S4.05 Standard Symbols (cont.)

All items are shown for all drawing scales at the size they will appear on a 22"x34" Right of Way sheet. Elements are listed by the Element Template path\structure. Where noted, use the Feature Definition rather than Element Template to place feature.

Utilities - Communication

Element Template (Level Name)	ByLevel Weight | ByLevel Style byLevel Color | Element Type	Example
SteelTransmissionTower UT_CM_SteelTransmissionTower USE FEATURE DEFINITION: Point\Utilities\Communication\SteelTransmissionTower	1 | 0 21 | Cell	
WoodenTransmissionTower UT_CM_WoodenTransmissionTower USE FEATURE DEFINITION: Point\Utilities\Communication\WoodenTransmissionTower	1 | 0 21 | Cell	

S4.05 Standard Symbols (cont.)

All items are shown for all drawing scales at the size they will appear on a 22"x34" Right of Way sheet. Elements are listed by the Element Template path\structure. Where noted, use the Feature Definition rather than Element Template to place feature.

Utilities - Power

Element Template (Level Name)	ByLevel Weight | ByLevel Style byLevel Color | Element Type	Example
UndGndPowerLine UT_PW_UndGndPowerLine USE FEATURE DEFINITION: Linear\Utilities\Power\UndGndPowerLine	0 | UT_PW_UndGndPowerLine 117 | Linear	— BP — — BP — — BP — — BP — — BP —

S4.05 Standard Symbols (cont.)

All items are shown for all drawing scales at the size they will appear on a 22"x34" Right of Way sheet. Elements are listed by the Element Template path\structure. Where noted, use the Feature Definition rather than Element Template to place feature.

Utilities - Sanitary Sewer

Element Template (Level Name)	ByLevel Weight | ByLevel Style byLevel Color | Element Type	Example
Drainfield UT_SS_Drainfield USE FEATURE DEFINITION: Linear\Utilities\Sanitary Sewer\Drainfield	1 | 3 149 | Linear	
DrainfieldDeactive UT_SS_DrainfieldDeactive USE FEATURE DEFINITION: Linear\Utilities\Sanitary Sewer\DrainfieldDeactive	1 | UT_SS_DrainfieldDeactive 149 | Linear	

S5.01 General
S5.02 PS&E Assigned Text Styles
S5.03 PS&E Feature Definitions
S5.04 PS&E Element Templates
S5.05 PS&E Standard Symbols

S5.01 General

This section describes Standard Symbols for the production of WSDOT deliverable contract plan sheets described in the *Plans Preparation Manual*.

The various geometric and design features commonly used in drafting plans have been assigned to the different CAD levels. These levels are arranged by category (or "parent" code), then by subcategory (or "child" code), then by Item. Included are the CAD Symbology names, with associated applicable cell name, CAD level, color, line style, and line weight.

WSDOT PS&E standard pre-assigned text sizes are listed in Symbology 5.02.

Alphabetically listed WSDOT PS&E standard Feature Definitions by category are in Symbology 5.03.

Alphabetically listed WSDOT PS&E standard Element Templates by category are listed in Symbology 5.04.

Graphically listed WSDOT PS&E standard elements are in Symbology 5.05.

S5.02 PS&E Assigned Text Styles

The text style listing below provides a complete list of standard PS&E text elements by path > Element Template name. The necessary fonts are included in the WSDOT resources managed in ProjectWise. Height/Width values are true values in the resources to support the target paper size values per WSDOT deliverable requirements. General Text Style names represent the target paper size (05, 06-Bold, 09-Bold). Other text styles are specific to the element.

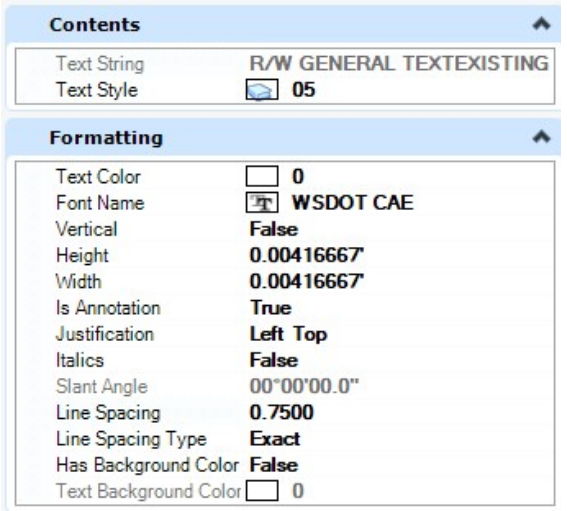
The Element Information > Contents section will indicate the Text Style name. If a text element does not have a text style assigned, it can be applied manually in this field.

The Formatting section indicates the actual Height and Width (which will be different). Default DGN working unit display settings may truncate these values.

The Is Annoation setting shall be set to True unless otherwise noted.

Line Spacing should be 0.75 for all Text Nodes.

For general Right of Way plan sheet text, use Access Notes Body and Access Notes Heading element templates.



Path	Element Template Name	Text Style	Font	Height-Width	Size on Paper	Justification
Environmental\Text						
	AreaMeasurements	07-Bold	WSDOT CAE	0.005833	0.07	Left Top
	EnviroPermitText	07-Ital	WSDOT CAE	0.005833	0.07	Left Top
	EnviroPermitTextNew	07-Bold	WSDOT CAE	0.005833	0.07	Left Top
	ErosionControlText	07-Ital	WSDOT CAE	0.005833	0.07	Left Top
	ErosionControlTextNew	07-Bold	WSDOT CAE	0.005833	0.07	Left Top
	HydraulicsText	07-Ital	WSDOT CAE	0.005833	0.07	Left Top
	HydraulicsTextNew	07-Bold	WSDOT CAE	0.005833	0.07	Left Top
	IrrigText	07-Ital	WSDOT CAE	0.005833	0.07	Left Top
	IrrigTextNew	07-Bold	WSDOT CAE	0.005833	0.07	Left Top
	LandscapeText	07-Ital	WSDOT CAE	0.005833	0.07	Left Top
	LandscapeTextNew	07-Bold	WSDOT CAE	0.005833	0.07	Left Top
	LineSizeText	07-Bold	WSDOT CAE	0.005833	0.07	Left Top

S5.02 PS&E Assigned Text Styles

The text style listing below provides a complete list of standard PS&E text elements by path > Element Template name. The necessary fonts are included in the WSDOT resources managed in ProjectWise. Height/Width values are true values in the resources to support the target paper size values per WSDOT deliverable requirements. General Text Style names represent the target paper size (05, 06-Bold, 09-Bold). Other text styles are specific to the element.

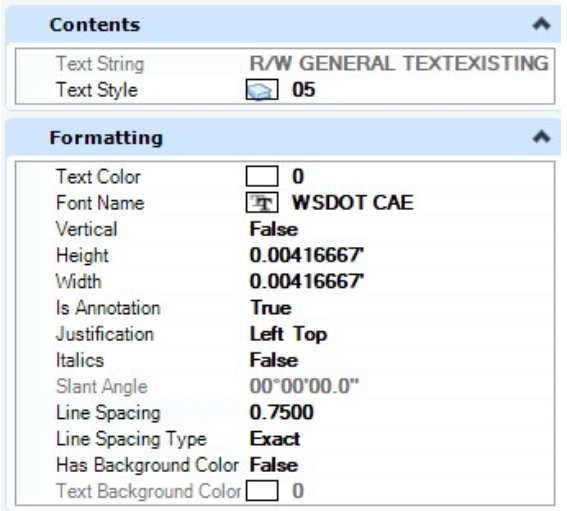
The Element Information > Contents section will indicate the Text Style name. If a text element does not have a text style assigned, it can be applied manually in this field.

The Formatting section indicates the actual Height and Width (which will be different). Default DGN working unit display settings may truncate these values.

The Is Annoation setting shall be set to True unless otherwise noted.

Line Spacing should be 0.75 for all Text Nodes.

For general Right of Way plan sheet text, use Access Notes Body and Access Notes Heading element templates.



Path	Element Template Name	Text Style	Font	Height-Width	Size on Paper	Justification
Environmental\Text						
	SlopeTextNew	07-Bold	WSDOT CAE	0.005833	0.07	Left Top
	WaterSurfaceElevationText	07-Ital	WSDOT CAE	0.005833	0.07	Left Top
	WetlandsText	07-Ital	WSDOT CAE	0.005833	0.07	Left Top
	WetlandsTextNew	07-Bold	WSDOT CAE	0.005833	0.07	Left Top
Right of Way\Text						
	BearingsText	12	WSDOT CAE	0.010000	0.12	Left Top
	CenterofSectionsText	18	WSDOT CAE	0.015000	0.18	Left Top
	CityNamesText	40-Block_RW	WSDOT BLOCK	0.033333	0.40	Center Center
	ControlSectionText	07-Bold	WSDOT CAE	0.005833	0.07	Left Top
	DescriptionsText	10	WSDOT CAE	0.008333	0.10	Left Top
	GovtBndryText	20-Bold	WSDOT CAE	0.016667	0.20	Center Center
	GovtLotIDText	18-Bold	WSDOT CAE	0.015000	0.18	Left Top

S5.02 PS&E Assigned Text Styles

The text style listing below provides a complete list of standard PS&E text elements by path > Element Template name. The necessary fonts are included in the WSDOT resources managed in ProjectWise. Height/Width values are true values in the resources to support the target paper size values per WSDOT deliverable requirements. General Text Style names represent the target paper size (05, 06-Bold, 09-Bold). Other text styles are specific to the element.

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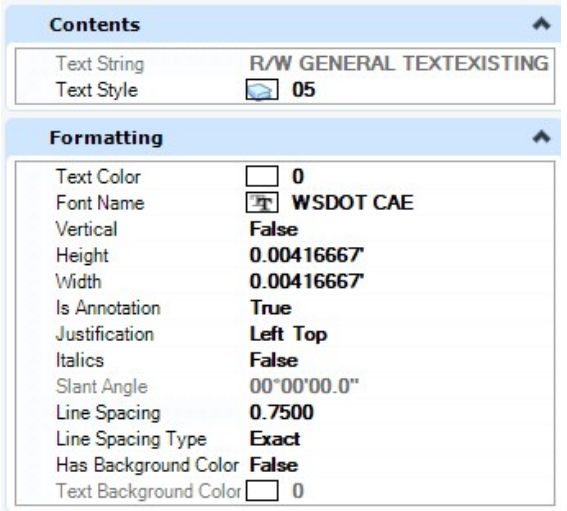
The Is Annoation setting shall be set to True unless otherwise noted.

Line Spacing should be 0.75 for all Text Nodes.

For general Right of Way plan sheet text, use Access Notes Body and Access Notes Heading element templates.



Path	Element Template Name	Text Style	Font	Height-Width	Size on Paper	Justification
Right of Way\Text						
	HighwayRWBndryPSESOText	07-Ital	WSDOT CAE	0.005833	0.07	Left Top
	InterchangeNamesText	30-Block_RW	WSDOT BLOCK	0.025000	0.30	Center Center
	RangeLinesText	25-Bold	WSDOT CAE	0.020833	0.25	Center Center
	SubdivisionsNamesText	20-Block_RW	WSDOT BLOCK	0.016667	0.20	Center Center
	TownshipRangeLineText	25-Bold	WSDOT CAE	0.020833	0.25	Center Center
Roadway\Text						
	BarrierText	07-Ital	WSDOT CAE	0.005833	0.07	Left Top
	BarrierTextNew	07-Bold	WSDOT CAE	0.005833	0.07	Left Top
	BermText	07-Ital	WSDOT CAE	0.005833	0.07	Left Top
	BermTextNew	07-Bold	WSDOT CAE	0.005833	0.07	Left Top
	CurbGutterSidewalkText	07-Ital	WSDOT CAE	0.005833	0.07	Left Top
	CurbGutterSidewalkTextNew	07-Bold	WSDOT CAE	0.005833	0.07	Left Top

S5.02 PS&E Assigned Text Styles

The text style listing below provides a complete list of standard PS&E text elements by path > Element Template name. The necessary fonts are included in the WSDOT resources managed in ProjectWise. Height/Width values are true values in the resources to support the target paper size values per WSDOT deliverable requirements. General Text Style names represent the target paper size (05, 06-Bold, 09-Bold). Other text styles are specific to the element.

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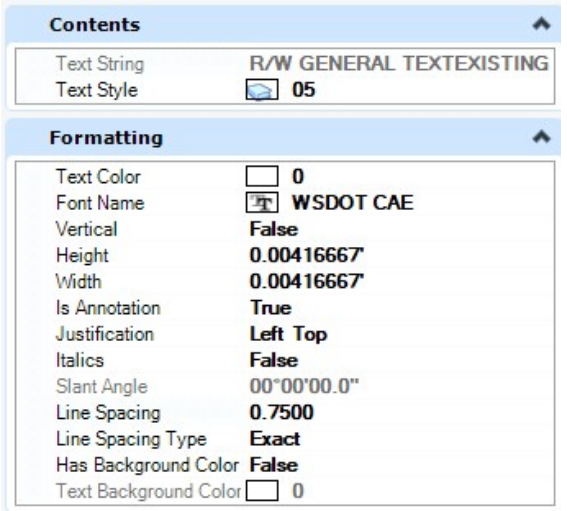
Line Spacing should be 0.75 for all Text Nodes.

For general Right of Way plan sheet text, use Access Notes Body and Access Notes Heading element templates.



Path	Element Template Name	Text Style	Font	Height-Width	Size on Paper	Justification
Roadway\Text						
	RoadwayEdgesText	07-Ital	WSDOT CAE	0.005833	0.07	Left Top
	RoadwayEdgesTextNew	07-Bold	WSDOT CAE	0.005833	0.07	Left Top
	RoadwayMarkingText	07-Ital	WSDOT CAE	0.005833	0.07	Left Top
	RoadwayMarkingTextNew	07-Bold	WSDOT CAE	0.005833	0.07	Left Top
	RoadwayNamesText	10-Bold	WSDOT CAE	0.008333	0.10	Left Top
	SawcutTextNew	07-Bold	WSDOT CAE	0.005833	0.07	Left Top
Sheet\General Items						
	Begin End Project Note	SH_BeginEnd	WSDOT CAE	0.011000	0.13	Left Bottom
	CivilLabeler-General Notes	07-Bold	WSDOT CAE	0.005833	0.07	Left Top
	CivilLabeler-General Notes - No Arr	07-Bold	WSDOT CAE	0.005833	0.07	Left Top
	Destination Arrow - PS&E	07-Bold	WSDOT CAE	0.005833	0.07	Left Top
	Destination Arrow - R/W	06-Bold	WSDOT CAE	0.005000	0.06	Left Top

S5.02 PS&E Assigned Text Styles

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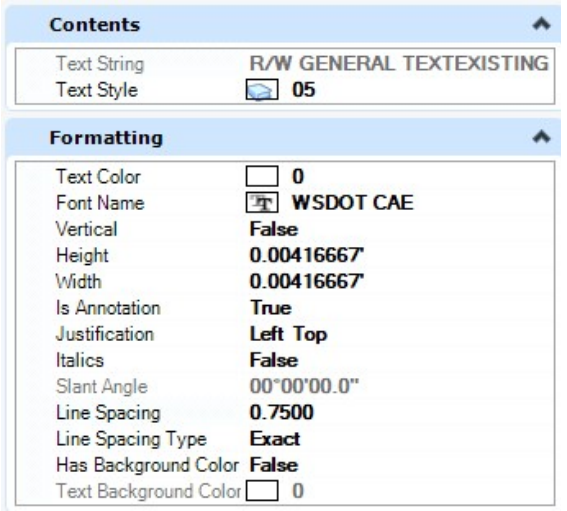
For general Right of Way plan sheet text, use Access Notes Body and Access Notes Heading element templates.



Path	Element Template Name	Text Style	Font	Height-Width	Size on Paper	Justification
Sheet\General Items						
	Township Range - Top of Sheet	18-Bold	WSDOT CAE	0.015000	0.18	Left Top
Sheet\General Items\General Text						
	Text Body 1 - PSE	07-Bold	WSDOT CAE	0.005833	0.07	Left Top
	Text Heading 1	12-Bold	WSDOT CAE	0.010000	0.12	Left Top
	Text Heading 2	10-Bold	WSDOT CAE	0.008333	0.10	Left Top
	Text Heading 3	09-Bold	WSDOT CAE	0.007500	0.09	Left Top
Sheet\Plans						
	Begin-End Construction Arrow	SH_BeginEnd	WSDOT CAE	0.011000	0.13	Left Bottom
	Begin-End Plan Arrow	SH_BeginEnd	WSDOT CAE	0.011000	0.13	Left Bottom
	CivilLabeler-Callouts_Exist	07-Ital	WSDOT CAE	0.005833	0.07	Left Top
	CivilLabeler-Callouts_New	07-Bold	WSDOT CAE	0.005833	0.07	Left Top
	Township Range - Top of Sheet	18-Bold	WSDOT CAE	0.015000	0.18	Left Top
Sheet\Profiles\Drainage						

S5.02 PS&E Assigned Text Styles

The text style listing below provides a complete list of standard PS&E text elements by path > Element Template name. The necessary fonts are included in the WSDOT resources managed in ProjectWise. Height/Width values are true values in the resources to support the target paper size values per WSDOT deliverable requirements. General Text Style names represent the target paper size (05, 06-Bold, 09-Bold). Other text styles are specific to the element.

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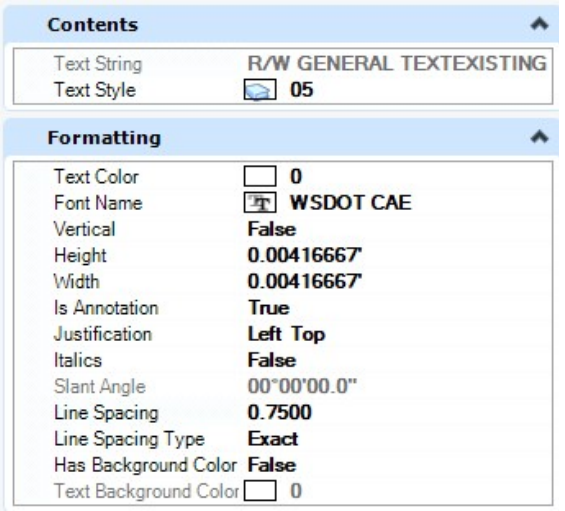
For general Right of Way plan sheet text, use Access Notes Body and Access Notes Heading element templates.



Path	Element Template Name	Text Style	Font	Height-Width	Size on Paper	Justification
Sheet\Profiles\Drainage						
	Profile Callout Text - Existing Pipes	DR_Pipes-Exist	WSDOT CAE	0.005833	0.07	Center Bottom
	Profile Callout Text - Existing Struct	DR_Structures-Exist	WSDOT CAE	0.005833	0.07	Left Top
	Profile Callout Text - New Pipes	DR_Pipes-New	WSDOT CAE	0.005833	0.07	Center Bottom
	Profile Callout Text - New Structure	DR_Structures-New	WSDOT CAE	0.005833	0.07	Left Top
Sheet\Profiles\Quantity Breakdown						
	QuantityBreakout Text	07-Bold	WSDOT CAE	0.005833	0.07	Left Top
Sheet\Profiles\Roadway Sections						
	Roadway Section Text	07-Bold	WSDOT CAE	0.005833	0.07	Left Top
Sheet\Review - Markup						
	Markup Add-In	07-Bold	WSDOT CAE	0.005833	0.07	Left Top
	Markup CommentText	07-Bold	WSDOT CAE	0.005833	0.07	Left Top
	Revision Add-In	07-Bold	WSDOT CAE	0.005833	0.07	Left Top
Sheet\Right of Way Plans\Text and Notes						

S5.02 PS&E Assigned Text Styles

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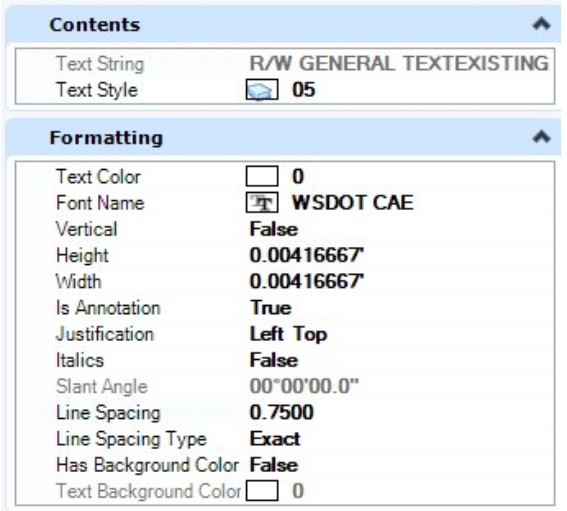

Path	Element Template Name	Text Style	Font	Height-Width	Size on Paper	Justification
Sheet\Right of Way Plans\Text and Notes						
	Cross Reference Note	07-Bold	WSDOT CAE	0.005833	0.07	Left Top
Sheet\Roadway Sections						
	Centerline	07-Bold	WSDOT CAE	0.005833	0.07	Left Top
Sheet\Roadway Sections\Text						
	RS Body 1	07-Bold	WSDOT CAE	0.005833	0.07	Left Top
	RS Heading 1	12-Bold	WSDOT CAE	0.010000	0.12	Left Top
Structures\Text						
	BridgeText	07-Ital	WSDOT CAE	0.005833	0.07	Left Top
	BridgeTextNew	07-Bold	WSDOT CAE	0.005833	0.07	Left Top
	TunnelText	07-Ital	WSDOT CAE	0.005833	0.07	Left Top
	TunnelTextNew	07-Bold	WSDOT CAE	0.005833	0.07	Left Top
	WallText	07-Ital	WSDOT CAE	0.005833	0.07	Left Top
	WallTextNew	07-Bold	WSDOT CAE	0.005833	0.07	Left Top

S5.02 PS&E Assigned Text Styles

The text style listing below provides a complete list of standard PS&E text elements by path > Element Template name. The necessary fonts are included in the WSDOT resources managed in ProjectWise. Height/Width values are true values in the resources to support the target paper size values per WSDOT deliverable requirements. General Text Style names represent the target paper size (05, 06-Bold, 09-Bold). Other text styles are specific to the element.

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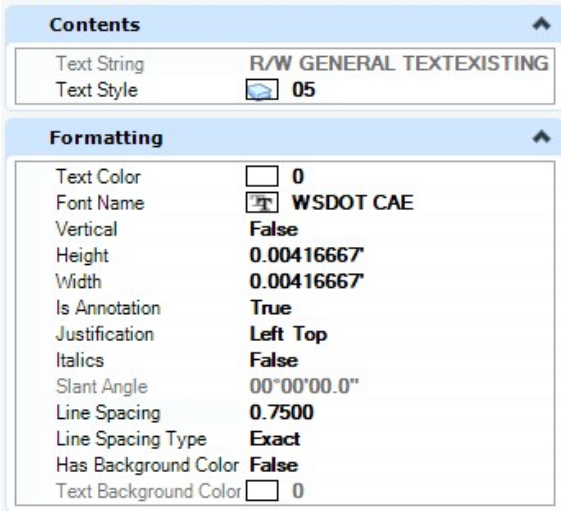
For general Right of Way plan sheet text, use Access Notes Body and Access Notes Heading element templates.



Path	Element Template Name	Text Style	Font	Height-Width	Size on Paper	Justification
Terrain\Contours						
	IndexContoursText	CN_Exist	WSDOT CAE	0.005833	0.07	Center Center
	IndexContoursTextNew	CN_New	WSDOT CAE	0.005833	0.07	Center Center
	IntermedContoursTextNew	CN_Exist	WSDOT CAE	0.005833	0.07	Center Center
	IntermediateContoursText	CN_New	WSDOT CAE	0.005833	0.07	Center Center
Terrain\Existing						
	SpotElevationsText	TE_PT_Points	WSDOT CAE	0.005833	0.07	Left Top
Terrain\New						
	SpotElevationTextNew	TE_PT_Points	WSDOT CAE	0.005833	0.07	Left Top
Topography\Text\Manmade						
	DistanceTieText	10	WSDOT CAE	0.008333	0.10	Left Top
	ManmadeTopographyText	07	WSDOT CAE	0.005833	0.07	Left Top
	RRText	05	WSDOT CAE	0.004167	0.05	Left Top
Topography\Text\Natural						

S5.02 PS&E Assigned Text Styles

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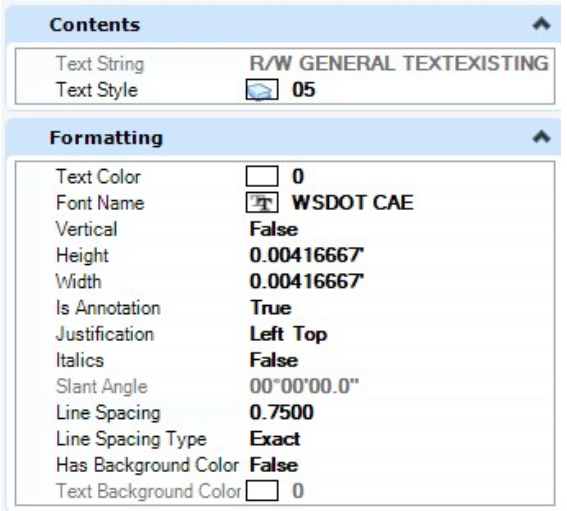

Path	Element Template Name	Text Style	Font	Height-Width	Size on Paper	Justification
Topography\Text\Natural						
	NaturalTopographyText	07-Ital	WSDOT CAE	0.005833	0.07	Left Top
	WaterPondLakeResText	07	WSDOT CAE	0.005833	0.07	Left Top
	WaterTidalShoreLgBodyText	20	WSDOT CAE	0.016667	0.20	Left Top
Traffic\Text						
	IllumText	07-Ital	WSDOT CAE	0.005833	0.07	Left Top
	IllumTextNew	07-Bold	WSDOT CAE	0.005833	0.07	Left Top
	SignalsText	07-Ital	WSDOT CAE	0.005833	0.07	Left Top
	SignalsTextNew	07-Bold	WSDOT CAE	0.005833	0.07	Left Top
	SigningText	07-Ital	WSDOT CAE	0.005833	0.07	Left Top
	SigningTextNew	07-Bold	WSDOT CAE	0.005833	0.07	Left Top
	TrafficSystemsText	07-Ital	WSDOT CAE	0.005833	0.07	Left Top
	TrafficSystemsTextNew	07-Bold	WSDOT CAE	0.005833	0.07	Left Top

S5.02 PS&E Assigned Text Styles

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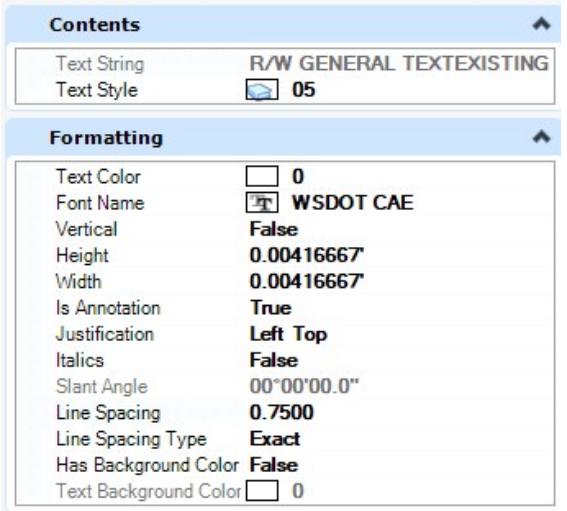

Path	Element Template Name	Text Style	Font	Height-Width	Size on Paper	Justification
Traffic\Text						
	WorkZoneTextCurrent	07-Bold	WSDOT CAE	0.005833	0.07	Left Top
	WorkZoneTextPrevious	07-Ital	WSDOT CAE	0.005833	0.07	Left Top
Utilities\Text						
	CommunicationUtilText	07-Ital	WSDOT CAE	0.005833	0.07	Left Top
	CommunicationUtilTextNew	07-Bold	WSDOT CAE	0.005833	0.07	Left Top
	GasUtilitiesText	07-Ital	WSDOT CAE	0.005833	0.07	Left Top
	GasUtilitiesTextNew	07-Bold	WSDOT CAE	0.005833	0.07	Left Top
	GeneralUtilitiesText	07-Ital	WSDOT CAE	0.005833	0.07	Left Top
	GeneralUtilitiesTextNew	07-Bold	WSDOT CAE	0.005833	0.07	Left Top
	MultiUtilitiesText	07-Ital	WSDOT CAE	0.005833	0.07	Left Top
	MultiUtilitiesTextNew	07-Bold	WSDOT CAE	0.005833	0.07	Left Top
	PowerUtilitiesText	07-Ital	WSDOT CAE	0.005833	0.07	Left Top

S5.02 PS&E Assigned Text Styles

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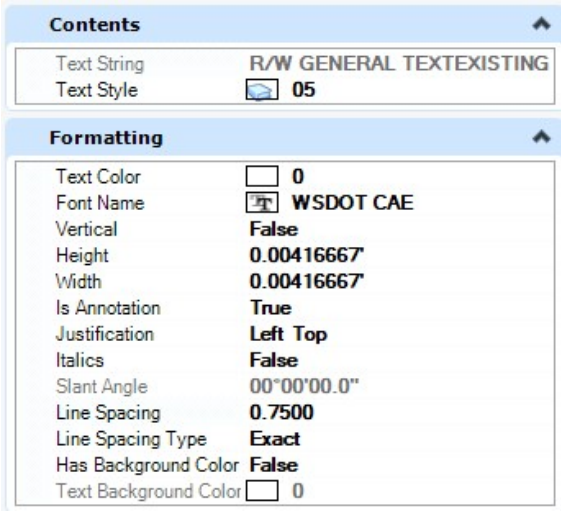

Path	Element Template Name	Text Style	Font	Height-Width	Size on Paper	Justification
Utilities\Text						
	PowerUtilitiesTextNew	07-Bold	WSDOT CAE	0.005833	0.07	Left Top
	SanSewerUtilitiesText	07-Ital	WSDOT CAE	0.005833	0.07	Left Top
	SanSewerUtilitiesTextNew	07-Bold	WSDOT CAE	0.005833	0.07	Left Top
	WaterUtilitiesText	07-Ital	WSDOT CAE	0.005833	0.07	Left Top
	WaterUtilitiesTextNew	07-Bold	WSDOT CAE	0.005833	0.07	Left Top

S5.03 PS&E Feature Definitions

The listing below provides a complete list of standard PS&E Feature Definitions by path/category. Feature Definitions include associated groups of annotation, symbology, and element attribute information.

Listed color, line style, and line weight are the default bylevel attributes for the root Element Template. All elements shall be assigned a feature definition unless one is not available. In that case see S5.04 for the PS&E standard element template list.

Path	Feature Definition Name	Description	Default/Root Element Template	Color	Line Style	Line Weight
Alignment						
Channel						
	ChnlLine	Channel_Waterway Alignment	Alignment\Channel\Existing\ChnlLine	151	0	1
	ChnlLineNew	Channel_Waterway Alignment_New	Alignment\Channel\New\ChnlLineNew	137	0	5
Highway						
	CLinePSE	PSE CenterLine	Alignment\Highway\Existing\CLinePSE	18	AL_HW_CLinePSE	1
	CLinePSENew	PSE CenterLine_New	Alignment\Highway\New\CLinePSENew	2	0	5
Right of Way						
PSE						
	ClineRWforPSE	RW for PSE	Alignment\Right of Way\PSE\CLineRWforPSE	50	AL_RW_CLineRWforPSE	1
Working Line						
	WLineWallNew	Wall Working Line	Alignment\Working Line\WLineWallNew	2	0	5
Linear						
Drainage						
Ditches						
	AsphaltDitch		Drainage\Ditches\AsphaltDitch	145	0	0
	AsphaltDitchNew		Drainage\Ditches\AsphaltDitchNew	129	0	2
	BackOfDitchNew		Drainage\Ditches\BackOfDitchNew	1	0	1
	DitchBottom		Drainage\Ditches\DitchBottom	17	DR_PP_DitchBottom	1
	DitchBottomBack		Drainage\Ditches\DitchBottomBack	17	0	1
	DitchBottomBackNew		Drainage\Ditches\DitchBottomBackNew	1	0	1
	DitchBottomNew		Drainage\Ditches\DitchBottomNew	1	DR_PP_DitchBottomNew	1
	DitchBottomNoDir		Drainage\Ditches\DitchBottomNoDir	17	DR_PP_DitchBottomNoDir	1
Pipes						
	Culvert		Drainage\Pipes\Culvert	81	2	0
	CulvertNew		Drainage\Pipes\CulvertNew	65	0	1
	DrainPipe		Drainage\Pipes\DrainPipe	81	DR_PP_DrainPipe	0
	DrainPipeDeactive		Drainage\Pipes\DrainPipeDeactive	81	DR_PP_DrainPipeDeactive	0
	DrainPipeNew		Drainage\Pipes\DrainPipeNew	65	DR_PP_DrainPipeNew	2
	StormSewerPipe		Drainage\Pipes\StormSewerPipe	49	DR_PP_StormSewerLine	0
	StormSewerPipeDeactive		Drainage\Pipes\StormSewerPipeDeactive	49	DR_PP_StormSewerLineDeactive	0
	StormSewerPipeNew		Drainage\Pipes\StormSewerPipeNew	33	DR_PP_StormSewerLineNew	0
	StormSewerPipeNewProfile		Drainage\Pipes\Profile\StormSewerPipeNewProfile	33	DR_PP_StormSewerLineNew	0
	UnderDrainPipe		Drainage\Pipes\UnderDrainPipe	113	DR_PP_UnderDrainLine	0
	UnderDrainPipeDeactive		Drainage\Pipes\UnderDrainPipeDeactive	113	DR_PP_UnderDrainLineDeactive	0
	UnderDrainPipeNew		Drainage\Pipes\UnderDrainPipeNew	97	DR_PP_UnderDrainLineNew	0
Ponds						

S5.03 PS&E Feature Definitions

The listing below provides a complete list of standard PS&E Feature Definitions by path/category. Feature Definitions include associated groups of annotation, symbology, and element attribute information.

Listed color, line style, and line weight are the default bylevel attributes for the root Element Template. All elements shall be assigned a feature definition unless one is not available. In that case see S5.04 for the PS&E standard element template list.

Path	*Feature Definition Name*	*Description*	*Default/Root Element Template*	*Color*	*Line Style*	*Line Weight*
Linear						
Drainage						
Ponds						
	DetentionPond		Drainage\Ponds\DetentionPond	81	3	3
	DetentionPondBerm		Drainage\Ponds\DetentionPondBerm	81	0	3
	DetentionPondBermNew		Drainage\Ponds\DetentionPondBermNew	65	0	3
	DetentionPondBottom		Drainage\Ponds\DetentionPondBottom	81	3	3
	DetentionPondBottomNew		Drainage\Ponds\DetentionPondBottomNew	65	0	3
	DetentionPondNew		Drainage\Ponds\DetentionPondNew	65	0	3
	DetentionPondTop		Drainage\Ponds\DetentionPondTop	81	0	3
	DetentionPondTopNew		Drainage\Ponds\DetentionPondTopNew	65	0	3
	Spring		Drainage\Ponds\Spring	145	DR_PP_Spring	2
Structures						
	BoxCulvert		Drainage\Structures\BoxCulvert	81	2	0
	BoxCulvertNew		Drainage\Structures\BoxCulvertNew	65	0	2
	DikeNew		Drainage\Structures\DikeNew	129	0	10
	HeadWall		Drainage\Structures\HeadWall	81	DR_ST_HeadWall	0
	HeadWallBottom		Drainage\Structures\HeadWallBottom	81	0	0
	HeadWallNew		Drainage\Structures\HeadWallNew	65	DR_ST_HeadWallNew	0
	HeadWallTop		Drainage\Structures\HeadWallTop	81	0	0
	InletSlotted		Drainage\Structures\InletSlotted	81	DR_ST_InletSlotted	0
	InletSlottedNew		Drainage\Structures\InletSlottedNew	65	DR_ST_InletSlottedNew	2
	WingWall		Drainage\Structures\WingWall	81	DR_ST_WingWall	0
	WingWallBottom		Drainage\Structures\WingWallBottom	81	0	0
	WingWallNew		Drainage\Structures\WingWallNew	65	DR_ST_WingWallNew	0
	WingWallTop		Drainage\Structures\WingWallTop	81	0	0
Environmental						
Environmental Permits						
	BufferEnhancement		Environmental\Permits\BufferEnhancement	91	0	1
	BufferPreservation		Environmental\Permits\BufferPreservation	90	0	1
	BufferRestoration		Environmental\Permits\BufferRestoration	94	0	1
	ConvBufferToStream		Environmental\Permits\ConvBufferToStream	12	0	0
	ConvStreamToBuffer		Environmental\Permits\ConvStreamToBuffer	12	0	0
	ConvStreamToJurisDitch		Environmental\Permits\ConvStreamToWetland	17	0	1
	ConvWetlandToStream		Environmental\Permits\ConvWetlandToStream	28	0	2
	ImperviousArea		Environmental\Permits\ImperviousArea	3	0	2
	MudflatsImpactPerm		Environmental\Permits\MudflatsImpactPerm	13	0	2
	MudflatsImpactTemp		Environmental\Permits\MudflatsImpactTemp	14	0	1

S5.03 PS&E Feature Definitions

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Listed color, line style, and line weight are the default bylevel attributes for the root Element Template. All elements shall be assigned a feature definition unless one is not available. In that case see S5.04 for the PS&E standard element template list.

Path	Feature Definition Name	Description	Default/Root Element Template	Color	Line Style	Line Weight
Linear Environmental Environmental Permits						
	PerviousArea		Environmental\Permits\PerviousArea	19	0	2
	RifflePoolImpactPerm		Environmental\Permits\RifflePoolImpactPerm	5	0	2
	RifflePoolImpactTemp		Environmental\Permits\RifflePoolImpactTemp	8	0	0
	RoadwayReclamation		Environmental\Permits\RoadwayReclamation	93	4	1
	RockClassB		Environmental\Permits\RockClassB	15	0	1
	RockQuarrySpalls		Environmental\Permits\RockQuarrySpalls	79	0	0
	StreamImpactPerm		Environmental\Permits\StreamImpactPerm	1	0	2
	StreamImpactTemp		Environmental\Permits\StreamImpactTemp	17	0	1
	StreamRestoration		Environmental\Permits\StreamRestoration	92	0	1
	WetlandImpactLongTerm		Environmental\Permits\WetlandImpactLongTerm	3	0	2
	WetlandImpactPerm		Environmental\Permits\WetlandImpactPerm	3	0	2
	WetlandImpactShortTerm		Environmental\Permits\WetlandImpactShortTerm	19	0	1
	WetlandRestoration		Environmental\Permits\WetlandRestoration	25	0	0
Erosion Control						
	BarrierBrushNew		Environmental\Erosion Control\BarrierBrushNew	9	EV_EC_BarrierBrushNew	2
	BermCompostNew		Environmental\Erosion Control\BermCompostNew	9	EV_EC_BermCompostNew	2
	BermGravelFilterNew		Environmental\Erosion Control\BermGravelFilterNew	9	EV_EC_BermGravelFilterNew	2
	BioRetention		Environmental\Erosion Control\BioRetention	9	EV_EC_BioRetention	2
	CompostFilterSockNew		Environmental\Erosion Control\CompostFilterSockNew	9	EV_EC_CompostFilterSockNew	2
	ConstrEntranceNew		Environmental\Erosion Control\ConstrEntranceNew	9	0	0
	ConstrEntranceTireWashNew		Environmental\Erosion Control\ConstrEntranceTireWashNew	9	0	0
	ContractorSensitiveArea		Environmental\Erosion Control\ContractorSensitiveArea	23	EV_EC_ContractorSensitiveArea	2
	DewateringAreaNew		Environmental\Erosion Control\DewateringAreaNew	9	0	0
	EcologyDitchNew		Environmental\Erosion Control\EcologyDitchNew	9	EV_EC_EcologyDitchNew	2
	FenceHighVisContNew		Environmental\Erosion Control\FenceHighVisConstNew	9	EV_EC_FenceHighVisConstNew	2
	FenceHighVisSiltNew		Environmental\Erosion Control\FenceHighVisSiltNew	9	EV_EC_FenceHighVisSiltNew	2
	FenceSiltNew		Environmental\Erosion Control\FenceSiltNew	9	EV_EC_FenceSiltNew	2
	FenceTurbidityCurtainNew		Environmental\Erosion Control\FenceTurbidityCurtainNew	9	EV_EC_FenceTurbidityCurtainNew	2
	FishBlockNet		Environmental\Erosion Control\FishBlockNet	9	0	0
	InfiltrationTrenchNew		Environmental\Erosion Control\InfiltrationTrenchNew	9	EV_EC_InfiltrationTrenchNew	2
	InterceptorDikeNew		Environmental\Erosion Control\InterceptorDikeNew	9	0	2
	InterceptorSwaleNew		Environmental\Erosion Control\InterceptorSwaleNew	9	0	2
	LevelSpreaderNew		Environmental\Erosion Control\LevelSpreaderNew	9	0	2
	MulchingAndMattingNew		Environmental\Erosion Control\MulchingAndMattingNew	9	0	0
	PermSeedingAndPlantingNew		Environmental\Erosion Control\PermSeedingAndPlantingNew	9	0	2

S5.03 PS&E Feature Definitions

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Listed color, line style, and line weight are the default bylevel attributes for the root Element Template. All elements shall be assigned a feature definition unless one is not available. In that case see S5.04 for the PS&E standard element template list.

Path	*Feature Definition Name*	*Description*	*Default/Root Element Template*	*Color*	*Line Style*	*Line Weight*
Linear						
Environmental						
Erosion Control						
	PipeSlopeDrainNew		Environmental\Erosion Control\PipeSlopeDrainNew	9	0	2
	PlasticCoveringNew		Environmental\Erosion Control\PlasticCoveringNew	9	0	0
	SandBagOrSackNew		Environmental\Erosion Control\SandBagOrSackNew	9	EV_EC_SandBagOrSackNew	2
	SedimentPondTemp		Environmental\Erosion Control\SedimentPondTemp	9	0	0
	SedimentPondTempNew		Environmental\Erosion Control\SedimentPondTempNew	9	0	0
	SedimentTrapNew		Environmental\Erosion Control\SedimentTrapNew	9	0	2
	SeedingErosionControl		Environmental\Erosion Control\SeedingErosionControl	9	0	0
	SeedingTemp		Environmental\Erosion Control\SeedingTemp	9	0	2
	SeedingTempNew		Environmental\Erosion Control\SeedingTempNew	9	0	0
	SoilBinderTackingAgentNew		Environmental\Erosion Control\SoilBinderTackingAgentNew	9	0	0
	VegetativeFilterStripNew		Environmental\Erosion Control\VegetativeFilterStripNew	9	EV_EC_VegetativeFilterStripNew	2
	WattleNew		Environmental\Erosion Control\WattleNew	9	EV_EC_WattleNew	2
HEC_RAS						
	LeftBank		Environmental\HEC_RAS\LeftBank	23	0	3
	LeftOverBank		Environmental\HEC_RAS\LeftOverBank	23	0	1
	RightBank		Environmental\HEC_RAS\RightBank	23	0	3
	RightOverBank		Environmental\HEC_RAS\RightOverBank	23	0	1
	StreamCenterline		Environmental\HEC_RAS\StreamCenterline	23	0	4
Irrigation						
	Ditch		Environmental\Irrigation\Ditch	23	EV_IR_Ditch	1
	DitchNew		Environmental\Irrigation\DitchNew	9	EV_IR_DitchNew	2
	LineDrip		Environmental\Irrigation\LineDrip	23	EV_IR_LineDrip	1
	LineDripNew		Environmental\Irrigation\LineDripNew	9	EV_IR_LineDripNew	2
	LineLateral		Environmental\Irrigation\LineLateral	23	EV_IR_LineLateral	1
	LineLateralNew		Environmental\Irrigation\LineLateralNew	9	EV_IR_LineLateralNew	2
	LineMain		Environmental\Irrigation\LineMain	23	EV_IR_LineMain	1
	LineMainNew		Environmental\Irrigation\LineMainNew	9	EV_IR_LineMainNew	2
	LineUnknown		Environmental\Irrigation\LineUnknown	23	EV_IR_LineUnknown	1
	WiringandConduit		Environmental\Irrigation\LineUnknown	23	EV_IR_LineUnknown	1
Landscape						
	BioEngineeringNew		Environmental\Landscape\BioEngineeringNew	9	0	0
	Boulder		Environmental\Landscape\Boulder	9	0	1
	CAVFS		Environmental\Landscape\CAVFS	9	0	0
	CAVFSEdge		Environmental\Landscape\CAVFSEdge	9	EV_LS_CAVFSEdge	2
	ClearPruneGrubSelective		Environmental\Landscape\ClearPruneGrubSelective	9	EV_LS_ClearPruneGrubSelective	4

S5.03 PS&E Feature Definitions

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Listed color, line style, and line weight are the default bylevel attributes for the root Element Template. All elements shall be assigned a feature definition unless one is not available. In that case see S5.04 for the PS&E standard element template list.

Path	*Feature Definition Name*	*Description*	*Default/Root Element Template*	*Color*	*Line Style*	*Line Weight*
Linear\Environmental\Landscape						
	ClearPruneSelective		Environmental\Landscape\ClearPruneSelective	9	EV_LS_ClearPruneSelective	4
	ClearSelective		Environmental\Landscape\ClearSelective	9	EV_LS_ClearSelective	4
	CompostCoarse		Environmental\Landscape\CompostCoarse1	9	0	0
	CompostFine		Environmental\Landscape\CompostFine	9	0	0
	CompostMedium		Environmental\Landscape\CompostMedium	9	0	0
	ConcreteDecorative		Environmental\Landscape\ConcreteDecorative	9	0	2
	EdgePlantingNew		Environmental\Landscape\EdgePlantingNew	9	0	2
	Fascine		Environmental\Landscape\Fascine	9	3	5
	FeatureHabitat		Environmental\Landscape\FeatureHabitat	9	0	2
	FeatureLandscape		Environmental\Landscape\FeatureLandscape	23	0	1
	FeatureLandscapeNew		Environmental\Landscape\FeatureLandscapeNew	9	0	2
	FenceRestrictedAccess		Environmental\Landscape\FenceRestrictedAccess	9	EV_LS_FenceRestrictedAccess	2
	FloodplainPlantAreaTy1New		Environmental\Landscape\PlantFloodplainAreaTy1New	0	0	0
	FloodplainPlantAreaTy2New		Environmental\Landscape\PlantFloodplainAreaTy2New	0	0	0
	Furnishings		Environmental\Landscape\Furnishings	23	0	1
	FurnishingsNew		Environmental\Landscape\FurnishingsNew	9	0	2
	GroundWaterContours		Environmental\Landscape\GroundWaterContours	23	3	1
	LargeWoodyMaterial		Environmental\Landscape\LargeWoodyMaterial	9	0	1
	MediaFilterDrainNew		Environmental\Landscape\MediaFilterDrainNew	9	EV_LS_MediaFilterDrainNew	2
	MediaFilterDrainNoDirNew		Environmental\Landscape\MediaFilterDrainNoDirNew	9	EV_LS_MediaFilterDrainNoDirNew	2
	PileBrush		Environmental\Landscape\PileBrush	9	0	1
	PileLog		Environmental\Landscape\PileLog	9	0	1
	PileRock		Environmental\Landscape\PileRock	9	0	1
	PlantingEmergent1New		Environmental\Landscape\PlantingEmergent1New	7	0	1
	PlantingEmergent2New		Environmental\Landscape\PlantingEmergent2New	7	0	1
	PlantingFloodplainAreaTy1		Environmental\Landscape\PlantFloodplainAreaTy1	39	0	1
	PlantingFloodplainAreaTy2		Environmental\Landscape\PlantFloodplainAreaTy2	71	0	1
	PlantingForested		Environmental\Landscape\PlantingForested	9	0	1
	PlantingMixA		Environmental\Landscape\PlantingMixA	9	0	0
	PlantingMixB		Environmental\Landscape\PlantingMixB	9	0	0
	PlantingMixC		Environmental\Landscape\PlantingMixC	9	0	0
	PlantingMixD		Environmental\Landscape\PlantingMixD	9	0	0
	PlantingMixE		Environmental\Landscape\PlantingMixE	9	0	0
	PlantingMixF		Environmental\Landscape\PlantingMixF	9	0	0

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Listed color, line style, and line weight are the default bylevel attributes for the root Element Template. All elements shall be assigned a feature definition unless one is not available. In that case see S5.04 for the PS&E standard element template list.

Path	Feature Definition Name	Description	Default/Root Element Template	Color	Line Style	Line Weight
Linear						
Environmental						
Landscape						
	PlantingMixG		Environmental\Landscape\PlantingMixG	9	0	0
	PlantingMixH		Environmental\Landscape\PlantingMixH	9	0	0
	PlantingMixI		Environmental\Landscape\PlantingMixI	9	0	0
	PlantingMixJ		Environmental\Landscape\PlantingMixJ	9	0	0
	PlantingMixK		Environmental\Landscape\PlantingMixK	9	0	0
	PlantingMixL		Environmental\Landscape\PlantingMixL	9	0	0
	PlantingStormwaterBuffer		Environmental\Landscape\PlantingStormwaterBuffer	0	0	1
	PlantingStreamBuffer		Environmental\Landscape\PlantingStreamBuffer	0	0	1
	PlantingUpland		Environmental\Landscape\PlantingUpland	9	0	1
	PlantingWetlandRestore		Environmental\Landscape\PlantingWetlandRestore1	9	0	1
	Riparian		Environmental\Landscape\Riparian	9	0	1
	Seeding		Environmental\Landscape\Seeding	9	0	1
	SeedingEmergent		Environmental\Landscape\SeedingEmergent	9	0	1
	SeedingLawn		Environmental\Landscape\SeedingLawn	9	0	1
	SeedingMixDryNative		Environmental\Landscape\SeedingMixDryNative	9	0	1
	SeedingMixSpecial		Environmental\Landscape\SeedingMixSpecial	9	0	1
	SeedingMixWetNative		Environmental\Landscape\SeedingMixWetNative	9	0	1
	SoddingNew		Environmental\Landscape\SoddingNew	9	0	2
	SodLawn		Environmental\Landscape\SodLawn	9	0	1
	SoilAmendment		Environmental\Landscape\SoilAmendment	9	0	0
	SoilDecompationArea		Environmental\Landscape\SoilDecompationArea	9	7	10
	TopsoilNew		Environmental\Landscape\TopsoilNew	9	0	1
	TurfNew		Environmental\Landscape\TurfNew	4	0	0
	VegetativeFilterStripNew		Environmental\Landscape\VegetativeFilterStripNew	9	0	2
	WeedControlArea		Environmental\Landscape\WeedControlArea	41	3	10
River Hydraulics						
	BoulderAnchorNew		Environmental\River Hydraulics\BoulderAnchorNew	137	EV_HY_BoulderAnchorNew	1
	ChannelSlopeBreak		Environmental\River Hydraulics\ChannelSlopeBreak	151	2	1
	ChannelSlopeBreakNew		Environmental\River Hydraulics\ChannelSlopeBreakNew	137	0	3
	RockErosionScourProtNew		Environmental\River Hydraulics\RockErosionScourProtNew	137	0	0
	RockMaterialNew		Environmental\River Hydraulics\RockMaterialNew	137	0	0
	RockQuarrySpallsNew		Environmental\River Hydraulics\RockQuarrySpallsNew	137	0	0
	RockRipRapNew		Environmental\River Hydraulics\RockRipRapNew	137	0	0
	RockStreambedMaterialNew		Environmental\River Hydraulics\RockStreambedMaterialNew	137	0	0
	SlopeNew		Environmental\River Hydraulics\SlopeNew	137	EV_HY_SlopeNew	1

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Path	*Feature Definition Name*	*Description*	*Default/Root Element Template*	*Color*	*Line Style*	*Line Weight*
Linear						
Environmental						
River Hydraulics						
	StreamSlopeBreak		Environmental\River Hydraulics\StreamSlopeBreak	151	2	1
	StreamSlopeBreakNew		Environmental\River Hydraulics\StreamSlopeBreakNew	137	0	3
Wetlands						
	100YearFlood		Environmental\Wetlands\100YearFlood	87	EV_WE_100YearFlood	2
	10YearFlood		Environmental\Wetlands\10YearFlood	87	EV_WE_010YearFlood	2
	25YearFlood		Environmental\Wetlands\25YearFlood	87	EV_WE_025YearFlood	2
	2YearFlood		Environmental\Wetlands\2YearFlood	87	EV_WE_002YearFlood	2
	500YearFlood		Environmental\Wetlands\500YearFlood	23	EV_WE_500YearFlood	2
	50YearFlood		Environmental\Wetlands\50YearFlood	23	EV_WE_050YearFlood	2
	5YearFlood		Environmental\Wetlands\5YearFlood	87	EV_WE_005YearFlood	2
	BiofiltrationSwale		Environmental\Wetlands\BiofiltrationSwale	55	EV_WE_BiofiltrationSwale	2
	BiofiltrationSwaleNew		Environmental\Wetlands\BiofiltrationSwaleNew	41	EV_WE_BiofiltrationSwaleNew	2
	BndryWetlandInventoryNew		Environmental\Wetlands\BndryWetlandInventoryNew	41	EV_WE_BndryWetlandInventoryNew	3
	ChannelEdgeNew		Environmental\Wetlands\ChannelEdgeNew	105	3	2
	EstlTidalHiSaltMarsh		Environmental\Wetlands\EstlTidalHiSaltMarsh	87	EV_WE_EstlTidalHiSaltMarsh	2
	EstlTidalHiSaltMarshNew		Environmental\Wetlands\EstlTidalHiSaltMarshNew	73	EV_WE_EstlTidalHiSaltMarshNew	2
	EstlTidalLoSaltMarsh		Environmental\Wetlands\EstSTidalLoSaltMarsh	87	EV_WE_EstSTidalLoSaltMarsh	2
	EstlTidalLoSaltMarshNew		Environmental\Wetlands\EstSTidalLoSaltMarshNew	73	EV_WE_EstSTidalLoSaltMarshNew	2
	Forested		Environmental\Wetlands\Forested	119	3	2
	ForestedNew		Environmental\Wetlands\ForestedNew	105	0	2
	IndirectWetlandImpact		Environmental\Wetlands\IndirectWetlandImpact	0	0	0
	OpenFreshPond		Environmental\Wetlands\OpenFreshPond	119	3	2
	OpenFreshPondNew		Environmental\Wetlands\OpenFreshPondNew	105	0	2
	ScrubShrub		Environmental\Wetlands\ScrubShrub	119	3	2
	ScrubShrubForested		Environmental\Wetlands\ScrubShrubForested	9	0	2
	ScrubShrubForestedNew		Environmental\Wetlands\ScrubShrubForestedNew	9	0	2
	ScrubShrubNew		Environmental\Wetlands\ScrubShrubNew	105	0	2
	SeedingAndPlantingPerm		Environmental\Wetlands\SeedingAndPlantingPerm	105	0	2
	SoilPit		Environmental\Wetlands\SoilPit	0	0	0
	StormWaterTrtmnt		Environmental\Wetlands\StormwaterTrtmnt	55	3	2
	StormWaterTrtmntNew		Environmental\Wetlands\StormwaterTrtmntNew	41	0	2
	StreamImpactTemp		Environmental\Permits\StreamImpactTemp	17	0	1
	WaterLineMeanHigh		Environmental\Wetlands\WaterLineMeanHigh	23	EV_WE_WaterLineMeanHigh	0
	WaterLineMeanHigherHigh		Environmental\Wetlands\WaterLineMeanHigherHigh	23	EV_WE_WaterLineMeanHigherHigh	0
	WaterLineMeanLow		Environmental\Wetlands\WaterLineMeanLow	23	EV_WE_WaterLineMeanLow	0

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Path	*Feature Definition Name*	*Description*	*Default/Root Element Template*	*Color*	*Line Style*	*Line Weight*
Linear						
Environmental						
Wetlands						
	WaterLineMeanLowerLow		Environmental\Wetlands\WaterLineMeanLowerLow	23	EV_WE_WaterLineMeanLowerLow	0
	WaterLineNrmHighMaxLkLvl		Environmental\Wetlands\WaterLineNrmHighMaxLkLvl	23	0	2
	WaterLineOrdinaryHigh		Environmental\Wetlands\WaterLineOrdinaryHigh	0	EV_WE_WaterLineOrdinaryHigh	0
	WetlandMitigationBuffer		Environmental\Wetlands\WetlandMitigationBuffer	41	EV_WE_WetlandMitigationBuffer	0
	WetlandMitigationBuffNew		Environmental\Wetlands\WetlandMitigationBuffNew	9	0	2
Right of Way						
Boundaries						
	HighwayRWBndryDots		Right of Way\Boundaries\HighwayRWBndryDots	83	RW_BD_HighwayRWBndryDots	2
	HighwayRWBndryPSE		Right of Way\Boundaries\HighwayRWBndryPSE	19	0	5
	LAccessFloatingLTNew		Right of Way\Boundaries\LAccessFloatingLTNew	35	RW_BD_LAccessFloatingLTNew	2
	LAccessFloatingRTNew		Right of Way\Boundaries\LAccessFloatingRTNew	35	RW_BD_LAccessFloatingRTNew	2
	LAccessProposedRWLT		Right of Way\Boundaries\LAccessProposedRWLT	35	RW_BD_LAccessProposedRWLT	5
	LAccessProposedRWRT		Right of Way\Boundaries\LAccessProposedRWRT	35	RW_BD_LAccessProposedRWRT	5
	RRRWBndry		Right of Way\Boundaries\RRRWBndry	147	RW_BD_RRRWBndry	2
Easements and Permits						
	EsmntLineNew		Right of Way\Easements and Permits\EsmntLineNew	3	0	3
	PermitLineNew		Right of Way\Easements and Permits\PermitLineNew	67	0	3
	RailroadLine1		Right of Way\Easements and Permits\RailroadLine1	51	RW_ES_RailroadLine1	3
	RailroadLine2		Right of Way\Easements and Permits\RailroadLine2	51	RW_ES_RailroadLine2	3
	RailroadLine3		Right of Way\Easements and Permits\RailroadLine3	51	RW_ES_RailroadLine3	3
	RailroadLine4		Right of Way\Easements and Permits\RailroadLine4	51	RW_ES_RailroadLine4	3
	RailroadLine5		Right of Way\Easements and Permits\RailroadLine5	51	RW_ES_RailroadLine5	3
	RailroadLine6		Right of Way\Easements and Permits\RailroadLine6	51	RW_ES_RailroadLine6	3
	RailroadLine7		Right of Way\Easements and Permits\RailroadLine7	51	RW_ES_RailroadLine7	3
	RailroadLine8		Right of Way\Easements and Permits\RailroadLine8	51	RW_ES_RailroadLine8	3
	RailroadLine9		Right of Way\Easements and Permits\RailroadLine9	51	RW_ES_RailroadLine9	3
	SubterraneanEsmntLineNew		Right of Way\Easements and Permits\SubterraneanEsmntLineNew	99	0	3
	TempConstrEsmntLineNew		Right of Way\Easements and Permits\TempConstrEsmntLineNew	131	0	3
Government Boundaries						
	ControlSection		Right of Way\Government Boundaries\ControlSection	51	0	0
	CorpLimitLine		Right of Way\Government Boundaries\CorpLimitLine	19	RW_GB_CorpLimitLine	5
	CountyLine		Right of Way\Government Boundaries\CountyLine	51	RW_GB_CountyLine	5
	ForestBndry		Right of Way\Government Boundaries\ForestBndry	83	RW_GB_ForestBndry	4
	ParkBndry		Right of Way\Government Boundaries\ParkBndry	115	RW_GB_ParkBndry	4
	ReservationBndry		Right of Way\Government Boundaries\ReservationBndry	147	RW_GB_ReservationBndry	4

S5.03 PS&E Feature Definitions

The listing below provides a complete list of standard PS&E Feature Definitions by path/category. Feature Definitions include associated groups of annotation, symbology, and element attribute information.

Listed color, line style, and line weight are the default bylevel attributes for the root Element Template. All elements shall be assigned a feature definition unless one is not available. In that case see S5.04 for the PS&E standard element template list.

Path	Feature Definition Name	Description	Default/Root Element Template	Color	Line Style	Line Weight
Linear						
Right of Way						
Government Boundaries						
	StateBndry		Right of Way\Government Boundaries\StateBndry	19	RW_GB_StateBndry	5
Parcels						
	SetbackLine		Right of Way\Parcels\SetbackLine	19	2	0
Section Info						
	QuarterSectionLine		Right of Way\Section Info\QuarterSectionLine	51	RW_SC_QuarterSectionLine	3
	RangeLine		Right of Way\Section Info\RangeLine	115	0	5
	SectionLine		Right of Way\Section Info\SectionLine	19	RW_SC_SectionLine	4
	TownshipLine		Right of Way\Section Info\TownshipLine	147	0	5
Roadway						
Barrier						
	BarrierCenter		Roadway\Barrier\BarrierCenter	29	RD_BR_BarrierCenter	0
	BarrierCenterNew		Roadway\Barrier\BarrierCenterNew	13	RD_BR_BarrierCenterNew	0
	BarrierCenterTemporary		Roadway\Barrier\BarrierCenterTemporary	13	RD_BR_BarrierCenterTemporary	0
	BarrierFace		Roadway\Barrier\BarrierFace	61	0	0
	BarrierFaceBridge		Roadway\Barrier\BarrierFaceBridge	61	0	0
	BarrierFaceBridgeNew		Roadway\Barrier\BarrierFaceBridgeNew	45	0	0
	BarrierFaceNew		Roadway\Barrier\BarrierFaceNew	45	0	0
	BarrierFaceTunnel		Roadway\Barrier\BarrierFaceTunnel	61	0	0
	BarrierFaceTunnelNew		Roadway\Barrier\BarrierFaceTunnelNew	45	0	0
	BarrierTop		Roadway\Barrier\BarrierTop	0	0	0
	BarrierTopBridge		Roadway\Barrier\BarrierTopBridge	61	0	0
	BarrierTopBridgeNew		Roadway\Barrier\BarrierTopBridgeNew	45	0	0
	BarrierTopNew		Roadway\Barrier\BarrierTopNew	45	0	0
	BarrierTopTunnel		Roadway\Barrier\BarrierTopTunnel	61	0	0
	BarrierTopTunnelNew		Roadway\Barrier\BarrierTopTunnelNew	45	0	0
	CableBarrier		Roadway\Barrier\CableBarrier	125	RD_BR_CableBarrier	0
	CableBarrierNew		Roadway\Barrier\CableBarrierNew	109	RD_BR_CableBarrierNew	0
	Fence		Roadway\Barrier\Fence	157	RD_BR_Fence	0
	FenceNew		Roadway\Barrier\FenceNew	141	RD_BR_FenceNew	0
	Guardrail		Roadway\Barrier\Guardrail	125	RD_BR_Guardrail	0
	GuardrailBridge		Roadway\Barrier\GuardrailBridge	157	5	1
	GuardrailBridgeNew		Roadway\Barrier\GuardrailBridgeNew	141	5	1
	GuardrailNew		Roadway\Barrier\GuardrailNew	109	RD_BR_GuardrailNew	0
	GuardrailTunnel		Roadway\Barrier\GuardrailTunnel	157	5	1
	GuardrailTunnelNew		Roadway\Barrier\GuardrailTunnelNew	141	5	1
Berm						

S5.03 PS&E Feature Definitions

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Listed color, line style, and line weight are the default bylevel attributes for the root Element Template. All elements shall be assigned a feature definition unless one is not available. In that case see S5.04 for the PS&E standard element template list.

Path	Feature Definition Name	Description	Default/Root Element Template	Color	Line Style	Line Weight
Linear						
Roadway						
Berm						
	AsphaltBerm		Roadway\Berm\AsphaltBerm	61	0	0
	NoiseBerm		Roadway\Berm\NoiseBerm	61	0	0
	NoiseBermNew		Roadway\Berm\NoiseBermNew	45	0	3
Curb-Gutter-Sidewalk						
	CurbAndGutter		Roadway\Curb-Gutter-Sidewalk\CurbAndGutter	29	4	0
	CurbAndGutterNew		Roadway\Curb-Gutter-Sidewalk\CurbAndGutterNew	13	0	1
	CurbAsphaltFace		Roadway\Curb-Gutter-Sidewalk\CurbAsphaltFace	61	0	0
	CurbAsphaltFaceNew		Roadway\Curb-Gutter-Sidewalk\CurbAsphaltFaceNew	45	0	1
	CurbBack		Roadway\Curb-Gutter-Sidewalk\CurbBack	61	4	0
	CurbBackNew		Roadway\Curb-Gutter-Sidewalk\CurbBackNew	45	0	0
	CurbBotBackNew		Roadway\Curb-Gutter-Sidewalk\CurbBotBackNew	45	0	0
	CurbBotFrontNew		Roadway\Curb-Gutter-Sidewalk\CurbBotFrontNew	45	0	0
	CurbCSBCBackNew		Roadway\Curb-Gutter-Sidewalk\CurbCSBCBackNew	13	0	0
	CurbCSBCFrontNew		Roadway\Curb-Gutter-Sidewalk\CurbCSBCFrontNew	13	0	0
	CurbFace		Roadway\Curb-Gutter-Sidewalk\CurbFace	61	4	0
	CurbFaceBridge		Roadway\Curb-Gutter-Sidewalk\CurbFaceBridge	93	5	1
	CurbFaceNew		Roadway\Curb-Gutter-Sidewalk\CurbFaceNew	45	0	1
	CurbFaceTunnel		Roadway\Curb-Gutter-Sidewalk\CurbFaceTunnel	93	5	1
	CurbFaceTunnelNew		Roadway\Curb-Gutter-Sidewalk\CurbFaceTunnelNew	45	0	1
	CurbTop		Roadway\Curb-Gutter-Sidewalk\CurbTop	61	4	0
	CurbTopBackNew		Roadway\Curb-Gutter-Sidewalk\CurbTopBackNew	45	0	0
	CurbTopBridge		Roadway\Curb-Gutter-Sidewalk\CurbTopBridge	61	4	0
	CurbTopBridgeNew		Roadway\Curb-Gutter-Sidewalk\CurbTopBridgeNew	45	0	1
	CurbTopNew		Roadway\Curb-Gutter-Sidewalk\CurbTopNew	45	0	1
	CurbTopTunnel		Roadway\Curb-Gutter-Sidewalk\CurbTopTunnel	61	4	0
	CurbTopTunnelNew		Roadway\Curb-Gutter-Sidewalk\CurbTopTunnelNew	45	0	1
	CurbTrafficIsFaceBridge		Roadway\Curb-Gutter-Sidewalk\CurbTrafficIsFaceBridge	93	4	0
	CurbTrafficIsFaceTunnel		Roadway\Curb-Gutter-Sidewalk\CurbTrafficIsFaceTunnel	93	4	0
	CurbTrafficIsFceBridgeNew		Roadway\Curb-Gutter-Sidewalk\CurbTrafficIsFceBridgeNew	77	0	0
	CurbTrafficIsFceTunnelNew		Roadway\Curb-Gutter-Sidewalk\CurbTrafficIsFceTunnelNew	77	0	0
	CurbTrafficIslandFace		Roadway\Curb-Gutter-Sidewalk\CurbTrafficIslandFace	93	4	0
	CurbTrafficIslandFaceNew		Roadway\Curb-Gutter-Sidewalk\CurbTrafficIslandFaceNew	77	0	0
	CurbWoodenFace		Roadway\Curb-Gutter-Sidewalk\CurbWoodenFace	125	4	0
	CurbWoodenFaceNew		Roadway\Curb-Gutter-Sidewalk\CurbWoodenFaceNew	109	4	0
	DetectableWarningSurface		Roadway\Curb-Gutter-Sidewalk\DetectableWarningSurface	125	0	0

S5.03 PS&E Feature Definitions

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Path	*Feature Definition Name*	*Description*	*Default/Root Element Template*	*Color*	*Line Style*	*Line Weight*
Linear						
Roadway						
Curb-Gutter-Sidewalk						
	ExtrudedCurb		Roadway\Curb-Gutter-Sidewalk\ExtrudedCurb	61	4	0
	ExtrudedCurbNew		Roadway\Curb-Gutter-Sidewalk\ExtrudedCurbNew	45	0	1
	GutterFace		Roadway\Curb-Gutter-Sidewalk\GutterFace	157	4	0
	GutterFaceNew		Roadway\Curb-Gutter-Sidewalk\GutterFaceNew	141	0	1
	Joint		Roadway\Curb-Gutter-Sidewalk\Joint	93	5	0
	JointNew		Roadway\Curb-Gutter-Sidewalk\JointNew	45	0	1
	Sidewalk		Roadway\Curb-Gutter-Sidewalk\Sidewalk	29	3	0
	SidewalkBack		Roadway\Curb-Gutter-Sidewalk\SidewalkBack	29	3	0
	SidewalkBackBottomNew		Roadway\Curb-Gutter-Sidewalk\SidewalkBackBottomNew	13	0	0
	SidewalkBackBridge		Roadway\Curb-Gutter-Sidewalk\SidewalkBackBridge	29	3	0
	SidewalkBackNew		Roadway\Curb-Gutter-Sidewalk\SidewalkBackNew	13	0	0
	SidewalkBackTunnel		Roadway\Curb-Gutter-Sidewalk\SidewalkBackTunnel	29	3	0
	SidewalkBrick		Roadway\Curb-Gutter-Sidewalk\SidewalkBrick	29	3	0
	SidewalkBrickNew		Roadway\Curb-Gutter-Sidewalk\SidewalkBrickNew	13	0	1
	SidewalkBridge		Roadway\Curb-Gutter-Sidewalk\SidewalkBridge	29	3	0
	SidewalkBridgeNew		Roadway\Curb-Gutter-Sidewalk\SidewalkBridgeNew	13	0	1
	SidewalkBufferStripNew		Roadway\Curb-Gutter-Sidewalk\SidewalkBufferStripNew	13	0	1
	SidewalkFace		Roadway\Curb-Gutter-Sidewalk\SidewalkFace	29	3	0
	SidewalkFaceBottomNew		Roadway\Curb-Gutter-Sidewalk\SidewalkFaceBottomNew	13	0	0
	SidewalkFaceNew		Roadway\Curb-Gutter-Sidewalk\SidewalkFaceNew	13	0	1
	SidewalkNew		Roadway\Curb-Gutter-Sidewalk\SidewalkNew	13	0	1
	SidewalkRamp		Roadway\Curb-Gutter-Sidewalk\SidewalkRamp	61	4	0
	SidewalkRampNew		Roadway\Curb-Gutter-Sidewalk\SidewalkRampNew	13	0	1
	SidewalkTunnel		Roadway\Curb-Gutter-Sidewalk\SidewalkTunnel	29	3	0
	SidewalkTunnelNew		Roadway\Curb-Gutter-Sidewalk\SidewalkTunnelNew	13	0	1
Edges						
	AsphaltPvmntBreak		Roadway\Edges\AsphaltPvmntBreak	154	0	0
	BackBoneOnly		Roadway\Edges\BackBoneOnly	191	2	1
	BankBottomNew		Roadway\Edges\BankBottomNew	142	0	0
	BankTopNew		Roadway\Edges\BankTopNew	110	0	0
	BenchNew		Roadway\Edges\BenchNew	154	2	0
	BikePathEdge		Roadway\Edges\BikePathEdge	157	2	0
	BikePathEdgeNew		Roadway\Edges\BikePathEdgeNew	141	0	1
	ClearZoneInventoryBndry		Roadway\Edges\ClearZoneInventoryBndry	61	RD_ED_ClearZoneInventoryBndry	0
	ConcretePvmntBreak		Roadway\Edges\ConcretePvmntBreak	154	0	0

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Listed color, line style, and line weight are the default bylevel attributes for the root Element Template. All elements shall be assigned a feature definition unless one is not available. In that case see S5.04 for the PS&E standard element template list.

Path	*Feature Definition Name*	*Description*	*Default/Root Element Template*	*Color*	*Line Style*	*Line Weight*
Linear Roadway Edges						
	ConstLimits		Roadway\Edges\ConstLimits	0	0	0
	CrownofRoad		Roadway\Edges\CrownofRoad	154	0	0
	CutBottom		Roadway\Edges\CutBottom	58	0	0
	CutLineNew		Roadway\Edges\CutLineNew	110	RD_ED_CutLineNew	0
	CutTop		Roadway\Edges\CutTop	58	0	0
	DrivewayEdge		Roadway\Edges\DrivewayEdge	125	2	0
	DrivewayEdgeNew		Roadway\Edges\DrivewayEdgeNew	109	0	1
	DrivewayGravelEdge		Roadway\Edges\DrivewayGravelEdge	125	5	0
	DrivewayGravelEdgeNew		Roadway\Edges\DrivewayGravelEdgeNew	109	0	0
	DrivewayPavedEdge		Roadway\Edges\DrivewayPavedEdge	125	2	0
	DrivewayPavedEdgeNew		Roadway\Edges\DrivewayPavedEdgeNew	109	0	0
	FillLineNew		Roadway\Edges\FillLineNew	142	RD_ED_FillLineNew	0
	FillToe		Roadway\Edges\FillToe	90	0	0
	FillTop		Roadway\Edges\FillTop	90	0	0
	GenericEdgeGravel		Roadway\Edges\GenericEdgeGravel	125	5	0
	GenericEdgeNew		Roadway\Edges\GenericEdgeNew	109	0	1
	GenericEdgePaved		Roadway\Edges\GenericEdgePaved	125	2	0
	InsidePavedShoulderNew		Roadway\Edges\InsidePavedShoulderNew	77	0	1
	LaneEdgeNew		Roadway\Edges\LaneEdgeNew	45	0	1
	MaintenanceAccessArea		Roadway\Edges\MaintenanceAccessArea	3	0	2
	MeasurementLimit		Roadway\Edges\MeasurementLimit	78	0	0
	MedianGrassBackBottomNew		Roadway\Edges\MedianGrassNew	109	0	0
	MedianGrassBackNew		Roadway\Edges\MedianGrassNew	109	0	0
	MedianGrassBottomNew		Roadway\Edges\MedianGrassNew	109	0	0
	MedianGrassTopNew		Roadway\Edges\MedianGrassNew	109	0	0
	MedianHMABackBottomNew		Roadway\Edges\MedianHMANew	109	0	0
	MedianHMABackNew		Roadway\Edges\MedianHMANew	109	0	0
	MedianHMABottomNew		Roadway\Edges\MedianHMANew	109	0	0
	MedianHMATopNew		Roadway\Edges\MedianHMANew	109	0	0
	PavedAreaNew		Roadway\Edges\PavedAreaNew	141	0	1
	PavedParkingAreaNew		Roadway\Edges\PavedParkingAreaNew	141	0	1
	PavementRemovalBndry		Roadway\Edges\PavementRemovalBndry	141	RD_ED_PavementRemovalBndry	2
	PavementRepairBndry		Roadway\Edges\PavementRepairBndry	141	RD_ED_PavementRepairBndry	2
	PedPathEdge		Roadway\Edges\PedPathEdge	157	2	0

S5.03 PS&E Feature Definitions

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Path	*Feature Definition Name*	*Description*	*Default/Root Element Template*	*Color*	*Line Style*	*Line Weight*
Linear						
Roadway						
Edges						
	PedPathEdgeNew		Roadway\Edges\PedPathEdgeNew	141	0	1
	PvmntBreakBridge		Roadway\Edges\PvmntBreakBridge	154	0	0
	PvmntBreakTunnel		Roadway\Edges\PvmntBreakTunnel	154	0	0
	RoadwayETWGravel		Roadway\Edges\RoadwayETWGravel	29	5	0
	RoadwayETWGravelNew		Roadway\Edges\RoadwayETWGravelNew	13	0	1
	RoadwayETWPaved		Roadway\Edges\RoadwayETWPaved	29	2	0
	RoadwayETWPavedNew		Roadway\Edges\RoadwayETWPavedNew	13	0	1
	Sawcut		Roadway\Edges\Sawcut	157	RD_ED_Sawcut	0
	SawcutNew		Roadway\Edges\SawcutNew	141	RD_ED_SawcutNew	0
	ShoulderBSTEdge		Roadway\Edges\ShoulderBSTEdge	93	2	0
	ShoulderGravelEdge		Roadway\Edges\ShoulderGravelEdge	93	5	0
	ShoulderGravelEdgeNew		Roadway\Edges\ShoulderGravelEdgeNew	77	0	1
	ShoulderPavedEdge		Roadway\Edges\ShoulderPavedEdge	93	2	0
	ShoulderPavedEdgeNew		Roadway\Edges\ShoulderPavedEdgeNew	77	0	1
	ShoulderWidenNew		Roadway\Edges\ShoulderWidenNew	77	0	1
	SlopeBreakNew		Roadway\Edges\SlopeBreakNew	77	0	1
	SlopeStakeLimitGenericNew		Roadway\Edges\SlopeStakeLimitGenericNew	78	0	0
	StressFracture		Roadway\Edges\StressFracture	154	0	0
Markings						
	CrosswalkBar10Ft		Roadway\Markings\Striping\CrosswalkBar10FtLane	29	RD_MK_LineCrossWalkBar10FtLane	4
	CrosswalkBar10FtNew		Roadway\Markings\Striping\CrosswalkBar10FtLaneNew	0	RD_MK_LineCrossWalkBar10FtLaneNew	4
	CrosswalkBar12Ft		Roadway\Markings\Striping\CrosswalkBar12FtLane	29	RD_MK_LineCrossWalkBar12FtLane	4
	CrosswalkBar12FtNew		Roadway\Markings\Striping\CrosswalkBar12FtLaneNew	0	RD_MK_LineCrossWalkBar12FtLaneNew	4
	LineBarrier		Roadway\Markings\Striping\LineBarrier	29	2	5
	LineBarrierNew		Roadway\Markings\Striping\LineBarrierNew	0	RD_MK_LineBarrierNew	5
	LineCrosswalk		Roadway\Markings\Striping\LineCrosswalk	29	2	4
	LineCrosswalkNew		Roadway\Markings\Striping\LineCrosswalkNew	0	0	4
	LineDblLane		Roadway\Markings\Striping\LineDblLane	29	RD_MK_LineDouble	0
	LineDblLaneNew		Roadway\Markings\Striping\LineDblLaneNew	0	RD_MK_LineDoubleNew	2
	LineDblYellowCenter		Roadway\Markings\Striping\LineDblYellowCenter	29	RD_MK_LineDouble	0
	LineDblYellowCenterNew		Roadway\Markings\Striping\LineDblYellowCenterNew	4	RD_MK_LineDoubleNew	2
	LineDottedExtension		Roadway\Markings\Striping\LineDottedExtension	29	5	1
	LineDottedExtensionNew		Roadway\Markings\Striping\LineDottedExtensionNew	0	RD_MK_LineDottedExtNew	2
	LineDottedWide		Roadway\Markings\Striping\LineDottedWide	29	5	3
	LineDottedWideNew		Roadway\Markings\Striping\LineDottedWideNew	0	RD_MK_LineWideDottedLaneNew	3

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Path	Feature Definition Name	Description	Default/Root Element Template	Color	Line Style	Line Weight
Linear						
Roadway						
Markings						
	LineDropLane		Roadway\Markings\Striping\LineDropLane	29	2	1
	LineDropLaneNew		Roadway\Markings\Striping\LineDropLaneNew	0	RD_MK_LineDottedExtNew	2
	LineEdgeWhite		Roadway\Markings\Striping\LineEdgeWhite	29	RD_MK_LineSolid	1
	LineEdgeWhiteNew		Roadway\Markings\Striping\LineEdgeWhiteNew	0	RD_MK_LineSolidNew	2
	LineEdgeYellow		Roadway\Markings\Striping\LineEdgeYellow	29	RD_MK_LineSolid	1
	LineEdgeYellowNew		Roadway\Markings\Striping\LineEdgeYellowNew	4	RD_MK_LineSolidNew	2
	LineGeneric		Roadway\Markings\Striping\LineGeneric	29	3	1
	LineGenericNew		Roadway\Markings\Striping\LineGenericNew	0	0	2
	LineLane		Roadway\Markings\Striping\LineLane	29	RD_MK_LineSkipCenter	1
	LineLaneNew		Roadway\Markings\Striping\LineLaneNew	0	RD_MK_LineSkipCenterNew	2
	LineNoPass		Roadway\Markings\Striping\LineNoPass	29	RD_MK_LineSkipNoPass	1
	LineNoPassNew		Roadway\Markings\Striping\LineNoPassNew	4	RD_MK_LineSkipNoPassNew	2
	LineReversibleLane		Roadway\Markings\Striping\LineReversibleLane	29	RD_MK_LineSkipRev	1
	LineReversibleLaneNew		Roadway\Markings\Striping\LineReversibleLaneNew	4	RD_MK_LineSkipRevNew	2
	LineRPMSkip		Roadway\Markings\Striping\LineRPMSkip	29	RD_MK_LineRPMLane	1
	LineRPMSkipNew		Roadway\Markings\Striping\LineRPMSkipNew	0	RD_MK_LineRPMLaneNew	2
	LineRPMSolid		Roadway\Markings\Striping\LineRPMSolid	29	RD_MK_LineRPMSolid	1
	LineRPMSolidNew		Roadway\Markings\Striping\LineRPMSolidNew	0	RD_MK_LineRPMSolidNew	2
	LineSkipCenter		Roadway\Markings\Striping\LineSkipCenter	29	RD_MK_LineSkipCenter	1
	LineSkipCenterNew		Roadway\Markings\Striping\LineSkipCenterNew	4	RD_MK_LineSkipCenterNew	2
	LineSkipWide		Roadway\Markings\Striping\LineSkipWide	29	RD_MK_LineWideSkip	3
	LineSkipWideNew		Roadway\Markings\Striping\LineSkipWideNew	0	RD_MK_LineWideSkipNew	3
	LineStop		Roadway\Markings\Striping\LineStop	29	2	4
	LineStopNew		Roadway\Markings\Striping\LineStopNew	0	RD_MK_StopNew	4
	LineTwoWayLTTurn		Roadway\Markings\Striping\LineTwoWayLTTurn	29	RD_MK_LineSkipNoPass	1
	LineTwoWayLTTurnNew		Roadway\Markings\Striping\LineTwoWayLTTurnNew	4	RD_MK_LineSkipNoPassNew	2
	LineWide		Roadway\Markings\Striping\LineWide	29	2	3
	LineWideDottedRACircLane		Roadway\Markings\Striping\LineWideDottedRACircLane	29	RD_MK_LineRAWideDottedCirc	3
	LineWideDottedRACircLaneNew		Roadway\Markings\Striping\LineWideDottedRACircLaneNew	0	RD_MK_LineRAWideDottedCircNew	3
	LineWideDottedRAEntry		Roadway\Markings\Striping\LineWideDottedRAEntry	29	RD_MK_LineRAWideDottedEntry	3
	LineWideDottedRAEntryNew		Roadway\Markings\Striping\LineWideDottedRAEntryNew	0	RD_MK_LineRAWideDottedEntryNew	3
	LineWideDottedRAExtenNew		Roadway\Markings\Striping\LineWideDottedRAExtenNew	0	RD_MK_LineWideDottedExt	3
	LineWideDottedRAExtension		Roadway\Markings\Striping\LineWideDottedRAExtension	29	RD_MK_LineWideDottedExtNew	3
	LineWideNew		Roadway\Markings\Striping\LineWideNew	0	RD_MK_LineWide	3
Sheet						

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Path	Feature Definition Name	Description	Default/Root Element Template	Color	Line Style	Line Weight
Linear						
Sheet						
ViewManagement						
	ClippingShape		Sheet\View Management\Clipping Shape	0	0	0
Site						
Alignment						
	CLineDriveway		Site\Alignment\CLineDriveway	1	7	1
Boundaries						
	BuildingBoundary		Site\Boundaries\BuildingBoundary	3	0	3
	BuildingSetback		Site\Boundaries\BuildingSetback	7	2	1
	DrivewayBoundary		Site\Boundaries\DrivewayBoundary	6	0	4
	DrivewayBoundaryConnection		Site\Boundaries\DrivewayBoundaryConnection	3	0	2
	LimitsofDisturbance		Site\Boundaries\LimitsofDisturbance	3	0	3
	PadBoundary		Site\Boundaries\PadBoundary	2	0	2
	ParkingBoundary		Site\Boundaries\ParkingBoundary	9	0	2
	ParkingSetback		Site\Boundaries\ParkingSetback	1	2	0
	PathBoundary		Site\Boundaries\PathBoundary	0	0	0
	PavementBoundary		Site\Boundaries\PavementBoundary	0	0	1
	SidewalkBoundary		Site\Boundaries\SidewalkBoundary	3	0	0
Grading						
	BorrowArea		Site\Grading\BorrowArea	3	3	0
	ConstraintArea		Site\Grading\ConstraintArea	4	1	0
	ConstraintDirection		Site\Grading\ConstraintDirection	4	1	0
	FillGrading		Site\Grading\FillGrading	1	3	0
	ParkingArea		Site\Grading\ParkingArea	2	0	1
Parking						
	Median		Site\Parking\Median	0	0	0
	ParkingIsland		Site\Parking\ParkingIsland	2	0	0
	ParkingLot		Site\Parking\ParkingLot	0	0	0
	ParkingOnSide		Site\Parking\ParkingOnSide	0	0	0
	ParkingSpace		Site\Parking\ParkingSpace	9	0	0
Structures						
Bridges						
	BackofPvmntSeat		Structures\Bridges\BackofPvmntSeat	151	0	0
	BackofPvmntSeatNew		Structures\Bridges\BackofPvmntSeatNew	7	0	2
	BearingCenterLineNew		Structures\Bridges\BearingCenterLineNew	3	4	1
	Bridge		Structures\Bridges\Bridge	23	6	0
	BridgeApproachSlab		Structures\Bridges\BridgeApproachSlab	151	5	1
	BridgeApproachSlabNew		Structures\Bridges\BridgeApproachSlabNew	135	0	2

S5.03 PS&E Feature Definitions

The listing below provides a complete list of standard PS&E Feature Definitions by path/category. Feature Definitions include associated groups of annotation, symbology, and element attribute information.

Listed color, line style, and line weight are the default bylevel attributes for the root Element Template. All elements shall be assigned a feature definition unless one is not available. In that case see S5.04 for the PS&E standard element template list.

Path	*Feature Definition Name*	*Description*	*Default/Root Element Template*	*Color*	*Line Style*	*Line Weight*
Linear Structures Bridges						
	BridgeCenterLine		Structures\Bridges\BridgeCenterLine	55	4	1
	BridgeCenterLineNew		Structures\Bridges\BridgeCenterLineNew	39	4	4
	BridgeDeckLimits		Structures\Bridges\BridgeDeckLimits	23	5	0
	BridgeExpansionJoint		Structures\Bridges\BridgeExpansionJoint	151	5	1
	BridgeFooting		Structures\Bridges\BridgeFooting	151	5	1
	BridgeFootingBottom		Structures\Bridges\BridgeFootingBottom	151	5	1
	BridgeFootingNew		Structures\Bridges\BridgeFootingNew	135	0	1
	BridgeGirder		Structures\Bridges\BridgeGirder	151	5	1
	BridgeGirderNew		Structures\Bridges\BridgeGirderNew	135	0	2
	BridgeGroutPad		Structures\Bridges\BridgeGroutPad	119	5	1
	BridgeGroutPadNew		Structures\Bridges\BridgeGroutPadNew	103	0	1
	BridgeNew		Structures\Bridges\BridgeNew	7	0	2
	BridgePier		Structures\Bridges\BridgePier	119	5	1
	BridgePierCapBottom		Structures\Bridges\BridgePierCapBottom	119	5	1
	BridgePierCapBottomNew		Structures\Bridges\BridgePierCapBottomNew	103	0	1
	BridgePierCapTop		Structures\Bridges\BridgePierCapTop	119	5	1
	BridgePierCapTopNew		Structures\Bridges\BridgePierCapTopNew	103	0	1
	BridgePierColumn		Structures\Bridges\BridgePierColumn	151	5	0
	BridgePierColumnNew		Structures\Bridges\BridgePierColumnNew	135	0	0
	BridgePierColumnTop		Structures\Bridges\BridgePierColumnTop	151	5	0
	BridgePierNew		Structures\Bridges\BridgePierNew	103	0	1
	BridgePile		Structures\Bridges\BridgePile	151	5	0
	BridgeRail		Structures\Bridges\BridgeRail	151	5	1
	BridgeRailNew		Structures\Bridges\BridgeRailNew	135	5	1
	BridgeShaft		Structures\Bridges\BridgeShaft	151	5	1
	BridgeSubStructure		Structures\Bridges\BridgeSubStructure	151	5	1
	BridgeSubStructureNew		Structures\Bridges\BridgeSubStructureNew	39	0	2
	BridgeSuperStructure		Structures\Bridges\BridgeSuperStructure	55	5	1
	BridgeSuperStructureNew		Structures\Bridges\BridgeSuperStructureNew	39	0	2
	ColumnCenterLineNew		Structures\Bridges\ColumnCenterLineNew	3	4	1
	DeckLimitsNew		Structures\Bridges\DeckLimitsNew	4	2	1
	PierCenterLineNew		Structures\Bridges\PierCenterLineNew	3	4	1
	QuarryBackfillNew		Structures\Bridges\QuarryBackfillNew	7	0	0
	QuarrySpallingNew		Structures\Bridges\QuarrySpallingNew	7	0	0

S5.03 PS&E Feature Definitions

The listing below provides a complete list of standard PS&E Feature Definitions by path/category. Feature Definitions include associated groups of annotation, symbology, and element attribute information.

Listed color, line style, and line weight are the default bylevel attributes for the root Element Template. All elements shall be assigned a feature definition unless one is not available. In that case see S5.04 for the PS&E standard element template list.

Path	*Feature Definition Name*	*Description*	*Default/Root Element Template*	*Color*	*Line Style*	*Line Weight*
Linear						
Structures						
Bridges						
	RRStructure		Structures\Bridges\RRStructure	119	6	0
	RRStructureNew		Structures\Bridges\RRStructureNew	103	0	2
	Structure		Structures\Bridges\Structure	55	5	0
	StructureNew		Structures\Bridges\StructureNew	39	0	2
Tunnels						
	Tunnel		Structures\Tunnels\Tunnel	87	5	0
	TunnelCenterLine		Structures\Tunnels\TunnelCenterLine	55	5	1
	TunnelCenterLineNew		Structures\Tunnels\TunnelCenterLineNew	39	5	1
	TunnelLimits		Structures\Tunnels\TunnelLimits	23	5	1
	TunnelLimitsNew		Structures\Tunnels\TunnelLimitsNew	7	5	1
	TunnelNew		Structures\Tunnels\TunnelNew	71	0	2
	TunnelRail		Structures\Tunnels\TunnelRail	151	5	1
	TunnelRailNew		Structures\Tunnels\TunnelRailNew	135	5	1
	TunnelSupportColumn		Structures\Tunnels\TunnelSupportColumn	151	5	0
	TunnelSupportColumnNew		Structures\Tunnels\TunnelSupportColumnNew	135	0	0
Walls						
	GabionWall		Structures\Walls\GabionWall	55	ST_WA_GabionWall	1
	GabionWallBottom		Structures\Walls\GabionWallBottom	55	5	1
	GabionWallNew		Structures\Walls\GabionWallNew	39	ST_WA_GabionWallNew	0
	GabionWallTop		Structures\Walls\GabionWallTop	55	5	1
	NoiseWall		Structures\Walls\NoiseWall	87	ST_WA_NoiseWall	1
	NoiseWallBottom		Structures\Walls\NoiseWallBottom	87	5	1
	NoiseWallBottomNew		Structures\Walls\NoiseWallBottomNew	71	0	0
	NoiseWallFooting		Structures\Walls\NoiseWallFooting	87	5	0
	NoiseWallFootingNew		Structures\Walls\NoiseWallFootingNew	71	0	0
	NoiseWallNew		Structures\Walls\NoiseWallNew	71	ST_WA_NoiseWallNew	0
	NoiseWallTop		Structures\Walls\NoiseWallTop	87	5	1
	NoiseWallTopNew		Structures\Walls\NoiseWallTopNew	71	0	0
	RetainingWall		Structures\Walls\RetainingWall	23	ST_WA_RetainingWall	0
	RetainingWallBottom		Structures\Walls\RetainingWallBottom	23	5	1
	RetainingWallBottomNew		Structures\Walls\RetainingWallBottomNew	7	0	0
	RetainingWallFooting		Structures\Walls\RetainingWallFooting	23	5	0
	RetainingWallFootingNew		Structures\Walls\RetainingWallFootingNew	7	0	0
	RetainingWallNew		Structures\Walls\RetainingWallNew	7	ST_WA_RetainingWallNew	0
	RetainingWallTop		Structures\Walls\RetainingWallTop	23	5	1

S5.03 PS&E Feature Definitions

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Path	*Feature Definition Name*	*Description*	*Default/Root Element Template*	*Color*	*Line Style*	*Line Weight*
Linear						
Structures						
Walls						
	RetainingWallTopNew		Structures\Walls\RetainingWallTopNew	7	0	0
	WallGutter		Structures\Walls\WallGutter	55	5	0
	WallGutterNew		Structures\Walls\WallGutterNew	39	0	0
Surface						
	ATB		Surface\ATB	6	0	0
	CCP		Surface\CCP	96	0	2
	CG		Surface\CG	96	0	2
	Concrete	Concrete	Surface\Concrete	64	0	1
	CSBC		Surface\CSBC	48	0	2
	CSTC		Surface\CSTC	32	0	0
	Grass		Surface\Grass	161	0	2
	GravelBackfillForPZB		Surface\GravelBackfillForPZB	112	0	0
	GravelCap		Surface\GravelCap	48	0	0
	HMA		Surface\HMA	128	0	1
	HMA_LC		Surface\HMA_LC	79	0	2
	HMA_WC		Surface\HMA_WC	47	0	2
	Material1		Surface\Material1	8	0	0
	Material2		Surface\Material2	9	0	0
	Material3		Surface\Material3	10	0	0
	Material4		Surface\Material4	5	0	0
	Material5		Surface\Material5	14	0	0
	PipeZoneBackfill		Surface\PipeZoneBackfill	48	0	0
	RockCap		Surface\RockCap	13	0	0
	Soil	Soil	Surface\Soil	46	0	0
	Subgrade		Surface\Subgrade	7	0	0
	TrenchWall		Surface\TrenchWall	110	0	0
	UnsuitableMaterial		Surface\UnsuitableMaterial	4	0	0
Terrain						
Contours						
	IndexContours		Terrain\Contours\IndexContours	30	3	4
	IndexContoursNew		Terrain\Contours\IndexContoursNew	14	0	4
	IntermediateContours		Terrain\Contours\IntermediateContours	62	3	0
	IntermediateContoursNew		Terrain\Contours\IntermediateContoursNew	46	0	0
Drainage						
	Pond		Terrain\Drainage\Pond	7	0	2

S5.03 PS&E Feature Definitions

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Path	*Feature Definition Name*	*Description*	*Default/Root Element Template*	*Color*	*Line Style*	*Line Weight*
Linear						
Terrain						
Existing						
	Breakline		Terrain\Existing\Breakline	26	0	0
	ContourImported		Terrain\Existing\ContourImported	80	3	0
	ExteriorBoundary		Terrain\Existing\ExteriorBoundary	0	3	0
	TransverseFeature		Terrain\Existing\TransverseFeature	154	0	0
New						
	BreaklineNew		Terrain\New\BreaklineNew	10	0	0
	ExteriorBoundaryNew		Terrain\New\ExteriorBoundaryNew	0	0	0
Topography						
Manmade						
	AreaUnderConstr		Topography\Manmade\AreaUnderConstr	126	0	0
	Bench		Topography\Manmade\Bench	126	2	0
	BldgClosed		Topography\Manmade\BldgClosed	126	0	0
	BldgNotClosed		Topography\Manmade\BldgNotClosed	126	0	0
	BldgRoof		Topography\Manmade\BldgRoof	126	0	0
	BldgUnderConst		Topography\Manmade\BldgUnderConst	126	0	0
	BldgUnderConstClosed		Topography\Manmade\BldgUnderConstClosed	126	0	0
	BldgUnderConstNotClosed		Topography\Manmade\BldgUnderConstNotClosed	126	0	0
	BldgUnderConstOpen		Topography\Manmade\BldgUnderConstOpen	126	0	0
	Canal		Topography\Manmade\Canal	126	0	3
	ClearGrubLineNew		Topography\Manmade\ClearGrubLineNew	110	TP_MM_ClearGrubLineNew	0
	ClearLineNew		Topography\Manmade\ClearLineNew	110	TP_MM_ClearLineNew	0
	ConcreteSlab		Topography\Manmade\ConcreteSlab	126	2	0
	ConcreteSlopeProtection		Topography\Manmade\ConcreteSlopeProtection	126	0	0
	Dam		Topography\Manmade\Dam	126	0	10
	Deck		Topography\Manmade\Deck	126	2	0
	Dike		Topography\Manmade\Dike	126	0	10
	DistanceTie		Topography\Manmade\DistanceTie	30	0	1
	Dock		Topography\Manmade\Dock	126	0	0
	FieldLine		Topography\Manmade\FieldLine	158	3	1
	Foundation		Topography\Manmade\Foundation	126	2	0
	GravelParkingArea		Topography\Manmade\GravelParkingArea	62	2	0
	GrubLineNew		Topography\Manmade\GrubLineNew	110	TP_MM_GrubLineNew	0
	HandRail		Topography\Manmade\HandRail	126	2	0
	Hedge		Topography\Manmade\Hedge	126	TP_MM_Hedge	0
	ImpactAreaLineLT		Topography\Manmade\ImpactAreaLineLT	110	TP_MM_ImpactAreaLineLT	1

S5.03 PS&E Feature Definitions

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Path	*Feature Definition Name*	*Description*	*Default/Root Element Template*	*Color*	*Line Style*	*Line Weight*
Linear						
Topography						
Manmade						
	ImpactAreaLineRT		Topography\Manmade\ImpactAreaLineRT	110	TP_MM_ImpactAreaLineRT	1
	NavigationChannel	NavigationChannel	Topography\Manmade\NavigationChannel	126	0	2
	OrchardOrVineyard		Topography\Manmade\OrchardOrVineyard	126	TP_MM_OrchardOrVineyard	1
	Patio		Topography\Manmade\Patio	126	2	0
	PavedArea		Topography\Manmade\PavedArea	94	2	0
	PavedParkingArea		Topography\Manmade\PavedParkingArea	94	2	0
	Pipe		Topography\Manmade\Pipe	126	3	0
	QuarryBndry		Topography\Manmade\Pipe	126	3	0
	Reservoir		Topography\Manmade\Reservoir	126	0	3
	RipRapEdge		Topography\Manmade\RipRapEdge	126	0	0
	RRCenterTracks		Topography\Manmade\RRCenterTracks	62	TP_MM_RRCenterTracks	2
	RRRailTop		Topography\Manmade\RRRailTop	62	0	1
	Ruins		Topography\Manmade\Ruins	126	0	2
	Stair		Topography\Manmade\Stair	126	2	0
	StockpileBottom		Topography\Manmade\StockpileBottom	126	2	0
	StockpileTop		Topography\Manmade\StockpileTop	126	2	0
	Structure		Structures\Bridges\Structure	55	5	0
	TankLine		Topography\Manmade\TankLine	126	2	2
	Trail		Topography\Manmade\Trail	126	0	0
	UnknownLinearObject		Topography\Manmade\UnknownLinearObject	126	2	2
	VentGrate		Topography\Manmade\VentGrate	126	0	0
	WaterwayChannel		Topography\Manmade\WaterwayChannel	126	0	2
	Weir		Topography\Manmade\Weir	18	0	1
Natural						
	BankBottom		Topography\Natural\BankBottom	154	0	0
	BanksLineForPlotting		Topography\Natural\BanksLineForPlotting	154	0	0
	BankTop		Topography\Natural\BankTop	154	0	0
	BrushLine		Topography\Natural\BrushLine	30	TP_NT_BrushLine	0
	ChannelBreakline		Topography\Natural\ChannelBreakline	30	0	1
	Forest		Topography\Natural\Forest	94	TP_NT_Forest	0
	HighWaterLine		Topography\Natural\HighWaterLine	30	0	3
	IntermittentStream		Topography\Natural\IntermittentStream	94	0	0
	LakeEdge		Topography\Natural\LakeEdge	1	2	3
	LargeBodyofWaterEdge		Topography\Natural\LargeBodyofWaterEdge	1	2	3
	Log		Topography\Natural\Log	30	0	0

S5.03 PS&E Feature Definitions

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Path	*Feature Definition Name*	*Description*	*Default/Root Element Template*	*Color*	*Line Style*	*Line Weight*
Linear						
Topography						
Natural						
	MarshEdge		Topography\Natural\MarshEdge	1	2	3
	NonStandard		Topography\Natural\NonStandard	26	0	0
	ObscureArea		Topography\Natural\ObscureArea	122	0	0
	Obstruction		Topography\Natural\Obstruction	18	0	1
	PartiallyObscureArea		Topography\Natural\PartiallyObscureArea	122	0	0
	PondBottom		Topography\Natural\PondBottom	17	0	3
	PondEdge		Topography\Natural\PondEdge	1	2	3
	RiverEdge		Topography\Natural\RiverEdge	1	2	3
	Rock		Topography\Natural\Rock	154	0	0
	RockLine		Topography\Natural\RockLine	26	3	2
	StreamNonScalable		Topography\Natural\StreamNonScalable	126	0	3
	StreamScalableBottom		Topography\Natural\StreamScaleableBottom	17	2	3
	StreamScalableEdge		Topography\Natural\StreamScaleableEdge	17	2	3
	Thalweg		Topography\Natural\Thalweg	17	0	1
	TidalShorline		Topography\Natural\TidalShoreline	126	0	3
	TopographyLimit		Topography\Natural\TopographyLimit	122	0	0
	TopographyLimitClosed		Topography\Natural\TopographyLimitClosed	122	0	0
	TreeLine		Topography\Natural\TreeLine	94	TP_NT_TreeLine	0
	UnknownLinearObject		Topography\Manmade\UnknownLinearObject	126	2	2
	WaterBodyShading		Topography\Natural\WaterBodyShading	112	0	0
	WaterEdge		Topography\Natural\WaterEdge	1	2	3
Traffic						
Illumination						
	ConduitAndWiring		Traffic\Illumination\ConduitAndWiring	86	6	0
	ConduitAndWiringNew		Traffic\Illumination\ConduitAndWiringNew	70	6	2
Signals						
	ConduitAndWiring		Traffic\Illumination\ConduitAndWiring	86	6	0
	ConduitAndWiringNew		Traffic\Illumination\ConduitAndWiringNew	70	6	2
Signing						
	Barricade		Traffic\Signing\Barricade	22	0	1
Traffic Systems						
	ConduitAndWiringTS		Traffic\Traffic Systems\ConduitAndWiringTS	86	6	0
	ConduitAndWiringTSNew		Traffic\Traffic Systems\ConduitAndWiringTSNew	70	6	2
Work Zone						
	BarrierQuickMove		Traffic\Work Zone\BarrierQuickMove	102	TR_WZ_BarrierQuickMove	1
	ConcreteBarrierNew		Traffic\Work Zone\ConcreteBarrierNew	38	TR_WZ_ConcreteBarrierNew	1

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Path	*Feature Definition Name*	*Description*	*Default/Root Element Template*	*Color*	*Line Style*	*Line Weight*
Linear						
Traffic						
Work Zone						
	LongitudinalChanDevice		Traffic\Work Zone\LongitudinalChanDevice	38	TR_WZ_LongitudinalChanDevice	1
	PedestrianChanDevice		Traffic\Work Zone\PedChanDevice	38	TR_WZ_PedestrianChanDevice	1
Utilities						
Communication						
	AbvGndCableTV		Utilities\Communication\AbvGndCableTV	21	UT_CM_AbvGndCableTV	0
	AbvGndCableTVNew		Utilities\Communication\AbvGndCableTVNew	5	UT_CM_AbvGndCableTVNew	0
	AbvGndCommLine		Utilities\Communication\AbvGndCommLine	21	UT_CM_AbvGndCommLine	0
	AbvGndCommLineNew		Utilities\Communication\AbvGndCommLineNew	5	UT_CM_AbvGndCommLineNew	0
	AbvGndFiberOpticCable		Utilities\Communication\AbvGndFiberOpticCable	21	UT_CM_AbvGndFiberOpticCable	0
	AbvGndFiberOpticCableNew		Utilities\Communication\AbvGndFiberOpticCableNew	5	UT_CM_AbvGndFiberOpticCableNew	0
	AbvGndTelephoneLine		Utilities\Communication\AbvGndTelephoneLine	21	UT_CM_AbvGndTelephoneLine	0
	AbvGndTelephoneLineNew		Utilities\Communication\AbvGndTelephoneLineNew	5	UT_CM_AbvGndTelephoneLineNew	0
	UndGndCableTV		Utilities\Communication\UndGndCableTV	21	UT_CM_UndGndCableTV	0
	UndGndCableTVDeactive		Utilities\Communication\UndGndCableTVDeactive	21	UT_CM_UndGndCableTVDeactive	0
	UndGndCableTVNew		Utilities\Communication\UndGndCableTVNew	5	UT_CM_UndGndCableTVNew	0
	UndGndCommLine		Utilities\Communication\UndGndCommLine	21	UT_CM_UndGndCommLine	0
	UndGndCommLineNew		Utilities\Communication\UndGndCommLineNew	5	UT_CM_UndGndCommLineNew	0
	UndGndFiberOptic		Utilities\Communication\UndGndFiberOptic	21	UT_CM_UndGndFiberOptic	0
	UndGndFiberOpticDeactive		Utilities\Communication\UndGndFiberOpticDeactive	21	UT_CM_UndGndFiberOpticDeactive	0
	UndGndFiberOpticNew		Utilities\Communication\UndGndFiberOpticNew	5	UT_CM_UndGndFiberOpticNew	0
	UndGndTelephoneCable		Utilities\Communication\UndGndTelephoneCable	21	UT_CM_UndGndTelephoneCable	0
	UndGndTelephoneCableNew		Utilities\Communication\UndGndTelephoneCableNew	5	UT_CM_UndGndTelephoneCableNew	0
	UndGndTelephoneDeactive		Utilities\Communication\UndGndTelephoneDeactive	21	UT_CM_UndGndTelephoneDeactive	0
Gas						
	GasLine		Utilities\Gas\GasLine	53	UT_GS_GasLine	0
	GasLineDeactive		Utilities\Gas\GasLineDeactive	53	UT_GS_GasLineDeactive	0
	GasLineNew		Utilities\Gas\GasLineNew	37	UT_GS_GasLineNew	0
	OilLine		Utilities\Gas\OilLine	53	UT_GS_OilLine	0
	OilLineDeactive		Utilities\Gas\OilLineDeactive	53	UT_GS_OilLineDeactive	0
	OilLineNew		Utilities\Gas\OilLineNew	37	UT_GS_OilLineNew	0
General Utility Items						
	AboveGroundUtilityLine		Utilities\General Utility Items\AboveGroundUtilityLine	21	UT_GU_AboveGroundUtilityLine	0
	AboveGroundUtilityStructure		Utilities\General Utility Items\AboveGroundUtilityLine	21	UT_GU_AboveGroundUtilityLine	0
	GuyWire		Utilities\General Utility Items\GuyWire	21	0	0
	GuyWireNew		Utilities\General Utility Items\GuyWireNew	5	0	1

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Path	Feature Definition Name	Description	Default/Root Element Template	Color	Line Style	Line Weight
Linear						
Utilities						
General Utility Items						
	SpanWire		Utilities\General Utility Items\SpanWire	21	0	0
	UnderGndUtilityLine		Utilities\General Utility Items\UnderGndUtilityLine	21	0	0
	UnderGndUtilityStructure		Utilities\General Utility Items\UnderGndUtilityStructure	21	0	0
	UndGndUtilityLineDeactive		Utilities\General Utility Items\UndGndUtilityLineDeactive	21	UT_GU_UndGndUtilityLineDeactive	0
Multiple Types						
	AbvGndUtilitiesMulti		Utilities\Multiple Types\AbvGndUtilitiesMulti	149	UT_MT_AbvGndUtilitiesMulti	0
	AbvGndUtilitiesMultiNew		Utilities\Multiple Types\AbvGndUtilitiesMultiNew	133	UT_MT_AbvGndUtilitiesMultiNew	0
	AbvGndUtilMultDeactive		Utilities\Multiple Types\AbvGndUtilMultDeactive	149	UT_MT_AbvGndUtilMultDeactive	0
	UndGndUtilitiesMulti		Utilities\Multiple Types\UndGndUtilitiesMulti	149	UT_MT_UndGndUtilitiesMulti	0
	UndGndUtilitiesMultiNew		Utilities\Multiple Types\UndGndUtilitiesMultiNew	133	UT_MT_UndGndUtilitiesMultiNew	0
	UndGndUtilMultDeactive		Utilities\Multiple Types\UndGndUtilMultiDeactive	149	0	0
	UtilitiesMultiTypes1		Utilities\Multiple Types\UtilitiesMultiTypes1	149	UT_MT_UtilitiesMultiTypes1	0
	UtilitiesMultiTypes2		Utilities\Multiple Types\UtilitiesMultiTypes2	149	UT_MT_UtilitiesMultiTypes2	0
	UtilitiesMultiTypes3		Utilities\Multiple Types\UtilitiesMultiTypes3	149	UT_MT_UtilitiesMultiTypes3	0
	UtilitiesMultiTypes4		Utilities\Multiple Types\UtilitiesMultiTypes4	149	UT_MT_UtilitiesMultiTypes4	0
	UtilitiesMultiTypes5		Utilities\Multiple Types\UtilitiesMultiTypes5	149	UT_MT_UtilitiesMultiTypes5	0
	UtilitiesMultiTypes6		Utilities\Multiple Types\UtilitiesMultiTypes6	149	UT_MT_UtilitiesMultiTypes6	0
	UtilitiesMultiTypes7		Utilities\Multiple Types\UtilitiesMultiTypes7	149	UT_MT_UtilitiesMultiTypes7	0
	UtilitiesMultiTypes8		Utilities\Multiple Types\UtilitiesMultiTypes8	149	UT_MT_UtilitiesMultiTypes8	0
	UtilitiesMultiTypes9		Utilities\Multiple Types\UtilitiesMultiTypes9	149	UT_MT_UtilitiesMultiTypes9	0
Power						
	AbvGndHiTensPowerLine		Utilities\Power\AbvGndHiTensPowerLine	117	UT_PW_AbvGndHiTensPowerLine	0
	AbvGndHiTensPowerLineNew		Utilities\Power\AbvGndHiTensPowerLineNew	101	UT_PW_AbvGndHiTensPowerLineNew	0
	AbvGndPower		Utilities\Power\AbvGndPower	117	UT_PW_AbvGndPower	0
	AbvGndPowerNew		Utilities\Power\AbvGndPowerNew	101	UT_PW_AbvGndPowerNew	0
	SteamConduit		Utilities\Power\SteamConduit	117	2	0
	UndGndPowerLine		Utilities\Power\UndGndPowerLine	117	UT_PW_UndGndPowerLine	0
	UndGndPowerLineDeactive		Utilities\Power\UndGndPowerLineDeactive	117	UT_PW_UndGndPowerLineDeactive	0
	UndGndPowerLineNew		Utilities\Power\UndGndPowerLineNew	101	UT_PW_UndGndPowerLineNew	0
Sanitary Sewer						
	Drainfield		Utilities\Sanitary Sewer\Drainfield	149	3	1
	DrainfieldDeactive		Utilities\Sanitary Sewer\DrainfieldDeactive	149	UT_SS_DrainfieldDeactive	1
	DrainfieldNew		Utilities\Sanitary Sewer\DrainfieldNew	133	0	3
	ForceMain		Utilities\Sanitary Sewer\ForceMain	149	2	0
	SanSewerLine		Utilities\Sanitary Sewer\SanSewerLine	149	UT_SS_SanSewerLine	0

S5.03 PS&E Feature Definitions

The listing below provides a complete list of standard PS&E Feature Definitions by path/category. Feature Definitions include associated groups of annotation, symbology, and element attribute information.

Listed color, line style, and line weight are the default bylevel attributes for the root Element Template. All elements shall be assigned a feature definition unless one is not available. In that case see S5.04 for the PS&E standard element template list.

Path	*Feature Definition Name*	*Description*	*Default/Root Element Template*	*Color*	*Line Style*	*Line Weight*
Linear						
Utilities						
Sanitary Sewer						
	SanSewerLineDeactive		Utilities\Sanitary Sewer\SanSewerLine	149	UT_SS_SanSewerLine	0
	SanSewerLineNew		Utilities\Sanitary Sewer\SanSewerLine	149	UT_SS_SanSewerLine	0
	SanSewerStormCombo		Utilities\Sanitary Sewer\SanSewerStormCombo	149	3	0
Water						
	WaterLine		Utilities\Water\WaterLine	85	UT_WT_WaterLine	0
	WaterLineDeactive		Utilities\Water\WaterLineDeactive	85	UT_WT_WaterLineDeactive	0
	WaterLineNew		Utilities\Water\WaterLineNew	69	UT_WT_WaterLineNew	0
Mesh						
DNC						
	DNC		Roadway\Edges\DNC	0	0	0
Drainage						
Ditches						
	AsphaltDitch		Drainage\Ditches\AsphaltDitch	145	0	0
	AsphaltDitchNew		Drainage\Ditches\AsphaltDitchNew	129	0	2
	DitchBottom		Drainage\Ditches\DitchBottom	17	DR_PP_DitchBottom	1
	DitchBottomBack		Drainage\Ditches\DitchBottomBack	17	0	1
	DitchBottomBackNew		Drainage\Ditches\DitchBottomBackNew	1	0	1
	DitchBottomNew		Drainage\Ditches\DitchBottomNew	1	DR_PP_DitchBottomNew	1
	DitchBottomNoDir		Drainage\Ditches\DitchBottomNoDir	17	DR_PP_DitchBottomNoDir	1
Pipes						
	Culvert		Drainage\Pipes\Culvert	81	2	0
	CulvertNew		Drainage\Pipes\Culvert	81	2	0
	DrainPipe		Drainage\Pipes\DrainPipe	81	DR_PP_DrainPipe	0
	DrainPipeDeactive		Drainage\Pipes\DrainPipeDeactive	81	DR_PP_DrainPipeDeactive	0
	DrainPipeNew		Drainage\Pipes\DrainPipeNew	65	DR_PP_DrainPipeNew	2
	StormSewerLine		Drainage\Pipes\StormSewerPipe	49	DR_PP_StormSewerLine	0
	StormSewerLineDeactive		Drainage\Pipes\StormSewerPipeDeactive	49	DR_PP_StormSewerLineDeactive	0
	StormSewerLineNew		Drainage\Pipes\StormSewerPipeNew	33	DR_PP_StormSewerLineNew	0
	UnderDrainLine		Drainage\Pipes\UnderDrainPipe	113	DR_PP_UnderDrainLine	0
	UnderDrainLineDeactive		Drainage\Pipes\UnderDrainPipeDeactive	113	DR_PP_UnderDrainLineDeactive	0
	UnderDrainLineNew		Drainage\Pipes\UnderDrainPipeNew	97	DR_PP_UnderDrainLineNew	0
Ponds						
	DetentionPond		Drainage\Ponds\DetentionPond	81	3	3
	DetentionPondBottom		Drainage\Ponds\DetentionPondBottom	81	3	3
	DetentionPondBottomNew		Drainage\Ponds\DetentionPondBottomNew	65	0	3

S5.03 PS&E Feature Definitions

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Path	*Feature Definition Name*	*Description*	*Default/Root Element Template*	*Color*	*Line Style*	*Line Weight*
Mesh						
Drainage						
Ponds						
	DetentionPondNew		Drainage\Ponds\DetentionPondNew	65	0	3
	Spring		Drainage\Ponds\Spring	145	DR_PP_Spring	2
Structures						
	BoxCulvert		Drainage\Structures\BoxCulvert	81	2	0
	BoxCulvertNew		Drainage\Structures\BoxCulvertNew	65	0	2
	DikeNew		Drainage\Structures\DikeNew	129	0	10
	HeadWall		Drainage\Structures\HeadWall	81	DR_ST_HeadWall	0
	HeadWallBottom		Drainage\Structures\HeadWallBottom	81	0	0
	HeadWallNew		Drainage\Structures\HeadWallNew	65	DR_ST_HeadWallNew	0
	HeadWallTop		Drainage\Structures\HeadWallTop	81	0	0
	InletSlotted		Drainage\Structures\InletSlotted	81	DR_ST_InletSlotted	0
	InletSlottedNew		Drainage\Structures\InletSlottedNew	65	DR_ST_InletSlottedNew	2
	WingWall		Drainage\Structures\WingWall	81	DR_ST_WingWall	0
	WingWallBottom		Drainage\Structures\WingWallBottom	81	0	0
	WingWallNew		Drainage\Structures\WingWallNew	65	DR_ST_WingWallNew	0
	WingWallTop		Drainage\Structures\WingWallTop	81	0	0
Roadway						
Barrier						
	BarrierCenter	BarrierCenter	Roadway\Barrier\BarrierCenter	29	RD_BR_BarrierCenter	0
	BarrierCenterNew	BarrierCenterNew	Roadway\Barrier\BarrierCenterNew	13	RD_BR_BarrierCenterNew	0
	BarrierCenterTemporary	BarrierCenterTemporary	Roadway\Barrier\BarrierCenterTemporary	13	RD_BR_BarrierCenterTemporary	0
	BarrierFace	BarrierFace	Roadway\Barrier\BarrierFace	61	0	0
	BarrierFaceBridge	BarrierFaceBridge	Roadway\Barrier\BarrierFaceBridge	61	0	0
	BarrierFaceBridgeNew	BarrierFaceBridgeNew	Roadway\Barrier\BarrierFaceBridgeNew	45	0	0
	BarrierFaceNew	BarrierFaceNew	Roadway\Barrier\BarrierFaceNew	45	0	0
	BarrierFaceTunnel	BarrierFaceTunnel	Roadway\Barrier\BarrierFaceTunnel	61	0	0
	BarrierFaceTunnelNew	BarrierFaceTunnelNew	Roadway\Barrier\BarrierFaceTunnelNew	45	0	0
	BarrierTop	BarrierTop	Roadway\Barrier\BarrierTop	0	0	0
	BarrierTopBridge	BarrierTopBridge	Roadway\Barrier\BarrierTopBridge	61	0	0
	BarrierTopBridgeNew	BarrierTopBridgeNew	Roadway\Barrier\BarrierTopBridgeNew	45	0	0
	BarrierTopTunnel	BarrierTopTunnel	Roadway\Barrier\BarrierTopTunnel	61	0	0
	BarrierTopTunnelNew	BarrierTopTunnelNew	Roadway\Barrier\BarrierTopTunnelNew	45	0	0
	CableBarrier	CableBarrier	Roadway\Barrier\CableBarrier	125	RD_BR_CableBarrier	0
	CableBarrierNew	CableBarrierNew	Roadway\Barrier\CableBarrierNew	109	RD_BR_CableBarrierNew	0
	Fence	Fence	Roadway\Barrier\Fence	157	RD_BR_Fence	0

S5.03 PS&E Feature Definitions

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Listed color, line style, and line weight are the default bylevel attributes for the root Element Template. All elements shall be assigned a feature definition unless one is not available. In that case see S5.04 for the PS&E standard element template list.

Path	Feature Definition Name	Description	Default/Root Element Template	Color	Line Style	Line Weight
Mesh						
Roadway						
Barrier						
	FenceNew	FenceNew	Roadway\Barrier\FenceNew	141	RD_BR_FenceNew	0
	Guardrail	Guardrail	Roadway\Barrier\Guardrail	125	RD_BR_Guardrail	0
	GuardRailBridge	GuardRailBridge	Roadway\Barrier\GuardrailBridge	157	5	1
	GuardRailBridgeNew	GuardRailBridgeNew	Roadway\Barrier\GuardrailBridgeNew	141	5	1
	GuardrailNew	GuardrailNew	Roadway\Barrier\GuardrailNew	109	RD_BR_GuardrailNew	0
	GuardRailTunnel	GuardRailTunnel	Roadway\Barrier\GuardrailTunnel	157	5	1
	GuardRailTunnelNew	GuardRailTunnelNew	Roadway\Barrier\GuardrailTunnelNew	141	5	1
Berm						
	AsphaltBerm	AsphaltBerm	Roadway\Berm\AsphaltBerm	61	0	0
	NoiseBerm	NoiseBerm	Roadway\Berm\NoiseBerm	61	0	0
	NoiseBermNew	NoiseBermNew	Roadway\Berm\NoiseBermNew	45	0	3
Curb-Gutter-Sidewalk						
	CurbAndGutter	CurbAndGutter	Roadway\Curb-Gutter-Sidewalk\CurbAndGutter	29	4	0
	CurbAndGutterNew	CurbAndGutterNew	Roadway\Curb-Gutter-Sidewalk\CurbAndGutterNew	13	0	1
	CurbAsphaltFace	CurbAsphaltFace	Roadway\Curb-Gutter-Sidewalk\CurbAsphaltFace	61	0	0
	CurbAsphaltFaceNew	CurbAsphaltFaceNew	Roadway\Curb-Gutter-Sidewalk\CurbAsphaltFaceNew	45	0	1
	CurbBack	CurbBack	Roadway\Curb-Gutter-Sidewalk\CurbBack	61	4	0
	CurbBackNew	CurbBackNew	Roadway\Curb-Gutter-Sidewalk\CurbTopBackNew	45	0	0
	CurbFace	CurbFace	Roadway\Curb-Gutter-Sidewalk\CurbFace	61	4	0
	CurbFaceBridge	CurbFaceBridge	Roadway\Curb-Gutter-Sidewalk\CurbFaceBridge	93	5	1
	CurbFaceNew	CurbFaceNew	Roadway\Curb-Gutter-Sidewalk\CurbFaceNew	45	0	1
	CurbFaceTunnel	CurbFaceTunnel	Roadway\Curb-Gutter-Sidewalk\CurbFaceTunnel	93	5	1
	CurbFaceTunnelNew	CurbFaceTunnelNew	Roadway\Curb-Gutter-Sidewalk\CurbFaceTunnelNew	45	0	1
	CurbTop	CurbTop	Roadway\Curb-Gutter-Sidewalk\CurbTop	61	4	0
	CurbTopBridge	CurbTopBridge	Roadway\Curb-Gutter-Sidewalk\CurbTopBridge	61	4	0
	CurbTopBridgeNew	CurbTopBridgeNew	Roadway\Curb-Gutter-Sidewalk\CurbTopBridgeNew	45	0	1
	CurbTopNew	CurbTopNew	Roadway\Curb-Gutter-Sidewalk\CurbTopNew	45	0	1
	CurbTopTunnel	CurbTopTunnel	Roadway\Curb-Gutter-Sidewalk\CurbTopTunnel	61	4	0
	CurbTopTunnelNew	CurbTopTunnelNew	Roadway\Curb-Gutter-Sidewalk\CurbTopTunnelNew	45	0	1
	CurbTrafficIsFaceBridge	CurbTrafficIsFaceBridge	Roadway\Curb-Gutter-Sidewalk\CurbTrafficIsFaceBridge	93	4	0
	CurbTrafficIsFaceTunnel	CurbTrafficIsFaceTunnel	Roadway\Curb-Gutter-Sidewalk\CurbTrafficIsFaceTunnel	93	4	0
	CurbTrafficIsFceBridgeNew	CurbTrafficIsFceBridgeNew	Roadway\Curb-Gutter-Sidewalk\CurbTrafficIsFceBridgeNew	77	0	0
	CurbTrafficIsFceTunnelNew	CurbTrafficIsFceTunnelNew	Roadway\Curb-Gutter-Sidewalk\CurbTrafficIsFceTunnelNew	77	0	0
	CurbTrafficIslandFace	CurbTrafficIslandFace	Roadway\Curb-Gutter-Sidewalk\CurbTrafficIslandFace	93	4	0
	CurbTrafficIslandFaceNew	CurbTrafficIslandFaceNew	Roadway\Curb-Gutter-Sidewalk\CurbTrafficIslandFaceNew	77	0	0

S5.03 PS&E Feature Definitions

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Listed color, line style, and line weight are the default bylevel attributes for the root Element Template. All elements shall be assigned a feature definition unless one is not available. In that case see S5.04 for the PS&E standard element template list.

Path	*Feature Definition Name*	*Description*	*Default/Root Element Template*	*Color*	*Line Style*	*Line Weight*
Mesh						
Roadway						
Curb-Gutter-Sidewalk						
	CurbWoodenFace	CurbWoodenFace	Roadway\Curb-Gutter-Sidewalk\CurbWoodenFace	125	4	0
	CurbWoodenFaceNew	CurbWoodenFaceNew	Roadway\Curb-Gutter-Sidewalk\CurbWoodenFaceNew	109	4	0
	DetectableWarningSurface	DetectableWarningSurface	Roadway\Curb-Gutter-Sidewalk\DetectableWarningSurface	125	0	0
	GutterFace	GutterFace	Roadway\Curb-Gutter-Sidewalk\GutterFace	157	4	0
	GutterFaceNew	GutterFaceNew	Roadway\Curb-Gutter-Sidewalk\GutterFaceNew	141	0	1
	Joint	Joint	Roadway\Curb-Gutter-Sidewalk\Joint	93	5	0
	JointNew	JointNew	Roadway\Curb-Gutter-Sidewalk\JointNew	45	0	1
	Sidewalk	Sidewalk	Roadway\Curb-Gutter-Sidewalk\Sidewalk	29	3	0
	SidewalkBack	SidewalkBack	Roadway\Curb-Gutter-Sidewalk\SidewalkBack	29	3	0
	SidewalkBackBridge	SidewalkBackBridge	Roadway\Curb-Gutter-Sidewalk\SidewalkBackBridge	29	3	0
	SidewalkBackTunnel	SidewalkBackTunnel	Roadway\Curb-Gutter-Sidewalk\SidewalkBackTunnel	29	3	0
	SidewalkBridge	SidewalkBridge	Roadway\Curb-Gutter-Sidewalk\SidewalkBridge	29	3	0
	SidewalkBridgeNew	SidewalkBridgeNew	Roadway\Curb-Gutter-Sidewalk\SidewalkBridgeNew	13	0	1
	SidewalkFace	SidewalkFace	Roadway\Curb-Gutter-Sidewalk\SidewalkFace	29	3	0
	SidewalkNew	SidewalkNew	Roadway\Curb-Gutter-Sidewalk\SidewalkNew	13	0	1
	SidewalkRamp	SidewalkRamp	Roadway\Curb-Gutter-Sidewalk\SidewalkRamp	61	4	0
	SidewalkRampNew	SidewalkRampNew	Roadway\Curb-Gutter-Sidewalk\SidewalkRampNew	13	0	1
	SidewalkTunnel	SidewalkTunnel	Roadway\Curb-Gutter-Sidewalk\SidewalkTunnel	29	3	0
	SidewalkTunnelNew	SidewalkTunnelNew	Roadway\Curb-Gutter-Sidewalk\SidewalkTunnelNew	13	0	1
Markings						
	CrosswalkBar10Ft	CrosswalkBar10Ft	Roadway\Markings\Striping\CrosswalkBar10FtLane	29	RD_MK_LineCrossWalkBar10FtLane	4
	CrosswalkBar10FtNew	CrosswalkBar10FtNew	Roadway\Markings\Striping\CrosswalkBar10FtLaneNew	0	RD_MK_LineCrossWalkBar10FtLaneNew	4
	CrosswalkBar12Ft	CrosswalkBar12Ft	Roadway\Markings\Striping\CrosswalkBar12FtLane	29	RD_MK_LineCrossWalkBar12FtLane	4
	CrosswalkBar12FtNew	CrosswalkBar12FtNew	Roadway\Markings\Striping\CrosswalkBar12FtLaneNew	0	RD_MK_LineCrossWalkBar12FtLaneNew	4
	LineBarrier	LineBarrier	Roadway\Markings\Striping\LineBarrier	29	2	5
	LineBarrierNew	LineBarrierNew	Roadway\Markings\Striping\LineBarrierNew	0	RD_MK_LineBarrierNew	5
	LineCrosswalk	LineCrosswalk	Roadway\Markings\Striping\LineCrosswalk	29	2	4
	LineCrosswalkNew	LineCrosswalkNew	Roadway\Markings\Striping\LineCrosswalkNew	0	0	4
	LineDblLane	LineDblLane	Roadway\Markings\Striping\LineDblLane	29	RD_MK_LineDouble	0
	LineDblLaneNew	LineDblLaneNew	Roadway\Markings\Striping\LineDblLaneNew	0	RD_MK_LineDoubleNew	2
	LineDblYellowCenter	LineDblYellowCenter	Roadway\Markings\Striping\LineDblYellowCenter	29	RD_MK_LineDouble	0
	LineDblYellowCenterNew	LineDblYellowCenterNew	Roadway\Markings\Striping\LineDblYellowCenterNew	4	RD_MK_LineDoubleNew	2
	LineDottedExtension	LineDottedExtension	Roadway\Markings\Striping\LineDottedExtension	29	5	1
	LineDottedExtensionNew	LineDottedExtensionNew	Roadway\Markings\Striping\LineDottedExtensionNew	0	RD_MK_LineDottedExtNew	2
	LineDottedWide	LineDottedWide	Roadway\Markings\Striping\LineDottedWide	29	5	3

S5.03 PS&E Feature Definitions

The listing below provides a complete list of standard PS&E Feature Definitions by path/category. Feature Definitions include associated groups of annotation, symbology, and element attribute information.

Listed color, line style, and line weight are the default bylevel attributes for the root Element Template. All elements shall be assigned a feature definition unless one is not available. In that case see S5.04 for the PS&E standard element template list.

Path	*Feature Definition Name*	*Description*	*Default/Root Element Template*	*Color*	*Line Style*	*Line Weight*
Mesh						
Roadway						
Markings						
	LineDottedWideNew	LineDottedWideNew	Roadway\Markings\Striping\LineDottedWideNew	0	RD_MK_LineWideDottedLaneNew	3
	LineDropLane	LineDropLane	Roadway\Markings\Striping\LineDropLane	29	2	1
	LineDropLaneNew	LineDropLaneNew	Roadway\Markings\Striping\LineDropLaneNew	0	RD_MK_LineDottedExtNew	2
	LineEdgeWhite	LineEdgeWhite	Roadway\Markings\Striping\LineEdgeWhite	29	RD_MK_LineSolid	1
	LineEdgeWhiteNew	LineEdgeWhiteNew	Roadway\Markings\Striping\LineEdgeWhiteNew	0	RD_MK_LineSolidNew	2
	LineEdgeYellow	LineEdgeYellow	Roadway\Markings\Striping\LineEdgeYellow	29	RD_MK_LineSolid	1
	LineEdgeYellowNew	LineEdgeYellowNew	Roadway\Markings\Striping\LineEdgeYellowNew	4	RD_MK_LineSolidNew	2
	LineGeneric	LineGeneric	Roadway\Markings\Striping\LineGeneric	29	3	1
	LineGenericNew	LineGenericNew	Roadway\Markings\Striping\LineGenericNew	0	0	2
	LineLane	LineLane	Roadway\Markings\Striping\LineLane	29	RD_MK_LineSkipCenter	1
	LineLaneNew	LineLaneNew	Roadway\Markings\Striping\LineLaneNew	0	RD_MK_LineSkipCenterNew	2
	LineNoPass	LineNoPass	Roadway\Markings\Striping\LineNoPass	29	RD_MK_LineSkipNoPass	1
	LineNoPassNew	LineNoPassNew	Roadway\Markings\Striping\LineNoPassNew	4	RD_MK_LineSkipNoPassNew	2
	LineReversibleLane	LineReversibleLane	Roadway\Markings\Striping\LineReversibleLane	29	RD_MK_LineSkipRev	1
	LineReversibleLaneNew	LineReversibleLaneNew	Roadway\Markings\Striping\LineReversibleLaneNew	4	RD_MK_LineSkipRevNew	2
	LineRPMSkip	LineRPMSkip	Roadway\Markings\Striping\LineRPMSkip	29	RD_MK_LineRPMLane	1
	LineRPMSkipNew	LineRPMSkipNew	Roadway\Markings\Striping\LineRPMSkipNew	0	RD_MK_LineRPMLaneNew	2
	LineRPMSolid	LineRPMSolid	Roadway\Markings\Striping\LineRPMSolid	29	RD_MK_LineRPMSolid	1
	LineRPMSolidNew	LineRPMSolidNew	Roadway\Markings\Striping\LineRPMSolidNew	0	RD_MK_LineRPMSolidNew	2
	LineSkipCenter	LineSkipCenter	Roadway\Markings\Striping\LineSkipCenter	29	RD_MK_LineSkipCenter	1
	LineSkipCenterNew	LineSkipCenterNew	Roadway\Markings\Striping\LineSkipCenterNew	4	RD_MK_LineSkipCenterNew	2
	LineSkipWide	LineSkipWide	Roadway\Markings\Striping\LineSkipWide	29	RD_MK_LineWideSkip	3
	LineSkipWideNew	LineSkipWideNew	Roadway\Markings\Striping\LineSkipWideNew	0	RD_MK_LineWideSkipNew	3
	LineStop	LineStop	Roadway\Markings\Striping\LineStop	29	2	4
	LineStopNew	LineStopNew	Roadway\Markings\Striping\LineStopNew	0	RD_MK_StopNew	4
	LineTwoWayLtTurn	LineTwoWayLtTurn	Roadway\Markings\Striping\LineTwoWayLTTurn	29	RD_MK_LineSkipNoPass	1
	LineTwoWayLtTurnNew	LineTwoWayLtTurnNew	Roadway\Markings\Striping\LineTwoWayLTTurnNew	4	RD_MK_LineSkipNoPassNew	2
	LineWide	LineWide	Roadway\Markings\Striping\LineWide	29	2	3
	LineWideDottedCircLane	LineWideDottedCircLane	Roadway\Markings\Striping\LineWideDottedRACircLane	29	RD_MK_LineRAWideDottedCirc	3
	LineWideDottedCircLaneNew	LineWideDottedCircLaneNew	Roadway\Markings\Striping\LineWideDottedRACircLaneNew	0	RD_MK_LineRAWideDottedCircNew	3
	LineWideDottedEntry	LineWideDottedEntry	Roadway\Markings\Striping\LineWideDottedRAEntry	29	RD_MK_LineRAWideDottedEntry	3
	LineWideDottedEntryNew	LineWideDottedEntryNew	Roadway\Markings\Striping\LineWideDottedRAEntryNew	0	RD_MK_LineRAWideDottedEntryNew	3
	LineWideDottedExtenNew	LineWideDottedExtenNew	Roadway\Markings\Striping\LineWideDottedRAExtenNew	0	RD_MK_LineWideDottedExt	3
	LineWideDottedExtension	LineWideDottedExtension	Roadway\Markings\Striping\LineWideDottedRAExtension	29	RD_MK_LineWideDottedExtNew	3

S5.03 PS&E Feature Definitions

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Path	Feature Definition Name	Description	Default/Root Element Template	Color	Line Style	Line Weight
Mesh						
Roadway						
Markings						
	LineWideNew	LineWideNew	Roadway\Markings\Striping\LineWideNew	0	RD_MK_LineWide	3
Structures						
Bridges						
	BackofPvmntSeat	BackofPvmntSeat	Structures\Bridges\BackofPvmntSeat	151	0	0
	BackofPvmntSeatNew	BackofPvmntSeatNew	Structures\Bridges\BackofPvmntSeatNew	7	0	2
	BearingCenterLineNew	BearingCenterLineNew	Structures\Bridges\BearingCenterLineNew	3	4	1
	Bridge	Bridge	Structures\Bridges\Bridge	23	6	0
	BridgeApproachSlab	BridgeApproachSlab	Structures\Bridges\BridgeApproachSlab	151	5	1
	BridgeApproachSlabNew	BridgeApproachSlabNew	Structures\Bridges\BridgeApproachSlabNew	135	0	2
	BridgeCenterLine	BridgeCenterLine	Structures\Bridges\BridgeCenterLine	55	4	1
	BridgeCenterLineNew	BridgeCenterLineNew	Structures\Bridges\BridgeCenterLineNew	39	4	4
	BridgeDeckLimits	BridgeDeckLimits	Structures\Bridges\BridgeDeckLimits	23	5	0
	BridgeExpansionJoint	BridgeExpansionJoint	Structures\Bridges\BridgeExpansionJoint	151	5	1
	BridgeFooting	BridgeFooting	Structures\Bridges\BridgeFooting	151	5	1
	BridgeFootingBottom	BridgeFootingBottom	Structures\Bridges\BridgeFootingBottom	151	5	1
	BridgeFootingNew	BridgeFootingNew	Structures\Bridges\BridgeFootingNew	135	0	1
	BridgeGirder	BridgeGirder	Structures\Bridges\BridgeGirder	151	5	1
	BridgeGirderNew	BridgeGirderNew	Structures\Bridges\BridgeGirderNew	135	0	2
	BridgeNew	BridgeNew	Structures\Bridges\BridgeNew	7	0	2
	BridgePier	BridgePier	Structures\Bridges\BridgePier	119	5	1
	BridgePierCapBottom	BridgePierCapBottom	Structures\Bridges\BridgePierCapBottom	119	5	1
	BridgePierCapBottomNew	BridgePierCapBottomNew	Structures\Bridges\BridgePierCapBottomNew	103	0	1
	BridgePierCapTop	BridgePierCapTop	Structures\Bridges\BridgePierCapTop	119	5	1
	BridgePierCapTopNew	BridgePierCapTopNew	Structures\Bridges\BridgePierCapTopNew	103	0	1
	BridgePierColumnTop	BridgePierColumnTop	Structures\Bridges\BridgePierColumnTop	151	5	0
	BridgePierNew	BridgePierNew	Structures\Bridges\BridgePierNew	103	0	1
	BridgeRail	BridgeRail	Structures\Bridges\BridgeRail	151	5	1
	BridgeRailNew	BridgeRailNew	Structures\Bridges\BridgeRailNew	135	5	1
	BridgeSubStructure	BridgeSubStructure	Structures\Bridges\BridgeSubStructure	151	5	1
	BridgeSubStructureNew	BridgeSubStructureNew	Structures\Bridges\BridgeSubStructureNew	39	0	2
	BridgeSuperStructure	BridgeSuperStructure	Structures\Bridges\BridgeSuperStructure	55	5	1
	BridgeSuperStructureNew	BridgeSuperStructureNew	Structures\Bridges\BridgeSuperStructureNew	39	0	2
	ColumnCenterLineNew	ColumnCenterLineNew	Structures\Bridges\ColumnCenterLineNew	3	4	1
	DeckLimitsNew	DeckLimitsNew	Structures\Bridges\DeckLimitsNew	4	2	1
	PierCenterLineNew	PierCenterLineNew	Structures\Bridges\PierCenterLineNew	3	4	1

S5.03 PS&E Feature Definitions

The listing below provides a complete list of standard PS&E Feature Definitions by path/category. Feature Definitions include associated groups of annotation, symbology, and element attribute information.

Listed color, line style, and line weight are the default bylevel attributes for the root Element Template. All elements shall be assigned a feature definition unless one is not available. In that case see S5.04 for the PS&E standard element template list.

Path	Feature Definition Name	Description	Default/Root Element Template	Color	Line Style	Line Weight
Mesh						
Structures						
Bridges						
	RRStructure	RRStructure	Structures\Bridges\RRStructure	119	6	0
	RRStructureNew	RRStructureNew	Structures\Bridges\RRStructureNew	103	0	2
	Structure	Structure	Structures\Bridges\Structure	55	5	0
	StructureNew	StructureNew	Structures\Bridges\StructureNew	39	0	2
Tunnels						
	Tunnel	Tunnel	Structures\Tunnels\Tunnel	87	5	0
	TunnelCenterLine	TunnelCenterLine	Structures\Tunnels\TunnelCenterLine	55	5	1
	TunnelCenterLineNew	TunnelCenterLineNew	Structures\Tunnels\TunnelCenterLineNew	39	5	1
	TunnelLimits	TunnelLimits	Structures\Tunnels\TunnelLimits	23	5	1
	TunnelLimitsNew	TunnelLimitsNew	Structures\Tunnels\TunnelLimitsNew	7	5	1
	TunnelNew	TunnelNew	Structures\Tunnels\TunnelNew	71	0	2
	TunnelRail	TunnelRail	Structures\Tunnels\TunnelRail	151	5	1
	TunnelRailNew	TunnelRailNew	Structures\Tunnels\TunnelRailNew	135	5	1
Walls						
	GabionWall	GabionWall	Structures\Walls\GabionWall	55	ST_WA_GabionWall	1
	GabionWallBottom	GabionWallBottom	Structures\Walls\GabionWallBottom	55	5	1
	GabionWallNew	GabionWallNew	Structures\Walls\GabionWallNew	39	ST_WA_GabionWallNew	0
	GabionWallTop	GabionWallTop	Structures\Walls\GabionWallTop	55	5	1
	NoiseWall	NoiseWall	Structures\Walls\NoiseWall	87	ST_WA_NoiseWall	1
	NoiseWallBottom	NoiseWallBottom	Structures\Walls\NoiseWallBottom	87	5	1
	NoiseWallNew	NoiseWallNew	Structures\Walls\NoiseWallNew	71	ST_WA_NoiseWallNew	0
	NoiseWallTop	NoiseWallTop	Structures\Walls\NoiseWallTop	87	5	1
	RetainingWall	RetainingWall	Structures\Walls\RetainingWall	23	ST_WA_RetainingWall	0
	RetainingWallBottom	RetainingWallBottom	Structures\Walls\RetainingWallBottom	23	5	1
	RetainingWallNew	RetainingWallNew	Structures\Walls\RetainingWallNew	7	ST_WA_RetainingWallNew	0
	RetainingWallTop	RetainingWallTop	Structures\Walls\RetainingWallTop	23	5	1
	WallGutterNew	WallGutterNew	Structures\Walls\WallGutterNew	39	0	0
Surface						
	ATB	ATB	Surface\ATB	6	0	0
	CCP	CCP	Surface\CCP	96	0	2
	CG	CG	Surface\CG	96	0	2
	Concrete	Concrete	Surface\Concrete	64	0	1
	CSBC	CSBC	Surface\CSBC	48	0	2
	CSTC	CSTC	Surface\CSTC	32	0	0

S5.03 PS&E Feature Definitions

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Listed color, line style, and line weight are the default bylevel attributes for the root Element Template. All elements shall be assigned a feature definition unless one is not available. In that case see S5.04 for the PS&E standard element template list.

Path	*Feature Definition Name*	*Description*	*Default/Root Element Template*	*Color*	*Line Style*	*Line Weight*
Mesh						
Surface						
	Grass	Grass	Surface\Grass	161	0	2
	GravelBackfillForPZB	Gravel Backfill for PZB	Surface\GravelBackfillForPZB	112	0	0
	GravelCap	Gravel Cap	Surface\GravelCap	48	0	0
	HMA	HMA	Surface\HMA	128	0	1
	HMA_LC	HMA Leveling Course	Surface\HMA_LC	79	0	2
	HMA_WC	HMA Wearing Course	Surface\HMA_WC	47	0	2
	Material1	Misc Material 1	Surface\Material1	8	0	0
	Material2	Misc Material 2	Surface\Material2	9	0	0
	Material3	Misc Material 3	Surface\Material3	10	0	0
	Material4	Misc Material 4	Surface\Material4	5	0	0
	Material5	Misc Material 5	Surface\Material5	14	0	0
	PipeZoneBackfill	Pipe Zone Backfill	Surface\PipeZoneBackfill	48	0	0
	QuarrySpalls	QuarrySpalls	Surface\QuarrySpalls	128	0	1
	RockCap	Rock Cap	Surface\RockCap	13	0	0
	Soil	Soil	Surface\Soil	46	0	0
	Streambed	Streambed	Surface\Streambed	32	0	0
	Subgrade	Subgrade	Surface\Subgrade	7	0	0
	TrenchWall	TrenchWall	Surface\TrenchWall	110	0	0
	UnsuitableMaterial	Unsuitable Material	Surface\UnsuitableMaterial	4	0	0
	UnsuitableSplit	Unsuitable Material - Split	Surface\UnsuitableMaterial	4	0	0
Point						
Alignment						
	ChnlLineCOGO		Alignment\Channel\Existing\ChnlLineCOGO	151	0	1
	ChnlLineNewCOGO		Alignment\Channel\New\ChnlLineNewCOGO	137	0	1
	CLinePSECOGO		Alignment\Highway\Existing\CLinePSECOGO	18	0	1
	CLinePSENewCOGO		Alignment\Highway\New\CLinePSENewCOGO	2	0	1
	WLineWallNewCOGO		Alignment\Working Line\WLineWallNewCOGO	2	0	1
Drainage						
Points						
	CatchBasinFlowLine1		Drainage\Points\CatchBasinFlowLine1	113	0	0
	CatchBasinFlowLine2		Drainage\Points\CatchBasinFlowLine2	113	0	0
	CatchBasinFlowLine3		Drainage\Points\CatchBasinFlowLine3	113	0	0
	CatchBasinFlowLine4		Drainage\Points\CatchBasinFlowLine4	113	0	0
	CatchBasinFlowLine5		Drainage\Points\CatchBasinFlowLine5	113	0	0
	CatchBasinFlowLine6		Drainage\Points\CatchBasinFlowLine6	113	0	0

S5.03 PS&E Feature Definitions

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Listed color, line style, and line weight are the default bylevel attributes for the root Element Template. All elements shall be assigned a feature definition unless one is not available. In that case see S5.04 for the PS&E standard element template list.

Path	*Feature Definition Name*	*Description*	*Default/Root Element Template*	*Color*	*Line Style*	*Line Weight*
Point						
Drainage						
Points						
	CatchBasinFlowLine7		Drainage\Points\CatchBasinFlowLine7	113	0	0
	CatchBasinFlowLine8		Drainage\Points\CatchBasinFlowLine8	113	0	0
	DirectionOfPipe		Drainage\Points\DirectionOfPipe	81	0	0
	Flume		Drainage\Points\Flume	145	0	0
Structures						
	AreaInlet		Drainage\Structures\AreaInlet	49	0	0
	AreaInletBridge		Drainage\Structures\AreaInletBridge	113	0	0
	AreaInletBridgeNew		Drainage\Structures\AreaInletBridgeNew	97	0	0
	AreaInletDeactive		Drainage\Structures\AreaInletDeactive	49	0	0
	AreaInletNew		Drainage\Structures\AreaInletNew	33	0	0
	AreaInletTunnel		Drainage\Structures\AreaInletTunnel	113	0	0
	AreaInletTunnelNew		Drainage\Structures\AreaInletTunnelNew	129	0	0
	CastMetalInlet		Drainage\Structures\CastMetalInlet	49	0	0
	CastMetalInletDeactive		Drainage\Structures\CastMetalInletDeactive	49	0	0
	CastMetalInletNew		Drainage\Structures\CastMetalInletNew	33	0	0
	CatchBasin		Drainage\Structures\CatchBasin	49	0	0
	CatchBasinBridge		Drainage\Structures\CatchBasinBridge	113	0	0
	CatchBasinBridgeNew		Drainage\Structures\CatchBasinBridgeNew	97	0	0
	CatchBasinDeactive		Drainage\Structures\CatchBasinDeactive	49	0	0
	CatchBasinNew		Drainage\Structures\CatchBasinNew	33	0	0
	CatchBasinTunnel		Drainage\Structures\CatchBasinTunnel	113	0	0
	CatchBasinTunnelNew		Drainage\Structures\CatchBasinTunnelNew	97	0	0
	ConcreteInlet		Drainage\Structures\ConcreteInlet	49	0	0
	ConcreteInletDeactive		Drainage\Structures\ConcreteInletDeactive	49	0	0
	ConcreteInletNew		Drainage\Structures\ConcreteInletNew	33	0	0
	DrainBridge		Drainage\Structures\DrainBridge	113	0	0
	DrainBridgeDeactive		Drainage\Structures\DrainBridgeDeactive	113	0	0
	DrainBridgeNew		Drainage\Structures\DrainBridgeNew	97	0	0
	DrainTunnel		Drainage\Structures\DrainTunnel	113	0	0
	DrainTunnelNew		Drainage\Structures\DrainTunnelNew	97	0	0
	DropInlet		Drainage\Structures\DropInlet	49	0	0
	DropInletDeactive		Drainage\Structures\DropInletDeactive	49	0	0
	DropInletNew		Drainage\Structures\DropInletNew	33	0	0
	DropInletType2		Drainage\Structures\DropInletNew	33	0	0
	DropInletType2Deactive		Drainage\Structures\DropInletType2Deactive	49	0	0

S5.03 PS&E Feature Definitions

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Path	*Feature Definition Name*	*Description*	*Default/Root Element Template*	*Color*	*Line Style*	*Line Weight*
Point						
Drainage						
Structures						
	DropInletType2New		Drainage\Structures\DropInletType2New	33	0	0
	DryWell		Drainage\Structures\DryWell	145	0	0
	DryWellDeactive		Drainage\Structures\DryWellDeactive	145	0	0
	DryWellNew		Drainage\Structures\DryWellNew	129	0	0
	DummyNode_Drainage		Drainage\Structures\DummyNode_Drainage	33	0	0
	GrateInlet		Drainage\Structures\GrateInlet	49	0	0
	GrateInletBridge		Drainage\Structures\GrateInletBridge	113	0	0
	GrateInletBridgeNew		Drainage\Structures\GrateInletBridgeNew	97	0	0
	GrateInletDeactive		Drainage\Structures\GrateInletDeactive	49	0	0
	GrateInletNew		Drainage\Structures\GrateInletNew	33	0	0
	GrateInletTunnel		Drainage\Structures\GrateInletTunnel	113	0	0
	GrateInletTunnelNew		Drainage\Structures\GrateInletTunnelNew	97	0	0
	InletDeactive		Drainage\Structures\InletDeactive	49	0	0
	InletGeneric		Drainage\Structures\InletGeneric	49	0	0
	InletGenericNew		Drainage\Structures\InletGenericNew	33	0	0
	Manhole		Drainage\Structures\Manhole	49	0	0
	ManholeBridge		Drainage\Structures\ManholeBridge	113	0	0
	ManholeBridgeNew		Drainage\Structures\ManholeBridgeNew	97	0	0
	ManholeDeactive		Drainage\Structures\ManholeDeactive	49	0	0
	ManholeNew		Drainage\Structures\ManholeNew	33	0	0
	ManholeTunnel		Drainage\Structures\ManholeTunnel	113	0	0
	ManholeTunnelNew		Drainage\Structures\ManholeTunnelNew	97	0	0
	OpenFlowRestrDeactive		Drainage\Structures\OpenFlowRestrDeactive	49	0	0
	OpenFlowRestrictor		Drainage\Structures\OpenFlowRestrictor	49	0	0
	OpenFlowRestrictorNew		Drainage\Structures\OpenFlowRestrictorNew	33	0	0
	StormSewerCleanOut		Drainage\Structures\StormSewerCleanOut	145	0	0
Environmental						
Environmental Permits						
	BufferRestoration		Environmental\Permits\BufferRestoration	94	0	1
	ConvBufferToStream		Environmental\Permits\ConvBufferToStream	12	0	0
	ConvStreamToBuffer		Environmental\Permits\ConvStreamToBuffer	12	0	0
	ConvStreamToJurisDitch		Environmental\Permits\ConvStreamToWetland	17	0	1
	ConvWetlandToStream		Environmental\Permits\ConvWetlandToStream	28	0	2
	MudflatsImpactPerm		Environmental\Permits\MudflatsImpactPerm	13	0	2
	MudflatsImpactTemp		Environmental\Permits\MudflatsImpactTemp	14	0	1

S5.03 PS&E Feature Definitions

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Path	*Feature Definition Name*	*Description*	*Default/Root Element Template*	*Color*	*Line Style*	*Line Weight*
Point						
Environmental						
Environmental Permits						
	RifflePoolImpactPerm		Environmental\Permits\RifflePoolImpactPerm	5	0	2
	RifflePoolImpactTemp		Environmental\Permits\RifflePoolImpactTemp	8	0	0
	RockClassB		Environmental\Permits\RockClassB	15	0	1
	RockQuarrySpalls		Environmental\Permits\RockQuarrySpalls	79	0	0
	StreamImpactPerm		Environmental\Permits\StreamImpactPerm	1	0	2
	StreamImpactTemp		Environmental\Permits\StreamImpactTemp	17	0	1
	StreamRestoration		Environmental\Permits\StreamRestoration	92	0	1
	WetlandImpactLongTerm		Environmental\Permits\WetlandImpactLongTerm	3	0	2
	WetlandImpactPerm		Environmental\Permits\WetlandImpactPerm	3	0	2
	WetlandImpactShortTerm		Environmental\Permits\WetlandImpactShortTerm	19	0	1
	WetlandRestoration		Environmental\Permits\WetlandRestoration	25	0	0
Erosion Control						
	CheckDamBioNew		Environmental\Erosion Control\CheckDamBioNew	9	0	2
	CheckDamNonBioNew		Environmental\Erosion Control\CheckDamNonBioNew	9	0	2
	ConstrEntranceNew		Environmental\Erosion Control\ConstrEntranceNew	9	0	0
	ConstrEntranceTireWashNew		Environmental\Erosion Control\ConstrEntranceTireWashNew	9	0	0
	DewateringAreaNew		Environmental\Erosion Control\DewateringAreaNew	9	0	0
	FishBlockNet		Environmental\Erosion Control\FishBlockNet	9	0	0
	InfiltrationTrenchNew		Environmental\Erosion Control\InfiltrationTrenchNew	9	EV_EC_InfiltrationTrenchNew	2
	InletCover		Environmental\Erosion Control\InletCover	23	0	1
	InletCoverNew		Environmental\Erosion Control\InletCoverNew	9	0	2
	InletFilter		Environmental\Erosion Control\InletFilter	23	0	1
	InletFilterNew		Environmental\Erosion Control\InletFilterNew	9	0	2
	InletInsert		Environmental\Erosion Control\InletInsert	23	0	1
	InletInsertNew		Environmental\Erosion Control\InletInsertNew	9	0	2
	InterceptorDikeNew		Environmental\Erosion Control\InterceptorDikeNew	9	0	2
	InterceptorSwaleNew		Environmental\Erosion Control\InterceptorSwaleNew	9	0	2
	LevelSpreaderNew		Environmental\Erosion Control\LevelSpreaderNew	9	0	2
	MulchingAndMattingNew		Environmental\Erosion Control\MulchingAndMattingNew	9	0	0
	PermSeedingAndPlantingNew		Environmental\Erosion Control\PermSeedingAndPlantingNew	9	0	2
	PipeSlopeDrainNew		Environmental\Erosion Control\PipeSlopeDrainNew	9	0	2
	PlasticCoveringNew		Environmental\Erosion Control\PlasticCoveringNew	9	0	0
	SedimentPondTemp		Environmental\Erosion Control\SedimentPondTemp	9	0	0
	SedimentPondTempNew		Environmental\Erosion Control\SedimentPondTempNew	9	0	0
	SedimentTrapNew		Environmental\Erosion Control\SedimentTrapNew	9	0	2

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Path	*Feature Definition Name*	*Description*	*Default/Root Element Template*	*Color*	*Line Style*	*Line Weight*
Point						
Environmental						
Erosion Control						
	SeedingErosionControl		Environmental\Erosion Control\SeedingErosionControl	9	0	0
	SeedingTemp		Environmental\Erosion Control\SeedingTemp	9	0	2
	SeedingTempNew		Environmental\Erosion Control\SeedingTempNew	9	0	0
	SoilBinderTackingAgentNew		Environmental\Erosion Control\SoilBinderTackingAgentNew	9	0	0
Irrigation						
	Box		Environmental\Irrigation\Box	23	0	1
	BoxNew		Environmental\Irrigation\BoxNew	9	0	2
	Casing		Environmental\Irrigation\Casing	23	0	1
	CasingNew		Environmental\Irrigation\CasingNew	9	0	2
	Controller		Environmental\Irrigation\Controller	23	0	1
	ControllerNew		Environmental\Irrigation\ControllerNew	9	0	2
	Meter		Environmental\Irrigation\Meter	23	0	1
	MeterNew		Environmental\Irrigation\MeterNew	9	0	2
	SprinklerHead25		Environmental\Irrigation\SprinklerHead25	23	0	1
	SprinklerHead25New		Environmental\Irrigation\SprinklerHead25New	9	0	2
	SprinklerHead75		Environmental\Irrigation\SprinklerHead75	23	0	1
	SprinklerHead75New		Environmental\Irrigation\SprinklerHead75New	9	0	2
	SprinklerHeadFull		Environmental\Irrigation\SprinklerHeadFull	23	0	1
	SprinklerHeadFullNew		Environmental\Irrigation\SprinklerHeadFullNew	9	0	2
	SprinklerHeadHalf		Environmental\Irrigation\SprinklerHeadHalf	23	0	1
	SprinklerHeadHalfNew		Environmental\Irrigation\SprinklerHeadHalfNew	9	0	2
	SprinklerHeadStripCenter		Environmental\Irrigation\SprinklerHeadStripCenter	23	2	1
	SprinklerHeadStripCentNew		Environmental\Irrigation\SprinklerHeadStripCentNew	9	0	2
	SprinklerHeadStripEnd		Environmental\Irrigation\SprinklerHeadStripEnd	23	2	1
	SprinklerHeadStripEndNew		Environmental\Irrigation\SprinklerHeadStripEndNew	9	0	2
	SprinklerHeadStripSide		Environmental\Irrigation\SprinklerHeadStripSide	23	2	1
	SprinklerHeadStripSideNew		Environmental\Irrigation\SprinklerHeadStripSideNew	9	0	2
	Valve		Environmental\Irrigation\Valve	23	0	1
	ValveAutoControl		Environmental\Irrigation\ValveAutoControl	23	0	1
	ValveAutoControlNew		Environmental\Irrigation\ValveAutoControlNew	9	0	2
	ValveBall		Environmental\Irrigation\ValveBall	23	0	1
	ValveBallNew		Environmental\Irrigation\ValveBallNew	9	0	2
	ValveDoubleCheck		Environmental\Irrigation\ValveDoubleCheck	23	0	1
	ValveDoubleCheckNew		Environmental\Irrigation\ValveDoubleCheckNew	9	0	2
	ValveGate		Environmental\Irrigation\ValveGate	23	0	1

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Path	*Feature Definition Name*	*Description*	*Default/Root Element Template*	*Color*	*Line Style*	*Line Weight*
Point						
Environmental						
Irrigation						
	ValveGateNew		Environmental\Irrigation\ValveGateNew	9	0	2
	ValveNew		Environmental\Irrigation\ValveNew	9	0	2
Landscape						
	BatHouse		Environmental\Landscape\BatHouse	9	0	0
	CAVFS		Environmental\Landscape\CAVFS	9	0	0
	CompostCoarse		Environmental\Landscape\CompostCoarse1	9	0	0
	CompostFine		Environmental\Landscape\CompostFine	9	0	0
	CompostMedium		Environmental\Landscape\CompostMedium	9	0	0
	FloodplainPlantAreaTy1New		Environmental\Landscape\PlantFloodplainAreaTy1New	0	0	0
	FloodplainPlantAreaTy2New		Environmental\Landscape\PlantFloodplainAreaTy2New	0	0	0
	LivePoleCutting		Environmental\Landscape\LivePoleCutting	9	0	2
	LiveStakeCutting		Environmental\Landscape\LiveStakeCutting	9	0	2
	Log		Environmental\Landscape\Log1	9	0	1
	PileBrush		Environmental\Landscape\PileBrush	9	0	1
	PileLog		Environmental\Landscape\PileLog	9	0	1
	PileRock		Environmental\Landscape\PileLog	9	0	1
	PlantingEmergent1New		Environmental\Landscape\PlantingEmergent1New	7	0	1
	PlantingEmergent2New		Environmental\Landscape\PlantingEmergent2New	7	0	1
	PlantingFloodplainAreaTy1		Environmental\Landscape\PlantFloodplainAreaTy1	39	0	1
	PlantingFloodplainAreaTy2		Environmental\Landscape\PlantFloodplainAreaTy2	71	0	1
	PlantingForested		Environmental\Landscape\PlantingForested	9	0	1
	PlantingMixA		Environmental\Landscape\PlantingMixA	9	0	0
	PlantingMixB		Environmental\Landscape\PlantingMixB	9	0	0
	PlantingMixC		Environmental\Landscape\PlantingMixC	9	0	0
	PlantingMixD		Environmental\Landscape\PlantingMixD	9	0	0
	PlantingMixE		Environmental\Landscape\PlantingMixE	9	0	0
	PlantingMixF		Environmental\Landscape\PlantingMixF	9	0	0
	PlantingMixG		Environmental\Landscape\PlantingMixG	9	0	0
	PlantingMixH		Environmental\Landscape\PlantingMixH	9	0	0
	PlantingMixI		Environmental\Landscape\PlantingMixI	9	0	0
	PlantingMixJ		Environmental\Landscape\PlantingMixJ	9	0	0
	PlantingMixK		Environmental\Landscape\PlantingMixK	9	0	0
	PlantingMixL		Environmental\Landscape\PlantingMixL	9	0	0
	PlantingStormwaterBuffer		Environmental\Landscape\PlantingStormwaterBuffer	0	0	1
	PlantingStreamBuffer		Environmental\Landscape\PlantingStreamBuffer	0	0	1

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Path	*Feature Definition Name*	*Description*	*Default/Root Element Template*	*Color*	*Line Style*	*Line Weight*
Point						
Environmental						
Landscape						
	PlantingUpland		Environmental\Landscape\PlantingUpland	9	0	1
	PlantingWetlandRestore		Environmental\Landscape\PlantingWetlandRestore1	9	0	1
	Seeding		Environmental\Landscape\Seeding	9	0	1
	SeedingEmergent		Environmental\Landscape\SeedingEmergent	9	0	1
	SeedingLawn		Environmental\Landscape\SeedingLawn	9	0	1
	SeedingMixDryNative		Environmental\Landscape\SeedingMixDryNative	9	0	1
	SeedingMixSpecial		Environmental\Landscape\SeedingMixSpecial	9	0	1
	SeedingMixWetNative		Environmental\Landscape\SeedingMixWetNative	9	0	1
	Shrub1New		Environmental\Landscape\Shrub1New	1	0	0
	Shrub2New		Environmental\Landscape\Shrub2New	1	0	0
	SoddingNew		Environmental\Erosion Control\SoddingNew	9	0	0
	SodLawn		Environmental\Landscape\SodLawn	9	0	1
	Stump		Environmental\Landscape\Stump	9	0	1
	TopsoilNew		Environmental\Landscape\TopsoilNew	9	0	1
	TransitionalGuidanceNew		Environmental\Landscape\TopsoilNew	9	0	1
	Tree		Environmental\Landscape\Tree1	23	0	1
	TreeDeciduousNew		Environmental\Landscape\TreeDeciduous1New	11	0	0
	TreeElev		Environmental\Landscape\TreeElev1	23	0	1
	TreeEvergreenNew		Environmental\Landscape\TreeEvergreen1New	34	0	0
	TreeToBeRemoved		Environmental\Landscape\TreeToBeRemoved	9	0	3
	TurfNew		Environmental\Landscape\TurfNew	4	0	0
River Hydraulics						
	Anchor		Environmental\River Hydraulics\Anchor	151	0	0
	Boulder		Environmental\Landscape\Boulder	9	0	1
	BoulderNew		Environmental\River Hydraulics\BoulderNew	137	0	0
	Log		Environmental\Landscape\Log1	9	0	1
	LogNew		Environmental\River Hydraulics\LogNew	137	0	3
	RockErosionScourProtNew		Environmental\River Hydraulics\RockErosionScourProtNew	137	0	0
	RockMaterialNew		Environmental\River Hydraulics\RockMaterialNew	137	0	0
	RockQuarrySpallsNew		Environmental\River Hydraulics\RockQuarrySpallsNew	137	0	0
	RockRipRapNew		Environmental\River Hydraulics\RockRipRapNew	137	0	0
	RockStreambedMaterialNew		Environmental\River Hydraulics\RockStreambedMaterialNew	137	0	0
Wetlands						
	IndirectWetlandImpact		Environmental\Wetlands\IndirectWetlandImpact	0	0	0
	SoilPit		Environmental\Wetlands\SoilPit	0	0	0

S5.03 PS&E Feature Definitions

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Listed color, line style, and line weight are the default bylevel attributes for the root Element Template. All elements shall be assigned a feature definition unless one is not available. In that case see S5.04 for the PS&E standard element template list.

Path	*Feature Definition Name*	*Description*	*Default/Root Element Template*	*Color*	*Line Style*	*Line Weight*
Point						
Environmental						
Wetlands						
	WaterLineOrdinaryHighFlag		Environmental\Wetlands\WaterLineOrdinaryHighFlag	55	0	0
	WetlandFlag		Environmental\Wetlands\WetlandFlag	55	0	0
	WetlandSampleFlag		Environmental\Wetlands\WetlandSampleFlag	55	0	0
	WetlandSymb		Environmental\Wetlands\WetlandSymb	2	0	0
Monument Control						
Boundary						
	MonumentCalcd		Monument\Boundary\MonumentCalcd	60	0	0
	MonumentCaseandCover		Monument\Boundary\MonumentCaseAndCover	60	0	0
	MonumentCaseandCoverNew		Monument\Boundary\MonumentCaseAndCoverNew	44	0	0
	MonumentFound		Monument\Boundary\MonumentFound	60	0	0
	MonumentNew		Monument\Boundary\MonumentNew	44	0	0
Network Control						
	BacksightCheck		Monument\Network Control\BacksightCheck	92	0	1
	BenchMark		Monument\Network Control\BenchMark	28	0	0
	PrimaryControlPoint		Monument\Network Control\PrimaryControlPoint	28	0	1
	TempBenchMark		Monument\Network Control\TempBenchMark	28	0	0
	TempControlPoint		Monument\Network Control\TempControlPoint	28	0	1
Photo						
	PhotoCenter		Monument\Photo\PhotoCenter	92	0	1
	PhotoHorVertControlPoint		Monument\Photo\PhotoHorVertControlPoint	92	0	1
	PhotoVertControlPoint		Monument\Photo\PhotoVertControlPoint	92	0	0
Reference Point						
	ReferencePoint		Monument\Reference Point\ReferencePoint	122	0	0
Right of Way						
Boundaries						
	RWMarker		Right of Way\Boundaries\RWMarker	19	0	0
Parcels						
	FenceCorner		Right of Way\Parcels\FenceCorner	19	0	0
	PropertyCorner		Right of Way\Parcels\PropertyCorner	19	0	0
Section Info						
	ClosingCornerFound		Right of Way\Section Info\ClosingCornerFound	19	0	1
	ClosingCornerFoundNorth		Right of Way\Section Info\ClosingCornerFoundNorth	19	0	1
	ClosingCornerNotFound		Right of Way\Section Info\ClosingCornerNotFound	115	0	1
	QuarterCornerFoundEW		Right of Way\Section Info\QuarterCornerFoundEW	19	0	1
	QuarterCornerFoundNS		Right of Way\Section Info\QuarterCornerFoundNS	115	0	1
	QuarterCornerNotFoundEW		Right of Way\Section Info\QuarterCornerNotFoundEW	19	0	1
	QuarterCornerNotFoundNS		Right of Way\Section Info\QuarterCornerNotFoundNS	19	0	1

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Path	*Feature Definition Name*	*Description*	*Default/Root Element Template*	*Color*	*Line Style*	*Line Weight*
Point						
Right of Way						
Section Info						
	SectionCornerFound		Right of Way\Section Info\SectionCornerFound	19	0	1
	SectionCornerNotFound		Right of Way\Section Info\SectionCornerNotFound	115	0	1
Roadway						
Barrier						
	Bollard		Roadway\Barrier\Bollard	93	0	0
	BollardNew		Roadway\Barrier\BollardNew	77	0	0
	Gate		Roadway\Barrier\Gate	157	0	0
	GateNew		Roadway\Barrier\GateNew	141	0	0
	GateSingle		Roadway\Barrier\GateSingle	157	0	0
	GateSingleNew		Roadway\Barrier\GateSingleNew	141	0	0
	GuardrailAnchor		Roadway\Barrier\GuardrailAnchor	125	0	0
	GuidePost		Roadway\Barrier\GuidePost	93	0	0
	GuidePostNew		Roadway\Barrier\GuidePostNew	77	0	1
	ImpactAttenuator		Roadway\Barrier\ImpactAttenuator	125	0	0
	ImpactAttenuatorNew		Roadway\Barrier\ImpactAttenuatorNew	109	0	0
Markings						
	AerialSurvIncMarkFull		Roadway\Markings\Symbols\AerialSurvIncMarkFull	0	2	0
	AerialSurvIncMarkFullNew		Roadway\Markings\Symbols\AerialSurvIncMarkFullNew	0	0	0
	AerialSurvIncMarkHalf		Roadway\Markings\Symbols\AerialSurvIncMarkHalf	0	2	0
	AerialSurvIncMarkHalfNew		Roadway\Markings\Symbols\AerialSurvIncMarkHalfNew	0	0	0
	BikeSymb		Roadway\Markings\Symbols\BikeSymb	0	2	0
	BikeSymbArrow		Roadway\Markings\Symbols\BikeSymbArrow	0	2	0
	BikeSymbArrowNew		Roadway\Markings\Symbols\BikeSymbArrowNew	0	0	0
	BikeSymbNew		Roadway\Markings\Symbols\BikeSymbNew	0	0	0
	DrainageMark		Roadway\Markings\Symbols\DrainageMark	29	2	0
	DrainageMarkInlet		Roadway\Markings\Symbols\DrainageMarkInlet	29	2	0
	DrainageMarkInletNew		Roadway\Markings\Symbols\DrainageMarkInletNew	13	0	0
	DrainageMarkNew		Roadway\Markings\Symbols\DrainageMarkNew	13	0	0
	HCapParkingSymb		Roadway\Markings\Symbols\HCapParkingSymb	0	2	0
	HCapParkingSymbNew		Roadway\Markings\Symbols\HCapParkingSymbNew	0	0	0
	HOVSymb		Roadway\Markings\Symbols\HOVSymb	0	2	0
	HOVSymbNew		Roadway\Markings\Symbols\HOVSymbNew	0	0	1
	JBoxMark		Roadway\Markings\Symbols\JBoxMark	29	2	0
	JBoxMarkNew		Roadway\Markings\Symbols\JBoxMarkNew	13	0	0
	OnlySymb		Roadway\Markings\Symbols\ONLYSymb	0	2	0

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Path	*Feature Definition Name*	*Description*	*Default/Root Element Template*	*Color*	*Line Style*	*Line Weight*
Point						
Roadway						
Markings						
	OnlySymbNew		Roadway\Markings\Symbols\ONLYSymbNew	0	0	0
	PostSgnl		Roadway\Markings\Symbols\PostSgnl	29	0	0
	RRSymb		Roadway\Markings\Symbols\RRSymb	0	2	0
	RRSymbAlt		Roadway\Markings\Symbols\RRSymbAlt	0	2	0
	RRSymbAltNew		Roadway\Markings\Symbols\RRSymbAltNew	0	0	1
	RRSymbNew		Roadway\Markings\Symbols\RRSymbNew	0	0	1
	SharedLaneSymb		Roadway\Markings\Symbols\SharedLaneSymb	0	2	0
	SharedLaneSymbNew		Roadway\Markings\Symbols\SharedLaneSymbNew	0	0	0
	TrafficArrowRATypeL		Roadway\Markings\Symbols\TrafficArrowRATypeL	0	2	0
	TrafficArrowRATypeLC		Roadway\Markings\Symbols\TrafficArrowRATypeLC	0	2	0
	TrafficArrowRATypeLCNew		Roadway\Markings\Symbols\TrafficArrowRATypeLCNew	0	0	0
	TrafficArrowRATypeLNew		Roadway\Markings\Symbols\TrafficArrowRATypeLNew	0	0	0
	TrafficArrowRATypeLR		Roadway\Markings\Symbols\TrafficArrowRATypeLR	0	2	0
	TrafficArrowRATypeLRC		Roadway\Markings\Symbols\TrafficArrowRATypeLRC	0	2	0
	TrafficArrowRATypeLRCNew		Roadway\Markings\Symbols\TrafficArrowRATypeLRCNew	0	0	0
	TrafficArrowRATypeLRNew		Roadway\Markings\Symbols\TrafficArrowRATypeLRNew	0	0	0
	TrafficArrowRATypeLT		Roadway\Markings\Symbols\TrafficArrowRATypeLT	0	2	0
	TrafficArrowRATypeLTC		Roadway\Markings\Symbols\TrafficArrowRATypeLTC	0	2	0
	TrafficArrowRATypeLTCNew		Roadway\Markings\Symbols\TrafficArrowRATypeLTCNew	0	0	0
	TrafficArrowRATypeLTNew		Roadway\Markings\Symbols\TrafficArrowRATypeLTNew	0	0	0
	TrafficArrowRATypeLTR		Roadway\Markings\Symbols\TrafficArrowRATypeLTR	0	2	0
	TrafficArrowRATypeLTRC		Roadway\Markings\Symbols\TrafficArrowRATypeLTRC	0	2	0
	TrafficArrowRATypeLTRCNew		Roadway\Markings\Symbols\TrafficArrowRATypeLTRCNew	0	0	0
	TrafficArrowRATypeLTRNew		Roadway\Markings\Symbols\TrafficArrowRATypeLTRNew	0	0	0
	TrafficArrowRATypeT		Roadway\Markings\Symbols\TrafficArrowRATypeT	0	2	0
	TrafficArrowRATypeTC		Roadway\Markings\Symbols\TrafficArrowRATypeTC	0	2	0
	TrafficArrowRATypeTCNew		Roadway\Markings\Symbols\TrafficArrowRATypeTCNew	0	0	0
	TrafficArrowRATypeTNew		Roadway\Markings\Symbols\TrafficArrowRATypeTNew	0	0	0
	TrafficArrowRATypeTR		Roadway\Markings\Symbols\TrafficArrowRATypeTR	0	2	0
	TrafficArrowRATypeTRC		Roadway\Markings\Symbols\TrafficArrowRATypeTRC	0	2	0
	TrafficArrowRATypeTRCNew		Roadway\Markings\Symbols\TrafficArrowRATypeTRCNew	0	0	0
	TrafficArrowRATypeTRNew		Roadway\Markings\Symbols\TrafficArrowRATypeTRNew	0	0	0
	TrafficArrowType1		Roadway\Markings\Symbols\TrafficArrowType1	0	2	0
	TrafficArrowType1New		Roadway\Markings\Symbols\TrafficArrowType1New	0	0	0

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Listed color, line style, and line weight are the default bylevel attributes for the root Element Template. All elements shall be assigned a feature definition unless one is not available. In that case see S5.04 for the PS&E standard element template list.

Path	Feature Definition Name	Description	Default/Root Element Template	Color	Line Style	Line Weight
Point						
Roadway						
Markings						
	TrafficArrowType1S		Roadway\Markings\Symbols\TrafficArrowType1S	0	2	0
	TrafficArrowType1SNew		Roadway\Markings\Symbols\TrafficArrowType1SNew	0	0	0
	TrafficArrowType2L		Roadway\Markings\Symbols\TrafficArrowType2L	0	2	0
	TrafficArrowType2LNew		Roadway\Markings\Symbols\TrafficArrowType2LNew	0	0	0
	TrafficArrowType2R		Roadway\Markings\Symbols\TrafficArrowType2R	0	2	0
	TrafficArrowType2RNew		Roadway\Markings\Symbols\TrafficArrowType2RNew	0	0	0
	TrafficArrowType2SL		Roadway\Markings\Symbols\TrafficArrowType2SL	0	2	0
	TrafficArrowType2SLNew		Roadway\Markings\Symbols\TrafficArrowType2SLNew	0	0	0
	TrafficArrowType2SR		Roadway\Markings\Symbols\TrafficArrowType2SR	0	2	0
	TrafficArrowType2SRNew		Roadway\Markings\Symbols\TrafficArrowType2SRNew	0	0	0
	TrafficArrowType3L		Roadway\Markings\Symbols\TrafficArrowType3L	0	2	0
	TrafficArrowType3LNew		Roadway\Markings\Symbols\TrafficArrowType3LNew	0	0	0
	TrafficArrowType3R		Roadway\Markings\Symbols\TrafficArrowType3R	0	2	0
	TrafficArrowType3RNew		Roadway\Markings\Symbols\TrafficArrowType3RNew	0	0	0
	TrafficArrowType3SL		Roadway\Markings\Symbols\TrafficArrowType3SL	0	2	0
	TrafficArrowType3SLNew		Roadway\Markings\Symbols\TrafficArrowType3SLNew	0	0	0
	TrafficArrowType3SR		Roadway\Markings\Symbols\TrafficArrowType3SR	0	2	0
	TrafficArrowType3SRNew		Roadway\Markings\Symbols\TrafficArrowType3SRNew	0	0	0
	TrafficArrowType4		Roadway\Markings\Symbols\TrafficArrowType4	0	2	0
	TrafficArrowType4New		Roadway\Markings\Symbols\TrafficArrowType4New	0	0	0
	TrafficArrowType4S		Roadway\Markings\Symbols\TrafficArrowType4S	0	2	0
	TrafficArrowType4SNew		Roadway\Markings\Symbols\TrafficArrowType4SNew	0	0	0
	TrafficArrowType5		Roadway\Markings\Symbols\TrafficArrowType5	0	2	0
	TrafficArrowType5New		Roadway\Markings\Symbols\TrafficArrowType5New	0	0	0
	TrafficArrowType5S		Roadway\Markings\Symbols\TrafficArrowType5S	0	2	0
	TrafficArrowType5SNew		Roadway\Markings\Symbols\TrafficArrowType5SNew	0	0	0
	TrafficArrowType6L		Roadway\Markings\Symbols\TrafficArrowType6L	0	2	0
	TrafficArrowType6LNew		Roadway\Markings\Symbols\TrafficArrowType6LNew	0	0	0
	TrafficArrowType6R		Roadway\Markings\Symbols\TrafficArrowType6R	0	2	0
	TrafficArrowType6RNew		Roadway\Markings\Symbols\TrafficArrowType6RNew	0	0	0
	TrafficArrowType6SL		Roadway\Markings\Symbols\TrafficArrowType6SL	0	2	0
	TrafficArrowType6SLNew		Roadway\Markings\Symbols\TrafficArrowType6SLNew	0	0	0
	TrafficArrowType6SR		Roadway\Markings\Symbols\TrafficArrowType6SR	0	2	0
	TrafficArrowType6SRNew		Roadway\Markings\Symbols\TrafficArrowType6SRNew	0	0	0

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Path	*Feature Definition Name*	*Description*	*Default/Root Element Template*	*Color*	*Line Style*	*Line Weight*
Point						
Roadway						
Markings						
	TrafficArrowType7		Roadway\Markings\Symbols\TrafficArrowType7	0	2	0
	TrafficArrowType7New		Roadway\Markings\Symbols\TrafficArrowType7New	0	0	0
	TrafficArrowType7S		Roadway\Markings\Symbols\TrafficArrowType7S	0	2	0
	TrafficArrowType7SNew		Roadway\Markings\Symbols\TrafficArrowType7SNew	0	0	0
	TrafficButton		Roadway\Markings\Symbols\TrafficButton	29	0	0
	YieldAheadSymbType1		Roadway\Markings\Symbols\YieldAheadSymbType1	0	2	0
	YieldAheadSymbType1New		Roadway\Markings\Symbols\YieldAheadSymbType1New	0	0	1
	YieldAheadSymbType2		Roadway\Markings\Symbols\YieldAheadSymbType2	0	2	0
	YieldAheadSymbType2New		Roadway\Markings\Symbols\YieldAheadSymbType2New	0	0	1
	YieldSymbType1		Roadway\Markings\Symbols\YieldSymbType1	0	2	0
	YieldSymbType1New		Roadway\Markings\Symbols\YieldSymbType1New	0	0	1
	YieldSymbType2		Roadway\Markings\Symbols\YieldSymbType2	0	2	0
	YieldSymbType2New		Roadway\Markings\Symbols\YieldSymbType2New	0	0	1
Site						
Points						
	ParkingAislePoint		Site\Points\ParkingAislePoint	1	0	0
	ParkingBayPoint		Site\Points\ParkingBayPoint	2	0	0
	ParkingIslandPoint		Site\Points\ParkingIslandPoint	3	0	0
	ParkingSpacePoint		Site\Points\ParkingSpacePoint	4	0	0
Structures						
Bridges						
	BridgeDeckSelective		Structures\Bridges\BridgeDeckSelective	151	0	0
	QuarryBackfillNew		Structures\Bridges\QuarryBackfillNew	7	0	0
	QuarrySpallingNew		Structures\Bridges\QuarrySpallingNew	7	0	0
Graving Dock						
	BasinCraneRailNew		Structures\Graving Dock\BasinCraneRailNew	185	0	2
	BasinFishTrenchNew		Structures\Graving Dock\BasinFishTrenchNew	19	0	0
	BasinTideLevel		Structures\Graving Dock\BasinTideLevel	177	0	1
	BollardNew		Roadway\Barrier\BollardNew	77	0	0
	MoorageDolphinNew		Structures\Graving Dock\MoorageDolphinNew	0	0	0
	MooragePileNew		Structures\Graving Dock\MooragePileNew	12	0	1
Terrain						
Existing						
	SpotElevation		Terrain\Existing\SpotElevation	94	0	0
New						
	SpotElevationNew		Terrain\New\SpotElevationNew	78	0	0
Points						

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Path	Feature Definition Name	Description	Default/Root Element Template	Color	Line Style	Line Weight
Point						
Terrain						
Points						
	DTMCheck		Terrain\Points\DTMCheck	0	0	0
	GenericPoint		Terrain\Points\GenericPoint	0	0	0
	LIDARAirborne		Terrain\Points\LIDARAirborne	6	0	0
	LIDARTerrestrial		Terrain\Points\LIDARTerrestrial	6	0	0
Topography						
Manmade						
	BoreHoleOrDrillHole		Topography\Manmade\BoreHoleOrDrillHole	158	0	1
	BoreHoleOrDrillHoleNew		Topography\Manmade\BoreHoleOrDrillHoleNew	142	0	1
	ConcreteSelective		Topography\Manmade\ConcreteSelective	58	0	0
	FlagPole		Topography\Manmade\FlagPole	126	0	0
	GasTank		Topography\Manmade\GasTank	126	0	2
	GeoTechInstrument		Topography\Manmade\GeoTechInstrument	158	0	0
	MailBox		Topography\Manmade\MailBox	126	0	1
	MailBoxNew		Topography\Manmade\MailBoxNew	110	0	1
	MonitorWell		Topography\Manmade\MonitorWell	158	0	0
	MonitorWellNew		Topography\Manmade\MonitorWellNew	142	0	0
	OilTank		Topography\Manmade\OilTank	126	0	2
	ParkingMeter		Topography\Manmade\ParkingMeter	126	0	0
	Piezometer		Topography\Manmade\Piezometer	158	0	0
	PiezometerNew		Topography\Manmade\PiezometerNew	142	0	0
	Piling		Topography\Manmade\Piling	126	0	0
	PostMetal		Topography\Manmade\PostMetal	126	0	0
	PostWood		Topography\Manmade\PostWood	126	0	0
	PvmntSelective		Topography\Manmade\PvmntSelective	122	0	0
	QuarrySymb		Topography\Manmade\QuarrySymb	126	0	1
	Tank		Topography\Manmade\Tank	126	0	0
	UnknownObject		Topography\Manmade\UnknownObject	126	2	2
	WaterTank		Topography\Manmade\WaterTank	126	0	2
	Well		Topography\Manmade\Well	126	2	0
	YardLight		Topography\Manmade\YardLight	126	0	0
Natural						
	GroundSelective		Topography\Natural\GroundSelective	26	0	0
	Log		Environmental\Landscape\Log1	9	0	1
	NonStandard		Topography\Natural\NonStandard	26	0	0
	Rock		Topography\Natural\Rock	154	0	0

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Path	*Feature Definition Name*	*Description*	*Default/Root Element Template*	*Color*	*Line Style*	*Line Weight*
Point						
Topography						
Natural						
	Sounding		Topography\Natural\Sounding	17	0	0
	Stump		Environmental\Landscape\Stump	9	0	1
	TreeByCenter		Topography\Natural\TreeByCenter	94	0	0
	TreeByEdge		Topography\Natural\TreeByEdge	94	0	0
	UnknownObject		Topography\Manmade\UnknownObject	126	2	2
Traffic						
Illumination						
	BarrierRecMountedLightNew		Traffic\Illumination\BarrierRecMountedLightNew	6	0	2
	ControllerCabinet		Traffic\Illumination\ControllerCabinet	22	0	0
	ControllerCabinetNew		Traffic\Illumination\ControllerCabinetNew	6	0	2
	ElectricalServiceCab		Traffic\Illumination\ElectricalServiceCab	22	0	0
	ElectricalServiceCabNew		Traffic\Illumination\ElectricalServiceCabNew	6	0	2
	ExpanFitAXDXNew		Traffic\Illumination\ExpanFitAXDXNew	102	0	2
	ExpanFitDXNew		Traffic\Illumination\ExpanFitDXNew	102	0	2
	FluorescentLight		Traffic\Illumination\FluorescentLight	150	0	0
	JBox1		Traffic\Illumination\Boxes\JBox1	22	0	0
	JBox1New		Traffic\Illumination\Boxes\JBox1New	6	0	2
	JBox2		Traffic\Illumination\Boxes\JBox2	22	0	0
	JBox2New		Traffic\Illumination\Boxes\JBox2New	6	0	2
	JBox3		Traffic\Illumination\Boxes\JBox3	22	0	0
	JBox3New		Traffic\Illumination\Boxes\JBox3New	6	0	2
	JBox4(Traffic-bearing)		Traffic\Illumination\Boxes\JBox4(Traffic-bearing)	22	0	0
	JBox4(Traffic-bearing)New		Traffic\Illumination\Boxes\JBox4(Traffic-bearing)New	6	0	2
	JBox5(Traffic-bearing)		Traffic\Illumination\Boxes\JBox5(Traffic-bearing)	22	0	0
	JBox5(Traffic-bearing)New		Traffic\Illumination\Boxes\JBox5(Traffic-bearing)New	6	0	2
	JBox6(Traffic-bearing)		Traffic\Illumination\Boxes\JBox6(Traffic-bearing)	22	0	0
	JBox6(Traffic-bearing)New		Traffic\Illumination\Boxes\JBox6(Traffic-bearing)New	6	0	2
	JBox7(NoLock)		Traffic\Illumination\Boxes\JBox7(NoLock)	22	0	0
	JBox7(NoLock)New		Traffic\Illumination\Boxes\JBox7(NoLock)New	6	0	2
	JBox8(WithLock)		Traffic\Illumination\Boxes\JBox8(WithLock)	22	0	0
	JBox8(WithLock)New		Traffic\Illumination\Boxes\JBox8(WithLock)New	6	0	2
	JBoxAerial		Traffic\Illumination\Boxes\JBoxAerial	22	0	0
	JBoxAerialNew		Traffic\Illumination\Boxes\JBoxAerialNew	6	0	2
	JBoxNEMA		Traffic\Illumination\Boxes\JBoxNEMA	22	0	0
	JBoxNEMANew		Traffic\Illumination\Boxes\JBoxNEMANew	6	0	2

S5.03 PS&E Feature Definitions

The listing below provides a complete list of standard PS&E Feature Definitions by path/category. Feature Definitions include associated groups of annotation, symbology, and element attribute information.

Listed color, line style, and line weight are the default bylevel attributes for the root Element Template. All elements shall be assigned a feature definition unless one is not available. In that case see S5.04 for the PS&E standard element template list.

Path	*Feature Definition Name*	*Description*	*Default/Root Element Template*	*Color*	*Line Style*	*Line Weight*
Point						
Traffic						
Illumination						
	JBoxUnknown		Traffic\Illumination\Boxes\JBoxUnknown	22	0	0
	LightPole		Traffic\Illumination\LightPole	54	0	0
	LightStdCellWithNumberNew		Traffic\Illumination\LightStdCellWithNumberNew	38	0	2
	LightStdDblMetal		Traffic\Illumination\LightStdDblMetal	54	0	0
	LightStdDblMetalNew		Traffic\Illumination\LightStdDblMetalNew	38	0	2
	LightStdDblTimber		Traffic\Illumination\LightStdDblTimber	54	0	0
	LightStdDblTimberNew		Traffic\Illumination\LightStdDblTimberNew	38	0	2
	LightStdGeneric		Traffic\Illumination\LightStdGeneric	54	0	0
	LightStdGenericNew		Traffic\Illumination\LightStdGenericNew	38	0	2
	LightStdQuadMetal		Traffic\Illumination\LightStdQuadMetal	54	0	0
	LightStdQuadMetalNew		Traffic\Illumination\LightStdQuadMetalNew	38	0	2
	LightStdSixMetal		Traffic\Illumination\LightStdSixMetal	54	0	0
	LightStdSixMetalNew		Traffic\Illumination\LightStdSixMetalNew	38	0	2
	LightStdSnglMetal		Traffic\Illumination\LightStdSnglMetal	54	0	0
	LightStdSnglMetalNew		Traffic\Illumination\LightStdSnglMetalNew	38	0	2
	LightStdSnglTimber		Traffic\Illumination\LightStdSnglTimber	54	0	0
	LightStdSnglTimberNew		Traffic\Illumination\LightStdSnglTimberNew	38	0	2
	LightStdTimberTempNew		Traffic\Illumination\LightStdTimberTempNew	38	0	2
	LightStdTriMetal		Traffic\Illumination\LightStdTriMetal	54	0	0
	LightStdTriMetalNew		Traffic\Illumination\LightStdTriMetalNew	38	0	2
	LuminaireDblUnderdeck		Traffic\Illumination\LuminaireDblUnderdeck	150	0	0
	LuminaireDblUnderdeckNew		Traffic\Illumination\LuminaireDblUnderdeckNew	102	0	2
	LuminaireUnderdeck		Traffic\Illumination\LuminaireUnderdeck	150	0	0
	LuminaireUnderdeckNew		Traffic\Illumination\LuminaireUnderdeckNew	102	0	2
	NavigationLight		Traffic\Illumination\NavigationLight	150	0	0
	NavigationLightNew		Traffic\Illumination\NavigationLightNew	102	0	2
	PitchforkLight		Traffic\Illumination\PitchforkLight	150	0	0
	PitchforkLightNew		Traffic\Illumination\PitchforkLightNew	102	0	2
	Pole		Traffic\Illumination\Pole	118	0	0
	PoleNew		Traffic\Illumination\PoleNew	102	0	2
	PullBox		Traffic\Illumination\Boxes\PullBox	150	0	0
	PullBoxNew		Traffic\Illumination\Boxes\PullBoxNew	102	0	2
	SignLight		Traffic\Illumination\SignLight	150	0	0
	SignLightNew		Traffic\Illumination\SignLightNew	102	0	2

S5.03 PS&E Feature Definitions

The listing below provides a complete list of standard PS&E Feature Definitions by path/category. Feature Definitions include associated groups of annotation, symbology, and element attribute information.

Listed color, line style, and line weight are the default bylevel attributes for the root Element Template. All elements shall be assigned a feature definition unless one is not available. In that case see S5.04 for the PS&E standard element template list.

Path	*Feature Definition Name*	*Description*	*Default/Root Element Template*	*Color*	*Line Style*	*Line Weight*
Point						
Traffic						
Illumination						
	StrnPoleAnchor		Traffic\Illumination\StrnPoleAnchor	118	0	2
	StrnPoleAnchorNew		Traffic\Illumination\StrnPoleAnchorNew	102	0	2
	TimberPole		Traffic\Illumination\TimberPole	150	0	0
	TimberPoleNew		Traffic\Illumination\TimberPoleNew	102	0	2
	WallpackLight		Traffic\Illumination\WallpackLight	150	0	0
	WallpackLightNew		Traffic\Illumination\WallpackLightNew	102	0	2
Signals						
	3SignalHeadLeftNew		Traffic\Signals\Ramp-Signal\3SignalHeadLeftNew	6	0	2
	3SignalHeadMastLeftNew		Traffic\Signals\Ramp-Signal\3SignalHeadMastLeftNew	6	0	2
	3SignalHeadMastNew		Traffic\Signals\Ramp-Signal\3SignalHeadMastNew	6	0	2
	3SignalHeadNew		Traffic\Signals\Ramp-Signal\3SignalHeadNew	6	0	2
	4SignalHeadMastNew		Traffic\Signals\Ramp-Signal\4SignalHeadMastNew	6	0	2
	4SignalHeadNew		Traffic\Signals\Ramp-Signal\4SignalHeadNew	6	0	2
	ControllerCabinet		Traffic\Illumination\ControllerCabinet	22	0	0
	ControllerCabinetNew		Traffic\Illumination\ControllerCabinetNew	6	0	2
	DetLoopDiamond		Traffic\Signals\Detection Loops\DetLoopDiamond	150	0	0
	DetLoopDiamondNew		Traffic\Signals\Detection Loops\DetLoopDiamondNew	102	0	2
	DetLoopType16x15		Traffic\Signals\Detection Loops\DetLoopType16x15	150	0	0
	DetLoopType16x15New		Traffic\Signals\Detection Loops\DetLoopType16x15New	102	0	2
	DetLoopType16x30		Traffic\Signals\Detection Loops\DetLoopType16x30	150	0	0
	DetLoopType16x30New		Traffic\Signals\Detection Loops\DetLoopType16x30New	102	0	2
	DetLoopType16x50		Traffic\Signals\Detection Loops\DetLoopType16x50	150	0	0
	DetLoopType16x50New		Traffic\Signals\Detection Loops\DetLoopType16x50New	102	0	2
	DetLoopType26x6		Traffic\Signals\Detection Loops\DetLoopType26x6	150	0	0
	DetLoopType26x6New		Traffic\Signals\Detection Loops\DetLoopType26x6New	102	0	2
	DetLoopType3		Traffic\Signals\Detection Loops\DetLoopType3	150	0	0
	DetLoopType3a		Traffic\Signals\Detection Loops\DetLoopType3a	150	0	0
	DetLoopType3aNew		Traffic\Signals\Detection Loops\DetLoopType3aNew	102	0	2
	DetLoopType3New		Traffic\Signals\Detection Loops\DetLoopType3New	102	0	2
	ElectServiceCabinet		Traffic\Signals\ElectServiceCabinet	54	0	0
	ElectServiceCabinetNew		Traffic\Signals\ElectServiceCabinetNew	38	0	2
	EmergPreemptDet		Traffic\Signals\EmergPreemptDet	22	0	0
	EmergPreemptDetNew		Traffic\Signals\EmergPreemptDetNew	6	0	2
	EmergPreemptIndicator		Traffic\Signals\EmergPreemptIndicator	22	0	0
	EmergPreemptIndicatorNew		Traffic\Signals\EmergPreemptIndicatorNew	6	0	2

S5.03 PS&E Feature Definitions

The listing below provides a complete list of standard PS&E Feature Definitions by path/category. Feature Definitions include associated groups of annotation, symbology, and element attribute information.

Listed color, line style, and line weight are the default bylevel attributes for the root Element Template. All elements shall be assigned a feature definition unless one is not available. In that case see S5.04 for the PS&E standard element template list.

Path	*Feature Definition Name*	*Description*	*Default/Root Element Template*	*Color*	*Line Style*	*Line Weight*
Point						
Traffic						
Signals						
	ExpanFitAXDXNew		Traffic\Illumination\ExpanFitAXDXNew	102	0	2
	ExpanFitDXNew		Traffic\Illumination\ExpanFitDXNew	102	0	2
	FlashingBeacon		Traffic\Signals\FlashingBeacon	22	0	0
	FlashingBeaconNew		Traffic\Signals\FlashingBeaconNew	6	0	2
	JBox1		Traffic\Illumination\Boxes\JBox1	22	0	0
	JBox1New		Traffic\Illumination\Boxes\JBox1New	6	0	2
	JBox2		Traffic\Illumination\Boxes\JBox2	22	0	0
	JBox2New		Traffic\Illumination\Boxes\JBox2New	6	0	2
	JBox3		Traffic\Illumination\Boxes\JBox3	22	0	0
	JBox3New		Traffic\Illumination\Boxes\JBox3New	6	0	2
	JBox4(Traffic-bearing)		Traffic\Illumination\Boxes\JBox4(Traffic-bearing)	22	0	0
	JBox4(Traffic-Bearing)New		Traffic\Illumination\Boxes\JBox4(Traffic-bearing)New	6	0	2
	JBox5(Traffic-bearing)		Traffic\Illumination\Boxes\JBox5(Traffic-bearing)	22	0	0
	JBox5(Traffic-bearing)New		Traffic\Illumination\Boxes\JBox5(Traffic-bearing)New	6	0	2
	JBox6(Traffic-bearing)		Traffic\Illumination\Boxes\JBox6(Traffic-bearing)	22	0	0
	JBox6(Traffic-bearing)New		Traffic\Illumination\Boxes\JBox6(Traffic-bearing)New	6	0	2
	JBox7(NoLock)		Traffic\Illumination\Boxes\JBox7(NoLock)	22	0	0
	JBox7(NoLock)New		Traffic\Illumination\Boxes\JBox7(NoLock)New	6	0	2
	JBox8(WithLock)		Traffic\Illumination\Boxes\JBox8(WithLock)	22	0	0
	JBox8(WithLock)New		Traffic\Illumination\Boxes\JBox8(WithLock)New	6	0	2
	JBoxAerial		Traffic\Illumination\Boxes\JBoxAerial	22	0	0
	JBoxAerialNew		Traffic\Illumination\Boxes\JBoxAerialNew	6	0	2
	JBoxNEMA		Traffic\Illumination\Boxes\JBoxNEMA	22	0	0
	JBoxNEMANew		Traffic\Illumination\Boxes\JBoxNEMANew	6	0	2
	JBoxUnknown		Traffic\Illumination\Boxes\JBoxUnknown	22	0	0
	LightStdCellWithNumberNew		Traffic\Illumination\LightStdCellWithNumberNew	38	0	2
	LightStdDblMetal		Traffic\Illumination\LightStdDblMetal	54	0	0
	LightStdDblMetalNew		Traffic\Illumination\LightStdDblMetalNew	38	0	2
	LightStdDblTimber		Traffic\Illumination\LightStdDblTimber	54	0	0
	LightStdDblTimberNew		Traffic\Illumination\LightStdDblTimberNew	38	0	2
	LightStdGeneric		Traffic\Illumination\LightStdGeneric	54	0	0
	LightStdGenericNew		Traffic\Illumination\LightStdGenericNew	38	0	2
	LightStdQuadMetal		Traffic\Illumination\LightStdQuadMetal	54	0	0
	LightStdQuadMetalNew		Traffic\Illumination\LightStdQuadMetalNew	38	0	2

S5.03 PS&E Feature Definitions

The listing below provides a complete list of standard PS&E Feature Definitions by path/category. Feature Definitions include associated groups of annotation, symbology, and element attribute information.

Listed color, line style, and line weight are the default bylevel attributes for the root Element Template. All elements shall be assigned a feature definition unless one is not available. In that case see S5.04 for the PS&E standard element template list.

Path	*Feature Definition Name*	*Description*	*Default/Root Element Template*	*Color*	*Line Style*	*Line Weight*
Point						
Traffic						
Signals						
	LightStdSixMetal		Traffic\Illumination\LightStdSixMetal	54	0	0
	LightStdSixMetalNew		Traffic\Illumination\LightStdSixMetalNew	38	0	2
	LightStdSnglMetal		Traffic\Illumination\LightStdSnglMetal	54	0	0
	LightStdSnglMetalNew		Traffic\Illumination\LightStdSnglMetalNew	38	0	2
	LightStdSnglTimber		Traffic\Illumination\LightStdSnglTimber	54	0	0
	LightStdSnglTimberNew		Traffic\Illumination\LightStdSnglTimberNew	38	0	2
	LightStdTimberTempNew		Traffic\Illumination\LightStdTimberTempNew	38	0	2
	LightStdTriMetal		Traffic\Illumination\LightStdTriMetal	54	0	0
	LightStdTriMetalNew		Traffic\Illumination\LightStdTriMetalNew	38	0	2
	MastArmSign		Traffic\Signals\MastArmSign	22	0	0
	MastArmSignNew		Traffic\Signals\MastArmSignNew	6	0	2
	MastArmTenonNew		Traffic\Signals\MastArmTenonNew	6	0	2
	PedestrianLightNew		Traffic\Signals\Pedestrian\PedestrianLightNew	102	0	2
	PedPushButton		Traffic\Signals\Pedestrian\PedPushButton	118	0	0
	PedPushButtonNew		Traffic\Signals\Pedestrian\PedPushButtonNew	102	0	2
	PedPushButtonPost		Traffic\Signals\Pedestrian\PedPushButtonPost	118	0	0
	PedPushButtonPostNew		Traffic\Signals\Pedestrian\PedPushButtonPostNew	102	0	2
	PedSignalHeadDbl		Traffic\Signals\Pedestrian\PedSignalHeadDbl	118	0	1
	PedSignalHeadDblNew		Traffic\Signals\Pedestrian\PedSignalHeadDblNew	102	0	2
	PedSignalHeadL		Traffic\Signals\Pedestrian\PedSignalHeadL	118	0	1
	PedSignalHeadLNew		Traffic\Signals\Pedestrian\PedSignalHeadLNew	102	0	2
	PedSignalHeadR		Traffic\Signals\Pedestrian\PedSignalHeadR	118	0	1
	PedSignalHeadRNew		Traffic\Signals\Pedestrian\PedSignalHeadRNew	102	0	2
	PedSignalHeadST		Traffic\Signals\Pedestrian\PedSignalHeadST	118	0	1
	PedSignalHeadSTNew		Traffic\Signals\Pedestrian\PedSignalHeadSTNew	102	0	2
	Pole		Traffic\Illumination\Pole	118	0	0
	PoleNew		Traffic\Illumination\PoleNew	102	0	2
	RampMeterSignal		Traffic\Signals\Ramp-Signal\RampMeterSignal	22	0	0
	RampMeterSignalLT		Traffic\Signals\Ramp-Signal\RampMeterSignalLT	22	0	0
	RampMeterSignalLTNew		Traffic\Signals\Ramp-Signal\RampMeterSignalLTNew	6	0	2
	RampMeterSignalNew		Traffic\Signals\Ramp-Signal\RampMeterSignalNew	6	0	2
	RampMeterSignalRT		Traffic\Signals\Ramp-Signal\RampMeterSignalRT	22	0	0
	RampMeterSignalRTNew		Traffic\Signals\Ramp-Signal\RampMeterSignalRTNew	6	0	2
	SignalBoxUnknown		Traffic\Signals\Boxes\JBoxUnknown	54	0	0

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Listed color, line style, and line weight are the default bylevel attributes for the root Element Template. All elements shall be assigned a feature definition unless one is not available. In that case see S5.04 for the PS&E standard element template list.

Path	*Feature Definition Name*	*Description*	*Default/Root Element Template*	*Color*	*Line Style*	*Line Weight*
Point						
Traffic						
Signals						
	SignalHead		Traffic\Signals\Ramp-Signal\SignalHead	22	0	0
	SignalHeadFutureNew		Traffic\Signals\Ramp-Signal\SignalHeadFutureNew	6	0	2
	SignalHeadHoriz		Traffic\Signals\Ramp-Signal\SignalHeadHoriz	22	0	0
	SignalHeadHorizNew		Traffic\Signals\Ramp-Signal\SignalHeadHorizNew	6	0	2
	SignalHeadNew		Traffic\Signals\Ramp-Signal\SignalHeadNew	6	0	2
	SignalLoopUnknown		Traffic\Signals\Detection Loops\SignalLoopUnknown	22	0	0
	SignalPoleUnknown		Traffic\Signals\Ramp-Signal\SignalPoleUnknown	22	0	0
	SignalStdType1or4		Traffic\Signals\Ramp-Signal\SignalStdType1or4	22	0	0
	SignalStdType1or4New		Traffic\Signals\Ramp-Signal\SignalStdType1or4New	6	0	2
	SignalStdType2		Traffic\Signals\Ramp-Signal\SignalStdType2	22	0	0
	SignalStdType2New		Traffic\Signals\Ramp-Signal\SignalStdType2New	6	0	2
	SignalStdType3		Traffic\Signals\Ramp-Signal\SignalStdType3	22	0	0
	SignalStdType3New		Traffic\Signals\Ramp-Signal\SignalStdType3New	6	0	2
	SignalStdType5		Traffic\Signals\Ramp-Signal\SignalStdType5	22	0	0
	SignalStdType5New		Traffic\Signals\Ramp-Signal\SignalStdType5New	6	0	2
	StrnPoleAnchor		Traffic\Illumination\StrnPoleAnchor	118	0	2
	StrnPoleAnchorNew		Traffic\Illumination\StrnPoleAnchorNew	102	0	2
	TimberPole		Traffic\Illumination\TimberPole	150	0	0
	TimberPoleNew		Traffic\Illumination\TimberPoleNew	102	0	2
	Transformer		Traffic\Signals\Transformer	54	0	0
	TransformerNew		Traffic\Signals\TransformerNew	38	0	2
	UtilityCompanyPedestal		Traffic\Signals\UtilityCompanyPedestal	54	0	1
	UtilityCompanyPedestalNew		Traffic\Signals\UtilityCompanyPedestalNew	38	0	2
Signing						
	ConstructionSigns		Traffic\Signing\ConstructionSigns - See Traffic_Signs_Detour.cel	38	0	0
	GuideSigns		Traffic\Signing\GuideSigns - See Traffic_Signs.cel	38	0	0
	InterstateShield		Traffic\Signing\InterstateShield	54	0	2
	MonotubeCantilever		Traffic\Signing\MonotubeCantilever	86	0	0
	MonotubeCantileverNew		Traffic\Signing\MonotubeCantileverNew	70	0	2
	MonotubeSignBridge		Traffic\Signing\MonotubeSignBridge	86	0	0
	MonotubeSignBridgeNew		Traffic\Signing\MonotubeSignBridgeNew	70	0	2
	OverheadSign		Traffic\Signing\OverheadSign	22	0	0
	OverheadSignNew		Traffic\Signing\OverheadSignNew	6	0	0
	RegulatorySigns		Traffic\Signing\RegulatorySigns - See Traffic_Signs.cel	38	0	0
	SeqArrowSignBothNew		Traffic\Signing\SeqArrowSignBothNew	6	0	0

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Listed color, line style, and line weight are the default bylevel attributes for the root Element Template. All elements shall be assigned a feature definition unless one is not available. In that case see S5.04 for the PS&E standard element template list.

Path	*Feature Definition Name*	*Description*	*Default/Root Element Template*	*Color*	*Line Style*	*Line Weight*
Point						
Traffic						
Signing						
	SeqArrowSignLTNew		Traffic\Signing\SeqArrowSignLTNew	6	0	0
	SeqArrowSignRTNew		Traffic\Signing\SeqArrowSignRTNew	6	0	0
	Sign		Traffic\Signing\Sign	22	0	1
	SignBBoardMultiPost		Traffic\Signing\SignBBoardMultiPost	118	0	0
	SignBBoardSnglPost		Traffic\Signing\SignBBoardSnglPost	118	0	0
	SignDblPost		Traffic\Signing\SignDblPost	118	0	0
	SignDblPostNew		Traffic\Signing\SignDblPostNew	102	0	0
	SignFlushWall		Traffic\Signing\SignFlushWall	22	0	0
	SignFlushWallNew		Traffic\Signing\SignFlushWallNew	6	0	0
	SignFourPost		Traffic\Signing\SignFourPost	118	0	0
	SignFourPostNew		Traffic\Signing\SignFourPostNew	6	0	0
	SignFromWall		Traffic\Signing\SignFromWall	22	0	0
	SignFromWallNew		Traffic\Signing\SignFromWallNew	6	0	0
	SignNew		Traffic\Signing\SignNew	6	0	1
	SignSnglPost		Traffic\Signing\SignSnglPost	118	0	0
	SignSnglPostNew		Traffic\Signing\SignSnglPostNew	102	0	0
	SignTriplePost		Traffic\Signing\SignTriplePost	118	0	0
	SignTriplePostNew		Traffic\Signing\SignTriplePostNew	102	0	0
	StateRouteShield		Traffic\Signing\StateRouteShield	54	0	1
	TrussCantilever		Traffic\Signing\TrussCantilever	86	0	0
	TrussCantileverNew		Traffic\Signing\TrussCantileverNew	70	0	2
	TrussSignBridge		Traffic\Signing\TrussSignBridge	86	0	0
	TrussSignBridgeNew		Traffic\Signing\TrussSignBridgeNew	70	0	2
	USRouteShield		Traffic\Signing\USRouteShield	54	0	1
	WarningSigns		Traffic\Signing\WarningSigns - See Traffic_Signs.cel	38	0	0
	WashingtonShield		Traffic\Signing\WashingtonShield	54	0	1
Traffic Systems						
	AdvancedWarningSign		Traffic\Traffic Systems\AdvancedWarningSign	86	0	0
	AdvancedWarningSignNew		Traffic\Traffic Systems\AdvancedWarningSignNew	70	0	2
	ATMControlCabinet		Traffic\Traffic Systems\ATMControlCabinet	19	0	0
	ATMControlCabinetNew		Traffic\Traffic Systems\ATMControlCabinetNew	6	0	2
	CableVault		Traffic\Traffic Systems\CableVault	54	0	0
	CableVaultNew		Traffic\Traffic Systems\CableVaultNew	38	0	2
	CCTVCamera		Traffic\Traffic Systems\CCTVCamera	150	0	0
	CCTVCameraNew		Traffic\Traffic Systems\CCTVCameraNew	102	0	2

S5.03 PS&E Feature Definitions

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Listed color, line style, and line weight are the default bylevel attributes for the root Element Template. All elements shall be assigned a feature definition unless one is not available. In that case see S5.04 for the PS&E standard element template list.

Path	*Feature Definition Name*	*Description*	*Default/Root Element Template*	*Color*	*Line Style*	*Line Weight*
Point						
Traffic						
Traffic Systems						
	CCTVControlCabinet		Traffic\Traffic Systems\CCTVControlCabinet	150	0	0
	CCTVControlCabinetNew		Traffic\Traffic Systems\CCTVControlCabinetNew	102	0	2
	CommunicationsHub		Traffic\Traffic Systems\CommunicationsHub	54	0	0
	CommunicationsHubNew		Traffic\Traffic Systems\CommunicationsHubNew	38	0	2
	DataStation		Traffic\Traffic Systems\DataStation	54	0	0
	DataStationNew		Traffic\Traffic Systems\DataStationNew	38	0	2
	FiberTerminalCabinet		Traffic\Traffic Systems\FiberTerminalCabinet	19	0	0
	FiberTerminalCabinetNew		Traffic\Traffic Systems\FiberTerminalCabinetNew	6	0	2
	HARControlCabinet		Traffic\Traffic Systems\HARControlCabinet	86	0	0
	HARControlCabinetNew		Traffic\Traffic Systems\HARControlCabinetNew	70	0	2
	HARSign		Traffic\Traffic Systems\HARSign	86	0	0
	HARSignNew		Traffic\Traffic Systems\HARSignNew	70	0	2
	HARTransmitter		Traffic\Traffic Systems\HARTransmitter	86	0	0
	HARTransmitterNew		Traffic\Traffic Systems\HARTransmitterNew	70	0	2
	InductionLoopType2Mod		Traffic\Traffic Systems\InductionLoopType2Mod	54	0	0
	JBox1		Traffic\Illumination\Boxes\JBox1	22	0	0
	JBox1New		Traffic\Illumination\Boxes\JBox1New	6	0	2
	JBox2		Traffic\Illumination\Boxes\JBox2	22	0	0
	JBox2New		Traffic\Illumination\Boxes\JBox2New	6	0	2
	JBox3		Traffic\Illumination\Boxes\JBox3	22	0	0
	JBox3New		Traffic\Illumination\Boxes\JBox3New	6	0	2
	JBox4(Traffic-bearing)		Traffic\Illumination\Boxes\JBox4(Traffic-bearing)	22	0	0
	JBox4(Traffic-bearing)New		Traffic\Illumination\Boxes\JBox4(Traffic-bearing)New	6	0	2
	JBox5(Traffic-bearing)		Traffic\Illumination\Boxes\JBox5(Traffic-bearing)	22	0	0
	JBox5(Traffic-bearing)New		Traffic\Illumination\Boxes\JBox5(Traffic-bearing)New	6	0	2
	JBox6(Traffic-bearing)		Traffic\Illumination\Boxes\JBox6(Traffic-bearing)	22	0	0
	JBox6(Traffic-bearing)New		Traffic\Illumination\Boxes\JBox6(Traffic-bearing)New	6	0	2
	JBox7(NoLock)		Traffic\Illumination\Boxes\JBox7(NoLock)	22	0	0
	JBox7(NoLock)New		Traffic\Illumination\Boxes\JBox7(NoLock)New	6	0	2
	JBox8(WithLock)		Traffic\Illumination\Boxes\JBox8(WithLock)	22	0	0
	JBox8(WithLock)New		Traffic\Illumination\Boxes\JBox8(WithLock)New	6	0	2
	JBoxAerial		Traffic\Illumination\Boxes\JBoxAerial	22	0	0
	JBoxAerialNew		Traffic\Illumination\Boxes\JBoxAerialNew	6	0	2
	JBoxNEMA		Traffic\Illumination\Boxes\JBoxNEMA	22	0	0

S5.03 PS&E Feature Definitions

The listing below provides a complete list of standard PS&E Feature Definitions by path/category. Feature Definitions include associated groups of annotation, symbology, and element attribute information.

Listed color, line style, and line weight are the default bylevel attributes for the root Element Template. All elements shall be assigned a feature definition unless one is not available. In that case see S5.04 for the PS&E standard element template list.

Path	*Feature Definition Name*	*Description*	*Default/Root Element Template*	*Color*	*Line Style*	*Line Weight*
Point						
Traffic						
Traffic Systems						
	JBoxNEMANew		Traffic\Illumination\Boxes\JBoxNEMANew	6	0	2
	JBoxUnknown		Traffic\Illumination\Boxes\JBoxUnknown	22	0	0
	LaneControlSign		Traffic\Traffic Systems\LaneControlSign	19	0	0
	LaneControlSignNew		Traffic\Traffic Systems\LaneControlSignNew	6	0	2
	PermTrafficRecorderCab		Traffic\Traffic Systems\PermTrafficRecorderCab	19	0	0
	PermTrafficRecorderCabNew		Traffic\Traffic Systems\PermTrafficRecorderCabNew	6	0	2
	PowerPanel		Traffic\Traffic Systems\PowerPanel	19	0	0
	PowerPanelNew		Traffic\Traffic Systems\PowerPanelNew	6	0	2
	PullBox		Traffic\Illumination\Boxes\PullBox	150	0	0
	PullBoxNew		Traffic\Illumination\Boxes\PullBoxNew	102	0	2
	RemoteAmplifierCabinet		Traffic\Traffic Systems\RemoteAmplifierCabinet	19	0	0
	RemoteAmplifierCabinetNew		Traffic\Traffic Systems\RemoteAmplifierCabinetNew	6	0	2
	SCDIBox		Traffic\Traffic Systems\Boxes\SCDIBox	86	0	0
	SCDIBoxNew		Traffic\Traffic Systems\Boxes\SCDIBoxNew	70	0	2
	Sensor		Traffic\Traffic Systems\Sensor	19	0	0
	SensorNew		Traffic\Traffic Systems\SensorNew	6	0	2
	SideMountDymanicSign		Traffic\Traffic Systems\SideMountDynamicSign	19	0	0
	SideMountDymanicSignNew		Traffic\Traffic Systems\SideMountDynamicSignNew	6	0	2
	SignalType1		Traffic\Traffic Systems\SignalType1	54	0	0
	SignalType1New		Traffic\Traffic Systems\SignalType1New	38	0	2
	SignalType2		Traffic\Traffic Systems\SignalType2	54	0	0
	SignalType2New		Traffic\Traffic Systems\SignalType2New	38	0	2
	TerminalCabinet		Traffic\Traffic Systems\TerminalCabinet	54	0	0
	TerminalCabinetNew		Traffic\Traffic Systems\TerminalCabinetNew	38	0	2
	TollCabinet		Traffic\Traffic Systems\TollCabinet	86	0	0
	TollCabinetNew		Traffic\Traffic Systems\TollCabinetNew	70	0	2
	TollGantry2wEnfSignal		Traffic\Traffic Systems\TollGantry2wEnfSignal	86	0	0
	TollGantry2wEnfSignalNew		Traffic\Traffic Systems\TollGantry2wEnfSignalNew	70	0	2
	TollRateSign		Traffic\Traffic Systems\TollRateSign	86	0	0
	TollRateSignNew		Traffic\Traffic Systems\TollRateSignNew	70	0	2
	TransformerCabinet		Traffic\Traffic Systems\TransformerCabinet	54	0	0
	TransformerCabinetNew		Traffic\Traffic Systems\TransformerCabinetNew	38	0	2
	VMSControlCabinet		Traffic\Traffic Systems\VMSControlCabinet	118	0	0
	VMSControlCabinetNew		Traffic\Traffic Systems\VMSControlCabinetNew	102	0	2

S5.03 PS&E Feature Definitions

The listing below provides a complete list of standard PS&E Feature Definitions by path/category. Feature Definitions include associated groups of annotation, symbology, and element attribute information.

Listed color, line style, and line weight are the default bylevel attributes for the root Element Template. All elements shall be assigned a feature definition unless one is not available. In that case see S5.04 for the PS&E standard element template list.

Path	Feature Definition Name	Description	Default/Root Element Template	Color	Line Style	Line Weight
Point						
Traffic						
Traffic Systems						
	VMSOverhead		Traffic\Traffic Systems\VMSOverhead	118	0	0
	VMSOverheadNew		Traffic\Traffic Systems\VMSOverheadNew	102	0	2
	VMSShoulder		Traffic\Traffic Systems\VMSShoulder	118	0	0
	VMSShoulderNew		Traffic\Traffic Systems\VMSShoulderNew	102	0	2
Work Zone						
	ArrowDetourRoute		Traffic\Work Zone\ArrowDetourRoute	102	0	4
	ArrowLeftStrRightTurn		Traffic\Work Zone\ArrowLeftStrRightTurn	102	0	1
	ArrowLeftTurn		Traffic\Work Zone\ArrowLeftTurn	102	0	1
	ArrowRightTurn		Traffic\Work Zone\ArrowRightTurn	102	0	1
	ArrowStraight		Traffic\Work Zone\ArrowStraight	102	0	1
	ArrowStraightLeftTurn		Traffic\Work Zone\ArrowStraightLeftTurn	102	0	1
	ArrowStraightRightTurn		Traffic\Work Zone\ArrowStraightRightTurn	102	0	1
	BarricadeType2		Traffic\Work Zone\BarricadeType2	102	0	2
	BarricadeType3		Traffic\Work Zone\BarricadeType3	102	0	2
	BarrierAttenuator		Traffic\Work Zone\BarrierAttenuator	38	0	1
	Double2WayArrow		Traffic\Work Zone\Double2WayArrow	102	0	1
	FlaggingStation		Traffic\Work Zone\FlaggingStation	102	0	1
	GuidePostTemp		Traffic\Work Zone\GuidePostTemp	102	0	1
	ImpactAttenuator40mph		Traffic\Work Zone\ImpactAttenuatorTL2	102	0	1
	ImpactAttenuator60mph		Traffic\Work Zone\ImpactAttenuatorTL3	102	0	1
	LawEnforcementFlagger		Traffic\Work Zone\UPOFlagger	99	0	1
	PortableLightStandard		Traffic\Work Zone\TempLighting	102	0	1
	PortableSignMount		Traffic\Work Zone\PortableSignMount	102	0	1
	Sign		Traffic\Signing\Sign	22	0	1
	SignNew		Traffic\Signing\SignNew	6	0	1
	TrafficSafetyDrum		Traffic\Work Zone\TrafficSafetyDrum	102	0	2
	TransportableAttenuator		Traffic\Work Zone\TransportableAttenuator	228	0	1
	WarningBeacon		Traffic\Work Zone\WarningBeacon	102	0	1
	WarningFlag		Traffic\Work Zone\WarningFlag	102	0	1
	WarningFlare		Traffic\Work Zone\WarningFlare	102	0	1
Utilities						
Communication						
	CablePedestal		Utilities\Communication\CablePedestal	21	0	0
	CablePedestalNew		Utilities\Communication\CablePedestalNew	5	0	0
	CommunicationAntenna		Utilities\Communication\CommunicationAntenna	21	0	1

S5.03 PS&E Feature Definitions

The listing below provides a complete list of standard PS&E Feature Definitions by path/category. Feature Definitions include associated groups of annotation, symbology, and element attribute information.

Listed color, line style, and line weight are the default bylevel attributes for the root Element Template. All elements shall be assigned a feature definition unless one is not available. In that case see S5.04 for the PS&E standard element template list.

Path	*Feature Definition Name*	*Description*	*Default/Root Element Template*	*Color*	*Line Style*	*Line Weight*
Point						
Utilities						
Communication						
	CommunicationHandHole		Utilities\Communication\CommunicationHandHole	21	0	0
	CommunicationHandHoleNew		Utilities\Communication\CommunicationHandHoleNew	5	0	1
	CommunicationMonopole		Utilities\Communication\CommunicationMonopole	21	0	1
	CommunicationPedestal		Utilities\Communication\CommunicationPedestal	21	0	0
	CommunicationPullBox		Utilities\Communication\CommunicationPullBox	21	0	0
	CommunicationPullBoxNew		Utilities\Communication\CommunicationPullBoxNew	5	0	1
	DummyNode_Communication		Utilities\Communication\DummyNode_Communication	21	0	0
	Manhole		Drainage\Structures\Manhole	49	0	0
	ManholeNew		Drainage\Structures\ManholeNew	33	0	0
	SteelTransmissionTower		Utilities\Communication\SteelTransmissionTower	21	0	1
	TelephoneBooth		Utilities\Communication\TelephoneBooth	21	0	0
	TelephoneBoothNew		Utilities\Communication\TelephoneBoothNew	5	0	1
	TelephoneBox		Utilities\Communication\TelephoneBox	21	0	0
	TelephoneBoxNew		Utilities\Communication\TelephoneBoxNew	5	0	1
	TelephoneManhole		Utilities\Communication\TelephoneManhole	21	0	0
	TelephoneManholeNew		Utilities\Communication\TelephoneManholeNew	5	0	1
	TelephonePedestal		Utilities\Communication\TelephonePedestal	21	0	0
	TelephonePedestalNew		Utilities\Communication\TelephonePedestalNew	5	0	0
	TelephonePole		Utilities\Communication\TelephonePole	21	0	0
	TelephonePoleNew		Utilities\Communication\TelephonePoleNew	5	0	1
	UndGndCableBox		Utilities\Communication\UndGndCableBox	21	0	0
	UndGndCableBoxNew		Utilities\Communication\UndGndCableBoxNew	5	0	1
	UndGndCommunicationVault		Utilities\Communication\UndGndCommunicationVault	21	0	0
	UndGndCommunicatVaultNew		Utilities\Communication\UndGndCommunicatVaultNew	5	0	1
	UndGndTelephoneBox		Utilities\Communication\UndGndTelephoneBox	21	0	0
	UndGndTelephoneBoxNew		Utilities\Communication\UndGndTelephoneBoxNew	5	0	1
	UnknownPedestal		Utilities\Communication\UnknownPedestal	21	0	0
	WoodenTransmissionTower		Utilities\Communication\WoodenTransmissionTower	21	0	1
Gas						
	DummyNode_Gas		Utilities\Gas\DummyNode_Gas	182	0	0
	GasMeterBox		Utilities\Gas\GasMeterBox	53	0	0
	GasMeterBoxNew		Utilities\Gas\GasMeterBoxNew	37	0	1
	ValveBoxGas		Utilities\Gas\ValveBoxGas	53	0	0
	ValveBoxGasNew		Utilities\Gas\ValveBoxGasNew	37	0	1
General Utility Items						

S5.03 PS&E Feature Definitions

The listing below provides a complete list of standard PS&E Feature Definitions by path/category. Feature Definitions include associated groups of annotation, symbology, and element attribute information.

Listed color, line style, and line weight are the default bylevel attributes for the root Element Template. All elements shall be assigned a feature definition unless one is not available. In that case see S5.04 for the PS&E standard element template list.

Path	*Feature Definition Name*	*Description*	*Default/Root Element Template*	*Color*	*Line Style*	*Line Weight*
Point						
Utilities						
General Utility Items						
	AboveGroundUtilityPoint		Utilities\General Utility Items\AboveGroundUtilityPoint	21	0	0
	BusPedestal		Utilities\General Utility Items\BusPedestal	19	0	0
	CenterOfStructure		Utilities\General Utility Items\CenterOfStructure	21	0	0
	DownGuyAnchor		Utilities\General Utility Items\DownGuyAnchor	21	0	0
	DownGuyAnchorNew		Utilities\General Utility Items\DownGuyAnchorNew	5	0	1
	GuyPole		Utilities\General Utility Items\GuyPole	21	0	0
	GuyPoleNew		Utilities\General Utility Items\GuyPoleNew	5	0	1
	PipeBraceAnchor		Utilities\General Utility Items\PipeBraceAnchor	0	0	0
	PipeBraceAnchorNew		Utilities\General Utility Items\PipeBraceAnchorNew	0	0	1
	PotholeLocation		Utilities\General Utility Items\PotholeLocation	21	0	0
	UtilityBox		Utilities\General Utility Items\UtilityBox	21	0	0
	UtilityBoxNew		Utilities\General Utility Items\UtilityBoxNew	5	0	1
	UtilityManhole		Utilities\General Utility Items\UtilityManhole	21	0	0
	UtilityManholeNew		Utilities\General Utility Items\UtilityManholeNew	5	0	1
	UtilityMarkerPost		Utilities\General Utility Items\UtilityMarkerPost	21	0	0
	UtilityMarkerPostNew		Utilities\General Utility Items\UtilityMarkerPostNew	5	0	1
	UtilityPole		Utilities\General Utility Items\UtilityPole	21	0	0
	UtilityPoleNew		Utilities\General Utility Items\UtilityPoleNew	5	0	1
	UtilityVault		Utilities\General Utility Items\UtilityVault	21	0	0
	UtilityVaultNew		Utilities\General Utility Items\UtilityVaultNew	5	0	1
	ValveBox		Utilities\General Utility Items\ValveBox	21	0	0
	ValveBoxNew		Utilities\General Utility Items\ValveBoxNew	5	0	1
	Vent		Utilities\General Utility Items\Vent	21	0	0
Power						
	DummyNode_Power		Utilities\Power\DummyNode_Power	117	0	0
	ElectBox		Utilities\Power\ElectBox	117	0	0
	ElectBoxNew		Utilities\Power\ElectBoxNew	101	0	1
	EngineGenerator		Utilities\Power\EngineGenerator	117	0	0
	EngineGeneratorNew		Utilities\Power\EngineGeneratorNew	101	0	1
	GroundRod		Utilities\Power\GroundRod	117	0	3
	PowerBox		Utilities\Power\PowerBox	117	0	0
	PowerBoxNew		Utilities\Power\PowerBoxNew	101	0	1
	PowerHandHole		Utilities\Power\PowerHandHole	117	0	0
	PowerHandHoleNew		Utilities\Power\PowerHandHoleNew	101	0	1
	PowerManhole		Utilities\Power\PowerManhole	117	0	0

S5.03 PS&E Feature Definitions

The listing below provides a complete list of standard PS&E Feature Definitions by path/category. Feature Definitions include associated groups of annotation, symbology, and element attribute information.

Listed color, line style, and line weight are the default bylevel attributes for the root Element Template. All elements shall be assigned a feature definition unless one is not available. In that case see S5.04 for the PS&E standard element template list.

Path	*Feature Definition Name*	*Description*	*Default/Root Element Template*	*Color*	*Line Style*	*Line Weight*
Point						
Utilities						
Power						
	PowerManholeNew		Utilities\Power\PowerManholeNew	101	0	1
	PowerMeterBox		Utilities\Power\PowerMeterBox	117	0	0
	PowerPole		Utilities\Power\PowerPole	117	0	0
	PowerPoleNew		Utilities\Power\PowerPoleNew	101	0	1
	PowerPullbox		Utilities\Power\PowerPullBox	117	0	0
	PowerPullboxNew		Utilities\Power\PowerPullBoxNew	101	0	1
	SteelTransmissionTower		Utilities\Communication\SteelTransmissionTower	21	0	1
	SwitchGear		Utilities\Power\SwitchGear	117	0	0
	SwitchGearNew		Utilities\Power\SwitchGearNew	101	0	1
	Transformer		Traffic\Signals\Transformer	54	0	0
	TransformerNew		Traffic\Signals\TransformerNew	38	0	2
	UndGndPowerVault		Utilities\Power\UndGndPowerVault	117	0	0
	UndGndPowerVaultNew		Utilities\Power\UndGndPowerVaultNew	101	0	1
	WoodenTransmissionTower		Utilities\Communication\WoodenTransmissionTower	21	0	1
Sanitary Sewer						
	DummyNode_SanSewer		Utilities\Sanitary Sewer\DummyNode_Power	149	0	0
	FlowlinePoint		Utilities\Sanitary Sewer\FlowlinePoint	149	0	0
	SanSewerCleanOut		Utilities\Sanitary Sewer\SanSewerCleanOut	149	0	0
	SanSewerManhole		Utilities\Sanitary Sewer\SanSewerManhole	149	0	0
	SanSewerManholeNew		Utilities\Sanitary Sewer\SanSewerManholeNew	133	0	1
	ValveBoxSanSewer		Utilities\Sanitary Sewer\ValveBoxSanSewer	149	0	0
	ValveBoxSanSewerNew		Utilities\Sanitary Sewer\ValveBoxSanSewerNew	133	0	1
Water						
	DummyNode		Utilities\Water\DummyNode_Water	182	0	0
	FireDeptConnPost		Utilities\Water\FireDeptConnPost	85	0	0
	FireDeptConnWall		Utilities\Water\FireDeptConnWall	85	0	0
	FireHydrant		Utilities\Water\FireHydrant	85	0	0
	FireHydrantNew		Utilities\Water\FireHydrantNew	69	0	1
	UndGndTank		Utilities\Water\UndGndTank	85	0	0
	UndGndWaterVault		Utilities\Water\UndGndWaterVault	85	0	0
	UndGndWaterVaultNew		Utilities\Water\UndGndWaterVaultNew	69	0	1
	ValveBoxWater		Utilities\Water\ValveBoxWater	85	0	0
	ValveBoxWaterNew		Utilities\Water\ValveBoxWaterNew	69	0	1
	ValveRelease		Utilities\Water\ValveRelease	85	0	0
	WaterManhole		Utilities\Water\WaterManhole	85	0	0

S5.03 PS&E Feature Definitions

The listing below provides a complete list of standard PS&E Feature Definitions by path/category. Feature Definitions include associated groups of annotation, symbology, and element attribute information.

Listed color, line style, and line weight are the default bylevel attributes for the root Element Template. All elements shall be assigned a feature definition unless one is not available. In that case see S5.04 for the PS&E standard element template list.

Path	*Feature Definition Name*	*Description*	*Default/Root Element Template*	*Color*	*Line Style*	*Line Weight*
Point						
Utilities						
Water						
	WaterManholeNew		Utilities\Water\WaterManholeNew	69	0	1
	WaterMeterBox		Utilities\Water\WaterMeterBox	85	0	0
	WaterMeterBoxNew		Utilities\Water\WaterMeterBoxNew	69	0	1

S5.04 PS&E Element Templates

The element template listing below provides a complete list of standard PS&E elements by path/category. When a feature definition is not available for a given element, an element template shall be assigned.

Path	Element Template Name	Level	Color	Line Style	Line Weight
Drainage					
Ditches					
	DitchBottom3D	DR_PP_DitchBottom	17	DR_PP_DitchBottom	1
	DitchBottomNew3D	DR_PP_DitchBottomNew	1	DR_PP_DitchBottomNew	1
Pipes					
	Gutter	DR_PP_Gutter	113	0	0
	GutterNew	DR_PP_GutterNew	129	0	0
Structures					
	DropInletType2	DR_ST_DropInletType2	49	0	0
	Inlet	DR_ST_Inlet	49	0	0
	InletNew	DR_ST_InletNew	33	0	0
Text					
	DrainagePipesText	DR_PP_DrainagePipesText	17	0	0
	DrainagePipesTextNew	DR_PP_DrainagePipesTextNew	1	0	0
	DrainageStructuresText	DR_ST_DrainageStructuresText	17	0	0
	DrainageStructuresTextNew	DR_ST_DrainageStructuresTextNe	1	0	0
Environmental					
Call-Out Flags					
	IrrigFlag	EV_IR_Flag	9	0	0
	WireNoteFlag	EV_IR_WireNoteFlag	9	0	0
Erosion Control					
	GenericCheckDamNew	EV_EC_GenericCheckDamNew	9	0	0
	GeoCheckDamNew	EV_EC_GeoCheckDamNew	9	0	0
	RockCheckDamNew	EV_EC_RockCheckDamNew	9	0	0

S5.04 PS&E Element Templates

The element template listing below provides a complete list of standard PS&E elements by path/category. When a feature definition is not available for a given element, an element template shall be assigned.

Path	Element Template Name	Level	Color	Line Style	Line Weight
Environmental					
Erosion Control					
	SandCheckDamNew	EV_EC_SandCheckDamNew	9	0	0
	TopsoilNew	EV_EC_TopsoilNew	9	0	0
HEC_RAS					
	HecRasXsec	EV_HR_HecRasXsec	23	0	1
Irrigation					
	IrrigBox	EV_IR_IrrigBox	23	0	0
	IrrigBoxNew	EV_IR_IrrigBoxNew	9	0	0
	IrrigController	EV_IR_IrrigController	23	0	0
	IrrigControllerNew	EV_IR_IrrigControllerNew	9	0	0
	IrrigMeter	EV_IR_IrrigMeter	23	0	0
	IrrigMeterNew	EV_IR_IrrigMeterNew	9	0	0
	IrrigSprinklerHead75	EV_IR_IrrigSprinklerHead75	23	0	1
	IrrigSprinklerHead75New	EV_IR_IrrigSprinklerHead75New	9	0	2
	IrrigSprinklerHeadFull	EV_IR_IrrigSprinklerHeadFull	23	0	1
	IrrigSprinklerHeadFullNew	EV_IR_IrrigSprinklerHeadFullNew	9	0	2
	IrrigSprinklerHeadHalf	EV_IR_IrrigSprinklerHeadHalf	23	0	1
	IrrigSprinklerHeadHalfNew	EV_IR_IrrigSprinklerHeadHalfNew	9	0	2
	IrrigValve	EV_IR_IrrigValve	23	0	0
	IrrigValveNew	EV_IR_IrrigValveNew	9	0	0
	WiringandConduit	EV_IR_WiringandConduit	105	6	2
Landscape					
	CompostCoarse2	EV_LS_CompostCoarse2	9	0	0
	CriticalRootZoneInner	EV_LS_CriticalRootZoneInner	15	7	1
	CriticalRootZoneOuter	EV_LS_CriticalRootZoneOuter	23	0	1

S5.04 PS&E Element Templates

The element template listing below provides a complete list of standard PS&E elements by path/category. When a feature definition is not available for a given element, an element template shall be assigned.

Path	Element Template Name	Level	Color	Line Style	Line Weight
Environmental Landscape					
	Log2	EV_LS_Log	9	0	1
	Log3	EV_LS_Log	9	0	1
	Log4	EV_LS_Log	9	0	1
	Log5	EV_LS_Log	9	0	1
	Log6	EV_LS_Log	9	0	1
	Log7	EV_LS_Log	9	0	1
	Log8	EV_LS_Log	9	0	1
	PlantingEdgeNew	EV_LS_PlantingEdgeNew	13	0	0
	PlantingWetlandRestore2	EV_LS_PlantingWetlandRestore2	0	0	1
	SeedingWetNative	EV_LS_SeedingWetNative	9	0	1
	ShrubElev1	EV_LS_ShrubElev	23	0	1
	ShrubElev10	EV_LS_ShrubElev	23	0	1
	ShrubElev2	EV_LS_ShrubElev	23	0	1
	ShrubElev3	EV_LS_ShrubElev	23	0	1
	ShrubElev4	EV_LS_ShrubElev	23	0	1
	ShrubElev5	EV_LS_ShrubElev	23	0	1
	ShrubElev6	EV_LS_ShrubElev	23	0	1
	ShrubElev7	EV_LS_ShrubElev	23	0	1
	ShrubElev8	EV_LS_ShrubElev	23	0	1
	ShrubElev9	EV_LS_ShrubElev	23	0	1
	TransitionalGuidanceNew	EV_LS_TransitionalGuidanceNew	4	0	0
	Tree10	EV_LS_Tree	23	0	1
	Tree11	EV_LS_Tree	23	0	1
	Tree12	EV_LS_Tree	23	0	1
	Tree13	EV_LS_Tree	23	0	1

S5.04 PS&E Element Templates

The element template listing below provides a complete list of standard PS&E elements by path/category. When a feature definition is not available for a given element, an element template shall be assigned.

Path	Element Template Name	Level	Color	Line Style	Line Weight
Environmental Landscape					
	Tree14	EV_LS_Tree	23	0	1
	Tree15	EV_LS_Tree	23	0	1
	Tree16	EV_LS_Tree	23	0	1
	Tree17	EV_LS_Tree	23	0	1
	Tree18	EV_LS_Tree	23	0	1
	Tree2	EV_LS_Tree	23	0	1
	Tree3	EV_LS_Tree	23	0	1
	Tree4	EV_LS_Tree	23	0	1
	Tree5	EV_LS_Tree	23	0	1
	Tree6	EV_LS_Tree	23	0	1
	Tree7	EV_LS_Tree	23	0	1
	Tree8	EV_LS_Tree	23	0	1
	Tree9	EV_LS_Tree	23	0	1
	TreeDeciduous2New	EV_LS_TreeDeciduousNew	11	0	0
	TreeDeciduous3New	EV_LS_TreeDeciduousNew	11	0	0
	TreeDeciduous4New	EV_LS_TreeDeciduousNew	11	0	0
	TreeDeciduous5New	EV_LS_TreeDeciduousNew	11	0	0
	TreeDeciduous6New	EV_LS_TreeDeciduousNew	11	0	0
	TreeDeciduous7New	EV_LS_TreeDeciduousNew	11	0	0
	TreeDeciduous8New	EV_LS_TreeDeciduousNew	11	0	0
	TreeElev10	EV_LS_TreeElev	23	0	1
	TreeElev11	EV_LS_TreeElev	23	0	1
	TreeElev12	EV_LS_TreeElev	23	0	1
	TreeElev13	EV_LS_TreeElev	23	0	1
	TreeElev14	EV_LS_TreeElev	23	0	1

S5.04 PS&E Element Templates

The element template listing below provides a complete list of standard PS&E elements by path/category. When a feature definition is not available for a given element, an element template shall be assigned.

Path	Element Template Name	Level	Color	Line Style	Line Weight
Environmental					
Landscape					
	TreeElev15	EV_LS_TreeElev	23	0	1
	TreeElev2	EV_LS_TreeElev	23	0	1
	TreeElev3	EV_LS_TreeElev	23	0	1
	TreeElev4	EV_LS_TreeElev	23	0	1
	TreeElev5	EV_LS_TreeElev	23	0	1
	TreeElev6	EV_LS_TreeElev	23	0	1
	TreeElev7	EV_LS_TreeElev	23	0	1
	TreeElev8	EV_LS_TreeElev	23	0	1
	TreeElev9	EV_LS_TreeElev	23	0	1
	TreeEvergreen2New	EV_LS_TreeEvergreenNew	34	0	0
	TreeEvergreen3New	EV_LS_TreeEvergreenNew	34	0	0
	TreeEvergreen4New	EV_LS_TreeEvergreenNew	34	0	0
	TreeEvergreen5New	EV_LS_TreeEvergreenNew	34	0	0
Permits					
	AreaPotentialEffectLT	EV_EP_AreaPotentialEffectLT	7	EV_EP_AreaPotentialEffectLT	0
	AreaPotentialEffectRT	EV_EP_AreaPotentialEffectRT	7	EV_EP_AreaPotentialEffectRT	0
	BufferImpactPerm	EV_EP_BufferImpactPerm	6	0	2
	BufferImpactTemp	EV_EP_BufferImpactTemp	45	0	1
	ConvBufferToWetland	EV_EP_ConvBufferToWetland	17	0	1
	ConvStreamToStreamBuffer	EV_EP_ConvStreamToStreamBuffe	28	0	2
	ConvWetlandToBuffer	EV_EP_ConvWetlandToBuffer	14	0	0
	RockStreambedMaterial	EV_EP_RockStreambedMaterial	5	0	1
	WetlandEnhancement	EV_EP_WetlandEnhancement	0	0	0
	WetlandEstabishment	EV_EP_WetlandEstablishment	0	0	0
	WetlandImpactIndirect	EV_EP_WetlandImpactIndirect	0	0	0

S5.04 PS&E Element Templates

The element template listing below provides a complete list of standard PS&E elements by path/category. When a feature definition is not available for a given element, an element template shall be assigned.

Path	Element Template Name	Level	Color	Line Style	Line Weight
Environmental Permits					
	WetlandImpactShading	EV_EP_WetlandImpactShading	0	0	0
	WetlandPreservation	EV_EP_WetlandPreservation	0	0	0
	WetlandReestablishment	EV_EP_WetlandReestablishment	85	0	1
River Hydraulics					
	Boulder	EV_RH_Boulder	151	0	0
	CulvertBottomless	SH_DT_RH_CulvertBottomless	0	0	0
	Log	EV_RH_Log	151	2	1
	LogAnchorToeLog	SH_DT_RH_LogAnchorToeLog	0	0	0
Text					
	AreaMeasurements	EV_LS_AreaMeasurements	41	0	0
	EnviroPermitText	EV_EP_EnviroPermitText	0	0	0
	EnviroPermitTextNew	EV_EP_EnviroPermitTextNew	0	0	0
	ErosionControlText	EV_EC_ErosionControlText	23	0	0
	ErosionControlTextNew	EV_EC_ErosionControlTextNew	9	0	0
	HydraulicsText	EV_RH_HydraulicsText	151	0	0
	HydraulicsTextNew	EV_RH_HydraulicsTextNew	137	0	0
	IrrigText	EV_IR_IrrigText	23	0	0
	IrrigTextNew	EV_IR_IrrigTextNew	9	0	0
	LandscapeText	EV_LS_LandscapeText	55	0	0
	LandscapeTextNew	EV_LS_LandscapeTextNew	41	0	0
	LineSizeText	EV_IR_LineSizeText	9	0	0
	SlopeTextNew	EV_RH_SlopeTextNew	137	0	0
	WaterSurfaceElevationText	EV_RH_WaterSurfaceElevationText	151	0	0
	WetlandsText	EV_WE_WetlandsText	23	0	0

S5.04 PS&E Element Templates

The element template listing below provides a complete list of standard PS&E elements by path/category. When a feature definition is not available for a given element, an element template shall be assigned.

Path	Element Template Name	Level	Color	Line Style	Line Weight
Environmental Text					
	WetlandsTextNew	EV_WE_WetlandsTextNew	41	0	0
Wetlands					
	Buffer	EV_WE_Buffer	87	EV_WE_Buffer	2
	BufferNew	EV_WE_BufferNew	41	EV_WE_Buffer	2
	DitchLineJurisdictional	EV_WE_DitchLineJurisdictional	0	EV_WE_DitchLineJurisdictional	2
	DitchLineNonJurisdictional	EV_WE_DitchLineNonJurisdictional	0	0	2
	Emergent	EV_WE_Emergent	119	3	2
	EmergentNew	EV_WE_EmergentNew	105	0	2
	HighTideLineFlag	EV_WE_HighTideLineFlag	55	0	0
	StreamImpactTemp	EV_WE_StreamImpactTemp	17	0	1
	StreamRestoration	EV_WE_StreamRestoration	92	0	1
	TempStreamBufferImpact	EV_WE_TempStreamBufferImpact	0	0	1
	WaterEdgeRiver	EV_WE_WaterEdgeRiver	119	3	2
	WaterEdgeRiverNew	EV_WE_WaterEdgeRiverNew	105	3	2
	WaterEdgeStream	EV_WE_WaterEdgeStream	119	3	2
	WaterEdgeStreamNew	EV_WE_WaterEdgeStreamNew	105	3	2
	WaterLineHighTide	EV_WE_WaterLineHighTide	23	EV_WE_WaterLineHighTide	0
	WaterLineHighTideNew	EV_WE_WaterLineHighTideNew	23	EV_WE_WaterLineHighTide	2
	WaterLineMeanHigherHighNew	EV_WE_WaterLineMeanHigherHig	23	EV_WE_WaterLineMeanHigherHig	2
	WaterLineMeanHighNew	EV_WE_WaterLineMeanHighNew	23	EV_WE_WaterLineMeanHigh	2
	WaterLineMeanLowerLowNew	EV_WE_WaterLineMeanLowerLow	23	EV_WE_WaterLineMeanLowerLow	2
	WaterLineMeanLowNew	EV_WE_WaterLineMeanLowNew	23	EV_WE_WaterLineMeanLow	2
	WaterLineOrdinaryHighNew	EV_WE_WaterLineOrdinaryHighNe	0	EV_WE_WaterLineOrdinaryHigh	2
	WetlandBndry	EV_WE_WetlandBndry	55	EV_WE_WetlandBndry	2
	WetlandBndryNew	EV_WE_WetlandBndryNew	41	EV_WE_WetlandBndryNew	3

S5.04 PS&E Element Templates

The element template listing below provides a complete list of standard PS&E elements by path/category. When a feature definition is not available for a given element, an element template shall be assigned.

Path	Element Template Name	Level	Color	Line Style	Line Weight
Environmental					
Wetlands					
	WetlandConstructedNew	EV_WE_WetlandConstructedNew	41	0	0
	WetlandSymbNew	EV_WE_WetlandSymbNew	73	0	0
Imagery					
Raster Images					
	RasterLevel1	IM_RI_RasterLevel1	0	0	0
	RasterLevel2	IM_RI_RasterLevel2	0	0	0
	RasterLevel3	IM_RI_RasterLevel3	0	0	0
	RasterLevel4	IM_RI_RasterLevel4	0	0	0
	RasterLevel5	IM_RI_RasterLevel5	0	0	0
	RasterLevel6	IM_RI_RasterLevel6	0	0	0
Monument					
Photo					
	PhotoControlPointsText	MN_PH_PhotoControlPointsText	92	0	0
	PhotoGridTic	MN_PH_PhotoGridTic	92	0	1
Right of Way					
Parcels					
Region Parcel Number					
	ParcelNumberER	RW_PA_ParcelNumberER	19	0	2
	ParcelNumberNCR	RW_PA_ParcelNumberNCR	19	0	2
	ParcelNumberNWR	RW_PA_ParcelNumberNWR	19	0	2
	ParcelNumberOR	RW_PA_ParcelNumberOR	19	0	2
	ParcelNumberSCR	RW_PA_ParcelNumberSCR	19	0	2
	ParcelNumberSWR	RW_PA_ParcelNumberSWR	19	0	2
Text					
	BearingsText	RW_SC_BearingsText	19	2	0

S5.04 PS&E Element Templates

The element template listing below provides a complete list of standard PS&E elements by path/category. When a feature definition is not available for a given element, an element template shall be assigned.

Path	Element Template Name	Level	Color	Line Style	Line Weight
Right of Way					
Text					
	CenterofSectionsText	RW_SC_CenterofSectionsText	19	0	0
	CityNamesText	RW_PA_CityNamesText	19	0	1
	ControlSectionText	RW_GB_ControlSectionText	19	0	0
	DescriptionsText	RW_SC_DescriptionsText	19	0	0
	GovtBndryText	RW_GB_GovtBndryText	19	0	0
	GovtLotIDText	RW_SC_GovtLotIDText	147	0	0
	HighwayRWBndryPSESOText	RW_BD_HighwayRWBndryPSESOT	19	0	0
	InterchangeNamesText	RW_PA_InterchangeNamesText	19	0	1
	RangeLinesText	RW_SC_RangeLinesText	115	0	2
	SubdivisionsNamesText	RW_PA_SubdivisionsNamesText	51	0	1
	TownshipRangeLineText	RW_SC_TownshipRangeLineText	147	0	2
Roadway					
Curb-Gutter-Sidewalk					
	DetectableWarningSurfaceNew	RD_CG_DetectableWarningSurface	77	0	1
	DetectableWarningSurfacePattern	RD_CG_DetectableWarningSurface	125	0	0
	DetectableWarningSurfacePattern	RD_CG_DetectableWarningSurface	77	0	1
Edges					
	CutLineNew3D	RD_ED_CutLineNew	110	RD_ED_CutLineNew	0
	FillLineNew3D	RD_ED_FillLineNew	142	RD_ED_FillLineNew	0
	RumbleStrip	RD_MK_RumbleStrip	29	RD_MK_RumbleStrip	0
	RumbleStripNew	RD_MK_RumbleStripNew	13	RD_MK_RumbleStripNew	0
Markings					
Symbols					
	RaisedPvmntMarkerType1	RD_MK_RaisedPvmntMarkerType1	29	0	0
	RaisedPvmntMarkerType1New	RD_MK_RaisedPvmntMarkerType1	13	0	1

S5.04 PS&E Element Templates

The element template listing below provides a complete list of standard PS&E elements by path/category. When a feature definition is not available for a given element, an element template shall be assigned.

Path	Element Template Name	Level	Color	Line Style	Line Weight
Roadway					
Markings					
	RaisedPvmntMarkerType2	RD_MK_RaisedPvmntMarkerType2	29	0	0
	RaisedPvmntMarkerType2New	RD_MK_RaisedPvmntMarkerType2	13	0	1
	RaisedPvmntMarkerType3	RD_MK_RaisedPvmntMarkerType3	29	0	0
	RaisedPvmntMarkerType3New	RD_MK_RaisedPvmntMarkerType3	13	0	1
Text					
	BarrierText	RD_BR_BarrierText	61	0	0
	BarrierTextNew	RD_BR_BarrierTextNew	45	0	0
	BermText	RD_BM_BermText	29	0	0
	BermTextNew	RD_BM_BermTextNew	13	0	0
	CurbGutterSidewalkText	RD_CG_CurbGutterSidewalkText	61	0	0
	CurbGutterSidewalkTextNew	RD_CG_CurbGutterSidewalkTextN	45	0	0
	RoadwayEdgesText	RD_ED_RoadwayEdgesText	29	0	0
	RoadwayEdgesTextNew	RD_ED_RoadwayEdgesTextNew	13	0	0
	RoadwayMarkingText	RD_MK_RoadwayMarkingText	29	0	0
	RoadwayMarkingTextNew	RD_MK_RoadwayMarkingTextNew	13	0	0
	RoadwayNamesText	RD_ED_RoadwayNamesText	29	0	0
	SawcutTextNew	RD_ED_SawcutTextNew	141	0	0
Sheet					
Borders					
PS&E					
	Corps Of Engineers Sheet	SH_GI_SheetBorder	0	0	0
	Cross Section Sheet	SH_PS_PSECrossSectionBorder	0	0	2
	Exhibit Map - Landscape	SH_GI_SheetBorder	0	0	0
	Exhibit Map - Portrait	SH_GI_SheetBorder	0	0	0
	Index Sheet - DataFields	SH_PS_PSEIndexSheet	18	0	1

S5.04 PS&E Element Templates

The element template listing below provides a complete list of standard PS&E elements by path/category. When a feature definition is not available for a given element, an element template shall be assigned.

Path	Element Template Name	Level	Color	Line Style	Line Weight
Sheet					
Borders					
	PFA Plan Sheet	SH_PS_PFAPlanSheet	18	0	1
	PSE Certification Sheet	SH_PS_PSECertSheet	18	0	1
	PSE Plan Sheet	SH_PS_PSEPlanSheet	18	0	1
	PSE Plan-Profile Sheet	SH_PS_PSEPlanProfileSheet	18	0	1
	PSE Profile Sheet	SH_PS_PSEProfileSheet	18	0	1
Right of Way					
	Parcel Acquisition	SH_PR_SheetParcelAcquisition	18	0	1
Details					
Drainage					
	QuarrySpallSection	SH_DT_DetailLevel1	0	0	0
ErosionControl					
	CurbandGutterInletBarrier	SH_DT_DetailLevel1	0	0	0
	StabilizedConstEntranceA	SH_DT_DetailLevel1	0	0	0
Hydraulics					
	BoulderAnchor1Log	SH_DT_DetailLevel1	0	0	0
	BoulderAnchor2Log	SH_DT_DetailLevel1	0	0	0
	CableAnchorLoop	SH_DT_DetailLevel1	0	0	0
	CulvertBottomless	SH_DT_DetailLevel1	0	0	0
	CulvertBox	SH_DT_DetailLevel1	0	0	0
	EarthAnchor	SH_DT_DetailLevel1	0	0	0
	LogAnchor	SH_DT_DetailLevel1	0	0	0
	LogAnchorToeLog	SH_DT_DetailLevel1	0	0	0
	LogButtEnd	SH_DT_DetailLevel1	0	0	0
	LogRootWad	SH_DT_DetailLevel1	0	0	0
Landscape					
	BatBox	SH_DT_DetailLevel1	0	0	0
	BatHouse1	SH_DT_DetailLevel1	0	0	0

S5.04 PS&E Element Templates

The element template listing below provides a complete list of standard PS&E elements by path/category. When a feature definition is not available for a given element, an element template shall be assigned.

Path	Element Template Name	Level	Color	Line Style	Line Weight
Sheet Details					
	BatHouse2	SH_DT_DetailLevel1	0	0	0
	BeaverFence	SH_DT_DetailLevel1	0	0	0
	BrushBale	SH_DT_DetailLevel1	0	0	0
	BrushLayer1	SH_DT_DetailLevel1	0	0	0
	BrushLayer2	SH_DT_DetailLevel1	0	0	0
	BrushLayer3	SH_DT_DetailLevel1	0	0	0
	BrushMattress1	SH_DT_DetailLevel1	0	0	0
	BrushMattress2	SH_DT_DetailLevel1	0	0	0
	BrushMattressSection	SH_DT_DetailLevel1	0	0	0
	BrushPileAnchored	SH_DT_DetailLevel1	0	0	0
	BrushPileCompostChocked	SH_DT_DetailLevel1	0	0	0
	CardboardMulch	SH_DT_DetailLevel1	0	0	0
	CheckDamWithLogs	SH_DT_DetailLevel1	0	0	0
	CheckDamWithRock	SH_DT_DetailLevel1	0	0	0
	ClayLiner	SH_DT_DetailLevel1	0	0	0
	CompostBlanket	SH_DT_DetailLevel1	0	0	0
	CompostSock	SH_DT_DetailLevel1	0	0	0
	CompostSockSection	SH_DT_DetailLevel1	0	0	0
	CompostSockStakeSpacing	SH_DT_DetailLevel1	0	0	0
	CompostSockWithLiveStake	SH_DT_DetailLevel1	0	0	0
	CompostSockWithStakesAndSedges	SH_DT_DetailLevel1	0	0	0
	ControlModuleBoxDetail	SH_DT_DetailLevel1	0	0	0
	DitchSectionTypical	SH_DT_DetailLevel1	0	0	0
	EarthAnchor	SH_DT_DetailLevel1	0	0	0
	FenceBarbless3Wire	SH_DT_DetailLevel1	0	0	0

S5.04 PS&E Element Templates

The element template listing below provides a complete list of standard PS&E elements by path/category. When a feature definition is not available for a given element, an element template shall be assigned.

Path	Element Template Name	Level	Color	Line Style	Line Weight
Sheet Details					
	GateBarblessWire5	SH_DT_DetailLevel1	0	0	0
	GroundCover	SH_DT_DetailLevel1	0	0	0
	GroundCoverLayout1	SH_DT_DetailLevel1	0	0	0
	GroundCoverLayout2	SH_DT_DetailLevel1	0	0	0
	HabitatLogWithCoconutFiber	SH_DT_DetailLevel1	0	0	0
	Interplanting	SH_DT_DetailLevel1	0	0	0
	LawnEdging	SH_DT_DetailLevel1	0	0	0
	LiveFascineElevation	SH_DT_DetailLevel1	0	0	0
	LiveFascineSection	SH_DT_DetailLevel1	0	0	0
	LivePoleInstallation	SH_DT_DetailLevel1	0	0	0
	LivePoleInstallationRipRap	SH_DT_DetailLevel1	0	0	0
	LiveStakeFlatAndSlope	SH_DT_DetailLevel1	0	0	0
	LiveStakeInQuarrySpalls	SH_DT_DetailLevel1	0	0	0
	LiveStakeInRipRap1	SH_DT_DetailLevel1	0	0	0
	LiveStakeInRipRap2	SH_DT_DetailLevel1	0	0	0
	LiveStakeInstallation	SH_DT_DetailLevel1	0	0	0
	LiveStakeInstallationOnSlope	SH_DT_DetailLevel1	0	0	0
	LiveStakePlanting	SH_DT_DetailLevel1	0	0	0
	LiveStakeRows1	SH_DT_DetailLevel1	0	0	0
	LiveStakeRows2	SH_DT_DetailLevel1	0	0	0
	LogAnchoring	SH_DT_DetailLevel1	0	0	0
	LogWithRootWad	SH_DT_DetailLevel1	0	0	0
	LogWithRootWadStreamSection	SH_DT_DetailLevel1	0	0	0
	MedianDrainage1	SH_DT_DetailLevel1	0	0	0
	MedianDrainage2	SH_DT_DetailLevel1	0	0	0

S5.04 PS&E Element Templates

The element template listing below provides a complete list of standard PS&E elements by path/category. When a feature definition is not available for a given element, an element template shall be assigned.

Path	Element Template Name	Level	Color	Line Style	Line Weight
Sheet Details					
	MowingStrip	SH_DT_DetailLevel1	0	0	0
	NestBox	SH_DT_DetailLevel1	0	0	0
	PlantAfterBarkNoSA	SH_DT_DetailLevel1	0	0	0
	PlantAreaAboveRetWall	SH_DT_DetailLevel1	0	0	0
	PlantAreaBackBerm	SH_DT_DetailLevel1	0	0	0
	PlantAreaSoilPrepInFormerRoad	SH_DT_DetailLevel1	0	0	0
	PlantAreaWithErosionBlanket	SH_DT_DetailLevel1	0	0	0
	PlantAreaWithTopSoil	SH_DT_DetailLevel1	0	0	0
	PlantBeforeBarkNoSA	SH_DT_DetailLevel1	0	0	0
	PlantingAreaSoilPrep1	SH_DT_DetailLevel1	0	0	0
	PlantingAreaSoilPrep2	SH_DT_DetailLevel1	0	0	0
	PlantingBostonIvy	SH_DT_DetailLevel1	0	0	0
	PlantingEmergentPond	SH_DT_DetailLevel1	0	0	0
	PlantingEmergentTuberRhizome	SH_DT_DetailLevel1	0	0	0
	PlantingHoleWDrainage	SH_DT_DetailLevel1	0	0	0
	PlantingPocket	SH_DT_DetailLevel1	0	0	0
	PlantLayout1	SH_DT_DetailLevel1	0	0	0
	PlantLayout2	SH_DT_DetailLevel1	0	0	0
	PlantMaterialList	SH_DT_DetailLevel1	0	0	0
	PlantSpacingIsland	SH_DT_DetailLevel1	0	0	0
	PlantSpacingRectangular	SH_DT_DetailLevel1	0	0	0
	PredatorGuardForNestBox	SH_DT_DetailLevel1	0	0	0
	RaisedPlanting1	SH_DT_DetailLevel1	0	0	0
	RaisedPlanting2	SH_DT_DetailLevel1	0	0	0
	RaptorNestingPlatform	SH_DT_DetailLevel1	0	0	0

S5.04 PS&E Element Templates

The element template listing below provides a complete list of standard PS&E elements by path/category. When a feature definition is not available for a given element, an element template shall be assigned.

Path	Element Template Name	Level	Color	Line Style	Line Weight
Sheet Details					
	RaptorPerch	SH_DT_DetailLevel1	0	0	0
	ReedCanaryGrassControl	SH_DT_DetailLevel1	0	0	0
	RoadwaySection	SH_DT_DetailLevel1	0	0	0
	RockPile	SH_DT_DetailLevel1	0	0	0
	RockPileWithHabitatLog	SH_DT_DetailLevel1	0	0	0
	SignConservationAreaLeft	SH_DT_DetailLevel1	0	0	0
	SignConservationAreaRight	SH_DT_DetailLevel1	0	0	0
	SignInterplanting	SH_DT_DetailLevel1	0	0	0
	SignNativeGrowthProtectionArea	SH_DT_DetailLevel1	0	0	0
	SignNGPA1	SH_DT_DetailLevel1	0	0	0
	SignNGPA2	SH_DT_DetailLevel1	0	0	0
	SignNoPublicAccess	SH_DT_DetailLevel1	0	0	0
	SignSensitiveAreaOrBuffer	SH_DT_DetailLevel1	0	0	0
	SignWetlandArea	SH_DT_DetailLevel1	0	0	0
	SlopeTreatment	SH_DT_DetailLevel1	0	0	0
	StreamSectionTypical	SH_DT_DetailLevel1	0	0	0
	StumpDepressionPlanting	SH_DT_DetailLevel1	0	0	0
	StumpWithRootwadAnchoring	SH_DT_DetailLevel1	0	0	0
	ThimbleCableAttach	SH_DT_DetailLevel1	0	0	0
	TreeElev	SH_DT_DetailLevel1	0	0	0
	TreePitPlanting	SH_DT_DetailLevel1	0	0	0
	TreePlantingAndStakingA	SH_DT_DetailLevel1	0	0	0
	TreePlantingAndStakingB	SH_DT_DetailLevel1	0	0	0
	TreeShrubPlantingA	SH_DT_DetailLevel1	0	0	0
	TreeShrubPlantingB	SH_DT_DetailLevel1	0	0	0

S5.04 PS&E Element Templates

The element template listing below provides a complete list of standard PS&E elements by path/category. When a feature definition is not available for a given element, an element template shall be assigned.

Path	Element Template Name	Level	Color	Line Style	Line Weight
Sheet Details					
	TreeTyingElev	SH_DT_DetailLevel1	0	0	0
	TreeTyingPlan	SH_DT_DetailLevel1	0	0	0
	TreeTyingPlanAndElev	SH_DT_DetailLevel1	0	0	0
	VegetatedRevetment1	SH_DT_DetailLevel1	0	0	0
	VegetatedRevetment2	SH_DT_DetailLevel1	0	0	0
	WetlandCreation	SH_DT_DetailLevel1	0	0	0
	WoodWeirInBerm	SH_DT_DetailLevel1	0	0	0
MitigationSite					
	PitOrQuarryFloorDetail	SH_DT_DetailLevel1	0	0	0
	PotableH2OStationPlan	SH_DT_DetailLevel1	0	0	0
RoadwaySection					
	Approach Profile w Schedule	SH_DT_DetailLevel1	0	0	0
	Approach Section w Schedule	SH_DT_DetailLevel1	0	0	0
	BCTC Paving Section	SH_DT_DetailLevel1	0	0	0
	Bridge Paving	SH_DT_DetailLevel1	0	0	0
	BST Section	SH_DT_DetailLevel1	0	0	0
	Curb Overlay Section	SH_DT_DetailLevel1	0	0	0
	Divided Multi-Lane Highway	SH_DT_DetailLevel1	0	0	0
	Intersection Paving	SH_DT_DetailLevel1	0	0	0
	Intersection Paving - Excluding Sho	SH_DT_DetailLevel1	0	0	0
	Intersection Paving - Including Shou	SH_DT_DetailLevel1	0	0	0
	Mailbox Turnout	SH_DT_DetailLevel1	0	0	0
	Overlay Section	SH_DT_DetailLevel1	0	0	0
	Overlay Section - No Ditch	SH_DT_DetailLevel1	0	0	0
	Overlay Shoulder Slope	SH_DT_DetailLevel1	0	0	0
	Overlay Wide Shoulder 1	SH_DT_DetailLevel1	0	0	0

S5.04 PS&E Element Templates

The element template listing below provides a complete list of standard PS&E elements by path/category. When a feature definition is not available for a given element, an element template shall be assigned.

Path	Element Template Name	Level	Color	Line Style	Line Weight
Sheet Details					
	Overlay Wide Shoulder 2	SH_DT_DetailLevel1	0	0	0
	Shoulder Design Inside Curve	SH_DT_DetailLevel1	0	0	0
	Shoulder Design Outside Curve	SH_DT_DetailLevel1	0	0	0
	Shoulder Flat Bottom Ditch	SH_DT_DetailLevel1	0	0	0
	Shoulder Rock Lined Ditch Section	SH_DT_DetailLevel1	0	0	0
	Shoulder Rounding Detail	SH_DT_DetailLevel1	0	0	0
	Shoulder Widening 1	SH_DT_DetailLevel1	0	0	0
	Shoulder Widening 2	SH_DT_DetailLevel1	0	0	0
	Shoulder Widening 3	SH_DT_DetailLevel1	0	0	0
	Subgrade Section	SH_DT_DetailLevel1	0	0	0
	Surfacing Paving Section	SH_DT_DetailLevel1	0	0	0
	Undivided Multi-Lane Highway	SH_DT_DetailLevel1	0	0	0
	Widening Channel w Curb	SH_DT_DetailLevel1	0	0	0
Structures-Wall					
	GabionCribbing	SH_DT_DetailLevel1	0	0	0
Traffic-Signals					
	3SignalHead	SH_DT_DetailLevel1	0	0	0
	3SignalHeadAndNotes	SH_DT_DetailLevel1	0	0	0
	4SignalHead	SH_DT_DetailLevel1	0	0	0
	4SignalHeadAndNotes	SH_DT_DetailLevel1	0	0	0
	DblSignalHead	SH_DT_DetailLevel1	0	0	0
	DblSignalHeadNotes1	SH_DT_DetailLevel1	0	0	0
	DblSignalHeadNotes2	SH_DT_DetailLevel1	0	0	0
	PedestrianHead	SH_DT_DetailLevel1	0	0	0
	PhaseDiagram	SH_DT_DetailLevel1	0	0	0
Traffic-WorkZone					

S5.04 PS&E Element Templates

The element template listing below provides a complete list of standard PS&E elements by path/category. When a feature definition is not available for a given element, an element template shall be assigned.

Path	Element Template Name	Level	Color	Line Style	Line Weight
Sheet					
Details					
	SectionCut2Lane	SH_TI_WZSectionCut	18	0	1
	SectionCut2Lane2	SH_TI_WZSectionCut	18	0	1
	SectionCut3Lane	SH_TI_WZSectionCut	18	0	1
	SectionCut3Lane2	SH_TI_WZSectionCut	18	0	1
General Items					
	Addendum Cloud	SH_GI_AddendumCloud	15	0	5
	Addendum Shading	SH_GI_AddendumShading	240	0	0
	Begin End Project Note	SH_GI_BeginEndProjectNote	18	0	2
	CivilLabeler-General Notes	SH_GI_TextBody1	18	0	0
	CivilLabeler-General Notes - No Arr	SH_GI_TextBody1	18	0	0
	Destination Arrow - PS&E	SH_GI_DestinationArrow	18	0	2
	Destination Arrow - R/W	SH_GI_DestinationArrow	18	0	2
	Dimension Lines	SH_GI_DimensionLines	18	0	0
	Line Break - Large	SH_GI_LineBreakLg	18	0	2
	Line Break - Small	SH_GI_LineBreakSm	18	0	2
	NAV Datum Symbol	SH_GI_NAVDatumSymbol	18	0	1
	Township Range - Top of Sheet	SH_GI_TownshipRangeTopSheetTe	24	0	2
	Traffic Movement Arrow - Left	SH_GI_TrafficMvmntArrow	18	0	1
	Traffic Movement Arrow - Opposin	SH_GI_TrafficMvmntArrow	18	0	1
	Traffic Movement Arrow - Right	SH_GI_TrafficMvmntArrow	18	0	1
General Text					
	Text Body 1 - PSE	SH_GI_TextBody1	18	0	0
	Text Heading 1	SH_GI_TextHeading1	18	0	2
	Text Heading 2	SH_GI_TextHeading2	18	0	1
	Text Heading 3	SH_GI_TextHeading3	18	0	0

S5.04 PS&E Element Templates

The element template listing below provides a complete list of standard PS&E elements by path/category. When a feature definition is not available for a given element, an element template shall be assigned.

Path	Element Template Name	Level	Color	Line Style	Line Weight
Sheet					
General Items					
Leaders					
	Begin End	SH_GI_DimensionLines	18	0	0
	Double Arrow	SH_GI_DimensionLines	18	0	0
	Full Arrow	SH_GI_DimensionLines	18	0	0
	Monument Dot	SH_GI_DimensionLines	18	0	0
	Squiggle	SH_GI_DimensionLines	18	0	0
Scale Bars					
	Scale Bar 100	SH_GI_ScaleBar100	18	0	5
	Scale Bar 1000	SH_GI_ScaleBar1000	18	0	5
	Scale Bar 20	SH_GI_ScaleBar20	18	0	5
	Scale Bar 200	SH_GI_ScaleBar200	18	0	5
	Scale Bar 2000	SH_GI_ScaleBar2000	18	0	5
	Scale Bar 40	SH_GI_ScaleBar40	18	0	5
	Scale Bar 50	SH_GI_ScaleBar50	18	0	5
	Scale Bar 500	SH_GI_ScaleBar500	18	0	5
LegendsAndSchedules					
	RS - Legend	SH_GI_Legend	0	0	0
Plans					
	Begin-End Construction Arrow	SH_PS_BeginEndConstrText	18	0	2
	Begin-End Plan Arrow	SH_GI_BeginEndPlanArrow	18	0	2
	CivilLabeler-Callouts_Exist	SH_GI_CivilLabeler_Exist	18	0	0
	CivilLabeler-Callouts_New	SH_GI_CivilLabeler_New	2	0	0
	Match Line	SH_GI_MatchLine	18	0	3
	North Arrow	SH_GI_NorthArrow	18	0	2
	Township Range - Top of Sheet	SH_GI_TownshipRangeTopSheetTe	24	0	2

S5.04 PS&E Element Templates

The element template listing below provides a complete list of standard PS&E elements by path/category. When a feature definition is not available for a given element, an element template shall be assigned.

Path	Element Template Name	Level	Color	Line Style	Line Weight
Sheet					
Plans					
	Traffic Movement Arrow - Left	SH_GI_TrafficMvmntArrow	18	0	1
	Traffic Movement Arrow - Opposin	SH_GI_TrafficMvmntArrow	18	0	1
	Traffic Movement Arrow - Right	SH_GI_TrafficMvmntArrow	18	0	1
Call-Out Flags					
	QuantityTabNoteFlag	SH_PS_QuantityTabNoteFlag	18	0	0
	QuantityTabNoteFlagCont	SH_PS_QuantityTabNoteFlagCont	18	0	0
	QuantityTabNoteFlagContLg	SH_PS_QuantityTabNoteFlagContL	18	0	0
	RevisionNoteFlag	SH_GI_RevisionNoteFlag	3	0	0
	StructureNoteFlagContinueLg-PS	SH_PS_StructureNoteFlagContinue	1	0	0
	StructureNoteFlagContinue-PS	SH_PS_StructureNoteFlagContinue	1	0	0
	StructureNoteFlag-PS	SH_PS_StructureNoteFlag	1	0	0
Profiles					
Drainage					
	Profile Callout Text - Existing Pipes	SH_RP_VProfText	18	0	0
	Profile Callout Text - Existing Struct	SH_RP_VProfText	18	0	0
	Profile Callout Text - New Pipes	SH_RP_VProfText	18	0	0
	Profile Callout Text - New Structure	SH_RP_VProfText	18	0	0
	Structure Note Flag	SH_DP_StructureNoteFlag	0	0	0
	Structure Note Flag Continue	SH_DP_StructureNoteFlagContinu	0	0	0
	Structure Note Flag Continue - Larg	SH_DP_StructureNoteFlagContinu	0	0	0
	Water Surface Elevation	SH_DP_WaterSurfaceElev	24	0	2
Quantity Breakdown					
	Quantity Breakout Horz Lines	SH_RP_QuantityBreakoutHorLines	1	0	1
	Quantity Breakout Vert Lines	SH_RP_QuantityBreakoutVertLines	1	0	3
	QuantityBreakout Text	SH_RP_QuantityBreakoutText	17	0	0
Roadway Sections					

S5.04 PS&E Element Templates

The element template listing below provides a complete list of standard PS&E elements by path/category. When a feature definition is not available for a given element, an element template shall be assigned.

Path	Element Template Name	Level	Color	Line Style	Line Weight
Sheet					
Profiles					
	Roadway Section Horz Lines	SH_RP_RoadwaySectionHorzLines	1	0	2
	Roadway Section Text	SH_RP_RoadwaySectionText	17	0	0
	Roadway Section Vert Lines	SH_RP_RoadwaySectionVertLines	1	0	3
Superelevation Diagram					
	Superelevation Center	SH_RP_SuperelevationCenter	2	0	5
	Superelevation Existing Lines	SH_RP_SuperelevationExLines	0	3	5
	Superelevation Left	SH_RP_SuperelevationLT	33	0	4
	Superelevation Right	SH_RP_SuperelevationRT	35	0	4
Review - Markup					
	Markup Add-In	SH_GI_MarkupAddIn	3	0	5
	Markup CommentText	SH_GI_MarkupCommentText	1	0	0
	Markup Strike Thru Squiggle	SH_GI_MarkupStrikeThruSquiggle	2	SH_GI_MarkupStrikeThruSquiggle	0
	Revision Add-In	SH_GI_RevisionAddIn	3	0	0
	Revision Strike Thru Squiggle	SH_GI_RevisionStrikeThruSquiggle	2	SH_GI_RevisionStrikeThruSquiggle	0
Right of Way Plans					
Legends and Schedules					
	Legend	SH_GI_Legend	0	0	0
	Legend w Limited Access	SH_GI_Legend	0	0	0
Text and Notes					
	Cross Reference Note	SH_PR_CrossReferenceNotesText	18	0	0
	Supplemental Access Note 22 - Cell	SH_PR_SupplementalAccessNote2	18	0	2
Roadway Sections					
	Centerline	SH_RS_CenterLine	18	7	3
	ConstructionNoteFlag - RS	SH_RS_ConstructionNoteFlag	18	0	0
	Material ID Block	SH_RS_MaterialIDBlock	18	0	30

S5.04 PS&E Element Templates

The element template listing below provides a complete list of standard PS&E elements by path/category. When a feature definition is not available for a given element, an element template shall be assigned.

Path	Element Template Name	Level	Color	Line Style	Line Weight
Sheet					
Roadway Sections					
	Material ID Flag - RS	SH_RS_MaterialIDFlag	18	0	1
	Slope Arrow - Left	SH_RS_SlopeArrowLeft	18	0	0
	Slope Arrow - Right	SH_RS_SlopeArrowRight	18	0	0
	Surface - Existing	SH_RS_RoadwaySurfaceExisting	0	3	1
	Surface - New	SH_RS_RoadwaySurfaceNew	18	0	2
Text					
	RS Body 1	SH_GI_TextBody1	18	0	0
	RS Heading 1	SH_GI_TextHeading1	18	0	2
Vicinity Map					
	Region Map - ER	SH_VM_RegionCellER	0	0	0
	Region Map - NCR	SH_VM_RegionCellNCR	0	0	0
	Region Map - NWR	SH_VM_RegionCellNWR	0	0	0
	Region Map - OR	SH_VM_RegionCellOR	0	0	0
	Region Map - SCR	SH_VM_RegionCellSCR	0	0	0
	Region Map - SWR	SH_VM_RegionCellSWR	0	0	0
View Management					
	Clip Limits	SH_GI_ClipLimits	0	0	0
Site					
Alignment					
	CLineDrivewayBearingsText	SI_AL_CLineDrivewayBearingsText	2	0	0
	CLineDrivewayCOGO	SI_AL_CLineDrivewayCOGO	2	0	1
	CLineDrivewayCrvDataText	SI_AL_CLineDrivewayCrvDataText	2	0	0
	CLineDrivewayCurvePtCircle	SI_AL_CLineDrivewayCurvePtCircle	2	0	1
	CLineDrivewayLineDesText	SI_AL_CLineDrivewayLineDesText	2	0	0

S5.04 PS&E Element Templates

The element template listing below provides a complete list of standard PS&E elements by path/category. When a feature definition is not available for a given element, an element template shall be assigned.

Path	Element Template Name	Level	Color	Line Style	Line Weight
Site					
Alignment					
	CLineDrivewayMajorStaText	SI_AL_CLineDrivewayMajorStaText	2	0	0
	CLineDrivewayPCPIPTText	SI_AL_CLineDrivewayPCPIPTText	2	0	0
	CLineDrivewayPItoPILine	SI_AL_CLineDrivewayPItoPILine	2	3	1
	CLineDrivewaySRNoText	SI_AL_CLineDrivewaySRNoText	2	0	0
	CLineDrivewayStaEquaText	SI_AL_CLineDrivewayStaEquaText	2	0	0
	CLineDrivewayStaEquation	SI_AL_CLineDrivewayStaEquation	2	0	1
	CLineDrivewayStationText	SI_AL_CLineDrivewayStationText	2	0	0
	CLineDrivewayTics	SI_AL_CLineDrivewayTics	2	0	2
Structures					
Graving Dock					
	BollardNew	ST_GD_BollardNew	0	0	0
Text					
	BridgeText	ST_BG_BridgeText	23	0	0
	BridgeTextNew	ST_BG_BridgeTextNew	7	0	0
	TunnelText	ST_BG_TunnelText	23	0	0
	TunnelTextNew	ST_BG_TunnelTextNew	7	0	0
	WallText	ST_WA_WallText	23	0	0
	WallTextNew	ST_WA_WallTextNew	7	0	0
Walls					
	RetainingWall3D	ST_WA_RetainingWall	23	ST_WA_RetainingWall	0
	RetainingWallNew3D	ST_WA_RetainingWallNew	7	ST_WA_RetainingWallNew	0
Terrain					
Contours					
	IndexContoursText	TE_CN_IndexContoursText	30	0	0

S5.04 PS&E Element Templates

The element template listing below provides a complete list of standard PS&E elements by path/category. When a feature definition is not available for a given element, an element template shall be assigned.

Path	Element Template Name	Level	Color	Line Style	Line Weight
Terrain					
Contours					
	IndexContoursTextNew	TE_CN_IndexContoursTextNew	14	0	0
	IntermedContoursTextNew	TE_CN_IntermedContoursTextNew	46	0	0
	IntermediateContoursText	TE_CN_IntermediateContoursText	62	0	0
Existing					
	LIDARSection	TE_EX_LIDARSection	6	0	0
	SpotElevationsText	TE_EX_SpotElevationsText	94	0	0
Visualization					
	Unsuitable_Boundary	TE_EX_UnsuitableBoundary	6	0	2
New					
	SpotElevationTextNew	TE_NW_SpotElevationTextNew	78	0	0
Points					
	SurveyTopoLabel	TE_PT_SurveyTopoLabel	0	0	0
Topography					
Manmade					
	Hedge3D	TP_MM_Hedge3D	126	0	0
	QuarryBndry	TP_MM_QuarryBndry	126	3	1
	RRCenterTracks3D	TP_MM_RRCenterTracks3D	62	0	2
	RRCenterTracksNew	TP_MM_RRCenterTracksNew	46	TP_MM_RRCenterTracksNew	2
	Structure	TP_MM_Structure	126	0	2
Natural					
	Stump	TP_NT_Stump	30	0	0
	Tree3DByCenter	TP_NT_Tree3DByCenter	94	0	0
	UnknownLinearObject	TP_NT_UnknownLinearObject	30	0	0

S5.04 PS&E Element Templates

The element template listing below provides a complete list of standard PS&E elements by path/category. When a feature definition is not available for a given element, an element template shall be assigned.

Path	Element Template Name	Level	Color	Line Style	Line Weight
Topography					
Natural					
	UnknownObject	TP_NT_UnknownObject	30	0	0
Text					
Manmade					
	DistanceTieText	TP_MM_DistanceTieText	30	0	0
	ManmadeTopographyText	TP_MM_ManmadeTopographyTex	30	0	0
	RRText	TP_MM_RRText	62	0	0
Natural					
	NaturalTopographyText	TP_NT_NaturalTopographyText	30	0	0
	WaterPondLakeResText	TP_NT_WaterPondLakeResText	126	0	0
	WaterTidalShoreLgBodyText	TP_NT_WaterTidalShoreLgBodyTe	126	0	0
Traffic					
Call-Out Flags					
	Construction Note Flag - Illum	SH_TI_ConstructionNoteFlagIllum	6	0	0
	Construction Note Flag - Signals	SH_TI_ConstructionNoteFlagSignal	6	0	0
	Pole Note Flag - Illum	SH_TI_PoleNoteFlagIllum	102	0	0
	Pole Note Flag - Signals	SH_TI_PoleNoteFlagSignal	6	0	0
	Sign Note Flag	SH_TI_SignNoteFlag	134	0	0
	Sign Relocation Note Flag	SH_TI_SignRelocationNoteFlag	134	0	0
	Sign Removal Note Flag	SH_TI_SignRemovalNoteFlag	134	0	0
	SignNoteFlag	SH_TI_SignNoteFlag	134	0	0
	SignRelocationNoteFlag	SH_TI_SignRelocationNoteFlag	134	0	0
	SignRemovalNoteFlag	SH_TI_SignRemovalNoteFlag	134	0	0
	Wire Note Flag - Illum	SH_TI_WireNoteFlagIllum	6	0	0
	Wire Note Flag - Signals	SH_TI_WireNoteFlagSignal	6	0	0
Illumination					

S5.04 PS&E Element Templates

The element template listing below provides a complete list of standard PS&E elements by path/category. When a feature definition is not available for a given element, an element template shall be assigned.

Path	Element Template Name	Level	Color	Line Style	Line Weight
Traffic					
Illumination					
	IlluminationSchedule-Large	SH_TI_IllumScheduleLarge	18	0	0
	IlluminationSchedule-Medium	SH_TI_IllumScheduleMedium	18	0	0
	IlluminationSchedule-Small	SH_TI_IllumScheduleSmall	18	0	0
	IlluminationWireSchedule-Large	SH_TI_IllumWireScheduleLarge	18	0	0
	IlluminationWireSchedule-Small	SH_TI_IllumWireScheduleSmall	18	0	0
Plan Items					
	Approved Traffic Engineer	SH_TI_ApprovedTrafficEngineer	18	0	1
	Tables - Custom	SH_TI_Tables	18	0	1
Signals					
	ConduitAndWiring	TR_SG_ConduitAndWiring	54	6	0
	ConduitAndWiringNew	TR_SG_ConduitAndWiringNew	38	6	2
	ControllerCabinet	TR_SG_ControllerCabinet	54	0	0
	ControllerCabinetNew	TR_SG_ControllerCabinetNew	38	0	2
	DoubleSignalHeadDetail	SH_DT_Details	0	0	0
	ExpanFitAXDXNew	TR_SG_ExpanFitAXDXNew	38	0	2
	ExpanFitDXNew	TR_SG_ExpanFitDXNew	38	0	2
	PedestrianHeadDetail	SH_DT_Details	0	0	0
	Pole	TR_SG_Pole	54	0	0
	PoleNew	TR_SG_PoleNew	38	0	2
	StrnPoleAnchor	TR_SG_StrnPoleAnchor	22	0	0
	StrnPoleAnchorNew	TR_SG_StrnPoleAnchorNew	6	0	2
	TimberPole	TR_SG_TimberPole	22	0	0
	TimberPoleNew	TR_SG_TimberPoleNew	6	0	2
Boxes					

S5.04 PS&E Element Templates

The element template listing below provides a complete list of standard PS&E elements by path/category. When a feature definition is not available for a given element, an element template shall be assigned.

Path	Element Template Name	Level	Color	Line Style	Line Weight
Traffic Signals					
	JBox1	TR_SG_JBox1	54	0	0
	JBox1New	TR_SG_JBox1New	38	0	2
	JBox2	TR_SG_JBox2	54	0	0
	JBox2New	TR_SG_JBox2New	38	0	2
	JBox3	TR_SG_JBox3	54	0	0
	JBox3New	TR_SG_JBox3New	38	0	2
	JBox4(Traffic-bearing)	TR_SG_JBox4(Traffic-bearing)	54	0	0
	JBox4(Traffic-bearing)New	TR_SG_JBox4(Traffic-bearing)New	38	0	2
	JBox5(Traffic-bearing)	TR_SG_JBox5(Traffic-bearing)	54	0	0
	JBox5(Traffic-bearing)New	TR_SG_JBox5(Traffic-bearing)New	38	0	2
	JBox6(Traffic-bearing)	TR_SG_JBox6(Traffic-bearing)	54	0	0
	JBox6(Traffic-bearing)New	TR_SG_JBox6(Traffic-bearing)New	38	0	2
	JBox7(NoLock)	TR_SG_JBox7(NoLock)	54	0	0
	JBox7(NoLock)New	TR_SG_JBox7(NoLock)New	38	0	2
	JBox8(WithLock)	TR_SG_JBox8(WithLock)	54	0	0
	JBox8(WithLock)New	TR_SG_JBox8(WithLock)New	38	0	2
	JBoxAerial	TR_SG_JBoxAerial	54	0	0
	JBoxAerialNew	TR_SG_JBoxAerialNew	38	0	2
	JBoxNEMA	TR_SG_JBoxNEMA	54	0	0
	JBoxNEMANew	TR_SG_JBoxNEMANew	38	0	2
	SignalBoxUnknown	TR_SG_SignalBoxUnknown	54	0	0
Lighting					
	LightStdCellWithNumberNew	TR_SG_LightStdCellWithNumberN	70	0	2
	LightStdDblMetal	TR_SG_LightStdDblMetal	86	0	0
	LightStdDblMetalNew	TR_SG_LightStdDblMetalNew	70	0	2

S5.04 PS&E Element Templates

The element template listing below provides a complete list of standard PS&E elements by path/category. When a feature definition is not available for a given element, an element template shall be assigned.

Path	Element Template Name	Level	Color	Line Style	Line Weight
Traffic Signals					
	LightStdDblTimber	TR_SG_LightStdDblTimber	86	0	0
	LightStdDblTimberNew	TR_SG_LightStdDblTimberNew	70	0	2
	LightStdGeneric	TR_SG_LightStdGeneric	86	0	0
	LightStdGenericNew	TR_SG_LightStdGenericNew	70	0	2
	LightStdQuadMetal	TR_SG_LightStdQuadMetal	86	0	0
	LightStdQuadMetalNew	TR_SG_LightStdQuadMetalNew	70	0	2
	LightStdSixMetal	TR_SG_LightStdSixMetal	86	0	0
	LightStdSixMetalNew	TR_SG_LightStdSixMetalNew	70	0	2
	LightStdSnglMetal	TR_SG_LightStdSnglMetal	86	0	0
	LightStdSnglMetalNew	TR_SG_LightStdSnglMetalNew	70	0	2
	LightStdSnglTimber	TR_SG_LightStdSnglTimber	86	0	0
	LightStdSnglTimberNew	TR_SG_LightStdSnglTimberNew	70	0	2
	LightStdTimberTempNew	TR_SG_LightStdTimberTempNew	70	0	2
	LightStdTriMetal	TR_SG_LightStdTriMetal	86	0	0
	LightStdTriMetalNew	TR_SG_LightStdTriMetalNew	70	0	2
Text					
	IllumText	TR_IL_IllumText	22	0	0
	IllumTextNew	TR_IL_IllumTextNew	6	0	0
	SignalsText	TR_SG_SignalsText	22	0	0
	SignalsTextNew	TR_SG_SignalsTextNew	6	0	0
	SigningText	TR_SN_SigningText	22	0	0
	SigningTextNew	TR_SN_SigningTextNew	6	0	0
	TrafficSystemsText	TR_TS_TrafficSystemsText	22	0	0
	TrafficSystemsTextNew	TR_TS_TrafficSystemsTextNew	6	0	0
	WorkZoneTextCurrent	TR_WZ_WorkZoneTextCurrent	6	0	0

S5.04 PS&E Element Templates

The element template listing below provides a complete list of standard PS&E elements by path/category. When a feature definition is not available for a given element, an element template shall be assigned.

Path	Element Template Name	Level	Color	Line Style	Line Weight
Traffic					
Text					
	WorkZoneTextPrevious	TR_WZ_WorkZoneTextPrevious	22	0	0
Traffic Systems					
	InductionLoopType2ModNew	TR_TS_InductionLoopType2ModN	38	0	2
Boxes					
	JBox1	TR_TS_JBox1	22	0	0
	JBox1New	TR_TS_JBox1New	6	0	2
	JBox2	TR_TS_JBox2	22	0	0
	JBox2New	TR_TS_JBox2New	6	0	2
	JBox3	TR_TS_JBox3	22	0	0
	JBox3New	TR_TS_JBox3New	6	0	2
	JBox4(Traffic-bearing)	TR_TS_JBox4(Traffic-bearing)	22	0	0
	JBox4(Traffic-bearing)New	TR_TS_JBox4(Traffic-bearing)New	6	0	2
	JBox5(Traffic-bearing)	TR_TS_JBox5(Traffic-bearing)	22	0	0
	JBox5(Traffic-bearing)New	TR_TS_JBox5(Traffic-bearing)New	6	0	2
	JBox6(Traffic-bearing)	TR_TS_JBox6(Traffic-bearing)	22	0	0
	JBox6(Traffic-bearing)New	TR_TS_JBox6(Traffic-bearing)New	6	0	2
	JBox7(NoLock)	TR_TS_JBox7(NoLock)	22	0	0
	JBox7(NoLock)New	TR_TS_JBox7(NoLock)New	6	0	2
	JBox8(WithLock)	TR_TS_JBox8(WithLock)	22	0	0
	JBox8(WithLock)New	TR_TS_JBox8(WithLock)New	6	0	2
	JBoxAerial	TR_TS_JBoxAerial	22	0	0
	JBoxAerialNew	TR_TS_JBoxAerialNew	6	0	2
	JBoxNEMA	TR_TS_JBoxNEMA	22	0	0
	JBoxNEMANew	TR_TS_JBoxNEMANew	6	0	2
	JBoxUnknown	TR_TS_JBoxUnknown	22	0	0

S5.04 PS&E Element Templates

The element template listing below provides a complete list of standard PS&E elements by path/category. When a feature definition is not available for a given element, an element template shall be assigned.

Path	Element Template Name	Level	Color	Line Style	Line Weight
Traffic					
Traffic Systems					
	PullBox	TR_TS_PullBox	54	0	0
	PullBoxNew	TR_TS_PullBoxNew	38	0	2
Work Zone					
	AFAD	TR_WZ_AFAD	227	0	1
	BarrierTemp	TR_WZ_BarrierTemp	102	0	1
	GuardrailElev	TR_WZ_GuardrailElev	102	0	1
	GuidePostNewElev	TR_WZ_GuidePostNewElev	102	0	1
	PCMS	TR_WZ_PCMS	0	0	1
	PortableSignMount5ftMinBlk-Org	TR_WZ_PortableSignMount5ftMin	230	0	2
	PortableSignMount5ftMinBlk-Wht	TR_WZ_PortableSignMount5ftMin	0	0	2
	PortableSignMount5ftMinGrn-Wht	TR_WZ_PortableSignMount5ftMin	226	0	2
	PortableSignMount5ftMinRed-Wht	TR_WZ_PortableSignMount5ftMin	227	0	2
	PortableSignMountBlk-Org	TR_WZ_PortableSignMountBlk-Org	230	0	2
	PortableSignMountBlk-Wht	TR_WZ_PortableSignMountBlk-Wh	0	0	2
	PortableSignMountRed-Wht	TR_WZ_PortableSignMountRed-W	227	0	2
	ProtectiveVehicle	TR_WZ_ProtectiveVehicle	236	0	1
	PublicVehicle	TR_WZ_PublicVehicle	102	0	1
	RadarSpeedDisplaySign	TR_WZ_RadarSpeedDisplaySign	0	0	2
	SectionCut2Lane	SH_TI_WZSectionCut	18	0	1
	SectionCut2Lane2	SH_TI_WZSectionCut	18	0	1
	SectionCut3Lane	SH_TI_WZSectionCut	18	0	1
	SectionCut3Lane2	SH_TI_WZSectionCut	18	0	1
	SequentialArrowSign	TR_WZ_SequentialArrowSign	236	0	2
	Sign	TR_WZ_Sign	102	0	1
	SignNew	TR_WZ_SignNew	102	0	1

S5.04 PS&E Element Templates

The element template listing below provides a complete list of standard PS&E elements by path/category. When a feature definition is not available for a given element, an element template shall be assigned.

Path	Element Template Name	Level	Color	Line Style	Line Weight
Traffic					
Work Zone					
	TallChanDevice42	TR_WZ_TallChanDevice	230	0	0
	TallChanDevice42Elev	TR_WZ_TallChanDeviceElev	230	0	1
	TemporarySignal	TR_WZ_TempSignal	102	0	1
	TrafficCone28	TR_WZ_TrafficCone	102	0	1
	TrafficCone28Elev	TR_WZ_TrafficConeElev	102	0	1
	TrafficCone36	TR_WZ_TrafficCone	102	0	1
	TrafficCone36Elev	TR_WZ_TrafficConeElev	102	0	1
	TrafficSafetyDrumElev	TR_WZ_TrafficSafetyDrumElev	38	0	1
	TubularMarker	TR_WZ_TubularMarker	230	0	0
	TubularMarker28Elev	TR_WZ_TubularMarkerElev	230	0	0
	TubularMarker42Elev	TR_WZ_TubularMarkerElev	230	0	0
	UPOVehicle	TR_WZ_UPOVehicle	97	0	1
	WorkZoneDetails - See Traffic_Signs	TR_WZ_WorkZoneDetails	0	0	0
	WSPElev	TR_WZ_WSPElev	102	0	1
Utilities					
Communication					
	CommunicationPedestalNew	UT_CM_CommunicationPedestalN	5	0	0
	Manhole	UT_CM_Manhole	117	0	0
	ManholeNew	UT_CM_ManholeNew	101	0	1
Profile					
	UndGndCableTVDeactiveProfile	UT_CM_UndGndCableTVDeactive	21	UT_CM_UndGndCableTVDeactive	0
	UndGndCableTVNewProfile	UT_CM_UndGndCableTVNew	5	UT_CM_UndGndCableTVNew	0
	UndGndCableTVProfile	UT_CM_UndGndCableTV	21	UT_CM_UndGndCableTV	0
	UndGndCommLineNewProfile	UT_CM_UndGndCommLineNew	5	UT_CM_UndGndCommLineNew	0
	UndGndCommLineProfile	UT_CM_UndGndCommLine	21	UT_CM_UndGndCommLine	0

S5.04 PS&E Element Templates

The element template listing below provides a complete list of standard PS&E elements by path/category. When a feature definition is not available for a given element, an element template shall be assigned.

Path	Element Template Name	Level	Color	Line Style	Line Weight
Utilities					
Communication					
	UndGndFiberOpticDeactiveProfile	UT_CM_UndGndFiberOpticDeactiv	21	UT_CM_UndGndFiberOpticDeactiv	0
	UndGndFiberOpticNewProfile	UT_CM_UndGndFiberOpticNew	5	UT_CM_UndGndFiberOpticNew	0
	UndGndFiberOpticProfile	UT_CM_UndGndFiberOptic	21	UT_CM_UndGndFiberOptic	0
	UndGndTelephoneCableNewProfile	UT_CM_UndGndTelephoneCableN	5	UT_CM_UndGndTelephoneCableN	0
	UndGndTelephoneCableProfile	UT_CM_UndGndTelephoneCable	21	UT_CM_UndGndTelephoneCable	0
	UndGndTelephoneDeactiveProfile	UT_CM_UndGndTelephoneDeactiv	21	UT_CM_UndGndTelephoneDeactiv	0
Gas					
Profile					
	GasLineDeactiveProfile	UT_GS_GasLineDeactive	53	UT_GS_GasLineDeactive	0
	GasLineNewProfile	UT_GS_GasLineNew	37	UT_GS_GasLineNew	0
	GasLineProfile	UT_GS_GasLine	53	UT_GS_GasLine	0
	OilLineDeactiveProfile	UT_GS_OilLineDeactive	53	UT_GS_OilLineDeactive	0
	OilLineNewProfile	UT_GS_OilLineNew	37	UT_GS_OilLineNew	0
	OilLineProfile	UT_GS_OilLine	53	UT_GS_OilLine	0
General Utility Items					
	AboveGroundUtilityStructure	UT_GU_AboveGroundUtilityStruct	21	0	0
Power					
	SteelTransmissionTower	UT_PW_SteelTransmissionTower	117	2	1
	Transformer	UT_PW_Transformer	117	0	0
	TransformerNew	UT_PW_TransformerNew	101	0	1
	WoodenTransmissionTower	UT_PW_WoodenTransmissionTow	117	0	1
Profile					
	UndGndPowerLineDeactiveProfile	UT_PW_UndGndPowerLineDeactiv	117	UT_PW_UndGndPowerLineDeactiv	0
	UndGndPowerLineNewProfile	UT_PW_UndGndPowerLineNew	101	UT_PW_UndGndPowerLineNew	0
	UndGndPowerLineProfile	UT_PW_UndGndPowerLine	117	UT_PW_UndGndPowerLine	0

S5.04 PS&E Element Templates

The element template listing below provides a complete list of standard PS&E elements by path/category. When a feature definition is not available for a given element, an element template shall be assigned.

Path	Element Template Name	Level	Color	Line Style	Line Weight
Utilities					
Sanitary Sewer					
	SanSewerLineDeactive	UT_SS_SanSewerLineDeactive	149	UT_SS_SanSewerLineDeactive	0
	SanSewerLineNew	UT_SS_SanSewerLineNew	133	UT_SS_SanSewerLineNew	0
Profile					
	ForceMainProfile	UT_SS_ForceMain	149	2	0
	SanSewerLineDeactiveProfile	UT_SS_SanSewerLineDeactive	149	UT_SS_SanSewerLineDeactive	0
	SanSewerLineNewProfile	UT_SS_SanSewerLineNew	133	UT_SS_SanSewerLineNew	0
	SanSewerLineProfile	UT_SS_SanSewerLine	149	UT_SS_SanSewerLine	0
Text					
	CommunicationUtilText	UT_CM_CommunicationUtilText	21	0	0
	CommunicationUtilTextNew	UT_CM_CommunicationUtilTextNe	5	0	0
	GasUtilitiesText	UT_GS_GasUtilitiesText	53	0	0
	GasUtilitiesTextNew	UT_GS_GasUtilitiesTextNew	37	0	0
	GeneralUtilitiesText	UT_GU_GeneralUtilitiesText	21	0	0
	GeneralUtilitiesTextNew	UT_GU_GeneralUtilitiesTextNew	5	0	0
	MultiUtilitiesText	UT_MT_MultiUtilitiesText	149	0	0
	MultiUtilitiesTextNew	UT_MT_MultiUtilitiesTextNew	133	0	0
	PowerUtilitiesText	UT_PW_PowerUtilitiesText	117	0	0
	PowerUtilitiesTextNew	UT_PW_PowerUtilitiesTextNew	101	0	0
	SanSewerUtilitiesText	UT_SS_SanSewerUtilitiesText	149	0	0
	SanSewerUtilitiesTextNew	UT_SS_SanSewerUtilitiesTextNew	133	0	0
	WaterUtilitiesText	UT_WT_WaterUtilitiesText	85	0	0
	WaterUtilitiesTextNew	UT_WT_WaterUtilitiesTextNew	69	0	0
Water					
Profile					
	WaterLineDeactiveProfile	UT_WT_WaterLineDeactive	85	UT_WT_WaterLineDeactive	0

S5.04 PS&E Element Templates

The element template listing below provides a complete list of standard PS&E elements by path/category. When a feature definition is not available for a given element, an element template shall be assigned.

Path	Element Template Name	Level	Color	Line Style	Line Weight
Utilities					
Water					
	WaterLineNewProfile	UT_WT_WaterLineNew	69	UT_WT_WaterLineNew	0
	WaterLineProfile	UT_WT_WaterLine	85	UT_WT_WaterLine	0

S5.05 Standard Symbols (cont.)

Examples are shown at the correct size for all drawing scales printed to 11"x17" PS&E sheet, unless otherwise noted. Items flagged with an asterisk (*) are True Size items that always measure the same in ground units and their size on a print changes with the drawing scale. The scales of the True Size item examples are noted. Where noted, use the Feature Definition rather than Element Template to place feature.

Alignment – Channel – Existing

Element Template (Level Name)	ByLevel Weight | ByLevel Style byLevel Color | Element Type	Example
ChnlLine AL_CH_ChnlLine USE FEATURE DEFINITION: Alignment\Channel\ChnlLine	1 | 0 151 | Linear	
ChnlLineBearingsText AL_CH_ChnlLineBearingsText USE FEATURE DEFINITION: Alignment\Channel\ChnlLine Text Style: 07-Ital Text Font: WSDOT CAE Text Size: 0.005833	0 | 0 151 | Text	*S 88° 55' 25" W*
ChnlLineCOGO AL_CH_ChnlLineCOGO USE FEATURE DEFINITION: Point\Alignment\ChnlLineCOGO	1 | 0 151 | Cell	*COGO* *N: 9500.000000'* *E: 11562.000000'*
ChnlLineCrvDataText AL_CH_ChnlLineCrvDataText USE FEATURE DEFINITION: Alignment\Channel\ChnlLine Text Style: 07-Ital Text Font: WSDOT CAE Text Size: 0.005833	0 | 0 151 | Text	*S 88° 55' 25" W*
ChnlLineCurvePtCircle AL_CH_ChnlLineCurvePtCircle USE FEATURE DEFINITION: Alignment\Channel\ChnlLine	1 | 0 151 | Cell	○
ChnlLineLineDesText AL_CH_ChnlLineLineDesText USE FEATURE DEFINITION: Alignment\Channel\ChnlLine Text Style: 07-Ital Text Font: WSDOT CAE Text Size: 0.005833	0 | 0 151 | Text	*L LINE*
ChnlLineMajorStaText AL_CH_ChnlLineMajorStaText USE FEATURE DEFINITION: Alignment\Channel\ChnlLine Text Style: 07-Ital Text Font: WSDOT CAE Text Size: 0.005833	0 | 0 151 | Text	*10*

S5.05 Standard Symbols (cont.)

Examples are shown at the correct size for all drawing scales printed to 11"x17" PS&E sheet, unless otherwise noted. Items flagged with an asterisk (*) are True Size items that always measure the same in ground units and their size on a print changes with the drawing scale. The scales of the True Size item examples are noted. Where noted, use the Feature Definition rather than Element Template to place feature.

Alignment – Channel – Existing

Element Template (Level Name)	ByLevel Weight | ByLevel Style byLevel Color | Element Type	Example
ChnlLinePCPIPTText AL_CH_ChnlLinePCPIPTText USE FEATURE DEFINITION: Alignment\Channel\ChnlLine Text Style: 07-Ital Text Font: WSDOT CAE Text Size: 0.005833	0 | 0 151 | Text	*B 10+68.42 P.C.*
ChnlLinePItoPILine AL_CH_ChnlLinePItoPILine USE FEATURE DEFINITION: Alignment\Channel\ChnlLine	1 | 3 151 | Linear	
ChnlLineStaEquaText AL_CH_ChnlLineStaEquaText USE FEATURE DEFINITION: Alignment\Channel\ChnlLine Text Style: 07-Ital Text Font: WSDOT CAE Text Size: 0.005833	0 | 0 151 | Text	*B 10+68.42 P.O.T. BK.=*
ChnlLineStaEquation AL_CH_ChnlLineStaEquation USE FEATURE DEFINITION: Alignment\Channel\ChnlLine	1 | 3 151 | Cell	EQUATION
ChnlLineStationText AL_CH_ChnlLineStationText USE FEATURE DEFINITION: Alignment\Channel\ChnlLine Text Style: 07-Ital Text Font: WSDOT CAE Text Size: 0.005833	0 | 0 151 | Text	*B 10+68.42*
ChnlLineTics AL_CH_ChnlLineTics USE FEATURE DEFINITION: Alignment\Channel\ChnlLine	2 | 0 151 | Cell	2.5' 3.96' 5.04' 25

S5.05 Standard Symbols (cont.)

Examples are shown at the correct size for all drawing scales printed to 11"x17" PS&E sheet, unless otherwise noted. Items flagged with an asterisk (*) are True Size items that always measure the same in ground units and their size on a print changes with the drawing scale. The scales of the True Size item examples are noted. Where noted, use the Feature Definition rather than Element Template to place feature.

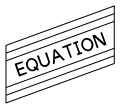
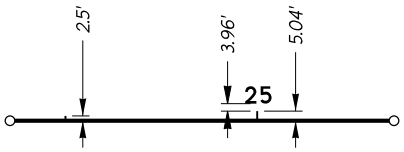
Alignment – Channel – New

Element Template (Level Name)	ByLevel Weight | ByLevel Style byLevel Color | Element Type	Example
ChnlLineNew AL_CH_ChnlLineNew USE FEATURE DEFINITION: Alignment\Channel\ChnlLineNew	5 | 0 137 | Linear	
ChnlLineNewBearingsText AL_CH_ChnlLineNewBearingsText USE FEATURE DEFINITION: Alignment\Channel\ChnlLineNew Text Style: 07-Bold Text Font: WSDOT CAE Text Size: 0.005833	0 | 0 137 | Text	**S 88° 55' 25" W**
ChnlLineNewCOGO AL_CH_ChnlLineNewCOGO USE FEATURE DEFINITION: Point\Alignment\ChnlLineNewCOGO	1 | 0 137 | Cell	COGO N: 9500.000000' E: 12562.000000'
ChnlLineNewCrvDataText AL_CH_ChnlLineNewCrvDataText USE FEATURE DEFINITION: Alignment\Channel\ChnlLineNew Text Style: 07-Bold Text Font: WSDOT CAE Text Size: 0.005833	0 | 0 137 | Text	**S 88° 55' 25" W**
ChnlLineNewCurvePtCircle AL_CH_ChnlLineNewCurvePTCircle USE FEATURE DEFINITION: Alignment\Channel\ChnlLineNew	1 | 0 137 | Cell	○
ChnlLineNewLineDesText AL_CH_ChnlLineNewLineDesText USE FEATURE DEFINITION: Alignment\Channel\ChnlLineNew Text Style: 07-Bold Text Font: WSDOT CAE Text Size: 0.005833	0 | 0 137 | Text	**L LINE**
ChnlLineNewMajorStaText AL_CH_ChnlLineNewMajorStaText USE FEATURE DEFINITION: Alignment\Channel\ChnlLineNew Text Style: 09-Bold Text Font: WSDOT CAE Text Size: 0.0075	0 | 0 137 | Text	**10**

S5.05 Standard Symbols (cont.)

Examples are shown at the correct size for all drawing scales printed to 11"x17" PS&E sheet, unless otherwise noted. Items flagged with an asterisk (*) are True Size items that always measure the same in ground units and their size on a print changes with the drawing scale. The scales of the True Size item examples are noted. Where noted, use the Feature Definition rather than Element Template to place feature.

Alignment – Channel – New

Element Template (Level Name)	ByLevel Weight | ByLevel Style / byLevel Color | Element Type	Example
ChnlLineNewPCPIPTText AL_CH_ChnlLineNewPCPIPTText USE FEATURE DEFINITION: Alignment\Channel\ChnlLineNew Text Style: 07-Bold Text Font: WSDOT CAE Text Size: 0.005833	0 | 0 137 | Text	B 10+68.42 P.C.
ChnlLineNewPItoPILine AL_CH_ChnlLineNewPItoPILine USE FEATURE DEFINITION: Alignment\Channel\ChnlLineNew	1 | 3 137 | Linear	
ChnlLineNewStaEquaText AL_CH_ChnlLineNewStaEquaText USE FEATURE DEFINITION: Alignment\Channel\ChnlLineNew Text Style: 07-Bold Text Font: WSDOT CAE Text Size: 0.005833	0 | 0 137 | Text	B 10+68.42 P.O.T. BK.=
ChnlLineNewStaEquation AL_CH_ChnlLineNewStaEquation USE FEATURE DEFINITION: Alignment\Channel\ChnlLineNew	1 | 0 137 | Cell	
ChnlLineNewStationText AL_CH_ChnlLineNewStationText USE FEATURE DEFINITION: Alignment\Channel\ChnlLineNew Text Style: 07-Bold Text Font: WSDOT CAE Text Size: 0.005833	0 | 0 137 | Text	B 10+68.42 P.C.
ChnlLineNewTics AL_CH_ChnlLineNewTics USE FEATURE DEFINITION: Alignment\Channel\ChnlLineNew	2 | 0 137 | Cell	

S5.05 Standard Symbols (cont.)

Examples are shown at the correct size for all drawing scales printed to 11"x17" PS&E sheet, unless otherwise noted. Items flagged with an asterisk (*) are True Size items that always measure the same in ground units and their size on a print changes with the drawing scale. The scales of the True Size item examples are noted. Where noted, use the Feature Definition rather than Element Template to place feature.

Alignment – Highway – Existing

Element Template (Level Name)	ByLevel Weight | ByLevel Style byLevel Color | Element Type	Example
CLinePSE AL_HW_CLinePSE USE FEATURE DEFINITION: Alignment\Highway\CLinePSE	1 | AL_HW_CLinePSE 18 | Linear	
CLinePSEBearingsText AL_HW_CLinePSEBearingsText USE FEATURE DEFINITION: Alignment\Highway\CLinePSE Text Style: 07-Ital Text Font: WSDOT CAE Text Size: 0.005833	0 | 0 18 | Text	*S 88° 55' 25" W*
CLinePSECOGO AL_HW_CLinePSECOGO USE FEATURE DEFINITION: Point\Alignment\CLinePSECOGO	1 | 0 18 | Cell	*COGO* *N: 9500.000000'* *E: 13562.000000'*
CLinePSECrvDataText AL_HW_CLinePSECrvDataText USE FEATURE DEFINITION: Alignment\Highway\CLinePSE Text Style: 07-Ital Text Font: WSDOT CAE Text Size: 0.005833	0 | 0 18 | Text	*S 88° 55' 25" W*
CLinePSECurvePtCircle AL_HW_CLinePSECurvePtCircle USE FEATURE DEFINITION: Alignment\Highway\CLinePSE	0 | 0 18 | Cell	○
CLinePSELineDesText AL_HW_CLinePSELineDesText USE FEATURE DEFINITION: Alignment\Highway\CLinePSE Text Style: 07-Ital Text Font: WSDOT CAE Text Size: 0.005833	0 | 0 18 | Text	*L LINE*
CLinePSEMajorStaText AL_HW_CLinePSEMajorStaText USE FEATURE DEFINITION: Alignment\Highway\CLinePSE Text Style: 07-Ital Text Font: WSDOT CAE Text Size: 0.005833	0 | 0 18 | Text	*10*

S5.05 Standard Symbols (cont.)

Examples are shown at the correct size for all drawing scales printed to 11"x17" PS&E sheet, unless otherwise noted. Items flagged with an asterisk (*) are True Size items that always measure the same in ground units and their size on a print changes with the drawing scale. The scales of the True Size item examples are noted. Where noted, use the Feature Definition rather than Element Template to place feature.

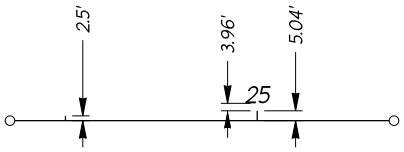
Alignment – Highway – Existing

Element Template (Level Name)	ByLevel Weight | ByLevel Style byLevel Color | Element Type	Example
CLinePSEPCPIPTText AL_HW_CLinePSEPCPIPTText USE FEATURE DEFINITION: Alignment\Highway\CLinePSE Text Style: 07-Ital Text Font: WSDOT CAE Text Size: 0.005833	0 | 0 18 | Text	*B 10+68.42 P.C.*
CLinePSEPItoPILine AL_HW_CLinePSEPItoPILine USE FEATURE DEFINITION: Alignment\Highway\CLinePSE	0 | 3 18 | Linear	
CLinePSE-Profile AL_HW_CLinePSE USE FEATURE DEFINITION: Alignment\Highway\CLinePSE	1 | AL_HW_CLinePSE 18 | Linear	
CLinePSESRNoText AL_HW_CLinePSESRNoText USE FEATURE DEFINITION: Alignment\Highway\CLinePSE Text Style: 07-Ital Text Font: WSDOT CAE Text Size: 0.005833	0 | 0 18 | Text	*SR 104*
CLinePSEStaEquaText AL_HW_CLinePSEStaEquaText USE FEATURE DEFINITION: Alignment\Highway\CLinePSE Text Style: 07-Ital Text Font: WSDOT CAE Text Size: 0.005833	0 | 0 18 | Text	*B 10+68.42 P.O.T. BK.=*
CLinePSEStaEquation AL_HW_CLinePSEStaEquation USE FEATURE DEFINITION: Alignment\Highway\CLinePSE	1 | 3 18 | Cell	
CLinePSEStationText AL_HW_CLinePSEStationText USE FEATURE DEFINITION: Alignment\Highway\CLinePSE Text Style: 07-Ital Text Font: WSDOT CAE Text Size: 0.005833	0 | 0 18 | Text	*B 10+68.42*

S5.05 Standard Symbols (cont.)

Examples are shown at the correct size for all drawing scales printed to 11"x17" PS&E sheet, unless otherwise noted. Items flagged with an asterisk (*) are True Size items that always measure the same in ground units and their size on a print changes with the drawing scale. The scales of the True Size item examples are noted. Where noted, use the Feature Definition rather than Element Template to place feature.

Alignment - Highway - Existing

Element Template (Level Name)	ByLevel Weight | ByLevel Style byLevel Color | Element Type	Example
CLinePSETics AL_HW_CLinePSETics USE FEATURE DEFINITION: Alignment\Highway\CLinePSE	1 | 0 18 | Cell	

S5.05 Standard Symbols (cont.)

Examples are shown at the correct size for all drawing scales printed to 11"x17" PS&E sheet, unless otherwise noted. Items flagged with an asterisk (*) are True Size items that always measure the same in ground units and their size on a print changes with the drawing scale. The scales of the True Size item examples are noted. Where noted, use the Feature Definition rather than Element Template to place feature.

Alignment – Highway – New

Element Template (Level Name)	ByLevel Weight | ByLevel Style byLevel Color | Element Type	Example
CLinePSENew AL_HW_CLinePSENew USE FEATURE DEFINITION: Alignment\Highway\CLinePSENew	5 | 0 2 | Linear	
CLinePSENewBearingsText AL_HW_CLinePSENewBearingsText USE FEATURE DEFINITION: Alignment\Highway\CLinePSENew Text Style: 07-Bold Text Font: WSDOT CAE Text Size: 0.005833	0 | 0 2 | Text	**S 88° 55' 25" W**
CLinePSENewCOGO AL_HW_CLinePSENewCOGO USE FEATURE DEFINITION: Point\Alignment\CLinePSENewCOGO	1 | 0 2 | Cell	COGO N: 9500.000000' E: 14562.000000'
CLinePSENewCrvDataText AL_HW_CLinePSENewCrvDataText USE FEATURE DEFINITION: Alignment\Highway\CLinePSENew Text Style: 07-Bold Text Font: WSDOT CAE Text Size: 0.005833	0 | 0 2 | Text	**S 88° 55' 25" W**
CLinePSENewCurvePtCircle AL_HW_CLinePSENewCurvePtCircle USE FEATURE DEFINITION: Alignment\Highway\CLinePSENew	1 | 0 2 | Cell	
CLinePSENewLineDesText AL_HW_CLinePSENewLineDesText USE FEATURE DEFINITION: Alignment\Highway\CLinePSENew Text Style: 09-Bold Text Font: WSDOT CAE Text Size: 0.0075	0 | 0 2 | Text	**L LINE**
CLinePSENewMajorStaText AL_HW_CLinePSENewMajorStaText USE FEATURE DEFINITION: Alignment\Highway\CLinePSENew Text Style: 07-Bold Text Font: WSDOT CAE Text Size: 0.005833	0 | 0 2 | Text	10

S5.05 Standard Symbols (cont.)

Examples are shown at the correct size for all drawing scales printed to 11"x17" PS&E sheet, unless otherwise noted. Items flagged with an asterisk (*) are True Size items that always measure the same in ground units and their size on a print changes with the drawing scale. The scales of the True Size item examples are noted. Where noted, use the Feature Definition rather than Element Template to place feature.

Alignment – Highway – New

Element Template (Level Name)	ByLevel Weight | ByLevel Style byLevel Color | Element Type	Example
CLinePSENewPCPIPTText AL_HW_CLinePSENewPCPIPTText USE FEATURE DEFINITION: Alignment\Highway\CLinePSENew Text Style: 07-Bold Text Font: WSDOT CAE Text Size: 0.005833	0 | 0 2 | Text	B 10+68.42 P.C.
CLinePSENewPItoPILine AL_HW_CLinePSENewPItoPILine USE FEATURE DEFINITION: Alignment\Highway\CLinePSENew	1 | 3 2 | Linear	
CLinePSENewSRNoText AL_HW_CLinePSENewSRNoText USE FEATURE DEFINITION: Alignment\Highway\CLinePSENew Text Style: 09-Bold Text Font: WSDOT CAE Text Size: 0.0075	0 | 0 2 | Text	SR 104
CLinePSENewStaEquaText AL_HW_CLinePSENewStaEquaText USE FEATURE DEFINITION: Alignment\Highway\CLinePSENew Text Style: 07-Bold Text Font: WSDOT CAE Text Size: 0.005833	0 | 0 2 | Text	B 10+68.42 P.O.T. BK.=
CLinePSENewStaEquation AL_HW_CLinePSENewStaEquation USE FEATURE DEFINITION: Alignment\Highway\CLinePSENew	1 | 0 2 | Cell	EQUATION
CLinePSENewStationText AL_HW_CLinePSENewStationText USE FEATURE DEFINITION: Alignment\Highway\CLinePSENew Text Style: 07-Bold Text Font: WSDOT CAE Text Size: 0.005833	0 | 0 2 | Text	B 10+68.42
CLinePSENewTics AL_HW_CLinePSENewTics USE FEATURE DEFINITION: Alignment\Highway\CLinePSENew	2 | 0 2 | Cell	2.5' 3.96' 5.04' 25

S5.05 Standard Symbols (cont.)

Examples are shown at the correct size for all drawing scales printed to 11"x17" PS&E sheet, unless otherwise noted. Items flagged with an asterisk (*) are True Size items that always measure the same in ground units and their size on a print changes with the drawing scale. The scales of the True Size item examples are noted. Where noted, use the Feature Definition rather than Element Template to place feature.

Alignment – Right of Way – PSE

Element Template (Level Name)	ByLevel Weight | ByLevel Style byLevel Color | Element Type	Example
CLineRWforPSE AL_RW_CLineRWforPSE USE FEATURE DEFINITION: Alignment\Right of Way\PSE\ClineRWforPSE	1 | AL_RW_CLineRWforPSE 50 | Linear	——– – ——– – ——– – ——– – ——– – ——–
CLineRWforPSEBearingsText AL_RW_CLineRWforPSEBearingsText USE FEATURE DEFINITION: Alignment\Right of Way\PSE\ClineRWforPSE Text Style: 07-Ital Text Font: WSDOT CAE Text Size: 0.005833	0 | 0 50 | Text	*S 88° 55' 25" W*
CLineRWforPSECrvDataText AL_RW_CLineRWforPSECrvDataText USE FEATURE DEFINITION: Alignment\Right of Way\PSE\ClineRWforPSE Text Style: 07-Ital Text Font: WSDOT CAE Text Size: 0.005833	0 | 0 50 | Text	*S 88° 55' 25" W*
CLineRWforPSECurvePtCircle AL_RW_CLineRWforPSECrvePtCircle USE FEATURE DEFINITION: Alignment\Right of Way\PSE\ClineRWforPSE	1 | 0 50 | Cell	○
CLineRWforPSELineDesText AL_RW_CLineRWforPSELineDesText USE FEATURE DEFINITION: Alignment\Right of Way\PSE\ClineRWforPSE Text Style: 07-Ital Text Font: WSDOT CAE Text Size: 0.005833	0 | 0 50 | Text	*L LINE*
CLineRWforPSEMajorStaText AL_RW_CLineRWforPSEMajorStaText USE FEATURE DEFINITION: Alignment\Right of Way\PSE\ClineRWforPSE Text Style: 07-Ital Text Font: WSDOT CAE Text Size: 0.005833	0 | 0 50 | Text	*10*
CLineRWforPSEPCPIPTText AL_RW_CLineRWforPSEPCPIPTText USE FEATURE DEFINITION: Alignment\Right of Way\PSE\ClineRWforPSE Text Style: 07-Ital Text Font: WSDOT CAE Text Size: 0.005833	0 | 0 50 | Text	*RW 10+68.42 P.C.*

S5.05 Standard Symbols (cont.)

Examples are shown at the correct size for all drawing scales printed to 11"x17" PS&E sheet, unless otherwise noted. Items flagged with an asterisk (*) are True Size items that always measure the same in ground units and their size on a print changes with the drawing scale. The scales of the True Size item examples are noted. Where noted, use the Feature Definition rather than Element Template to place feature.

Alignment – Right of Way – PSE

Element Template (Level Name) | ByLevel Weight | ByLevel Style / byLevel Color | Element Type | Example

CLineRWforPSEPItoPILine — 0 | 3 / 50 | Linear

AL_RW_CLineRWforPSEPItoPILine

USE FEATURE DEFINITION: Alignment\Right of Way\PSE\ClineRWforPSE

CLineRWforPSESRNoText — 0 | 0 / 50 | Text

AL_RW_CLineRWforPSESRNoText

USE FEATURE DEFINITION: Alignment\Right of Way\PSE\ClineRWforPSE
Text Style: 07-Ital
Text Font: WSDOT CAE
Text Size: 0.005833

SR 104

CLineRWforPSEStaEquaText — 0 | 0 / 50 | Text

AL_RW_CLineRWforPSEStaEquaText

USE FEATURE DEFINITION: Alignment\Right of Way\PSE\ClineRWforPSE
Text Style: 07-Ital
Text Font: WSDOT CAE
Text Size: 0.005833

RW 10+68.42 P.O.T. BK.=

CLineRWforPSEStaEquation — 1 | 3 / 50 | Cell

AL_RW_CLineRWforPSEStaEquation

USE FEATURE DEFINITION: Alignment\Right of Way\PSE\ClineRWforPSE



CLineRWforPSEStationText — 0 | 0 / 50 | Text

AL_RW_CLineRWforPSEStationText

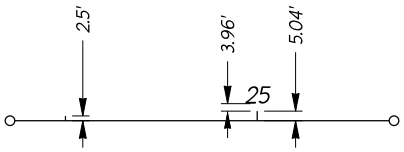
USE FEATURE DEFINITION: Alignment\Right of Way\PSE\ClineRWforPSE
Text Style: 07-Ital
Text Font: WSDOT CAE
Text Size: 0.005833

RW 10+68.42

CLineRWforPSETics — 1 | 0 / 50 | Cell

AL_RW_CLineRWforPSETics

USE FEATURE DEFINITION: Alignment\Right of Way\PSE\ClineRWforPSE



S5.05 Standard Symbols (cont.)

Examples are shown at the correct size for all drawing scales printed to 11"x17" PS&E sheet, unless otherwise noted. Items flagged with an asterisk (*) are True Size items that always measure the same in ground units and their size on a print changes with the drawing scale. The scales of the True Size item examples are noted. Where noted, use the Feature Definition rather than Element Template to place feature.

Alignment - Working Line

Element Template (Level Name)	ByLevel Weight | ByLevel Style / byLevel Color | Element Type	Example

WLineWallNew
AL_WL_WLineWallNew
5 | 0 / 2 | Linear

USE FEATURE DEFINITION: Alignment\Working Line\WLineWallNew

WLineWallNewBearingsText
AL_WL_WLineWallNewBearingsText
0 | 0 / 2 | Text

S 88° 55' 25" W

USE FEATURE DEFINITION: Alignment\Working Line\WLineWallNew
Text Style: 07-Bold
Text Font: WSDOT CAE
Text Size: 0.005833

WLineWallNewCOGO
AL_WL_WLineWallNewCOGO
1 | 0 / 2 | Cell

COGO
N: 9500.000000'
E: 16562.000000'

USE FEATURE DEFINITION: Point\Alignment\WLineWallNewCOGO

WLineWallNewCrvDataText
AL_WL_WLineWallNewCrvDataText
0 | 0 / 2 | Text

S 88° 55' 25" W

USE FEATURE DEFINITION: Alignment\Working Line\WLineWallNew
Text Style: 07-Bold
Text Font: WSDOT CAE
Text Size: 0.005833

WLineWallNewCurvePtCircle
AL_WL_WLineWallNewCurvePtCircle
1 | 0 / 2 | Cell

USE FEATURE DEFINITION: Alignment\Working Line\WLineWallNew

WLineWallNewLineDesText
AL_WL_WLineWallNewLineDesText
0 | 0 / 2 | Text

NB1 WALL

USE FEATURE DEFINITION: Alignment\Working Line\WLineWallNew
Text Style: 07-Bold
Text Font: WSDOT CAE
Text Size: 0.005833

WLineWallNewMajorStaText
AL_WL_WLineWallNewMajorStaText
0 | 0 / 2 | Text

10

USE FEATURE DEFINITION: Alignment\Working Line\WLineWallNew
Text Style: 09-Bold
Text Font: WSDOT CAE
Text Size: 0.0075

S5.05 Standard Symbols (cont.)

Examples are shown at the correct size for all drawing scales printed to 11"x17" PS&E sheet, unless otherwise noted. Items flagged with an asterisk (*) are True Size items that always measure the same in ground units and their size on a print changes with the drawing scale. The scales of the True Size item examples are noted. Where noted, use the Feature Definition rather than Element Template to place feature.

Alignment - Working Line

Element Template (Level Name) | ByLevel Weight | ByLevel Style | byLevel Color | Element Type | Example

WLineWallNewPCPIPTText — 0 | 0 | 2 | Text

AL_WL_WLineWallNewPCPIPTText

USE FEATURE DEFINITION: Alignment\Working Line\WLineWallNew
Text Style: 07-Bold
Text Font: WSDOT CAE
Text Size: 0.005833

Example: NB1 10+36 P.I.

WLineWallNewPItoPILine — 1 | 3 | 2 | Linear

AL_WL_WLineWallNewPItoPILine

USE FEATURE DEFINITION: Alignment\Working Line\WLineWallNew

WLineWallNewStaEquaText — 0 | 0 | 2 | Text

AL_WL_WLineWallNewStaEquaText

USE FEATURE DEFINITION: Alignment\Working Line\WLineWallNew
Text Style: 07-Bold
Text Font: WSDOT CAE
Text Size: 0.005833

Example: NB1 10+68.42 P.O.T. BK.=

WLineWallNewStaEquation — 1 | 0 | 2 | Cell

AL_WL_WLineWallNewStaEquation

USE FEATURE DEFINITION: Alignment\Working Line\WLineWallNew

Example: EQUATION

WLineWallNewStationText — 0 | 0 | 2 | Text

AL_WL_WLineWallNewStationText

USE FEATURE DEFINITION: Alignment\Working Line\WLineWallNew
Text Style: 07-Bold
Text Font: WSDOT CAE
Text Size: 0.005833

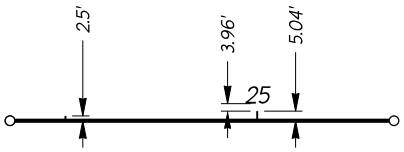
Example: NB1 10+68.42

WLineWallNewTics — 2 | 0 | 2 | Cell

AL_WL_WLineWallNewTics

USE FEATURE DEFINITION: Alignment\Working Line\WLineWallNew

Example:



S5.05 Standard Symbols (cont.)

Examples are shown at the correct size for all drawing scales printed to 11"x17" PS&E sheet, unless otherwise noted. Items flagged with an asterisk (*) are True Size items that always measure the same in ground units and their size on a print changes with the drawing scale. The scales of the True Size item examples are noted. Where noted, use the Feature Definition rather than Element Template to place feature.

Drainage - Ditches

Element Template (Level Name) | ByLevel Weight / byLevel Color | ByLevel Style / Element Type | Example

AsphaltDitch
DR_PP_AsphaltDitch
0 | 0
145 | Linear

USE FEATURE DEFINITION: Linear\Drainage\Ditches\AsphaltDitch

AsphaltDitchNew
DR_PP_AsphaltDitchNew
2 | 0
129 | Linear

USE FEATURE DEFINITION: Linear\Drainage\Ditches\AsphaltDitchNew

BackOfDitchNew
DR_PP_BackOfDitchNew
1 | 0
1 | Linear

USE FEATURE DEFINITION: Linear\Drainage\Ditches\BackOfDitchNew

DitchBottom
DR_PP_DitchBottom
1 | DR_PP_DitchBottom
17 | Linear

USE FEATURE DEFINITION: Linear\Drainage\Ditches\DitchBottom

DitchBottomBack
DR_PP_DitchBottomBack
1 | 0
17 | Linear

USE FEATURE DEFINITION: Linear\Drainage\Ditches\DitchBottomBack

DitchBottomBackNew
DR_PP_DitchBottomBackNew
1 | 0
1 | Linear

USE FEATURE DEFINITION: Linear\Drainage\Ditches\DitchBottomBackNew

DitchBottomNew
DR_PP_DitchBottomNew
1 | DR_PP_DitchBottomNew
1 | Linear

USE FEATURE DEFINITION: Linear\Drainage\Ditches\DitchBottomNew

S5.05 Standard Symbols (cont.)

Examples are shown at the correct size for all drawing scales printed to 11"x17" PS&E sheet, unless otherwise noted. Items flagged with an asterisk (*) are True Size items that always measure the same in ground units and their size on a print changes with the drawing scale. The scales of the True Size item examples are noted. Where noted, use the Feature Definition rather than Element Template to place feature.

Drainage - Ditches

Element Template (Level Name)	ByLevel Weight | ByLevel Style byLevel Color | Element Type	Example
DitchBottomNoDir DR_PP_DitchBottomNoDir USE FEATURE DEFINITION: Linear\Drainage\Ditches\DitchBottomNoDir	1 | DR_PP_DitchBottomNoDir 17 | Linear	

S5.05 Standard Symbols (cont.)

Examples are shown at the correct size for all drawing scales printed to 11"x17" PS&E sheet, unless otherwise noted. Items flagged with an asterisk (*) are True Size items that always measure the same in ground units and their size on a print changes with the drawing scale. The scales of the True Size item examples are noted. Where noted, use the Feature Definition rather than Element Template to place feature.

Drainage - Pipes

Element Template (Level Name)	ByLevel Weight | ByLevel Style byLevel Color | Element Type	Example
Culvert DR_PP_Culvert USE FEATURE DEFINITION: Linear\Drainage\Pipes\Culvert	0 | 2 81 | Linear	
CulvertNew DR_PP_CulvertNew USE FEATURE DEFINITION: Linear\Drainage\Pipes\CulvertNew	1 | 0 65 | Linear	
DrainPipe DR_PP_DrainPipe USE FEATURE DEFINITION: Linear\Drainage\Pipes\DrainPipe	0 | DR_PP_DrainPipe 81 | Linear	
DrainPipeDeactive DR_PP_DrainPipeDeactive USE FEATURE DEFINITION: Linear\Drainage\Pipes\DrainPipeDeactive	0 | DR_PP_DrainPipeDeactive 81 | Linear	
DrainPipeNew DR_PP_DrainPipeNew USE FEATURE DEFINITION: Linear\Drainage\Pipes\DrainPipeNew	2 | DR_PP_DrainPipeNew 65 | Linear	
Gutter DR_PP_Gutter	0 | 0 113 | Linear	
GutterNew DR_PP_GutterNew	0 | 0 129 | Linear	

S5.05 Standard Symbols (cont.)

Examples are shown at the correct size for all drawing scales printed to 11"x17" PS&E sheet, unless otherwise noted. Items flagged with an asterisk (*) are True Size items that always measure the same in ground units and their size on a print changes with the drawing scale. The scales of the True Size item examples are noted. Where noted, use the Feature Definition rather than Element Template to place feature.

Drainage - Pipes

Element Template (Level Name)	ByLevel Weight | ByLevel Style byLevel Color | Element Type	Example
StormSewerPipe DR_PP_StormSewerPipe USE FEATURE DEFINITION: Linear\Drainage\Pipes\StormSewerPipe	0 | DR_PP_StormSewerLine 49 | Linear	
StormSewerPipeDeactive DR_PP_StormSewerPipeDeactive USE FEATURE DEFINITION: Linear\Drainage\Pipes\StormSewerPipeDeactive	0 | DR_PP_StormSewerLineDeactive 49 | Linear	
StormSewerPipeNew DR_PP_StormSewerPipeNew USE FEATURE DEFINITION: Linear\Drainage\Pipes\StormSewerPipeNew	0 | DR_PP_StormSewerLineNew 33 | Linear	
UnderDrainPipe DR_PP_UnderDrainPipe USE FEATURE DEFINITION: Linear\Drainage\Pipes\UnderDrainPipe	0 | DR_PP_UnderDrainLine 113 | Linear	
UnderDrainPipeDeactive DR_PP_UnderDrainPipeDeactive USE FEATURE DEFINITION: Linear\Drainage\Pipes\UnderDrainPipeDeactive	0 | DR_PP_UnderDrainLineDeactive 113 | Linear	
UnderDrainPipeNew DR_PP_UnderDrainPipeNew USE FEATURE DEFINITION: Linear\Drainage\Pipes\UnderDrainPipeNew	0 | DR_PP_UnderDrainLineNew 97 | Linear	

S5.05 Standard Symbols (cont.)

Examples are shown at the correct size for all drawing scales printed to 11"x17" PS&E sheet, unless otherwise noted. Items flagged with an asterisk (*) are True Size items that always measure the same in ground units and their size on a print changes with the drawing scale. The scales of the True Size item examples are noted. Where noted, use the Feature Definition rather than Element Template to place feature.

Drainage - Pipes - Profile

Element Template (Level Name)	ByLevel Weight | ByLevel Style byLevel Color | Element Type	Example
CulvertNewProfile DR_PP_CulvertNew USE SUBSURFACE UTILITY CONDUIT OR NODE	1 | 0 65 | Linear	
CulvertProfile DR_PP_Culvert USE SUBSURFACE UTILITY CONDUIT OR NODE	0 | 2 81 | Linear	
DrainPipeDeactiveProfile DR_PP_DrainPipeDeactive USE SUBSURFACE UTILITY CONDUIT OR NODE	0 | DR_PP_DrainPipeDeactive 81 | Linear	
DrainPipeNewProfile DR_PP_DrainPipeNew USE SUBSURFACE UTILITY CONDUIT OR NODE	2 | DR_PP_DrainPipeNew 65 | Linear	
DrainPipeProfile DR_PP_DrainPipe USE SUBSURFACE UTILITY CONDUIT OR NODE	0 | DR_PP_DrainPipe 81 | Linear	
GutterNewProfile DR_PP_GutterNew USE SUBSURFACE UTILITY CONDUIT OR NODE	0 | 0 129 | Linear	
GutterProfile DR_PP_Gutter USE SUBSURFACE UTILITY CONDUIT OR NODE	0 | 0 113 | Linear	

S5.05 Standard Symbols (cont.)

Examples are shown at the correct size for all drawing scales printed to 11"x17" PS&E sheet, unless otherwise noted. Items flagged with an asterisk (*) are True Size items that always measure the same in ground units and their size on a print changes with the drawing scale. The scales of the True Size item examples are noted. Where noted, use the Feature Definition rather than Element Template to place feature.

Drainage - Pipes - Profile

Element Template (Level Name)	ByLevel Weight | ByLevel Style byLevel Color | Element Type	Example
StormSewerPipeDeactiveProfile DR_PP_StormSewerPipeDeactive USE SUBSURFACE UTILITY CONDUIT OR NODE	0 | DR_PP_StormSewerLineDeactive 49 | Linear	
StormSewerPipeNewProfile DR_PP_StormSewerPipeNew USE SUBSURFACE UTILITY CONDUIT OR NODE	0 | DR_PP_StormSewerLineNew 33 | Linear	
StormSewerPipeProfile DR_PP_StormSewerPipe USE SUBSURFACE UTILITY CONDUIT OR NODE	0 | DR_PP_StormSewerLine 49 | Linear	
UnderDrainPipeDeactiveProfile DR_PP_UnderDrainPipeDeactive USE SUBSURFACE UTILITY CONDUIT OR NODE	0 | DR_PP_UnderDrainLineDeactive 113 | Linear	
UnderDrainPipeNewProfile DR_PP_UnderDrainPipeNew USE SUBSURFACE UTILITY CONDUIT OR NODE	0 | DR_PP_UnderDrainLineNew 97 | Linear	
UnderDrainPipeProfile DR_PP_UnderDrainPipe USE SUBSURFACE UTILITY CONDUIT OR NODE	0 | DR_PP_UnderDrainLine 113 | Linear	

S5.05 Standard Symbols (cont.)

Examples are shown at the correct size for all drawing scales printed to 11"x17" PS&E sheet, unless otherwise noted. Items flagged with an asterisk (*) are True Size items that always measure the same in ground units and their size on a print changes with the drawing scale. The scales of the True Size item examples are noted. Where noted, use the Feature Definition rather than Element Template to place feature.

Drainage - Points

Element Template (Level Name)	ByLevel Weight | ByLevel Style / byLevel Color | Element Type	Example
CatchBasinFlowLine1 DR_PP_CatchBasinFlowLine1 USE FEATURE DEFINITION: Point\Drainage\Points\CatchBasinFlowLine1	0 | 0 113 | Cell	CB1FL ELEV: 0.000000'
CatchBasinFlowLine2 DR_PP_CatchBasinFlowLine2 USE FEATURE DEFINITION: Point\Drainage\Points\CatchBasinFlowLine2	0 | 0 113 | Cell	CB2FL ELEV: 0.000000'
CatchBasinFlowLine3 DR_PP_CatchBasinFlowLine3 USE FEATURE DEFINITION: Point\Drainage\Points\CatchBasinFlowLine3	0 | 0 113 | Cell	CB3FL ELEV: 0.000000'
CatchBasinFlowLine4 DR_PP_CatchBasinFlowLine4 USE FEATURE DEFINITION: Point\Drainage\Points\CatchBasinFlowLine4	0 | 0 113 | Cell	CB4FL ELEV: 0.000000'
CatchBasinFlowLine5 DR_PP_CatchBasinFlowLine5 USE FEATURE DEFINITION: Point\Drainage\Points\CatchBasinFlowLine5	0 | 0 113 | Cell	CB5FL ELEV: 0.000000'
CatchBasinFlowLine6 DR_PP_CatchBasinFlowLine6 USE FEATURE DEFINITION: Point\Drainage\Points\CatchBasinFlowLine6	0 | 0 113 | Cell	CB6FL ELEV: 0.000000'
CatchBasinFlowLine7 DR_PP_CatchBasinFlowLine7 USE FEATURE DEFINITION: Point\Drainage\Points\CatchBasinFlowLine7	0 | 0 113 | Cell	CB7FL ELEV: 0.000000'

S5.05 Standard Symbols (cont.)

Examples are shown at the correct size for all drawing scales printed to 11"x17" PS&E sheet, unless otherwise noted. Items flagged with an asterisk (*) are True Size items that always measure the same in ground units and their size on a print changes with the drawing scale. The scales of the True Size item examples are noted. Where noted, use the Feature Definition rather than Element Template to place feature.

Drainage - Points

Element Template (Level Name)	ByLevel Weight | ByLevel Style byLevel Color | Element Type	Example
CatchBasinFlowLine8 DR_PP_CatchBasinFlowLine8 USE FEATURE DEFINITION: Point\Drainage\Points\CatchBasinFlowLine8	0 | 0 113 | Cell	CB8FL ELEV: 0.000000'
DirectionOfPipe DR_PP_DirectionOfPipe USE FEATURE DEFINITION: Point\Drainage\Points\DirectionOfPipe	0 | 0 81 | Cell	DIRP
Flume DR_PP_Flume USE FEATURE DEFINITION: Point\Drainage\Points\Flume	0 | 0 145 | Linear	

S5.05 Standard Symbols (cont.)

Examples are shown at the correct size for all drawing scales printed to 11"x17" PS&E sheet, unless otherwise noted. Items flagged with an asterisk (*) are True Size items that always measure the same in ground units and their size on a print changes with the drawing scale. The scales of the True Size item examples are noted. Where noted, use the Feature Definition rather than Element Template to place feature.

Drainage - Ponds

Element Template (Level Name) | ByLevel Weight / byLevel Color | ByLevel Style / Element Type | Example

DetentionPond — 3 | 3 / 81 | Linear
DR_PP_DetentionPond
USE FEATURE DEFINITION: Linear\Drainage\Ponds\DetentionPond

DetentionPondBerm — 3 | 0 / 81 | Linear
DR_PP_DetentionPondBerm
USE FEATURE DEFINITION: Linear\Drainage\Ponds\DetentionPondBerm

DetentionPondBermNew — 3 | 0 / 65 | Linear
DR_PP_DetentionPondBermNew
USE FEATURE DEFINITION: Linear\Drainage\Ponds\DetentionPondBermNew

DetentionPondBottom — 3 | 3 / 81 | Linear
DR_PP_DetentionPondBottom
USE FEATURE DEFINITION: Linear\Drainage\Ponds\DetentionPondBottom

DetentionPondBottomNew — 3 | 0 / 65 | Linear
DR_PP_DetentionPondBottomNew
USE FEATURE DEFINITION: Linear\Drainage\Ponds\DetentionPondBottomNew

DetentionPondNew — 3 | 0 / 65 | Linear
DR_PP_DetentionPondNew
USE FEATURE DEFINITION: Linear\Drainage\Ponds\DetentionPondNew

DetentionPondTop — 3 | 0 / 81 | Linear
DR_PP_DetentionPondTop
USE FEATURE DEFINITION: Linear\Drainage\Ponds\DetentionPondTop

S5.05 Standard Symbols (cont.)

Examples are shown at the correct size for all drawing scales printed to 11"x17" PS&E sheet, unless otherwise noted. Items flagged with an asterisk (*) are True Size items that always measure the same in ground units and their size on a print changes with the drawing scale. The scales of the True Size item examples are noted. Where noted, use the Feature Definition rather than Element Template to place feature.

Drainage - Ponds

Element Template (Level Name)	ByLevel Weight | ByLevel Style byLevel Color | Element Type	Example
DetentionPondTopNew DR_PP_DetentionPondTopNew USE FEATURE DEFINITION: Linear\Drainage\Ponds\DetentionPondTopNew	3 | 0 65 | Linear	
Spring DR_PP_Spring USE FEATURE DEFINITION: Linear\Drainage\Ponds\Spring	2 | DR_PP_Spring 145 | Linear	

S5.05 Standard Symbols (cont.)

Examples are shown at the correct size for all drawing scales printed to 11"x17" PS&E sheet, unless otherwise noted. Items flagged with an asterisk (*) are True Size items that always measure the same in ground units and their size on a print changes with the drawing scale. The scales of the True Size item examples are noted. Where noted, use the Feature Definition rather than Element Template to place feature.

Drainage - Structures

Element Template (Level Name)	ByLevel Weight | ByLevel Style byLevel Color | Element Type	Example
AreaInlet DR_ST_AreaInlet USE FEATURE DEFINITION: Point\Drainage\Structures\AreaInlet	0 | 0 49 | Cell	
AreaInletBridge DR_ST_AreaInletBridge USE FEATURE DEFINITION: Point\Drainage\Structures\AreaInletBridge	0 | 0 113 | Cell	
AreaInletBridgeNew DR_ST_AreaInletBridgeNew USE FEATURE DEFINITION: Point\Drainage\Structures\AreaInletBridgeNew	0 | 0 97 | Cell	
AreaInletDeactive DR_ST_AreaInletDeactive USE FEATURE DEFINITION: Point\Drainage\Structures\AreaInletDeactive	0 | 0 49 | Cell	
AreaInletNew DR_ST_AreaInletNew USE FEATURE DEFINITION: Point\Drainage\Structures\AreaInletNew	0 | 0 33 | Cell	
AreaInletTunnel DR_ST_AreaInletTunnel USE FEATURE DEFINITION: Point\Drainage\Structures\AreaInletTunnel	0 | 0 113 | Cell	
AreaInletTunnelNew DR_ST_AreaInletTunnelNew USE FEATURE DEFINITION: Point\Drainage\Structures\AreaInletTunnelNew	0 | 0 129 | Cell	

S5.05 Standard Symbols (cont.)

Examples are shown at the correct size for all drawing scales printed to 11"x17" PS&E sheet, unless otherwise noted. Items flagged with an asterisk (*) are True Size items that always measure the same in ground units and their size on a print changes with the drawing scale. The scales of the True Size item examples are noted. Where noted, use the Feature Definition rather than Element Template to place feature.

Drainage - Structures

Element Template (Level Name)	ByLevel Weight | ByLevel Style byLevel Color | Element Type	Example
BoxCulvert DR_ST_BoxCulvert USE FEATURE DEFINITION: Linear\Drainage\Structures\BoxCulvert	0 | 2 81 | Linear	
BoxCulvertNew DR_ST_BoxCulvertNew USE FEATURE DEFINITION: Linear\Drainage\Structures\BoxCulvertNew	2 | 0 65 | Linear	
CastMetalInlet DR_ST_CastMetalInlet USE FEATURE DEFINITION: Point\Drainage\Structures\CastMetalInlet	0 | 0 49 | Cell	
CastMetalInletDeactive DR_ST_CastMetalInletDeactive USE FEATURE DEFINITION: Point\Drainage\Structures\CastMetalInletDeactive	0 | 0 49 | Cell	
CastMetalInletNew DR_ST_CastMetalInletNew USE FEATURE DEFINITION: Point\Drainage\Structures\CastMetalInletNew	0 | 0 33 | Cell	
CatchBasin DR_ST_CatchBasin USE FEATURE DEFINITION: Point\Drainage\Structures\CatchBasin	0 | 0 49 | Cell	
CatchBasinBridge DR_ST_CatchBasinBridge USE FEATURE DEFINITION: Point\Drainage\Structures\CatchBasinBridge	0 | 0 113 | Cell	

S5.05 Standard Symbols (cont.)

Examples are shown at the correct size for all drawing scales printed to 11"x17" PS&E sheet, unless otherwise noted. Items flagged with an asterisk (*) are True Size items that always measure the same in ground units and their size on a print changes with the drawing scale. The scales of the True Size item examples are noted. Where noted, use the Feature Definition rather than Element Template to place feature.

Drainage - Structures

Element Template (Level Name)	ByLevel Weight | ByLevel Style / byLevel Color | Element Type	Example
CatchBasinBridgeNew DR_ST_CatchBasinBridgeNew USE FEATURE DEFINITION: Point\Drainage\Structures\CatchBasinBridgeNew	0 | 0 97 | Cell	
CatchBasinDeactive DR_ST_CatchBasinDeactive USE FEATURE DEFINITION: Point\Drainage\Structures\CatchBasinDeactive	0 | 0 49 | Cell	
CatchBasinNew DR_ST_CatchBasinNew USE FEATURE DEFINITION: Point\Drainage\Structures\CatchBasinNew	0 | 0 33 | Cell	
CatchBasinTunnel DR_ST_CatchBasinTunnel USE FEATURE DEFINITION: Point\Drainage\Structures\CatchBasinTunnel	0 | 0 113 | Cell	
CatchBasinTunnelNew DR_ST_CatchBasinTunnelNew USE FEATURE DEFINITION: Point\Drainage\Structures\CatchBasinTunnelNew	0 | 0 97 | Cell	
ConcreteInlet DR_ST_ConcreteInlet USE FEATURE DEFINITION: Point\Drainage\Structures\ConcreteInlet	0 | 0 49 | Cell	
ConcreteInletDeactive DR_ST_ConcreteInletDeactive USE FEATURE DEFINITION: Point\Drainage\Structures\ConcreteInletDeactive	0 | 0 49 | Cell	

S5.05 Standard Symbols (cont.)

Examples are shown at the correct size for all drawing scales printed to 11"x17" PS&E sheet, unless otherwise noted. Items flagged with an asterisk (*) are True Size items that always measure the same in ground units and their size on a print changes with the drawing scale. The scales of the True Size item examples are noted. Where noted, use the Feature Definition rather than Element Template to place feature.

Drainage - Structures

Element Template (Level Name)	ByLevel Weight | ByLevel Style byLevel Color | Element Type	Example
ConcreteInletNew DR_ST_ConcreteInletNew USE FEATURE DEFINITION: Point\Drainage\Structures\ConcreteInletNew	0 | 0 33 | Cell	
DikeNew DR_ST_DikeNew USE FEATURE DEFINITION: Linear\Drainage\Structures\DikeNew	10 | 0 129 | Linear	
DrainBridge DR_ST_DrainBridge USE FEATURE DEFINITION: Point\Drainage\Structures\DrainBridge	0 | 0 113 | Cell	
DrainBridgeDeactive DR_ST_DrainBridgeDeactive USE FEATURE DEFINITION: Point\Drainage\Structures\DrainBridgeDeactive	0 | 0 113 | Cell	
DrainBridgeNew DR_ST_DrainBridgeNew USE FEATURE DEFINITION: Point\Drainage\Structures\DrainBridgeNew	0 | 0 97 | Cell	
DrainTunnel DR_ST_DrainTunnel USE FEATURE DEFINITION: Point\Drainage\Structures\DrainTunnel	0 | 0 113 | Cell	
DrainTunnelNew DR_ST_DrainTunnelNew USE FEATURE DEFINITION: Point\Drainage\Structures\DrainTunnelNew	0 | 0 97 | Cell	

S5.05 Standard Symbols (cont.)

Examples are shown at the correct size for all drawing scales printed to 11"x17" PS&E sheet, unless otherwise noted. Items flagged with an asterisk (*) are True Size items that always measure the same in ground units and their size on a print changes with the drawing scale. The scales of the True Size item examples are noted. Where noted, use the Feature Definition rather than Element Template to place feature.

Drainage - Structures

Element Template (Level Name)	ByLevel Weight | ByLevel Style byLevel Color | Element Type	Example
DropInlet DR_ST_DropInlet USE FEATURE DEFINITION: Point\Drainage\Structures\DropInlet	0 | 0 49 | Cell	
DropInletDeactive DR_ST_DropInletDeactive USE FEATURE DEFINITION: Point\Drainage\Structures\DropInletDeactive	0 | 0 49 | Cell	
DropInletNew DR_ST_DropInletNew USE FEATURE DEFINITION: Point\Drainage\Structures\DropInletNew	0 | 0 33 | Cell	
DropInletType2 DR_ST_DropInletType2 USE FEATURE DEFINITION: Point\Drainage\Structures\DropInletType2	0 | 0 49 | Cell	
DropInletType2Deactive DR_ST_DropInletType2Deactive USE FEATURE DEFINITION: Point\Drainage\Structures\DropInletType2Deactive	0 | 0 49 | Cell	
DropInletType2New DR_ST_DropInletType2New USE FEATURE DEFINITION: Point\Drainage\Structures\DropInletType2New	0 | 0 33 | Cell	
DryWell DR_ST_DryWell USE FEATURE DEFINITION: Point\Drainage\Structures\DryWell	0 | 0 145 | Cell	

S5.05 Standard Symbols (cont.)

Examples are shown at the correct size for all drawing scales printed to 11"x17" PS&E sheet, unless otherwise noted. Items flagged with an asterisk (*) are True Size items that always measure the same in ground units and their size on a print changes with the drawing scale. The scales of the True Size item examples are noted. Where noted, use the Feature Definition rather than Element Template to place feature.

Drainage - Structures

Element Template (Level Name)	ByLevel Weight | ByLevel Style byLevel Color | Element Type	Example
DryWellDeactive DR_ST_DryWellDeactive USE FEATURE DEFINITION: Point\Drainage\Structures\DryWellDeactive	0 | 0 145 | Cell	
DryWellNew DR_ST_DryWellNew USE FEATURE DEFINITION: Point\Drainage\Structures\DryWellNew	0 | 0 129 | Cell	
DummyNode_Drainage DR_ST_DummyNode USE FEATURE DEFINITION: Point\Drainage\Structures\DummyNode_Drainage	0 | 0 33 | Cell	
GrateInlet DR_ST_GrateInlet USE FEATURE DEFINITION: Point\Drainage\Structures\GrateInlet	0 | 0 49 | Cell	
GrateInletBridge DR_ST_GrateInletBridge USE FEATURE DEFINITION: Point\Drainage\Structures\GrateInletBridge	0 | 0 113 | Cell	
GrateInletBridgeNew DR_ST_GrateInletBridgeNew USE FEATURE DEFINITION: Point\Drainage\Structures\GrateInletBridgeNew	0 | 0 97 | Cell	
GrateInletDeactive DR_ST_GrateInletDeactive USE FEATURE DEFINITION: Point\Drainage\Structures\GrateInletDeactive	0 | 0 49 | Cell	

S5.05 Standard Symbols (cont.)

Examples are shown at the correct size for all drawing scales printed to 11"x17" PS&E sheet, unless otherwise noted. Items flagged with an asterisk (*) are True Size items that always measure the same in ground units and their size on a print changes with the drawing scale. The scales of the True Size item examples are noted. Where noted, use the Feature Definition rather than Element Template to place feature.

Drainage - Structures

Element Template (Level Name)	ByLevel Weight | ByLevel Style byLevel Color | Element Type	Example
GrateInletNew DR_ST_GrateInletNew USE FEATURE DEFINITION: Point\Drainage\Structures\GrateInletNew	0 | 0 33 | Cell	
GrateInletTunnel DR_ST_GrateInletTunnel USE FEATURE DEFINITION: Point\Drainage\Structures\GrateInletTunnel	0 | 0 113 | Cell	
GrateInletTunnelNew DR_ST_GrateInletTunnelNew USE FEATURE DEFINITION: Point\Drainage\Structures\GrateInletTunnelNew	0 | 0 97 | Cell	
HeadWall DR_ST_HeadWall USE FEATURE DEFINITION: Linear\Drainage\Structures\HeadWall	0 | DR_ST_HeadWall 81 | Linear	
HeadWallBottom DR_ST_HeadWallBottom USE FEATURE DEFINITION: Linear\Drainage\Structures\HeadWallBottom	0 | 0 81 | Linear	
HeadWallNew DR_ST_HeadWallNew USE FEATURE DEFINITION: Linear\Drainage\Structures\HeadWallNew	0 | DR_ST_HeadWallNew 65 | Cell	
HeadWallTop DR_ST_HeadWallTop USE FEATURE DEFINITION: Linear\Drainage\Structures\HeadWallTop	0 | 0 81 | Linear	

S5.05 Standard Symbols (cont.)

Examples are shown at the correct size for all drawing scales printed to 11"x17" PS&E sheet, unless otherwise noted. Items flagged with an asterisk (*) are True Size items that always measure the same in ground units and their size on a print changes with the drawing scale. The scales of the True Size item examples are noted. Where noted, use the Feature Definition rather than Element Template to place feature.

Drainage - Structures

Element Template (Level Name)	ByLevel Weight | ByLevel Style byLevel Color | Element Type	Example
Inlet DR_ST_Inlet	0 | 0 49 | Cell	
InletDeactive DR_ST_InletDeactive USE FEATURE DEFINITION: Point\Drainage\Structures\InletDeactive	0 | 0 49 | Cell	
InletGeneric DR_ST_InletGeneric USE FEATURE DEFINITION: Point\Drainage\Structures\InletGeneric	0 | 0 49 | Cell	
InletGenericNew DR_ST_InletGenericNew USE FEATURE DEFINITION: Point\Drainage\Structures\InletGenericNew	0 | 0 33 | Cell	
InletNew DR_ST_InletNew	0 | 0 33 | Cell	
InletSlotted DR_ST_InletSlotted USE FEATURE DEFINITION: Linear\Drainage\Structures\InletSlotted	0 | DR_ST_InletSlotted 81 | Linear	
InletSlottedNew DR_ST_InletSlottedNew USE FEATURE DEFINITION: Linear\Drainage\Structures\InletSlottedNew	2 | DR_ST_InletSlottedNew 65 | Linear	

S5.05 Standard Symbols (cont.)

Examples are shown at the correct size for all drawing scales printed to 11"x17" PS&E sheet, unless otherwise noted. Items flagged with an asterisk (*) are True Size items that always measure the same in ground units and their size on a print changes with the drawing scale. The scales of the True Size item examples are noted. Where noted, use the Feature Definition rather than Element Template to place feature.

Drainage - Structures

Element Template (Level Name)	ByLevel Weight | ByLevel Style byLevel Color | Element Type	Example
Manhole DR_ST_Manhole USE FEATURE DEFINITION: Point\Drainage\Structures\Manhole	0 | 0 49 | Cell	
ManholeBridge DR_ST_ManholeBridge USE FEATURE DEFINITION: Point\Drainage\Structures\ManholeBridge	0 | 0 113 | Cell	
ManholeBridgeNew DR_ST_ManholeBridgeNew USE FEATURE DEFINITION: Point\Drainage\Structures\ManholeBridgeNew	0 | 0 97 | Cell	
ManholeDeactive DR_ST_ManholeDeactive USE FEATURE DEFINITION: Point\Drainage\Structures\ManholeDeactive	0 | 0 49 | Cell	
ManholeNew DR_ST_ManholeNew USE FEATURE DEFINITION: Point\Drainage\Structures\ManholeNew	0 | 0 33 | Cell	
ManholeTunnel DR_ST_ManholeTunnel USE FEATURE DEFINITION: Point\Drainage\Structures\ManholeTunnel	0 | 0 113 | Cell	
ManholeTunnelNew DR_ST_ManholeTunnelNew USE FEATURE DEFINITION: Point\Drainage\Structures\ManholeTunnelNew	0 | 0 97 | Cell	

S5.05 Standard Symbols (cont.)

Examples are shown at the correct size for all drawing scales printed to 11"x17" PS&E sheet, unless otherwise noted. Items flagged with an asterisk (*) are True Size items that always measure the same in ground units and their size on a print changes with the drawing scale. The scales of the True Size item examples are noted. Where noted, use the Feature Definition rather than Element Template to place feature.

Drainage - Structures

Element Template (Level Name)	ByLevel Weight | ByLevel Style / byLevel Color | Element Type	Example
OpenFlowRestrDeactive DR_ST_OpenFlowRestrDeactive USE FEATURE DEFINITION: Point\Drainage\Structures\OpenFlowRestrDeactive	0 | 0 49 | Cell	
OpenFlowRestrictor DR_ST_OpenFlowRestrictor USE FEATURE DEFINITION: Point\Drainage\Structures\OpenFlowRestrictor	0 | 0 49 | Cell	
OpenFlowRestrictorNew DR_ST_OpenFlowRestrictorNew USE FEATURE DEFINITION: Point\Drainage\Structures\OpenFlowRestrictorNew	0 | 0 33 | Cell	
StormSewerCleanOut DR_ST_StormSewerCleanOut USE FEATURE DEFINITION: Point\Drainage\Structures\StormSewerCleanOut	0 | 0 145 | Cell	
WingWall DR_ST_WingWall USE FEATURE DEFINITION: Linear\Drainage\Structures\WingWall	0 | DR_ST_WingWall 81 | Linear	
WingWallBottom DR_ST_WingWallBottom USE FEATURE DEFINITION: Linear\Drainage\Structures\WingWallBottom	0 | 0 81 | Linear	
WingWallNew DR_ST_WingWallNew USE FEATURE DEFINITION: Linear\Drainage\Structures\WingWallNew	0 | DR_ST_WingWallNew 65 | Linear	

S5.05 Standard Symbols (cont.)

Examples are shown at the correct size for all drawing scales printed to 11"x17" PS&E sheet, unless otherwise noted. Items flagged with an asterisk (*) are True Size items that always measure the same in ground units and their size on a print changes with the drawing scale. The scales of the True Size item examples are noted. Where noted, use the Feature Definition rather than Element Template to place feature.

Drainage - Structures

Element Template (Level Name)	ByLevel Weight | ByLevel Style byLevel Color | Element Type	Example
WingWallTop DR_ST_WingWallTop USE FEATURE DEFINITION: Linear\Drainage\Structures\WingWallTop	0 | 0 81 | Linear	

S5.05 Standard Symbols (cont.)

Examples are shown at the correct size for all drawing scales printed to 11"x17" PS&E sheet, unless otherwise noted. Items flagged with an asterisk (*) are True Size items that always measure the same in ground units and their size on a print changes with the drawing scale. The scales of the True Size item examples are noted. Where noted, use the Feature Definition rather than Element Template to place feature.

Drainage - Text

Element Template (Level Name)	ByLevel Weight | ByLevel Style byLevel Color | Element Type	Example
DrainagePipesText DR_PP_DrainagePipesText Text Style: 07-Ital Text Font: WSDOT CAE Text Size: 0.005833	0 | 0 17 | Text	*CULVERT*
DrainagePipesTextNew DR_PP_DrainagePipesTextNew Text Style: 07-Bold Text Font: WSDOT CAE Text Size: 0.005833	0 | 0 1 | Text	**CULVERT**
DrainageStructuresText DR_ST_DrainageStructuresText Text Style: 07-Ital Text Font: WSDOT CAE Text Size: 0.005833	0 | 0 17 | Text	*CULVERT*
DrainageStructuresTextNew DR_ST_DrainageStructuresTextNew Text Style: 07-Bold Text Font: WSDOT CAE Text Size: 0.005833	0 | 0 1 | Text	**CULVERT**

S5.05 Standard Symbols (cont.)

Examples are shown at the correct size for all drawing scales printed to 11"x17" PS&E sheet, unless otherwise noted. Items flagged with an asterisk (*) are True Size items that always measure the same in ground units and their size on a print changes with the drawing scale. The scales of the True Size item examples are noted. Where noted, use the Feature Definition rather than Element Template to place feature.

Environmental - Call-Out Flags

Element Template (Level Name)	ByLevel Weight | ByLevel Style / byLevel Color | Element Type	Example
IrrigFlag EV_IR_Flag	0 | 0 9 | Cell	
WireNoteFlag EV_IR_WireNoteFlag	0 | 0 9 | Cell	

S5.05 Standard Symbols (cont.)

Examples are shown at the correct size for all drawing scales printed to 11"x17" PS&E sheet, unless otherwise noted. Items flagged with an asterisk (*) are True Size items that always measure the same in ground units and their size on a print changes with the drawing scale. The scales of the True Size item examples are noted. Where noted, use the Feature Definition rather than Element Template to place feature.

Environmental - Erosion Control

Element Template (Level Name) | ByLevel Weight / ByLevel Style / byLevel Color / Element Type | Example

BarrierBrushNew
EV_EC_BarrierBrushNew
2 | EV_EC_BarrierBrushNew
9 | Linear



USE FEATURE DEFINITION: Linear\Environmental\Erosion Control\BarrierBrushNew

BermCompostNew
EV_EC_BermCompostNew
2 | EV_EC_BermCompostNew
9 | Linear

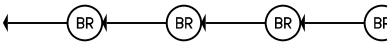


USE FEATURE DEFINITION: Linear\Environmental\Erosion Control\BermCompostNew

BermGravelFilterNew
EV_EC_BermGravelFilterNew
2 | EV_EC_BermGravelFilterNew
9 | Linear

USE FEATURE DEFINITION: Linear\Environmental\Erosion Control\BermGravelFilterNew

BioRetention
EV_EC_BioRetention
2 | EV_EC_BioRetention
9 | Linear



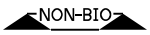
USE FEATURE DEFINITION: Linear\Environmental\Erosion Control\BioRetention

CheckDamBioNew
EV_EC_CheckDamBioNew
2 | 0
9 | Cell



USE FEATURE DEFINITION: Point\Environmental\Erosion Control\CheckDamBioNew

CheckDamNonBioNew
EV_EC_CheckDamNonBioNew
2 | 0
9 | Cell



USE FEATURE DEFINITION: Point\Environmental\Erosion Control\CheckDamNonBioNew

CompostFilterSockNew
EV_EC_CompostFilterSockNew
2 | EV_EC_CompostFilterSockNew
9 | Linear



USE FEATURE DEFINITION: Linear\Environmental\Erosion Control\CompostFilterSockNew

S5.05 Standard Symbols (cont.)

Examples are shown at the correct size for all drawing scales printed to 11"x17" PS&E sheet, unless otherwise noted. Items flagged with an asterisk (*) are True Size items that always measure the same in ground units and their size on a print changes with the drawing scale. The scales of the True Size item examples are noted. Where noted, use the Feature Definition rather than Element Template to place feature.

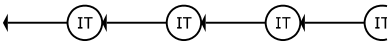
Environmental - Erosion Control

Element Template (Level Name)	ByLevel Weight | ByLevel Style byLevel Color | Element Type	Example
ConstrEntranceNew EV_EC_ConstrEntranceNew USE FEATURE DEFINITION: Linear\Environmental\Erosion Control\ConstrEntranceNew	0 | 0 9 | Cell	
ConstrEntranceTireWashNew EV_EC_ConstrEntranceTireWashNew USE FEATURE DEFINITION: Linear\Environmental\Erosion Control\ConstrEntranceTireWashNew	0 | 0 9 | Cell	
ContractorSensitiveArea EV_EC_ContractorSensitiveArea USE FEATURE DEFINITION: Linear\Environmental\Erosion Control\ContractorSensitiveArea	2 | EV_EC_ContractorSensitiveArea 23 | Linear	CSA
DewateringAreaNew EV_EC_DewateringAreaNew USE FEATURE DEFINITION: Linear\Environmental\Erosion Control\DewateringAreaNew	0 | 0 9 | Cell	
EcologyDitchNew EV_EC_EcologyDitchNew USE FEATURE DEFINITION: Linear\Environmental\Erosion Control\EcologyDitchNew	2 | EV_EC_EcologyDitchNew 9 | Linear	ED E
FenceHighVisConstNew EV_EC_FenceHighVisConstNew USE FEATURE DEFINITION: Linear\Environmental\Erosion Control\FenceHighVisContNew	2 | EV_EC_FenceHighVisConstNew 9 | Linear	HVF HVF HVF HVF HVF
FenceHighVisSiltNew EV_EC_FenceHighVisSiltNew USE FEATURE DEFINITION: Linear\Environmental\Erosion Control\FenceHighVisSiltNew	2 | EV_EC_FenceHighVisSiltNew 9 | Linear	HVS HVS HVS HVS HVS

S5.05 Standard Symbols (cont.)

Examples are shown at the correct size for all drawing scales printed to 11"x17" PS&E sheet, unless otherwise noted. Items flagged with an asterisk (*) are True Size items that always measure the same in ground units and their size on a print changes with the drawing scale. The scales of the True Size item examples are noted. Where noted, use the Feature Definition rather than Element Template to place feature.

Environmental - Erosion Control

Element Template (Level Name)	ByLevel Weight | ByLevel Style / byLevel Color | Element Type	Example
FenceSiltNew EV_EC_FenceSiltNew USE FEATURE DEFINITION: Linear\Environmental\Erosion Control\FenceSiltNew	2 | EV_EC_FenceSiltNew 9 | Linear	— SF —— SF —— SF —— SF —— SF —
FenceTurbidityCurtainNew EV_EC_FenceTurbidityCurtainNew USE FEATURE DEFINITION: Linear\Environmental\Erosion Control\FenceTurbidityCurtainNew	2 | EV_EC_FenceTurbidityCurtainNew 9 | Linear	— TC —— TC —— TC —— TC —— TC —
FishBlockNet EV_EC_FishBlockNet USE FEATURE DEFINITION: Linear\Environmental\Erosion Control\FishBlockNet	0 | 0 9 | Cell	
GenericCheckDamNew EV_EC_GenericCheckDamNew	0 | 0 9 | Cell	
GeoCheckDamNew EV_EC_GeoCheckDamNew	0 | 0 9 | Cell	
InfiltrationTrenchNew EV_EC_InfiltrationTrenchNew USE FEATURE DEFINITION: Linear\Environmental\Erosion Control\InfiltrationTrenchNew	2 | EV_EC_InfiltrationTrenchNew 9 | Linear	
InletCover EV_EC_InletCover USE FEATURE DEFINITION: Point\Environmental\Erosion Control\InletCover	1 | 0 23 | Cell	

S5.05 Standard Symbols (cont.)

Examples are shown at the correct size for all drawing scales printed to 11"x17" PS&E sheet, unless otherwise noted. Items flagged with an asterisk (*) are True Size items that always measure the same in ground units and their size on a print changes with the drawing scale. The scales of the True Size item examples are noted. Where noted, use the Feature Definition rather than Element Template to place feature.

Environmental - Erosion Control

Element Template (Level Name) | ByLevel Weight / ByLevel Style / byLevel Color / Element Type | Example

InletCoverNew
EV_EC_InletCoverNew
USE FEATURE DEFINITION: Point\Environmental\Erosion Control\InletCoverNew
2 / 0 / 9 / Cell

InletFilter
EV_EC_InletFilter
USE FEATURE DEFINITION: Point\Environmental\Erosion Control\InletFilter
1 / 0 / 23 / Cell

InletFilterNew
EV_EC_InletFilterNew
USE FEATURE DEFINITION: Point\Environmental\Erosion Control\InletFilterNew
2 / 0 / 9 / Cell

InletInsert
EV_EC_InletInsert
USE FEATURE DEFINITION: Point\Environmental\Erosion Control\InletInsert
1 / 0 / 23 / Cell

InletInsertNew
EV_EC_InletInsertNew
USE FEATURE DEFINITION: Point\Environmental\Erosion Control\InletInsertNew
2 / 0 / 9 / Cell

InterceptorDikeNew
EV_EC_InterceptorDikeNew
USE FEATURE DEFINITION: Linear\Environmental\Erosion Control\InterceptorDikeNew
2 / 0 / 9 / Linear

InterceptorSwaleNew
EV_EC_InterceptorSwaleNew
USE FEATURE DEFINITION: Linear\Environmental\Erosion Control\InterceptorSwaleNew
2 / 0 / 9 / Linear

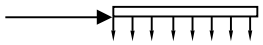
S5.05 Standard Symbols (cont.)

Examples are shown at the correct size for all drawing scales printed to 11"x17" PS&E sheet, unless otherwise noted. Items flagged with an asterisk (*) are True Size items that always measure the same in ground units and their size on a print changes with the drawing scale. The scales of the True Size item examples are noted. Where noted, use the Feature Definition rather than Element Template to place feature.

Environmental - Erosion Control

Element Template (Level Name)	ByLevel Weight | ByLevel Style byLevel Color | Element Type	Example

LevelSpreaderNew
EV_EC_LevelSpreaderNew
2 | 0
9 | Cell



USE FEATURE DEFINITION: Linear\Environmental\Erosion Control\LevelSpreaderNew

MulchingAndMattingNew
EV_EC_MulchingAndMattingNew
0 | 0
9 | Pattern Cell



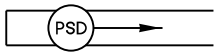
USE FEATURE DEFINITION: Linear\Environmental\Erosion Control\MulchingAndMattingNew

PermSeedingAndPlantingNew
EV_EC_PermSeedingAndPlantingNew
2 | 0
9 | Pattern Cell



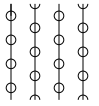
USE FEATURE DEFINITION: Linear\Environmental\Erosion Control\PermSeedingAndPlantingNew

PipeSlopeDrainNew
EV_EC_PipeSlopeDrainNew
2 | 0
9 | Cell



USE FEATURE DEFINITION: Linear\Environmental\Erosion Control\PipeSlopeDrainNew

PlasticCoveringNew
EV_EC_PlasticCoveringNew
0 | 0
9 | Pattern Cell



USE FEATURE DEFINITION: Linear\Environmental\Erosion Control\PlasticCoveringNew

RockCheckDamNew
EV_EC_RockCheckDamNew
0 | 0
9 | Cell



SandBagOrSackNew
EV_EC_SandBagOrSackNew
2 | EV_EC_SandBagOrSackNew
9 | Linear



USE FEATURE DEFINITION: Linear\Environmental\Erosion Control\SandBagOrSackNew

S5.05 Standard Symbols (cont.)

Examples are shown at the correct size for all drawing scales printed to 11"x17" PS&E sheet, unless otherwise noted. Items flagged with an asterisk (*) are True Size items that always measure the same in ground units and their size on a print changes with the drawing scale. The scales of the True Size item examples are noted. Where noted, use the Feature Definition rather than Element Template to place feature.

Environmental - Erosion Control

Element Template (Level Name) | ByLevel Weight / byLevel Color | ByLevel Style / Element Type | Example

SandCheckDamNew
EV_EC_SandCheckDamNew
0 | 0 / 9 | Cell

SedimentPondTemp
EV_EC_SedimentPondTemp
0 | 0 / 9 | Pattern Cell



USE FEATURE DEFINITION: Linear\Environmental\Erosion Control\SedimentPondTemp

SedimentPondTempNew
EV_EC_SedimentPondTempNew
0 | 0 / 9 | Pattern Cell



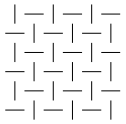
USE FEATURE DEFINITION: Linear\Environmental\Erosion Control\SedimentPondTempNew

SedimentTrapNew
EV_EC_SedimentTrapNew
2 | 0 / 9 | Cell



USE FEATURE DEFINITION: Linear\Environmental\Erosion Control\SedimentTrapNew

SeedingErosionControl
EV_EC_SeedingErosionControl
0 | 0 / 9 | Pattern Cell



USE FEATURE DEFINITION: Linear\Environmental\Erosion Control\SeedingErosionControl

SeedingTemp
EV_EC_SeedingTemp
2 | 0 / 9 | Pattern Cell



USE FEATURE DEFINITION: Linear\Environmental\Erosion Control\SeedingTemp

SeedingTempNew
EV_EC_SeedingTempNew
0 | 0 / 9 | Pattern Cell

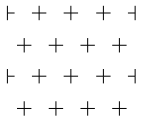
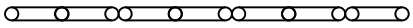


USE FEATURE DEFINITION: Linear\Environmental\Erosion Control\SeedingTempNew

S5.05 Standard Symbols (cont.)

Examples are shown at the correct size for all drawing scales printed to 11"x17" PS&E sheet, unless otherwise noted. Items flagged with an asterisk (*) are True Size items that always measure the same in ground units and their size on a print changes with the drawing scale. The scales of the True Size item examples are noted. Where noted, use the Feature Definition rather than Element Template to place feature.

Environmental - Erosion Control

Element Template (Level Name)	ByLevel Weight | ByLevel Style byLevel Color | Element Type	Example
SoddingNew EV_EC_SoddingNew USE FEATURE DEFINITION: Linear\Environmental\Landscape\SoddingNew	0 | 0 9 | Linear	
SoilBinderTackingAgentNew EV_EC_SoilBinderTackingAgentNew USE FEATURE DEFINITION: Linear\Environmental\Erosion Control\SoilBinderTackingAgentNew	0 | 0 9 | Pattern Cell	
TopsoilNew EV_EC_TopsoilNew USE FEATURE DEFINITION: Linear\Environmental\Landscape\TopsoilNew	0 | 0 9 | Pattern Cell	
VegetativeFilterStripNew EV_EC_VegetativeFilterStripNew USE FEATURE DEFINITION: Linear\Environmental\Erosion Control\VegetativeFilterStripNew	2 | EV_EC_VegetativeFilterStripNew 9 | Linear	
WattleNew EV_EC_WattleNew USE FEATURE DEFINITION: Linear\Environmental\Erosion Control\WattleNew	2 | EV_EC_WattleNew 9 | Linear	

S5.05 Standard Symbols (cont.)

Examples are shown at the correct size for all drawing scales printed to 11"x17" PS&E sheet, unless otherwise noted. Items flagged with an asterisk (*) are True Size items that always measure the same in ground units and their size on a print changes with the drawing scale. The scales of the True Size item examples are noted. Where noted, use the Feature Definition rather than Element Template to place feature.

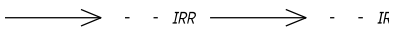
Environmental - HEC_RAS

Element Template (Level Name)	ByLevel Weight | ByLevel Style byLevel Color | Element Type	Example
HecRasXsec EV_HR_HecRasXsec	1 | 0 23 | Linear	
LeftBank EV_HR_LeftBank USE FEATURE DEFINITION: Linear\Environmental\HEC_RAS\LeftBank	3 | 0 23 | Linear	
LeftOverBank EV_HR_LeftOverBank USE FEATURE DEFINITION: Linear\Environmental\HEC_RAS\LeftOverBank	1 | 0 23 | Linear	
RightBank EV_HR_RightBank USE FEATURE DEFINITION: Linear\Environmental\HEC_RAS\RightBank	3 | 0 23 | Linear	
RightOverBank EV_HR_RightOverBank USE FEATURE DEFINITION: Linear\Environmental\HEC_RAS\RightOverBank	1 | 0 23 | Linear	
StreamCenterline EV_HR_StreamCenterline USE FEATURE DEFINITION: Linear\Environmental\HEC_RAS\StreamCenterline	4 | 0 23 | Linear	

S5.05 Standard Symbols (cont.)

Examples are shown at the correct size for all drawing scales printed to 11"x17" PS&E sheet, unless otherwise noted. Items flagged with an asterisk (*) are True Size items that always measure the same in ground units and their size on a print changes with the drawing scale. The scales of the True Size item examples are noted. Where noted, use the Feature Definition rather than Element Template to place feature.

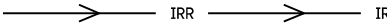
Environmental - Irrigation

Element Template (Level Name)	ByLevel Weight | ByLevel Style / byLevel Color | Element Type	Example
Box EV_IR_Box USE FEATURE DEFINITION: Point\Environmental\Irrigation\Box	1 | 0 23 | Cell	
BoxNew EV_IR_BoxNew USE FEATURE DEFINITION: Point\Environmental\Irrigation\BoxNew	2 | 0 9 | Cell	
Casing EV_IR_Casing USE FEATURE DEFINITION: Point\Environmental\Irrigation\Casing	1 | 0 23 | Cell	
CasingNew EV_IR_CasingNew USE FEATURE DEFINITION: Point\Environmental\Irrigation\CasingNew	2 | 0 9 | Cell	
Controller EV_IR_Controller USE FEATURE DEFINITION: Point\Environmental\Irrigation\Controller	1 | 0 23 | Cell	
ControllerNew EV_IR_ControllerNew USE FEATURE DEFINITION: Point\Environmental\Irrigation\ControllerNew	2 | 0 9 | Cell	
Ditch EV_IR_Ditch USE FEATURE DEFINITION: Linear\Environmental\Irrigation\Ditch	1 | EV_IR_Ditch 23 | Linear	

S5.05 Standard Symbols (cont.)

Examples are shown at the correct size for all drawing scales printed to 11"x17" PS&E sheet, unless otherwise noted. Items flagged with an asterisk (*) are True Size items that always measure the same in ground units and their size on a print changes with the drawing scale. The scales of the True Size item examples are noted. Where noted, use the Feature Definition rather than Element Template to place feature.

Environmental - Irrigation

Element Template (Level Name)	ByLevel Weight | ByLevel Style byLevel Color | Element Type	Example
DitchNew EV_IR_DitchNew USE FEATURE DEFINITION: Linear\Environmental\Irrigation\DitchNew	2 | EV_IR_DitchNew 9 | Linear	
IrrigBox EV_IR_IrrigBox USE FEATURE DEFINITION: Linear\Environmental\Irrigation\Box	0 | 0 23 | Cell	
IrrigBoxNew EV_IR_IrrigBoxNew USE FEATURE DEFINITION: Linear\Environmental\Irrigation\BoxNew	0 | 0 9 | Cell	
IrrigController EV_IR_IrrigController USE FEATURE DEFINITION: Linear\Environmental\Irrigation\Controller	0 | 0 23 | Cell	
IrrigControllerNew EV_IR_IrrigControllerNew USE FEATURE DEFINITION: Linear\Environmental\Irrigation\ControllerNew	0 | 0 9 | Cell	
IrrigMeter EV_IR_IrrigMeter USE FEATURE DEFINITION: Linear\Environmental\Irrigation\Meter	0 | 0 23 | Cell	
IrrigMeterNew EV_IR_IrrigMeterNew USE FEATURE DEFINITION: Linear\Environmental\Irrigation\MeterNew	0 | 0 9 | Cell	

S5.05 Standard Symbols (cont.)

Examples are shown at the correct size for all drawing scales printed to 11"x17" PS&E sheet, unless otherwise noted. Items flagged with an asterisk (*) are True Size items that always measure the same in ground units and their size on a print changes with the drawing scale. The scales of the True Size item examples are noted. Where noted, use the Feature Definition rather than Element Template to place feature.

Environmental - Irrigation

Element Template (Level Name)	ByLevel Weight | ByLevel Style / byLevel Color | Element Type	Example
IrrigSprinklerHead75 EV_IR_IrrigSprinklerHead75 USE FEATURE DEFINITION: Linear\Environmental\Irrigation\SprinkerHead75	1 | 0 23 | Cell	
IrrigSprinklerHead75New EV_IR_IrrigSprinklerHead75New USE FEATURE DEFINITION: Linear\Environmental\Irrigation\SprinkerHead75New	2 | 0 9 | Cell	
IrrigSprinklerHeadFull EV_IR_IrrigSprinklerHeadFull USE FEATURE DEFINITION: Linear\Environmental\Irrigation\SprinkerHeadFull	1 | 0 23 | Cell	
IrrigSprinklerHeadFullNew EV_IR_IrrigSprinklerHeadFullNew USE FEATURE DEFINITION: Linear\Environmental\Irrigation\SprinkerHeadFullNew	2 | 0 9 | Cell	
IrrigSprinklerHeadHalf EV_IR_IrrigSprinklerHeadHalf USE FEATURE DEFINITION: Linear\Environmental\Irrigation\SprinkerHeadHalf	1 | 0 23 | Cell	
IrrigSprinklerHeadHalfNew EV_IR_IrrigSprinklerHeadHalfNew USE FEATURE DEFINITION: Linear\Environmental\Irrigation\SprinkerHeadHalfNew	2 | 0 9 | Cell	
IrrigValve EV_IR_IrrigValve USE FEATURE DEFINITION: Linear\Environmental\Irrigation\ValveNew	0 | 0 23 | Cell	

S5.05 Standard Symbols (cont.)

Examples are shown at the correct size for all drawing scales printed to 11"x17" PS&E sheet, unless otherwise noted. Items flagged with an asterisk (*) are True Size items that always measure the same in ground units and their size on a print changes with the drawing scale. The scales of the True Size item examples are noted. Where noted, use the Feature Definition rather than Element Template to place feature.

Environmental - Irrigation

Element Template (Level Name)	ByLevel Weight | ByLevel Style / byLevel Color | Element Type	Example
IrrigValveNew EV_IR_IrrigValveNew USE FEATURE DEFINITION: Linear\Environmental\Irrigation\	0 | 0 9 | Cell	
LineDrip EV_IR_LineDrip USE FEATURE DEFINITION: Linear\Environmental\Irrigation\LineDrip	1 | EV_IR_LineDrip 23 | Linear	— DL — — DL — — DL — — DL — — DL —
LineDripNew EV_IR_LineDripNew USE FEATURE DEFINITION: Linear\Environmental\Irrigation\LineDripNew	2 | EV_IR_LineDripNew 9 | Linear	— DL —— DL —— DL —— DL —— DL —
LineLateral EV_IR_LineLateral USE FEATURE DEFINITION: Linear\Environmental\Irrigation\LineLateral	1 | EV_IR_LineLateral 23 | Linear	— LL — — LL — — LL — — LL — — LL —
LineLateralNew EV_IR_LineLateralNew USE FEATURE DEFINITION: Linear\Environmental\Irrigation\LineLateralNew	2 | EV_IR_LineLateralNew 9 | Linear	— LL —— LL —— LL —— LL —— LL —
LineMain EV_IR_LineMain USE FEATURE DEFINITION: Linear\Environmental\Irrigation\LineMain	1 | EV_IR_LineMain 23 | Linear	— ML — — ML — — ML — — ML — — ML —
LineMainNew EV_IR_LineMainNew USE FEATURE DEFINITION: Linear\Environmental\Irrigation\LineMainNew	2 | EV_IR_LineMainNew 9 | Linear	— ML —— ML —— ML —— ML —— ML —

S5.05 Standard Symbols (cont.)

Examples are shown at the correct size for all drawing scales printed to 11"x17" PS&E sheet, unless otherwise noted. Items flagged with an asterisk (*) are True Size items that always measure the same in ground units and their size on a print changes with the drawing scale. The scales of the True Size item examples are noted. Where noted, use the Feature Definition rather than Element Template to place feature.

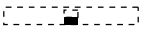
Environmental - Irrigation

Element Template (Level Name)	ByLevel Weight | ByLevel Style / byLevel Color | Element Type	Example
LineUnknown EV_IR_LineUnknown USE FEATURE DEFINITION: Linear\Environmental\Irrigation\LineUnknown	1 | EV_IR_LineUnknown 23 | Linear	— IRR — — IRR — — IRR — — IRR — — IRR —
Meter EV_IR_Meter USE FEATURE DEFINITION: Point\Environmental\Irrigation\Meter	1 | 0 23 | Cell	M
MeterNew EV_IR_MeterNew USE FEATURE DEFINITION: Point\Environmental\Irrigation\MeterNew	2 | 0 9 | Cell	M
SprinklerHead25 EV_IR_SprinklerHead25 USE FEATURE DEFINITION: Point\Environmental\Irrigation\SprinklerHead25	1 | 0 23 | Cell	
SprinklerHead25New EV_IR_SprinklerHead25New USE FEATURE DEFINITION: Point\Environmental\Irrigation\SprinklerHead25New	2 | 0 9 | Cell	
SprinklerHead75 EV_IR_SprinklerHead75 USE FEATURE DEFINITION: Point\Environmental\Irrigation\SprinklerHead75	1 | 0 23 | Cell	
SprinklerHead75New EV_IR_SprinklerHead75New USE FEATURE DEFINITION: Point\Environmental\Irrigation\SprinklerHead75New	2 | 0 9 | Cell	

S5.05 Standard Symbols (cont.)

Examples are shown at the correct size for all drawing scales printed to 11"x17" PS&E sheet, unless otherwise noted. Items flagged with an asterisk (*) are True Size items that always measure the same in ground units and their size on a print changes with the drawing scale. The scales of the True Size item examples are noted. Where noted, use the Feature Definition rather than Element Template to place feature.

Environmental - Irrigation

Element Template (Level Name)	ByLevel Weight | ByLevel Style / byLevel Color | Element Type	Example
SprinklerHeadFull EV_IR_SprinklerHeadFull USE FEATURE DEFINITION: Point\Environmental\Irrigation\SprinklerHeadFull	1 | 0 23 | Cell	
SprinklerHeadFullNew EV_IR_SprinklerHeadFullNew USE FEATURE DEFINITION: Point\Environmental\Irrigation\SprinklerHeadFullNew	2 | 0 9 | Cell	
SprinklerHeadHalf EV_IR_SprinklerHeadHalf USE FEATURE DEFINITION: Point\Environmental\Irrigation\SprinklerHeadHalf	1 | 0 23 | Cell	
SprinklerHeadHalfNew EV_IR_SprinklerHeadHalfNew USE FEATURE DEFINITION: Point\Environmental\Irrigation\SprinklerHeadHalfNew	2 | 0 9 | Cell	
SprinklerHeadStripCenter EV_IR_SprinklerHeadStripCenter USE FEATURE DEFINITION: Point\Environmental\Irrigation\SprinklerHeadStripCenter	1 | 2 23 | Cell	
SprinklerHeadStripCentNew EV_IR_SprinklerHeadStripCentNew USE FEATURE DEFINITION: Point\Environmental\Irrigation\SprinklerHeadStripCentNew	2 | 0 9 | Cell	
SprinklerHeadStripEnd EV_IR_SprinklerHeadStripEnd USE FEATURE DEFINITION: Point\Environmental\Irrigation\SprinklerHeadStripEnd	1 | 2 23 | Cell	

S5.05 Standard Symbols (cont.)

Examples are shown at the correct size for all drawing scales printed to 11"x17" PS&E sheet, unless otherwise noted. Items flagged with an asterisk (*) are True Size items that always measure the same in ground units and their size on a print changes with the drawing scale. The scales of the True Size item examples are noted. Where noted, use the Feature Definition rather than Element Template to place feature.

Environmental - Irrigation

Element Template (Level Name)	ByLevel Weight | ByLevel Style / byLevel Color | Element Type	Example
SprinklerHeadStripEndNew EV_IR_SprinklerHeadStripEndNew USE FEATURE DEFINITION: Point\Environmental\Irrigation\SprinklerHeadStripEndNew	2 | 0 9 | Cell	
SprinklerHeadStripSide EV_IR_SprinklerHeadStripSide USE FEATURE DEFINITION: Point\Environmental\Irrigation\SprinklerHeadStripSide	1 | 2 23 | Cell	
SprinklerHeadStripSideNew EV_IR_SprinklerHeadStripSideNew USE FEATURE DEFINITION: Point\Environmental\Irrigation\SprinklerHeadStripSideNew	2 | 0 9 | Cell	
Valve EV_IR_Valve USE FEATURE DEFINITION: Point\Environmental\Irrigation\Valve	1 | 0 23 | Cell	
ValveAutoControl EV_IR_ValveAutoControl USE FEATURE DEFINITION: Point\Environmental\Irrigation\ValveAutoControl	1 | 0 23 | Cell	
ValveAutoControlNew EV_IR_ValveAutoControlNew USE FEATURE DEFINITION: Point\Environmental\Irrigation\ValveAutoControlNew	2 | 0 9 | Cell	
ValveBall EV_IR_ValveBall USE FEATURE DEFINITION: Point\Environmental\Irrigation\ValveBall	1 | 0 23 | Cell	

S5.05 Standard Symbols (cont.)

Examples are shown at the correct size for all drawing scales printed to 11"x17" PS&E sheet, unless otherwise noted. Items flagged with an asterisk (*) are True Size items that always measure the same in ground units and their size on a print changes with the drawing scale. The scales of the True Size item examples are noted. Where noted, use the Feature Definition rather than Element Template to place feature.

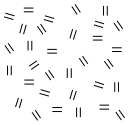
Environmental - Irrigation

Element Template (Level Name)	ByLevel Weight | ByLevel Style / byLevel Color | Element Type	Example
ValveBallNew EV_IR_ValveBallNew USE FEATURE DEFINITION: Point\Environmental\Irrigation\ValveBallNew	2 | 0 9 | Cell	
ValveDoubleCheck EV_IR_ValveDoubleCheck USE FEATURE DEFINITION: Point\Environmental\Irrigation\ValveDoubleCheck	1 | 0 23 | Cell	
ValveDoubleCheckNew EV_IR_ValveDoubleCheckNew USE FEATURE DEFINITION: Point\Environmental\Irrigation\ValveDoubleCheckNew	2 | 0 9 | Cell	
ValveGate EV_IR_ValveGate USE FEATURE DEFINITION: Point\Environmental\Irrigation\ValveGate	1 | 0 23 | Cell	
ValveGateNew EV_IR_ValveGateNew USE FEATURE DEFINITION: Point\Environmental\Irrigation\ValveGateNew	2 | 0 9 | Cell	
ValveNew EV_IR_ValveNew USE FEATURE DEFINITION: Point\Environmental\Irrigation\ValveNew	2 | 0 9 | Cell	
WiringandConduit EV_IR_WiringandConduit USE FEATURE DEFINITION: Linear\Environmental\Irrigation\WiringandConduit	2 | 6 105 | Linear	

S5.05 Standard Symbols (cont.)

Examples are shown at the correct size for all drawing scales printed to 11"x17" PS&E sheet, unless otherwise noted. Items flagged with an asterisk (*) are True Size items that always measure the same in ground units and their size on a print changes with the drawing scale. The scales of the True Size item examples are noted. Where noted, use the Feature Definition rather than Element Template to place feature.

Environmental - Landscape

Element Template (Level Name)	ByLevel Weight | ByLevel Style byLevel Color | Element Type	Example
BatHouse EV_LS_BatHouse USE FEATURE DEFINITION: Point\Environmental\Landscape\BatHouse	0 | 0 9 | Cell	
BioEngineeringNew EV_LS_BioEngineeringNew USE FEATURE DEFINITION: Linear\Environmental\Landscape\BioEngineeringNew	0 | 0 9 | Linear	
Boulder EV_LS_Boulder USE FEATURE DEFINITION: Linear\Environmental\Landscape\Boulder	1 | 0 9 | Cell	
CAVFS EV_LS_CAVFS USE FEATURE DEFINITION: Linear\Environmental\Landscape\CAVFS	0 | 0 9 | Pattern Cell	
CAVFSEdge EV_LS_CAVFSEdge USE FEATURE DEFINITION: Linear\Environmental\Landscape\CAVFSEdge	2 | EV_LS_CAVFSEdge 9 | Linear	
ClearPruneGrubSelective EV_LS_ClearPruneGrubSelective USE FEATURE DEFINITION: Linear\Environmental\Landscape\ClearPruneGrubSelective	4 | EV_LS_ClearPruneGrubSelective 9 | Linear	
ClearPruneSelective EV_LS_ClearPruneSelective USE FEATURE DEFINITION: Linear\Environmental\Landscape\ClearPruneSelective	4 | EV_LS_ClearPruneSelective 9 | Linear	

S5.05 Standard Symbols (cont.)

Examples are shown at the correct size for all drawing scales printed to 11"x17" PS&E sheet, unless otherwise noted. Items flagged with an asterisk (*) are True Size items that always measure the same in ground units and their size on a print changes with the drawing scale. The scales of the True Size item examples are noted. Where noted, use the Feature Definition rather than Element Template to place feature.

Environmental - Landscape

Element Template (Level Name)	ByLevel Weight | ByLevel Style byLevel Color | Element Type	Example
ClearSelective EV_LS_ClearSelective USE FEATURE DEFINITION: Linear\Environmental\Landscape\ClearSelective	4 | EV_LS_ClearSelective 9 | Linear	
CompostCoarse1 EV_LS_CompostCoarse1	0 | 0 9 | Pattern Cell	
CompostCoarse2 EV_LS_CompostCoarse2	0 | 0 9 | Pattern Cell	
CompostFine EV_LS_CompostFine USE FEATURE DEFINITION: Linear\Environmental\Landscape\CompostFine	0 | 0 9 | Pattern Cell	
CompostMedium EV_LS_CompostMedium USE FEATURE DEFINITION: Linear\Environmental\Landscape\CompostMedium	0 | 0 9 | Pattern Cell	
ConcreteDecorative EV_LS_ConcreteDecorative USE FEATURE DEFINITION: Linear\Environmental\Landscape\ConcreteDecorative	2 | 0 9 | Linear	
CriticalRootZoneInner EV_LS_CriticalRootZoneInner	1 | 7 15 | Linear	

S5.05 Standard Symbols (cont.)

Examples are shown at the correct size for all drawing scales printed to 11"x17" PS&E sheet, unless otherwise noted. Items flagged with an asterisk (*) are True Size items that always measure the same in ground units and their size on a print changes with the drawing scale. The scales of the True Size item examples are noted. Where noted, use the Feature Definition rather than Element Template to place feature.

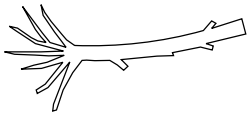
Environmental - Landscape

Element Template (Level Name)	ByLevel Weight | ByLevel Style byLevel Color | Element Type	Example
CriticalRootZoneOuter EV_LS_CriticalRootZoneOuter	1 | 0 23 | Linear	
EdgePlantingNew EV_LS_EdgePlantingNew USE FEATURE DEFINITION: Linear\Environmental\Landscape\EdgePlantingNew	2 | 0 9 | Linear	
Fascine EV_LS_Fascine USE FEATURE DEFINITION: Linear\Environmental\Landscape\Fascine	5 | 3 9 | Linear	
FeatureHabitat EV_LS_FeatureHabitat USE FEATURE DEFINITION: Linear\Environmental\Landscape\FeatureHabitat	2 | 0 9 | Linear	
FeatureLandscape EV_LS_FeatureLandscape USE FEATURE DEFINITION: Linear\Environmental\Landscape\FeatureLandscape	1 | 0 23 | Linear	
FeatureLandscapeNew EV_LS_FeatureLandscapeNew USE FEATURE DEFINITION: Linear\Environmental\Landscape\FeatureLandscapeNew	2 | 0 9 | Linear	
FenceRestrictedAccess EV_LS_FenceRestrictedAccess USE FEATURE DEFINITION: Linear\Environmental\Landscape\FenceRestrictedAccess	2 | EV_LS_FenceRestrictedAccess 9 | Linear	

S5.05 Standard Symbols (cont.)

Examples are shown at the correct size for all drawing scales printed to 11"x17" PS&E sheet, unless otherwise noted. Items flagged with an asterisk (*) are True Size items that always measure the same in ground units and their size on a print changes with the drawing scale. The scales of the True Size item examples are noted. Where noted, use the Feature Definition rather than Element Template to place feature.

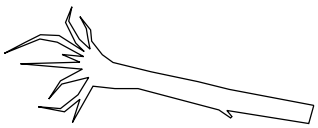
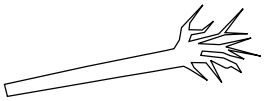
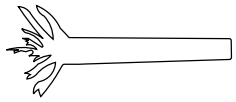
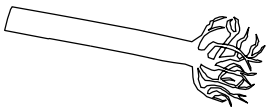
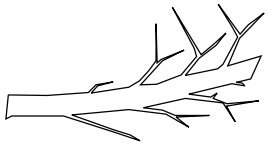
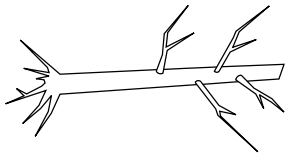
Environmental - Landscape

Element Template (Level Name)	ByLevel Weight | ByLevel Style / byLevel Color | Element Type	Example
Furnishings EV_LS_Furnishings USE FEATURE DEFINITION: Linear\Environmental\Landscape\Furnishings	1 | 0 23 | Linear	
FurnishingsNew EV_LS_FurnishingsNew USE FEATURE DEFINITION: Linear\Environmental\Landscape\FurnishingsNew	2 | 0 9 | Linear	
GroundWaterContours EV_LS_GroundWaterContours USE FEATURE DEFINITION: Linear\Environmental\Landscape\GroundWaterContours	1 | 3 23 | Linear	
LargeWoodyMaterial EV_LS_LargeWoodyMaterial USE FEATURE DEFINITION: Linear\Environmental\Landscape\LargeWoodyMaterial	1 | 0 9 | Linear	
LivePoleCutting EV_LS_LivePoleCutting USE FEATURE DEFINITION: Point\Environmental\Landscape\LivePoleCutting	2 | 0 9 | Cell	
LiveStakeCutting EV_LS_LiveStakeCutting USE FEATURE DEFINITION: Point\Environmental\Landscape\LiveStakeCutting	2 | 0 9 | Cell	
Log1 EV_LS_Log	1 | 0 9 | Cell	

S5.05 Standard Symbols (cont.)

Examples are shown at the correct size for all drawing scales printed to 11"x17" PS&E sheet, unless otherwise noted. Items flagged with an asterisk (*) are True Size items that always measure the same in ground units and their size on a print changes with the drawing scale. The scales of the True Size item examples are noted. Where noted, use the Feature Definition rather than Element Template to place feature.

Environmental - Landscape

Element Template (Level Name)	ByLevel Weight | ByLevel Style byLevel Color | Element Type	Example
Log2 EV_LS_Log	1 | 0 9 | Cell	
Log3 EV_LS_Log	1 | 0 9 | Cell	
Log4 EV_LS_Log	1 | 0 9 | Cell	
Log5 EV_LS_Log	1 | 0 9 | Cell	
Log6 EV_LS_Log	1 | 0 9 | Cell	
Log7 EV_LS_Log	1 | 0 9 | Cell	
Log8 EV_LS_Log	1 | 0 9 | Cell	

S5.05 Standard Symbols (cont.)

Examples are shown at the correct size for all drawing scales printed to 11"x17" PS&E sheet, unless otherwise noted. Items flagged with an asterisk (*) are True Size items that always measure the same in ground units and their size on a print changes with the drawing scale. The scales of the True Size item examples are noted. Where noted, use the Feature Definition rather than Element Template to place feature.

Environmental - Landscape

Element Template (Level Name) | ByLevel Weight / byLevel Color | ByLevel Style / Element Type | Example

MediaFilterDrainNew
EV_LS_MediaFilterDrainNew
2 | EV_LS_MediaFilterDrainNew
9 | Linear



USE FEATURE DEFINITION: Linear\Environmental\Landscape\MediaFilterDrainNew

MediaFilterDrainNoDirNew
EV_LS_MediaFilterDrainNoDirNew
2 | EV_LS_MediaFilterDrainNoDirNew
9 | Linear

USE FEATURE DEFINITION: Linear\Environmental\Landscape\MediaFilterDrainNoDirNew

PileBrush
EV_LS_PileBrush
1 | 0
9 | Cell



USE FEATURE DEFINITION: Linear\Environmental\Landscape\PileBrush

PileLog
EV_LS_PileLog
1 | 0
9 | Cell



USE FEATURE DEFINITION: Linear\Environmental\Landscape\PileLog
Scale shown at : 50%

PileRock
EV_LS_PileRock
1 | 0
9 | Cell



USE FEATURE DEFINITION: Linear\Environmental\Landscape\PileRock

PlantFloodplainAreaTy1
EV_LS_PlantFloodplainAreaTy1
1 | 0
39 | Pattern Cell



USE FEATURE DEFINITION: Linear\Environmental\Landscape\PlantFloodplainAreaTy1

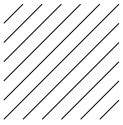
PlantFloodplainAreaTy1New
EV_LS_PlantFloodplainAreaTy1New
0 | 0
0 | Pattern Cell



S5.05 Standard Symbols (cont.)

Examples are shown at the correct size for all drawing scales printed to 11"x17" PS&E sheet, unless otherwise noted. Items flagged with an asterisk (*) are True Size items that always measure the same in ground units and their size on a print changes with the drawing scale. The scales of the True Size item examples are noted. Where noted, use the Feature Definition rather than Element Template to place feature.

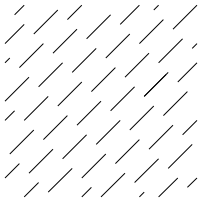
Environmental - Landscape

Element Template (Level Name)	ByLevel Weight | ByLevel Style byLevel Color | Element Type	Example
PlantFloodplainAreaTy2 EV_LS_PlantFloodplainAreaTy2 USE FEATURE DEFINITION: Linear\Environmental\Landscape\PlantFloodplainAreaTy2	1 | 0 71 | Pattern Cell	
PlantFloodplainAreaTy2New EV_LS_PlantFloodplainAreaTy2New USE FEATURE DEFINITION: Linear\Environmental\Landscape\PileRock	0 | 0 0 | Pattern Cell	
PlantingEdgeNew EV_LS_PlantingEdgeNew	0 | 0 13 | Linear	
PlantingEmergent1New EV_LS_PlantingEmergent1New USE FEATURE DEFINITION: Linear\Environmental\Landscape\PlantingEmergent1New	1 | 0 7 | Pattern Cell	
PlantingEmergent2New EV_LS_PlantingEmergent2New USE FEATURE DEFINITION: Linear\Environmental\Landscape\PlantingEmergent2New	1 | 0 7 | Pattern Cell	
PlantingForested EV_LS_PlantingForested USE FEATURE DEFINITION: Linear\Environmental\Landscape\PlantingForested	1 | 0 9 | Pattern Cell	
PlantingMixA EV_LS_PlantingMixA USE FEATURE DEFINITION: Linear\Environmental\Landscape\PlantingMixA	0 | 0 9 | Pattern Cell	

S5.05 Standard Symbols (cont.)

Examples are shown at the correct size for all drawing scales printed to 11"x17" PS&E sheet, unless otherwise noted. Items flagged with an asterisk (*) are True Size items that always measure the same in ground units and their size on a print changes with the drawing scale. The scales of the True Size item examples are noted. Where noted, use the Feature Definition rather than Element Template to place feature.

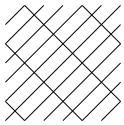
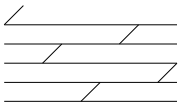
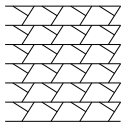
Environmental - Landscape

Element Template (Level Name)	ByLevel Weight | ByLevel Style byLevel Color | Element Type	Example
PlantingMixB EV_LS_PlantingMixB USE FEATURE DEFINITION: Linear\Environmental\Landscape\PlantingMixB	0 | 0 9 | Pattern Cell	
PlantingMixC EV_LS_PlantingMixC USE FEATURE DEFINITION: Linear\Environmental\Landscape\PlantingMixC	0 | 0 9 | Pattern Cell	
PlantingMixD EV_LS_PlantingMixD USE FEATURE DEFINITION: Linear\Environmental\Landscape\PlantingMixD	0 | 0 9 | Pattern Cell	
PlantingMixE EV_LS_PlantingMixE USE FEATURE DEFINITION: Linear\Environmental\Landscape\PlantingMixE	0 | 0 9 | Pattern Cell	
PlantingMixF EV_LS_PlantingMixF USE FEATURE DEFINITION: Linear\Environmental\Landscape\PlantingMixF	0 | 0 9 | Pattern Cell	

S5.05 Standard Symbols (cont.)

Examples are shown at the correct size for all drawing scales printed to 11"x17" PS&E sheet, unless otherwise noted. Items flagged with an asterisk (*) are True Size items that always measure the same in ground units and their size on a print changes with the drawing scale. The scales of the True Size item examples are noted. Where noted, use the Feature Definition rather than Element Template to place feature.

Environmental - Landscape

Element Template (Level Name)	ByLevel Weight | ByLevel Style byLevel Color | Element Type	Example
PlantingMixG EV_LS_PlantingMixG USE FEATURE DEFINITION: Linear\Environmental\Landscape\PlantingMixG	0 | 0 9 | Pattern Cell	
PlantingMixH EV_LS_PlantingMixH USE FEATURE DEFINITION: Linear\Environmental\Landscape\PlantingMixH	0 | 0 9 | Pattern Cell	
PlantingMixI EV_LS_PlantingMixI USE FEATURE DEFINITION: Linear\Environmental\Landscape\PlantingMixI	0 | 0 9 | Pattern Cell	
PlantingMixJ EV_LS_PlantingMixJ USE FEATURE DEFINITION: Linear\Environmental\Landscape\PlantingMixJ	0 | 0 9 | Pattern Cell	
PlantingMixK EV_LS_PlantingMixK USE FEATURE DEFINITION: Linear\Environmental\Landscape\PlantingMixK	0 | 0 9 | Pattern Cell	
PlantingMixL EV_LS_PlantingMixL USE FEATURE DEFINITION: Linear\Environmental\Landscape\PlantingMixL	0 | 0 9 | Pattern Cell	
PlantingStormwaterBuffer EV_LS_PlantingStormwaterBuffer USE FEATURE DEFINITION: Linear\Environmental\Landscape\PlantingStormwaterBuffer	1 | 0 0 | Pattern Cell	

S5.05 Standard Symbols (cont.)

Examples are shown at the correct size for all drawing scales printed to 11"x17" PS&E sheet, unless otherwise noted. Items flagged with an asterisk (*) are True Size items that always measure the same in ground units and their size on a print changes with the drawing scale. The scales of the True Size item examples are noted. Where noted, use the Feature Definition rather than Element Template to place feature.

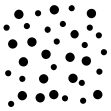
Environmental - Landscape

Element Template (Level Name)	ByLevel Weight | ByLevel Style byLevel Color | Element Type	Example
PlantingStreamBuffer EV_LS_PlantingStreamBuffer USE FEATURE DEFINITION: Linear\Environmental\Landscape\PlantingStreamBuffer	1 | 0 0 | Pattern Cell	
PlantingUpland EV_LS_PlantingUpland USE FEATURE DEFINITION: Linear\Environmental\Landscape\PlantingUpland	1 | 0 9 | Pattern Cell	
PlantingWetlandRestore1 EV_LS_PlantingWetlandRestore1	1 | 0 9 | Pattern Cell	
PlantingWetlandRestore2 EV_LS_PlantingWetlandRestore2	1 | 0 0 | Pattern Cell	
Riparian EV_LS_Riparian USE FEATURE DEFINITION: Linear\Environmental\Landscape\Riparian	1 | 0 9 | Linear	
Seeding EV_LS_Seeding USE FEATURE DEFINITION: Linear\Environmental\Landscape\Seeding	1 | 0 9 | Pattern Cell	
SeedingEmergent EV_LS_SeedingEmergent USE FEATURE DEFINITION: Linear\Environmental\Landscape\SeedingEmergent	1 | 0 9 | Pattern Cell	

S5.05 Standard Symbols (cont.)

Examples are shown at the correct size for all drawing scales printed to 11"x17" PS&E sheet, unless otherwise noted. Items flagged with an asterisk (*) are True Size items that always measure the same in ground units and their size on a print changes with the drawing scale. The scales of the True Size item examples are noted. Where noted, use the Feature Definition rather than Element Template to place feature.

Environmental - Landscape

Element Template (Level Name)	ByLevel Weight | ByLevel Style / byLevel Color | Element Type	Example
SeedingLawn EV_LS_SeedingLawn USE FEATURE DEFINITION: Linear\Environmental\Landscape\SeedingLawn	1 | 0 9 | Pattern Cell	
SeedingMixDryNative EV_LS_SeedingMixDryNative USE FEATURE DEFINITION: Linear\Environmental\Landscape\SeedingMixDryNative	1 | 0 9 | Pattern Cell	
SeedingMixSpecial EV_LS_SeedingMixSpecial USE FEATURE DEFINITION: Linear\Environmental\Landscape\SeedingMixSpecial	1 | 0 9 | Pattern Cell	
SeedingMixWetNative EV_LS_SeedingMixWetNative USE FEATURE DEFINITION: Linear\Environmental\Landscape\SeedingMixWetNative	1 | 0 9 | Pattern Cell	
SeedingWetNative EV_LS_SeedingWetNative	1 | 0 9 | Pattern Cell	
Shrub1New EV_LS_Shrub1New USE FEATURE DEFINITION: Point\Environmental\Landscape\Shrub1New	0 | 0 1 | Pattern Cell	
Shrub2New EV_LS_Shrub2New USE FEATURE DEFINITION: Point\Environmental\Landscape\Shrub2New	0 | 0 1 | Pattern Cell	

S5.05 Standard Symbols (cont.)

Examples are shown at the correct size for all drawing scales printed to 11"x17" PS&E sheet, unless otherwise noted. Items flagged with an asterisk (*) are True Size items that always measure the same in ground units and their size on a print changes with the drawing scale. The scales of the True Size item examples are noted. Where noted, use the Feature Definition rather than Element Template to place feature.

Environmental - Landscape

Element Template (Level Name)	ByLevel Weight | ByLevel Style / byLevel Color | Element Type	Example
ShrubElev1 EV_LS_ShrubElev	1 | 0 23 | Cell	
ShrubElev10 EV_LS_ShrubElev	1 | 0 23 | Cell	
ShrubElev2 EV_LS_ShrubElev	1 | 0 23 | Cell	
ShrubElev3 EV_LS_ShrubElev	1 | 0 23 | Cell	
ShrubElev4 EV_LS_ShrubElev	1 | 0 23 | Cell	
ShrubElev5 EV_LS_ShrubElev	1 | 0 23 | Cell	
ShrubElev6 EV_LS_ShrubElev	1 | 0 23 | Cell	

S5.05 Standard Symbols (cont.)

Examples are shown at the correct size for all drawing scales printed to 11"x17" PS&E sheet, unless otherwise noted. Items flagged with an asterisk (*) are True Size items that always measure the same in ground units and their size on a print changes with the drawing scale. The scales of the True Size item examples are noted. Where noted, use the Feature Definition rather than Element Template to place feature.

Environmental - Landscape

Element Template (Level Name)	ByLevel Weight | ByLevel Style byLevel Color | Element Type	Example
ShrubElev7 EV_LS_ShrubElev	1 | 0 23 | Cell	
ShrubElev8 EV_LS_ShrubElev	1 | 0 23 | Cell	
ShrubElev9 EV_LS_ShrubElev	1 | 0 23 | Cell	
SoddingNew EV_LS_SoddingNew USE FEATURE DEFINITION: Linear\Environmental\Landscape\SoddingNew	2 | 0 9 | Linear	
SodLawn EV_LS_SodLawn USE FEATURE DEFINITION: Linear\Environmental\Landscape\SodLawn	1 | 0 9 | Pattern Cell	
SoilAmendment EV_LS_SoilAmendment USE FEATURE DEFINITION: Linear\Environmental\Landscape\SoilAmendment	0 | 0 9 | Linear	
SoilDecompationArea EV_LS_SoilDecompationArea USE FEATURE DEFINITION: Linear\Environmental\Landscape\SoilDecompationArea	10 | 7 9 | Linear	

S5.05 Standard Symbols (cont.)

Examples are shown at the correct size for all drawing scales printed to 11"x17" PS&E sheet, unless otherwise noted. Items flagged with an asterisk (*) are True Size items that always measure the same in ground units and their size on a print changes with the drawing scale. The scales of the True Size item examples are noted. Where noted, use the Feature Definition rather than Element Template to place feature.

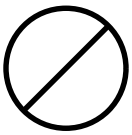
Environmental - Landscape

Element Template (Level Name)	ByLevel Weight | ByLevel Style / byLevel Color | Element Type	Example
Stump EV_LS_Stump USE FEATURE DEFINITION: Point\Environmental\Landscape\Stump	1 | 0 9 | Cell	
TopsoilNew EV_LS_TopsoilNew USE FEATURE DEFINITION: Linear\Environmental\Landscape\TopsoilNew	1 | 0 9 | Pattern Cell	
TransitionalGuidanceNew EV_LS_TransitionalGuidanceNew USE FEATURE DEFINITION: Point\Environmental\Landscape\TransitionalGuidanceNew	0 | 0 4 | Pattern Cell	
Tree EV_LS_Tree	1 | 0 23 | Cell	See the following cell libraries: WSDOT_Environmental.cel WSDOT_Environmental_Elev.cel
TreeDeciduousNew EV_LS_TreeElev	1 | 0 23 | Cell	See the following cell libraries: WSDOT_Environmental.cel WSDOT_Environmental_Elev.cel
TreeElev EV_LS_TreeElev	1 | 0 23 | Cell	See the following cell libraries: WSDOT_Environmental.cel WSDOT_Environmental_Elev.cel
TreeEvergreenNew EV_LS_TreeEvergreenNew	0 | 0 34 | Cell	See the following cell libraries: WSDOT_Environmental.cel WSDOT_Environmental_Elev.cel

S5.05 Standard Symbols (cont.)

Examples are shown at the correct size for all drawing scales printed to 11"x17" PS&E sheet, unless otherwise noted. Items flagged with an asterisk (*) are True Size items that always measure the same in ground units and their size on a print changes with the drawing scale. The scales of the True Size item examples are noted. Where noted, use the Feature Definition rather than Element Template to place feature.

Environmental - Landscape

Element Template (Level Name)	ByLevel Weight | ByLevel Style byLevel Color | Element Type	Example
TreeToBeRemoved EV_LS_TreeToBeRemoved USE FEATURE DEFINITION: Point\Environmental\Landscape\TreeToBeRemoved	3 | 0 9 | Cell	
TurfNew EV_LS_TurfNew USE FEATURE DEFINITION: Linear\Environmental\Landscape\TurfNew	0 | 0 4 | Pattern Cell	
VegetativeFilterStripNew EV_LS_VegetativeFilterStripNew USE FEATURE DEFINITION: Linear\Environmental\Erosion Control\VegetativeFilterStripNew	2 | 0 9 | Linear	
WeedControlArea EV_LS_WeedControlArea USE FEATURE DEFINITION: Linear\Environmental\Landscape\WeedControlArea	10 | 3 41 | Linear	

S5.05 Standard Symbols (cont.)

Examples are shown at the correct size for all drawing scales printed to 11"x17" PS&E sheet, unless otherwise noted. Items flagged with an asterisk (*) are True Size items that always measure the same in ground units and their size on a print changes with the drawing scale. The scales of the True Size item examples are noted. Where noted, use the Feature Definition rather than Element Template to place feature.

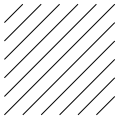
Environmental - Permits

Element Template (Level Name)	ByLevel Weight | ByLevel Style byLevel Color | Element Type	Example
AreaPotentialEffectLT EV_EP_AreaPotentialEffectLT	0 | EV_EP_AreaPotentialEffectLT 7 | Linear	
AreaPotentialEffectRT EV_EP_AreaPotentialEffectRT	0 | EV_EP_AreaPotentialEffectRT 7 | Linear	
BufferEnhancement EV_EP_BufferEnhancement USE FEATURE DEFINITION: Linear\Environmental\Environmental Permits\BufferEnhancement	1 | 0 91 | Linear	
BufferImpactPerm EV_EP_BufferImpactPerm	2 | 0 6 | Linear	
BufferImpactTemp EV_EP_BufferImpactTemp	1 | 0 45 | Linear	
BufferPreservation EV_EP_BufferPreservation USE FEATURE DEFINITION: Linear\Environmental\Environmental Permits\BufferPreservation	1 | 0 90 | Linear	
BufferRestoration EV_EP_BufferRestoration USE FEATURE DEFINITION: Linear\Environmental\Environmental Permits\BufferRestoration	1 | 0 94 | Pattern Cell	

S5.05 Standard Symbols (cont.)

Examples are shown at the correct size for all drawing scales printed to 11"x17" PS&E sheet, unless otherwise noted. Items flagged with an asterisk (*) are True Size items that always measure the same in ground units and their size on a print changes with the drawing scale. The scales of the True Size item examples are noted. Where noted, use the Feature Definition rather than Element Template to place feature.

Environmental - Permits

Element Template (Level Name)	ByLevel Weight | ByLevel Style byLevel Color | Element Type	Example
ConvBufferToStream EV_EP_ConvBufferToStream USE FEATURE DEFINITION: Linear\Environmental\Environmental Permits\ConvBufferToStream	0 | 0 12 | Pattern Cell	
ConvBufferToWetland EV_EP_ConvBufferToWetland	1 | 0 17 | Linear	
ConvStreamToBuffer EV_EP_ConvStreamToBuffer USE FEATURE DEFINITION: Linear\Environmental\Environmental Permits\ConvStreamToBuffer	0 | 0 12 | Pattern Cell	
ConvStreamToStreamBuffer EV_EP_ConvStreamToStreamBuffer	2 | 0 28 | Linear	
ConvStreamToWetland EV_EP_ConvStreamToWetland	1 | 0 17 | Linear	
ConvWetlandToBuffer EV_EP_ConvWetlandToBuffer	0 | 0 14 | Linear	
ConvWetlandToStream EV_EP_ConvWetlandToStream USE FEATURE DEFINITION: Linear\Environmental\Environmental Permits\ConvWetlandToStream	2 | 0 28 | Pattern Cell	

S5.05 Standard Symbols (cont.)

Examples are shown at the correct size for all drawing scales printed to 11"x17" PS&E sheet, unless otherwise noted. Items flagged with an asterisk (*) are True Size items that always measure the same in ground units and their size on a print changes with the drawing scale. The scales of the True Size item examples are noted. Where noted, use the Feature Definition rather than Element Template to place feature.

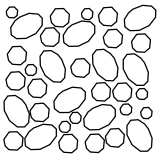
Environmental - Permits

Element Template (Level Name)	ByLevel Weight | ByLevel Style byLevel Color | Element Type	Example
ImperviousArea EV_EP_ImperviousArea USE FEATURE DEFINITION: Linear\Environmental\Environmental Permits\ImperviousArea	2 | 0 3 | Linear	
MudflatsImpactPerm EV_EP_MudflatsImpactPerm USE FEATURE DEFINITION: Linear\Environmental\Environmental Permits\MudflatsImpactPerm	2 | 0 13 | Pattern Cell	
MudflatsImpactTemp EV_EP_MudflatsImpactTemp USE FEATURE DEFINITION: Linear\Environmental\Environmental Permits\MudflatsImpactTemp	1 | 0 14 | Pattern Cell	
PerviousArea EV_EP_PerviousArea USE FEATURE DEFINITION: Linear\Environmental\Environmental Permits\PerviousArea	2 | 0 19 | Linear	
RifflePoolImpactPerm EV_EP_RifflePoolImpactPerm USE FEATURE DEFINITION: Linear\Environmental\Environmental Permits\RifflePoolImpactPerm	2 | 0 5 | Pattern Cell	
RifflePoolImpactTemp EV_EP_RifflePoolImpactTemp USE FEATURE DEFINITION: Linear\Environmental\Environmental Permits\RifflePoolImpactTemp	0 | 0 8 | Pattern Cell	
RoadwayReclamation EV_EP_RoadwayReclamation USE FEATURE DEFINITION: Linear\Environmental\Environmental Permits\RoadwayReclamation	1 | 4 93 | Linear	

S5.05 Standard Symbols (cont.)

Examples are shown at the correct size for all drawing scales printed to 11"x17" PS&E sheet, unless otherwise noted. Items flagged with an asterisk (*) are True Size items that always measure the same in ground units and their size on a print changes with the drawing scale. The scales of the True Size item examples are noted. Where noted, use the Feature Definition rather than Element Template to place feature.

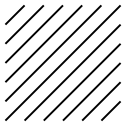
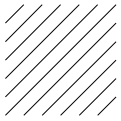
Environmental - Permits

Element Template (Level Name)	ByLevel Weight | ByLevel Style byLevel Color | Element Type	Example
RockClassB EV_EP_RockClassB USE FEATURE DEFINITION: Linear\Environmental\Environmental Permits\RockClassB	1 | 0 15 | Pattern Cell	
RockQuarrySpalls EV_EP_RockQuarrySpalls USE FEATURE DEFINITION: Linear\Environmental\Environmental Permits\RockQuarrySpalls	0 | 0 79 | Cell	
RockStreambedMaterial EV_EP_RockStreambedMaterial	1 | 0 5 | Pattern Cell	
StreamImpactPerm EV_EP_StreamImpactPerm USE FEATURE DEFINITION: Linear\Environmental\Environmental Permits\StreamImpactPerm	2 | 0 1 | Pattern Cell	
StreamImpactTemp EV_EP_StreamImpactTemp USE FEATURE DEFINITION: Linear\Environmental\Environmental Permits\StreamImpactTemp	1 | 0 17 | Pattern Cell	
StreamRestoration EV_EP_StreamRestoration USE FEATURE DEFINITION: Linear\Environmental\Environmental Permits\StreamRestoration	1 | 0 92 | Pattern Cell	
WetlandEnhancement EV_EP_WetlandEnhancement	0 | 0 0 | Linear	

S5.05 Standard Symbols (cont.)

Examples are shown at the correct size for all drawing scales printed to 11"x17" PS&E sheet, unless otherwise noted. Items flagged with an asterisk (*) are True Size items that always measure the same in ground units and their size on a print changes with the drawing scale. The scales of the True Size item examples are noted. Where noted, use the Feature Definition rather than Element Template to place feature.

Environmental - Permits

Element Template (Level Name)	ByLevel Weight | ByLevel Style byLevel Color | Element Type	Example
WetlandEstabishment EV_EP_WetlandEstablishment	0 | 0 0 | Linear	
WetlandImpactIndirect EV_EP_WetlandImpactIndirect	0 | 0 0 | Linear	
WetlandImpactLongTerm EV_EP_WetlandImpactLongTerm USE FEATURE DEFINITION: Linear\Environmental\Environmental Permits\WetlandImpactLongTerm	2 | 0 3 | Pattern Cell	
WetlandImpactPerm EV_EP_WetlandImpactPerm USE FEATURE DEFINITION: Linear\Environmental\Environmental Permits\WetlandImpactPerm	2 | 0 3 | Pattern Cell	
WetlandImpactShading EV_EP_WetlandImpactShading	0 | 0 0 | Pattern Cell	
WetlandImpactShortTerm EV_EP_WetlandImpactShortTerm USE FEATURE DEFINITION: Linear\Environmental\Environmental Permits\WetlandImpactShortTerm	1 | 0 19 | Pattern Cell	
WetlandPreservation EV_EP_WetlandPreservation	0 | 0 0 | Pattern Cell	

S5.05 Standard Symbols (cont.)

Examples are shown at the correct size for all drawing scales printed to 11"x17" PS&E sheet, unless otherwise noted. Items flagged with an asterisk (*) are True Size items that always measure the same in ground units and their size on a print changes with the drawing scale. The scales of the True Size item examples are noted. Where noted, use the Feature Definition rather than Element Template to place feature.

Environmental - Permits

Element Template (Level Name)	ByLevel Weight | ByLevel Style byLevel Color | Element Type	Example
WetlandReestablishment EV_EP_WetlandReestablishment	1 | 0 85 | Linear	
WetlandRestoration EV_EP_WetlandRestoration USE FEATURE DEFINITION: Linear\Environmental\Environmental Permits\WetlandRestoration	0 | 0 25 | Pattern Cell	

S5.05 Standard Symbols (cont.)

Examples are shown at the correct size for all drawing scales printed to 11"x17" PS&E sheet, unless otherwise noted. Items flagged with an asterisk (*) are True Size items that always measure the same in ground units and their size on a print changes with the drawing scale. The scales of the True Size item examples are noted. Where noted, use the Feature Definition rather than Element Template to place feature.

Environmental - River Hydraulics

Element Template (Level Name) | ByLevel Weight / ByLevel Style / byLevel Color / Element Type | Example

Anchor
EV_RH_Anchor
0 | 0 / 151 | Cell



USE FEATURE DEFINITION: Point\Environmental\River Hydraulics\Anchor

Boulder
EV_RH_Boulder
0 | 0 / 151 | Cell



USE FEATURE DEFINITION: Linear\Environmental\Landscape\Boulder

BoulderAnchorNew
EV_RH_BoulderAnchorNew
1 | EV_HY_BoulderAnchorNew / 137 | Linear



USE FEATURE DEFINITION: Linear\Environmental\River Hydraulics\BoulderAnchorNew

BoulderNew
EV_RH_BoulderNew
0 | 0 / 137 | Cell



USE FEATURE DEFINITION: Point\Environmental\River Hydraulics\BoulderNew

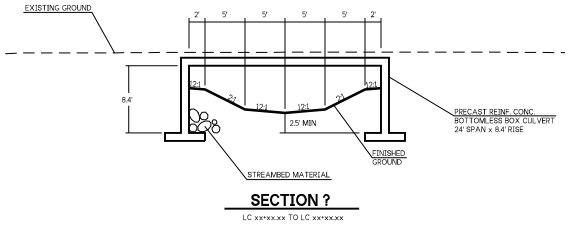
ChannelSlopeBreak
EV_RH_ChannelSlopeBreak
1 | 2 / 151 | Linear

USE FEATURE DEFINITION: Linear\Environmental\River Hydraulics\ChannelSlopeBreak

ChannelSlopeBreakNew
EV_RH_ChannelSlopeBreakNew
3 | 0 / 137 | Linear

USE FEATURE DEFINITION: Linear\Environmental\River Hydraulics\ChannelSlopeBreakNew

CulvertBottomless *
SH_DT_RH_CulvertBottomless
0 | 0 / 0 | Cell



Scale shown at : 200:1

S5.05 Standard Symbols (cont.)

Examples are shown at the correct size for all drawing scales printed to 11"x17" PS&E sheet, unless otherwise noted. Items flagged with an asterisk (*) are True Size items that always measure the same in ground units and their size on a print changes with the drawing scale. The scales of the True Size item examples are noted. Where noted, use the Feature Definition rather than Element Template to place feature.

Environmental – River Hydraulics

Element Template (Level Name)	ByLevel Weight | ByLevel Style byLevel Color | Element Type	Example

Log *
EV_RH_Log

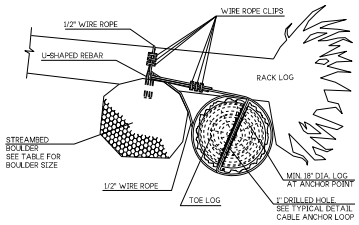
1 | 2
151 | Cell

USE FEATURE DEFINITION: Linear\Environmental\Landscape\Log
Scale shown at : 8.33333333333333E-02:1

LogAnchorToeLog *
SH_DT_RH_LogAnchorToeLog

0 | 0
0 | Cell

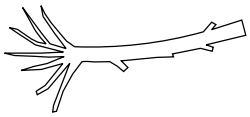
Scale shown at : 200:1



LogNew
EV_RH_LogNew

3 | 0
137 | Cell

USE FEATURE DEFINITION: Point\Environmental\River Hydraulics\LogNew



RockErosionScourProtNew
EV_RH_RockErosionScourProtNew

0 | 0
137 | Pattern Cell

USE FEATURE DEFINITION: Linear\Environmental\River Hydraulics\RockErosionScourProtNew



RockMaterialNew
EV_RH_RockMaterialNew

0 | 0
137 | Pattern Cell

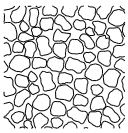
USE FEATURE DEFINITION: Linear\Environmental\River Hydraulics\RockMaterialNew



RockQuarrySpallsNew
EV_RH_RockQuarrySpallsNew

0 | 0
137 | Pattern Cell

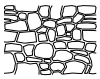
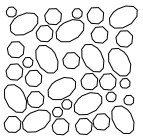
USE FEATURE DEFINITION: Linear\Environmental\River Hydraulics\RockQuarrySpallsNew



S5.05 Standard Symbols (cont.)

Examples are shown at the correct size for all drawing scales printed to 11"x17" PS&E sheet, unless otherwise noted. Items flagged with an asterisk (*) are True Size items that always measure the same in ground units and their size on a print changes with the drawing scale. The scales of the True Size item examples are noted. Where noted, use the Feature Definition rather than Element Template to place feature.

Environmental - River Hydraulics

Element Template (Level Name)	ByLevel Weight | ByLevel Style byLevel Color | Element Type	Example
RockRipRapNew EV_RH_RockRipRapNew USE FEATURE DEFINITION: Linear\Environmental\River Hydraulics\RockRipRapNew	0 | 0 137 | Pattern Cell	
RockStreambedMaterialNew EV_RH_RockStreambedMaterialNew USE FEATURE DEFINITION: Linear\Environmental\River Hydraulics\RockStreambedMaterialNew	0 | 0 137 | Pattern Cell	
SlopeNew EV_RH_SlopeNew USE FEATURE DEFINITION: Linear\Environmental\River Hydraulics\SlopeNew	1 | EV_HY_SlopeNew 137 | Linear	
StreamSlopeBreak EV_RH_StreamSlopeBreak USE FEATURE DEFINITION: Linear\Environmental\River Hydraulics\StreamSlopeBreak	1 | 2 151 | Linear	
StreamSlopeBreakNew EV_RH_StreamSlopeBreakNew USE FEATURE DEFINITION: Linear\Environmental\River Hydraulics\StreamSlopeBreakNew	3 | 0 137 | Linear	

S5.05 Standard Symbols (cont.)

Examples are shown at the correct size for all drawing scales printed to 11"x17" PS&E sheet, unless otherwise noted. Items flagged with an asterisk (*) are True Size items that always measure the same in ground units and their size on a print changes with the drawing scale. The scales of the True Size item examples are noted. Where noted, use the Feature Definition rather than Element Template to place feature.

Environmental - Text

Element Template (Level Name)	ByLevel Weight | ByLevel Style byLevel Color | Element Type	Example
AreaMeasurements EV_LS_AreaMeasurements Text Style: 07-Bold Text Font: WSDOT CAE Text Size: 0.005833	0 | 0 41 | Text	**AREA MEASUREMENTS**
EnviroPermitText EV_EP_EnviroPermitText Text Style: 07-Ital Text Font: WSDOT CAE Text Size: 0.005833	0 | 0 0 | Text	*ENVIRONMENTAL PERMIT*
EnviroPermitTextNew EV_EP_EnviroPermitTextNew Text Style: 07-Bold Text Font: WSDOT CAE Text Size: 0.005833	0 | 0 0 | Text	**ENVIRONMENTAL PERMIT**
ErosionControlText EV_EC_ErosionControlText Text Style: 07-Ital Text Font: WSDOT CAE Text Size: 0.005833	0 | 0 23 | Text	*EROSION*
ErosionControlTextNew EV_EC_ErosionControlTextNew Text Style: 07-Bold Text Font: WSDOT CAE Text Size: 0.005833	0 | 0 9 | Text	**EROSION**
HydraulicsText EV_RH_HydraulicsText Text Style: 07-Ital Text Font: WSDOT CAE Text Size: 0.005833	0 | 0 151 | Text	*HYDRAULICS*
HydraulicsTextNew EV_RH_HydraulicsTextNew Text Style: 07-Bold Text Font: WSDOT CAE Text Size: 0.005833	0 | 0 137 | Text	**HYDRAULICS**

S5.05 Standard Symbols (cont.)

Examples are shown at the correct size for all drawing scales printed to 11"x17" PS&E sheet, unless otherwise noted. Items flagged with an asterisk (*) are True Size items that always measure the same in ground units and their size on a print changes with the drawing scale. The scales of the True Size item examples are noted. Where noted, use the Feature Definition rather than Element Template to place feature.

Environmental - Text

Element Template (Level Name)	ByLevel Weight | ByLevel Style byLevel Color | Element Type	Example
IrrigText EV_IR_IrrigText Text Style: 07-Ital Text Font: WSDOT CAE Text Size: 0.005833	0 | 0 23 | Text	*SPRINKLER*
IrrigTextNew EV_IR_IrrigTextNew Text Style: 07-Bold Text Font: WSDOT CAE Text Size: 0.005833	0 | 0 9 | Text	**SPRINKLER**
LandscapeText EV_LS_LandscapeText Text Style: 07-Ital Text Font: WSDOT CAE Text Size: 0.005833	0 | 0 55 | Text	*LANDSCAPE*
LandscapeTextNew EV_LS_LandscapeTextNew Text Style: 07-Bold Text Font: WSDOT CAE Text Size: 0.005833	0 | 0 41 | Text	**LANDSCAPE**
LineSizeText EV_IR_LineSizeText Text Style: 07-Bold Text Font: WSDOT CAE Text Size: 0.005833	0 | 0 9 | Text	**1 INCH**
SlopeTextNew EV_RH_SlopeTextNew Text Style: 07-Bold Text Font: WSDOT CAE Text Size: 0.005833	0 | 0 137 | Text	**DYNAMIC MESSAGE SIGN**
WaterSurfaceElevationText EV_RH_WaterSurfaceElevationText Text Style: 07-Ital Text Font: WSDOT CAE Text Size: 0.005833	0 | 0 151 | Text	*RIVER HYDRAULICS*

S5.05 Standard Symbols (cont.)

Examples are shown at the correct size for all drawing scales printed to 11"x17" PS&E sheet, unless otherwise noted. Items flagged with an asterisk (*) are True Size items that always measure the same in ground units and their size on a print changes with the drawing scale. The scales of the True Size item examples are noted. Where noted, use the Feature Definition rather than Element Template to place feature.

Environmental - Text

Element Template (Level Name)	ByLevel Weight | ByLevel Style byLevel Color | Element Type	Example
WetlandsText EV_WE_WetlandsText Text Style: 07-Ital Text Font: WSDOT CAE Text Size: 0.005833	0 | 0 23 | Text	*WETLANDS*
WetlandsTextNew EV_WE_WetlandsTextNew Text Style: 07-Bold Text Font: WSDOT CAE Text Size: 0.005833	0 | 0 41 | Text	**WETLANDS**

S5.05 Standard Symbols (cont.)

Examples are shown at the correct size for all drawing scales printed to 11"x17" PS&E sheet, unless otherwise noted. Items flagged with an asterisk (*) are True Size items that always measure the same in ground units and their size on a print changes with the drawing scale. The scales of the True Size item examples are noted. Where noted, use the Feature Definition rather than Element Template to place feature.

Environmental - Wetlands

Element Template (Level Name)	ByLevel Weight | ByLevel Style byLevel Color | Element Type	Example
100YearFlood EV_WE_100YearFlood USE FEATURE DEFINITION: Linear\Environmental\Wetlands\100YearFlood	2 | EV_WE_100YearFlood 87 | Linear	100 YR
10YearFlood EV_WE_10YearFlood USE FEATURE DEFINITION: Linear\Environmental\Wetlands\10YearFlood	2 | EV_WL_010YearFlood 87 | Linear	10 YR
25YearFlood EV_WE_25YearFlood USE FEATURE DEFINITION: Linear\Environmental\Wetlands\25YearFlood	2 | EV_WE_025YearFlood 87 | Linear	25 YR
2YearFlood EV_WE_02YearFlood USE FEATURE DEFINITION: Linear\Environmental\Wetlands\2YearFlood	2 | EV_WE_002YearFlood 87 | Linear	2 YR
500YearFlood EV_WE_500YearFlood USE FEATURE DEFINITION: Linear\Environmental\Wetlands\500YearFlood	2 | EV_WE_500YearFlood 23 | Linear	500 YR
50YearFlood EV_WE_50YearFlood USE FEATURE DEFINITION: Linear\Environmental\Wetlands\50YearFlood	2 | EV_WE_050YearFlood 23 | Linear	50 YR
5YearFlood EV_WE_05YearFlood USE FEATURE DEFINITION: Linear\Environmental\Wetlands\5YearFlood	2 | EV_WE_005YearFlood 87 | Linear	5 YR

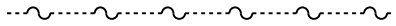
S5.05 Standard Symbols (cont.)

Examples are shown at the correct size for all drawing scales printed to 11"x17" PS&E sheet, unless otherwise noted. Items flagged with an asterisk (*) are True Size items that always measure the same in ground units and their size on a print changes with the drawing scale. The scales of the True Size item examples are noted. Where noted, use the Feature Definition rather than Element Template to place feature.

Environmental - Wetlands

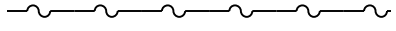
Element Template (Level Name) | ByLevel Weight / byLevel Color | ByLevel Style / Element Type | Example

BiofiltrationSwale
EV_WE_BiofiltrationSwale
2 / 55 | EV_WE_BiofiltrationSwale / Linear



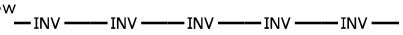
USE FEATURE DEFINITION: Linear\Environmental\Wetlands\BiofiltrationSwale

BiofiltrationSwaleNew
EV_WE_BiofiltrationSwaleNew
2 / 41 | EV_WE_BiofiltrationSwaleNew / Linear



USE FEATURE DEFINITION: Linear\Environmental\Wetlands\BiofiltrationSwaleNew

BndryWetlandInventoryNew
EV_WE_BndryWetlandInventoryNew
3 / 41 | EV_WE_BndryWetlandInventoryNew / Linear



USE FEATURE DEFINITION: Linear\Environmental\Wetlands\BndryWetlandInventoryNew

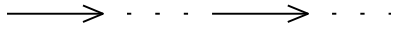
Buffer
EV_WE_Buffer
2 / 87 | EV_WE_Buffer / Linear

BufferNew
EV_WE_BufferNew
2 / 41 | EV_WE_Buffer / Linear

ChannelEdgeNew
EV_WE_ChannelEdgeNew
2 / 105 | 3 / Linear

USE FEATURE DEFINITION: Linear\Environmental\Wetlands\ChannelEdgeNew

DitchLineJurisdictional
EV_WE_DitchLineJurisdictional
2 / 0 | EV_WE_DitchLineJurisdictional / Linear



S5.05 Standard Symbols (cont.)

Examples are shown at the correct size for all drawing scales printed to 11"x17" PS&E sheet, unless otherwise noted. Items flagged with an asterisk (*) are True Size items that always measure the same in ground units and their size on a print changes with the drawing scale. The scales of the True Size item examples are noted. Where noted, use the Feature Definition rather than Element Template to place feature.

Environmental - Wetlands

Element Template (Level Name)	ByLevel Weight | ByLevel Style byLevel Color | Element Type	Example
DitchLineNonJurisdictional EV_WE_DitchLineNonJurisdictional	2 | 0 0 | Linear	
Emergent EV_WE_Emergent	2 | 3 119 | Linear	
EmergentNew EV_WE_EmergentNew	2 | 0 105 | Linear	
EstITidalHiSaltMarsh EV_WE_EstITidalHiSaltMarsh	2 | EV_WE_EstITidalHiSaltMarsh 87 | Linear	*THSM*
EstITidalHiSaltMarshNew EV_WE_EstITidalHiSaltMarshNew	2 | EV_WE_EstITidalHiSaltMarshNew 73 | Linear	THSM
EstSTidalLoSaltMarsh EV_WE_EstSTidalLoSaltMarsh	2 | EV_WE_EstSTidalLoSaltMarsh 87 | Linear	*TLSM*
EstSTidalLoSaltMarshNew EV_WE_EstSTidalLoSaltMarshNew	2 | EV_WE_EstSTidalLoSaltMarshNew 73 | Linear	TLSM

S5.05 Standard Symbols (cont.)

Examples are shown at the correct size for all drawing scales printed to 11"x17" PS&E sheet, unless otherwise noted. Items flagged with an asterisk (*) are True Size items that always measure the same in ground units and their size on a print changes with the drawing scale. The scales of the True Size item examples are noted. Where noted, use the Feature Definition rather than Element Template to place feature.

Environmental - Wetlands

Element Template (Level Name)	ByLevel Weight | ByLevel Style byLevel Color | Element Type	Example
Forested EV_WE_Forested USE FEATURE DEFINITION: Linear\Environmental\Wetlands\Forested	2 | 3 119 | Linear	
ForestedNew EV_WE_ForestedNew USE FEATURE DEFINITION: Linear\Environmental\Wetlands\ForestedNew	2 | 0 105 | Linear	
HighTideLineFlag EV_WE_HighTideLineFlag	0 | 0 55 | Linear	
IndirectWetlandImpact EV_WE_IndirectWetlandImpact USE FEATURE DEFINITION: Linear\Environmental\Wetlands\IndirectWetlandImpact	0 | 0 0 | Cell	
OpenFreshPond EV_WE_OpenFreshPond USE FEATURE DEFINITION: Linear\Environmental\Wetlands\OpenFreshPond	2 | 3 119 | Linear	
OpenFreshPondNew EV_WE_OpenFreshPondNew USE FEATURE DEFINITION: Linear\Environmental\Wetlands\OpenFreshPondNew	2 | 0 105 | Linear	
ScrubShrub EV_WE_ScrubShrub USE FEATURE DEFINITION: Linear\Environmental\Wetlands\ScrubShrub	2 | 3 119 | Linear	

S5.05 Standard Symbols (cont.)

Examples are shown at the correct size for all drawing scales printed to 11"x17" PS&E sheet, unless otherwise noted. Items flagged with an asterisk (*) are True Size items that always measure the same in ground units and their size on a print changes with the drawing scale. The scales of the True Size item examples are noted. Where noted, use the Feature Definition rather than Element Template to place feature.

Environmental - Wetlands

Element Template (Level Name)	ByLevel Weight | ByLevel Style / byLevel Color | Element Type	Example
ScrubShrubForested EV_WE_ScrubShrubForestedNew USE FEATURE DEFINITION: Linear\Environmental\Wetlands\ScrubShrubForested	2 | 0 9 | Linear	
ScrubShrubForestedNew EV_WE_ScrubShrubForestedNew USE FEATURE DEFINITION: Linear\Environmental\Wetlands\ScrubShrubForestedNew	2 | 0 9 | Linear	
ScrubShrubNew EV_WE_ScrubShrubNew USE FEATURE DEFINITION: Linear\Environmental\Wetlands\ScrubShrubNew	2 | 0 105 | Linear	
SeedingAndPlantingPerm EV_WE_SeedingAndPlantingPerm USE FEATURE DEFINITION: Linear\Environmental\Wetlands\SeedingAndPlantingPerm	2 | 0 105 | Linear	
SoilPit EV_WE_SoilPit USE FEATURE DEFINITION: Linear\Environmental\Wetlands\SoilPit	0 | 0 0 | Cell	
StormwaterTrtmnt EV_WE_StormwaterTrtmnt USE FEATURE DEFINITION: Linear\Environmental\Wetlands\StormWaterTrtmnt	2 | 3 55 | Linear	
StormwaterTrtmntNew EV_WE_StormwaterTrtmntNew USE FEATURE DEFINITION: Linear\Environmental\Wetlands\StormWaterTrtmntNew	2 | 0 41 | Linear	

S5.05 Standard Symbols (cont.)

Examples are shown at the correct size for all drawing scales printed to 11"x17" PS&E sheet, unless otherwise noted. Items flagged with an asterisk (*) are True Size items that always measure the same in ground units and their size on a print changes with the drawing scale. The scales of the True Size item examples are noted. Where noted, use the Feature Definition rather than Element Template to place feature.

Environmental - Wetlands

Element Template (Level Name)	ByLevel Weight | ByLevel Style byLevel Color | Element Type	Example
StreamImpactTemp EV_WE_StreamImpactTemp USE FEATURE DEFINITION: Linear\Environmental\Environmental Permits\StreamImpactTemp	1 | 0 17 | Linear	
StreamRestoration EV_WE_StreamRestoration USE FEATURE DEFINITION: Linear\Environmental\Environmental Permits\StreamRestoration	1 | 0 92 | Linear	
TempStreamBufferImpact EV_WE_TempStreamBufferImpact	1 | 0 0 | Linear	
WaterEdgeRiver EV_WE_WaterEdgeRiver	2 | 3 119 | Linear	
WaterEdgeRiverNew EV_WE_WaterEdgeRiverNew	2 | 3 105 | Linear	
WaterEdgeStream EV_WE_WaterEdgeStream	2 | 3 119 | Linear	
WaterEdgeStreamNew EV_WE_WaterEdgeStreamNew	2 | 3 105 | Linear	

S5.05 Standard Symbols (cont.)

Examples are shown at the correct size for all drawing scales printed to 11"x17" PS&E sheet, unless otherwise noted. Items flagged with an asterisk (*) are True Size items that always measure the same in ground units and their size on a print changes with the drawing scale. The scales of the True Size item examples are noted. Where noted, use the Feature Definition rather than Element Template to place feature.

Environmental - Wetlands

Element Template (Level Name)	ByLevel Weight | ByLevel Style / byLevel Color | Element Type	Example
WaterLineHighTide EV_WE_WaterLineHighTide	0 | EV_WE_WaterLineHighTide 23 | Linear	
WaterLineHighTideNew EV_WE_WaterLineHighTideNew	2 | EV_WE_WaterLineHighTide 23 | Linear	
WaterLineMeanHigh EV_WE_WaterLineMeanHigh USE FEATURE DEFINITION: Linear\Environmental\Wetlands\WaterLineMeanHigh	0 | EV_WE_WaterLineMeanHigh 23 | Linear	
WaterLineMeanHigherHigh EV_WE_WaterLineMeanHigherHigh USE FEATURE DEFINITION: Linear\Environmental\Wetlands\WaterLineMeanHigherHigh	0 | EV_WE_WaterLineMeanHigherHigh 23 | Linear	
WaterLineMeanHigherHighNew EV_WE_WaterLineMeanHigherHighNew	2 | EV_WE_WaterLineMeanHigherHigh 23 | Linear	
WaterLineMeanHighNew EV_WE_WaterLineMeanHighNew	2 | EV_WE_WaterLineMeanHigh 23 | Linear	
WaterLineMeanLow EV_WE_WaterLineMeanLow USE FEATURE DEFINITION: Linear\Environmental\Wetlands\WaterLineMeanLow	0 | EV_WE_WaterLineMeanLow 23 | Linear	

S5.05 Standard Symbols (cont.)

Examples are shown at the correct size for all drawing scales printed to 11"x17" PS&E sheet, unless otherwise noted. Items flagged with an asterisk (*) are True Size items that always measure the same in ground units and their size on a print changes with the drawing scale. The scales of the True Size item examples are noted. Where noted, use the Feature Definition rather than Element Template to place feature.

Environmental - Wetlands

Element Template (Level Name) | ByLevel Weight / byLevel Color | ByLevel Style / Element Type | Example

WaterLineMeanLowerLow
EV_WE_WaterLineMeanLowerLow
USE FEATURE DEFINITION: Linear\Environmental\Wetlands\WaterLineMeanLowerLow

0 | EV_WE_WaterLineMeanLowerLow
23 | Linear

WaterLineMeanLowerLowNew
EV_WE_WaterLineMeanLowerLowNew

2 | EV_WE_WaterLineMeanLowerLow
23 | Linear

WaterLineMeanLowNew
EV_WE_WaterLineMeanLowNew

2 | EV_WE_WaterLineMeanLow
23 | Linear

WaterLineNrmHighMaxLkLvl
EV_WE_WaterLineNrmHighMaxLkLvl
USE FEATURE DEFINITION: Linear\Environmental\Wetlands\WaterLineNrmHighMaxLkLvl

2 | 0
23 | Linear

WaterLineOrdinaryHigh
EV_WE_WaterLineOrdinaryHigh
USE FEATURE DEFINITION: Linear\Environmental\Wetlands\WaterLineOrdinaryHigh

0 | EV_WE_WaterLineOrdinaryHigh
0 | Linear

WaterLineOrdinaryHighFlag
EV_WE_WaterLineOrdinaryHighFlag
USE FEATURE DEFINITION: Point\Environmental\Wetlands\WaterLineOrdinaryHighFlag

0 | 0
55 | Cell



WaterLineOrdinaryHighNew
EV_WE_WaterLineOrdinaryHighNew

2 | EV_WE_WaterLineOrdinaryHigh
0 | Linear

S5.05 Standard Symbols (cont.)

Examples are shown at the correct size for all drawing scales printed to 11"x17" PS&E sheet, unless otherwise noted. Items flagged with an asterisk (*) are True Size items that always measure the same in ground units and their size on a print changes with the drawing scale. The scales of the True Size item examples are noted. Where noted, use the Feature Definition rather than Element Template to place feature.

Environmental - Wetlands

Element Template (Level Name)	ByLevel Weight | ByLevel Style byLevel Color | Element Type	Example
WetlandBndry EV_WE_WetlandBndry	2 | EV_WE_WetlandBndry 55 | Linear	WB
WetlandBndryNew EV_WE_WetlandBndryNew	3 | EV_WE_WetlandBndryNew 41 | Linear	WB
WetlandConstructedNew EV_WE_WetlandConstructedNew	0 | 0 41 | Linear	
WetlandFlag EV_WE_WetlandFlag USE FEATURE DEFINITION: Point\Environmental\Wetlands\WetlandFlag	0 | 0 55 | Cell	??
WetlandMitigationBuffer EV_WE_WetlandMitigationBuffer USE FEATURE DEFINITION: Linear\Environmental\Wetlands\WetlandMitigationBuffer	0 | EV_WE_WetlandMitigationBuffer 41 | Linear	
WetlandMitigationBuffNew EV_WE_WetlandMitigationBuffNew USE FEATURE DEFINITION: Linear\Environmental\Wetlands\WetlandMitigationBuffNew	2 | 0 9 | Linear	
WetlandSampleFlag EV_WE_WetlandSampleFlag USE FEATURE DEFINITION: Point\Environmental\Wetlands\WetlandSampleFlag	0 | 0 55 | Cell	??

S5.05 Standard Symbols (cont.)

Examples are shown at the correct size for all drawing scales printed to 11"x17" PS&E sheet, unless otherwise noted. Items flagged with an asterisk (*) are True Size items that always measure the same in ground units and their size on a print changes with the drawing scale. The scales of the True Size item examples are noted. Where noted, use the Feature Definition rather than Element Template to place feature.

Environmental - Wetlands

Element Template (Level Name)	ByLevel Weight | ByLevel Style byLevel Color | Element Type	Example
WetlandSymb EV_WE_WetlandSymb USE FEATURE DEFINITION: Point\Environmental\Wetlands\WetlandSymb	0 | 0 2 | Cell	
WetlandSymbNew EV_WE_WetlandSymbNew	0 | 0 73 | Cell	

S5.05 Standard Symbols (cont.)

Examples are shown at the correct size for all drawing scales printed to 11"x17" PS&E sheet, unless otherwise noted. Items flagged with an asterisk (*) are True Size items that always measure the same in ground units and their size on a print changes with the drawing scale. The scales of the True Size item examples are noted. Where noted, use the Feature Definition rather than Element Template to place feature.

Imagery - Raster Images

Element Template (Level Name)	ByLevel Weight | ByLevel Style byLevel Color | Element Type	Example
RasterLevel1 IM_RI_RasterLevel1	0 | 0 0 | Linear	
RasterLevel2 IM_RI_RasterLevel2	0 | 0 0 | Linear	
RasterLevel3 IM_RI_RasterLevel3	0 | 0 0 | Linear	
RasterLevel4 IM_RI_RasterLevel4	0 | 0 0 | Linear	
RasterLevel5 IM_RI_RasterLevel5	0 | 0 0 | Linear	
RasterLevel6 IM_RI_RasterLevel6	0 | 0 0 | Linear	

S5.05 Standard Symbols (cont.)

Examples are shown at the correct size for all drawing scales printed to 11"x17" PS&E sheet, unless otherwise noted. Items flagged with an asterisk (*) are True Size items that always measure the same in ground units and their size on a print changes with the drawing scale. The scales of the True Size item examples are noted. Where noted, use the Feature Definition rather than Element Template to place feature.

Monument - Boundary

Element Template (Level Name)	ByLevel Weight | ByLevel Style byLevel Color | Element Type	Example
MonumentCalcd MN_BD_MonumentCalcd USE FEATURE DEFINITION: Point\Monument Control\Boundary\MonumentCalcd	0 | 0 60 | Cell	○
MonumentCaseAndCover MN_BD_MonumentCaseAndCover USE FEATURE DEFINITION: Point\Monument Control\Boundary\MonumentCaseandCover	0 | 0 60 | Cell	⊙
MonumentCaseAndCoverNew MN_BD_MonumentCaseAndCoverNew USE FEATURE DEFINITION: Point\Monument Control\Boundary\MonumentCaseandCoverNew	0 | 0 44 | Cell	◎
MonumentFound MN_BD_MonumentFound USE FEATURE DEFINITION: Point\Monument Control\Boundary\MonumentFound	0 | 0 60 | Cell	•
MonumentNew MN_BD_MonumentNew USE FEATURE DEFINITION: Point\Monument Control\Boundary\MonumentNew	0 | 0 44 | Cell	◉

S5.05 Standard Symbols (cont.)

Examples are shown at the correct size for all drawing scales printed to 11"x17" PS&E sheet, unless otherwise noted. Items flagged with an asterisk (*) are True Size items that always measure the same in ground units and their size on a print changes with the drawing scale. The scales of the True Size item examples are noted. Where noted, use the Feature Definition rather than Element Template to place feature.

Monument - Network Control

Element Template (Level Name)	ByLevel Weight | ByLevel Style byLevel Color | Element Type	Example
BacksightCheck MN_NC_BacksightCheck USE FEATURE DEFINITION: Point\Monument Control\Network Control\BacksightCheck	1 | 0 92 | Cell	BSCHK
BenchMark MN_NC_BenchMark USE FEATURE DEFINITION: Point\Monument Control\Network Control\BenchMark	0 | 0 28 | Cell	
PrimaryControlPoint MN_NC_PrimaryControlPoint USE FEATURE DEFINITION: Point\Monument Control\Network Control\PrimaryControlPoint	1 | 0 28 | Cell	
TempBenchMark MN_NC_TempBenchMark USE FEATURE DEFINITION: Point\Monument Control\Network Control\TempBenchMark	0 | 0 28 | Cell	
TempControlPoint MN_NC_TempControlPoint USE FEATURE DEFINITION: Point\Monument Control\Network Control\TempControlPoint	1 | 0 28 | Cell	

S5.05 Standard Symbols (cont.)

Examples are shown at the correct size for all drawing scales printed to 11"x17" PS&E sheet, unless otherwise noted. Items flagged with an asterisk (*) are True Size items that always measure the same in ground units and their size on a print changes with the drawing scale. The scales of the True Size item examples are noted. Where noted, use the Feature Definition rather than Element Template to place feature.

Monument - Photo

Element Template (Level Name)	ByLevel Weight | ByLevel Style byLevel Color | Element Type	Example
PhotoCenter MN_PH_PhotoCenter USE FEATURE DEFINITION: Point\Monument Control\Photo\PhotoCenter	1 | 0 92 | Cell	
PhotoControlPointsText MN_PH_PhotoControlPointsText Text Style: 07-Ital Text Font: WSDOT CAE Text Size: 0.005833	0 | 0 92 | Text	*1156*
PhotoGridTic MN_PH_PhotoGridTic	1 | 0 92 | Cell	
PhotoHorVertControlPoint MN_PH_PhotoHorVertControlPoint USE FEATURE DEFINITION: Point\Monument Control\Photo\PhotoHorVertControlPoint	1 | 0 92 | Cell	
PhotoVertControlPoint MN_PH_PhotoVertControlPoint USE FEATURE DEFINITION: Point\Monument Control\Photo\PhotoVertControlPoint	0 | 0 92 | Cell	

S5.05 Standard Symbols (cont.)

Examples are shown at the correct size for all drawing scales printed to 11"x17" PS&E sheet, unless otherwise noted. Items flagged with an asterisk (*) are True Size items that always measure the same in ground units and their size on a print changes with the drawing scale. The scales of the True Size item examples are noted. Where noted, use the Feature Definition rather than Element Template to place feature.

Monument - Reference Point

Element Template (Level Name)	ByLevel Weight | ByLevel Style byLevel Color | Element Type	Example
ReferencePoint MN_PT_ReferencePoint USE FEATURE DEFINITION: Point\Monument Control\Reference Point\ReferencePoint	0 | 0 122 | Cell	

S5.05 Standard Symbols (cont.)

Examples are shown at the correct size for all drawing scales printed to 11"x17" PS&E sheet, unless otherwise noted. Items flagged with an asterisk (*) are True Size items that always measure the same in ground units and their size on a print changes with the drawing scale. The scales of the True Size item examples are noted. Where noted, use the Feature Definition rather than Element Template to place feature.

Right of Way - Boundaries

Element Template (Level Name) | ByLevel Weight / byLevel Color | ByLevel Style / Element Type | Example

HighwayRWBndryDots
RW_BD_HighwayRWBndryDots
2 | RW_BD_HighwayRWBndryDots
83 | Linear

USE FEATURE DEFINITION: Linear\Right of Way\Boundaries\HighwayRWBndryDots

HighwayRWBndryPSE
RW_BD_HighwayRWBndryPSE
5 | 0
19 | Linear

USE FEATURE DEFINITION: Linear\Right of Way\Boundaries\HighwayRWBndryPSE

LAccessFloatingLTNew
RW_BD_LAccessFloatingLTNew
2 | RW_BD_LAccessFloatingLTNew
35 | Linear

USE FEATURE DEFINITION: Linear\Right of Way\Boundaries\LAccessFloatingLTNew

LAccessFloatingRTNew
RW_BD_LAccessFloatingRTNew
2 | RW_BD_LAccessFloatingRTNew
35 | Linear

USE FEATURE DEFINITION: Linear\Right of Way\Boundaries\LAccessFloatingRTNew

LAccessProposedRWLT
RW_BD_LAccessProposedRWLT
5 | RW_BD_LAccessProposedRWLT
35 | Linear

USE FEATURE DEFINITION: Linear\Right of Way\Boundaries\LAccessProposedRWLT

LAccessProposedRWRT
RW_BD_LAccessProposedRWRT
5 | RW_BD_LAccessProposedRWRT
35 | Linear

USE FEATURE DEFINITION: Linear\Right of Way\Boundaries\LAccessProposedRWRT

RRRWBndry
RW_BD_RRRWBndry
2 | RW_BD_RRRWBndry
147 | Linear

USE FEATURE DEFINITION: Linear\Right of Way\Boundaries\RRRWBndry

S5.05 Standard Symbols (cont.)

Examples are shown at the correct size for all drawing scales printed to 11"x17" PS&E sheet, unless otherwise noted. Items flagged with an asterisk (*) are True Size items that always measure the same in ground units and their size on a print changes with the drawing scale. The scales of the True Size item examples are noted. Where noted, use the Feature Definition rather than Element Template to place feature.

Right of Way - Boundaries

Element Template (Level Name)	ByLevel Weight | ByLevel Style byLevel Color | Element Type	Example
RWMarker RW_BD_RWMarker USE FEATURE DEFINITION: Point\Right of Way\Boundaries\RWMarker	0 | 0 19 | Cell	

S5.05 Standard Symbols (cont.)

Examples are shown at the correct size for all drawing scales printed to 11"x17" PS&E sheet, unless otherwise noted. Items flagged with an asterisk (*) are True Size items that always measure the same in ground units and their size on a print changes with the drawing scale. The scales of the True Size item examples are noted. Where noted, use the Feature Definition rather than Element Template to place feature.

Right of Way - Easements and Permits

Element Template (Level Name)	ByLevel Weight | ByLevel Style byLevel Color | Element Type	Example
EsmntLineNew RW_ES_EsmntLineNew USE FEATURE DEFINITION: Linear\Right of Way\Easements and Permits\EsmntLineNew	3 | 0 3 | Linear	
PermitLineNew RW_ES_PermitLineNew USE FEATURE DEFINITION: Linear\Right of Way\Easements and Permits\PermitLineNew	3 | 0 67 | Linear	
RailroadLine1 RW_ES_RailroadLine1 USE FEATURE DEFINITION: Linear\Right of Way\Easements and Permits\RailroadLine1	3 | RW_ES_RailroadLine1 51 | Linear	- R1 - - - - - R1 - - - - - R1 - - - -
RailroadLine2 RW_ES_RailroadLine2 USE FEATURE DEFINITION: Linear\Right of Way\Easements and Permits\RailroadLine2	3 | RW_ES_RailroadLine2 51 | Linear	- R2 - - - - - R2 - - - - - R2 - - - -
RailroadLine3 RW_ES_RailroadLine3 USE FEATURE DEFINITION: Linear\Right of Way\Easements and Permits\RailroadLine3	3 | RW_ES_RailroadLine3 51 | Linear	- R3 - - - - - R3 - - - - - R3 - - - -
RailroadLine4 RW_ES_RailroadLine4 USE FEATURE DEFINITION: Linear\Right of Way\Easements and Permits\RailroadLine4	3 | RW_ES_RailroadLine4 51 | Linear	- R4 - - - - - R4 - - - - - R4 - - - -
RailroadLine5 RW_ES_RailroadLine5 USE FEATURE DEFINITION: Linear\Right of Way\Easements and Permits\RailroadLine5	3 | RW_ES_RailroadLine5 51 | Linear	- R5 - - - - - R5 - - - - - R5 - - - -

S5.05 Standard Symbols (cont.)

Examples are shown at the correct size for all drawing scales printed to 11"x17" PS&E sheet, unless otherwise noted. Items flagged with an asterisk (*) are True Size items that always measure the same in ground units and their size on a print changes with the drawing scale. The scales of the True Size item examples are noted. Where noted, use the Feature Definition rather than Element Template to place feature.

Right of Way - Easements and Permits

Element Template (Level Name)	ByLevel Weight | ByLevel Style byLevel Color | Element Type	Example
RailroadLine6 RW_ES_RailroadLine6 USE FEATURE DEFINITION: Linear\Right of Way\Easements and Permits\RailroadLine6	3 | RW_ES_RailroadLine6 51 | Linear	
RailroadLine7 RW_ES_RailroadLine7 USE FEATURE DEFINITION: Linear\Right of Way\Easements and Permits\RailroadLine7	3 | RW_ES_RailroadLine7 51 | Linear	
RailroadLine8 RW_ES_RailroadLine8 USE FEATURE DEFINITION: Linear\Right of Way\Easements and Permits\RailroadLine8	3 | RW_ES_RailroadLine8 51 | Linear	
RailroadLine9 RW_ES_RailroadLine9 USE FEATURE DEFINITION: Linear\Right of Way\Easements and Permits\RailroadLine9	3 | RW_ES_RailroadLine9 51 | Linear	
SubterraneanEsmntLineNew RW_ES_SubterraneanEsmntLineNew USE FEATURE DEFINITION: Linear\Right of Way\Easements and Permits\SubterraneanEsmntLineNew	3 | 0 99 | Linear	
TempConstrEsmntLineNew RW_ES_TempConstrEsmntLineNew USE FEATURE DEFINITION: Linear\Right of Way\Easements and Permits\TempConstrEsmntLineNew	3 | 0 131 | Linear	

S5.05 Standard Symbols (cont.)

Examples are shown at the correct size for all drawing scales printed to 11"x17" PS&E sheet, unless otherwise noted. Items flagged with an asterisk (*) are True Size items that always measure the same in ground units and their size on a print changes with the drawing scale. The scales of the True Size item examples are noted. Where noted, use the Feature Definition rather than Element Template to place feature.

Right of Way - Government Boundaries

Element Template (Level Name) | ByLevel Weight / byLevel Color | ByLevel Style / Element Type | Example

ControlSection
RW_GB_ControlSection
0 | 0
51 | Linear

USE FEATURE DEFINITION: Linear\Right of Way\Government Boundaries\ControlSection

CorpLimitLine
RW_GB_CorpLimitLine
5 | RW_GB_CorpLimitLine
19 | Linear

USE FEATURE DEFINITION: Linear\Right of Way\Government Boundaries\CorpLimitLine

CountyLine
RW_GB_CountyLine
5 | RW_GB_CountyLine
51 | Linear

USE FEATURE DEFINITION: Linear\Right of Way\Government Boundaries\CountyLine

ForestBndry
RW_GB_ForestBndry
4 | RW_GB_ForestBndry
83 | Linear

USE FEATURE DEFINITION: Linear\Right of Way\Government Boundaries\ForestBndry

ParkBndry
RW_GB_ParkBndry
4 | RW_GB_ParkBndry
115 | Linear

USE FEATURE DEFINITION: Linear\Right of Way\Government Boundaries\ParkBndry

ReservationBndry
RW_GB_ReservationBndry
4 | RW_GB_ReservationBndry
147 | Linear

USE FEATURE DEFINITION: Linear\Right of Way\Government Boundaries\ReservationBndry

StateBndry
RW_GB_StateBndry
5 | RW_GB_StateBndry
19 | Linear

USE FEATURE DEFINITION: Linear\Right of Way\Government Boundaries\StateBndry

S5.05 Standard Symbols (cont.)

Examples are shown at the correct size for all drawing scales printed to 11"x17" PS&E sheet, unless otherwise noted. Items flagged with an asterisk (*) are True Size items that always measure the same in ground units and their size on a print changes with the drawing scale. The scales of the True Size item examples are noted. Where noted, use the Feature Definition rather than Element Template to place feature.

Right of Way - Parcels

Element Template (Level Name)	ByLevel Weight / ByLevel Style / byLevel Color / Element Type	Example
FenceCorner RW_PA_FenceCorner USE FEATURE DEFINITION: Point\Right of Way\Parcels\FenceCorner	0 / 0 19 / Cell	
PropertyCorner RW_PA_PropertyCorner USE FEATURE DEFINITION: Point\Right of Way\Parcels\PropertyCorner	0 / 0 19 / Cell	
SetbackLine RW_PA_SetbackLine USE FEATURE DEFINITION: Linear\Right of Way\Parcels\SetbackLine	0 / 2 19 / Linear	

S5.05 Standard Symbols (cont.)

Examples are shown at the correct size for all drawing scales printed to 11"x17" PS&E sheet, unless otherwise noted. Items flagged with an asterisk (*) are True Size items that always measure the same in ground units and their size on a print changes with the drawing scale. The scales of the True Size item examples are noted. Where noted, use the Feature Definition rather than Element Template to place feature.

Right of Way - Parcels - Region Parcel Numbe

Element Template (Level Name)	ByLevel Weight | ByLevel Style / byLevel Color | Element Type	Example
ParcelNumberER RW_PA_ParcelNumberER	2 | 0 19 | Cell	6-xxxxx
ParcelNumberNCR RW_PA_ParcelNumberNCR	2 | 0 19 | Cell	2-xxxxx
ParcelNumberNWR RW_PA_ParcelNumberNWR	2 | 0 19 | Cell	1-xxxxx
ParcelNumberOR RW_PA_ParcelNumberOR	2 | 0 19 | Cell	3-xxxxx
ParcelNumberSCR RW_PA_ParcelNumberSCR	2 | 0 19 | Cell	5-xxxxx
ParcelNumberSWR RW_PA_ParcelNumberSWR	2 | 0 19 | Cell	4-xxxxx

S5.05 Standard Symbols (cont.)

Examples are shown at the correct size for all drawing scales printed to 11"x17" PS&E sheet, unless otherwise noted. Items flagged with an asterisk (*) are True Size items that always measure the same in ground units and their size on a print changes with the drawing scale. The scales of the True Size item examples are noted. Where noted, use the Feature Definition rather than Element Template to place feature.

Right of Way - Section Info

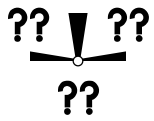
Element Template (Level Name) | ByLevel Weight / ByLevel Style / byLevel Color / Element Type | Example

ClosingCornerFound
RW_SC_ClosingCornerFound
1 | 0 / 19 | Cell



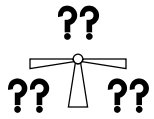
USE FEATURE DEFINITION: Point\Right of Way\Section Info\ClosingCornerFound

ClosingCornerFoundNorth
RW_SC_ClosingCornerFoundNorth
1 | 0 / 19 | Cell



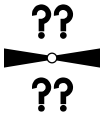
USE FEATURE DEFINITION: Point\Right of Way\Section Info\ClosingCornerFoundNorth

ClosingCornerNotFound
RW_SC_ClosingCornerNotFound
1 | 0 / 115 | Cell



USE FEATURE DEFINITION: Point\Right of Way\Section Info\ClosingCornerNotFound

QuarterCornerFoundEW
RW_SC_QuarterCornerFoundEW
1 | 0 / 19 | Cell



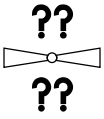
USE FEATURE DEFINITION: Point\Right of Way\Section Info\QuarterCornerFoundEW

QuarterCornerFoundNS
RW_SC_QuarterCornerFoundNS
1 | 0 / 115 | Cell



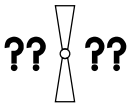
USE FEATURE DEFINITION: Point\Right of Way\Section Info\QuarterCornerFoundNS

QuarterCornerNotFoundEW
RW_SC_QuarterCornerNotFoundEW
1 | 0 / 19 | Cell



USE FEATURE DEFINITION: Point\Right of Way\Section Info\QuarterCornerNotFoundEW

QuarterCornerNotFoundNS
RW_SC_QuarterCornerNotFoundNS
1 | 0 / 19 | Cell



USE FEATURE DEFINITION: Point\Right of Way\Section Info\QuarterCornerNotFoundNS

S5.05 Standard Symbols (cont.)

Examples are shown at the correct size for all drawing scales printed to 11"x17" PS&E sheet, unless otherwise noted. Items flagged with an asterisk (*) are True Size items that always measure the same in ground units and their size on a print changes with the drawing scale. The scales of the True Size item examples are noted. Where noted, use the Feature Definition rather than Element Template to place feature.

Right of Way - Section Info

Element Template (Level Name) | ByLevel Weight / byLevel Color | ByLevel Style / Element Type | Example

QuarterSectionLine
RW_SC_QuarterSectionLine
3 | RW_SC_QuarterSectionLine
51 | Linear

USE FEATURE DEFINITION: Linear\Right of Way\Section Info\QuarterSectionLine

RangeLine
RW_SC_RangeLine
5 | 0
115 | Linear

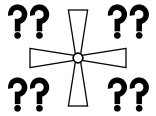
USE FEATURE DEFINITION: Linear\Right of Way\Section Info\RangeLine

SectionCornerFound
RW_SC_SectionCornerFound
1 | 0
19 | Cell



USE FEATURE DEFINITION: Point\Right of Way\Section Info\SectionCornerFound

SectionCornerNotFound
RW_SC_SectionCornerNotFound
1 | 0
115 | Cell



USE FEATURE DEFINITION: Point\Right of Way\Section Info\SectionCornerNotFound

SectionLine
RW_SC_SectionLine
4 | RW_SC_SectionLine
19 | Linear

USE FEATURE DEFINITION: Linear\Right of Way\Section Info\SectionLine

TownshipLine
RW_SC_TownshipLine
5 | 0
147 | Linear

USE FEATURE DEFINITION: Linear\Right of Way\Section Info\TownshipLine

S5.05 Standard Symbols (cont.)

Examples are shown at the correct size for all drawing scales printed to 11"x17" PS&E sheet, unless otherwise noted. Items flagged with an asterisk (*) are True Size items that always measure the same in ground units and their size on a print changes with the drawing scale. The scales of the True Size item examples are noted. Where noted, use the Feature Definition rather than Element Template to place feature.

Right of Way - Text

Element Template (Level Name)	ByLevel Weight | ByLevel Style byLevel Color | Element Type	Example
BearingsText RW_SC_BearingsText Text Style: 06 Text Font: WSDOT CAE Text Size: 0.005	0 | 2 19 | Text	S 88° 55' 25" W
CenterofSectionsText RW_SC_CenterofSectionsText Text Style: 09 Text Font: WSDOT CAE Text Size: 0.0075	0 | 0 19 | Text	12
CityNamesText RW_PA_CityNamesText Text Style: 20-Block_RW Text Font: WSDOT BLOCK Text Size: 0.016667	1 | 0 19 | Text	FIFE
ControlSectionText RW_GB_ControlSectionText Text Style: 07-Bold Text Font: WSDOT CAE Text Size: 0.005833	0 | 0 19 | Text	**CONTROL SECTION**
DescriptionsText RW_SC_DescriptionsText Text Style: 05 Text Font: WSDOT CAE Text Size: 0.004167	0 | 0 19 | Text	"1" DIA. IRON PIPE"
GovtBndryText RW_GB_GovtBndryText Text Style: 10-Bold Text Font: WSDOT CAE Text Size: 0.008333	0 | 0 19 | Text	**STATE PARK**
GovtLotIDText RW_SC_GovtLotIDText Text Style: 09-Bold Text Font: WSDOT CAE Text Size: 0.0075	0 | 0 147 | Text	**GOV'T LOT 3**

S5.05 Standard Symbols (cont.)

Examples are shown at the correct size for all drawing scales printed to 11"x17" PS&E sheet, unless otherwise noted. Items flagged with an asterisk (*) are True Size items that always measure the same in ground units and their size on a print changes with the drawing scale. The scales of the True Size item examples are noted. Where noted, use the Feature Definition rather than Element Template to place feature.

Right of Way - Text

Element Template (Level Name)	ByLevel Weight | ByLevel Style byLevel Color | Element Type	Example
HighwayRWBndryPSESOText RW_BD_HighwayRWBndryPSESOText Text Style: 07-Ital Text Font: WSDOT CAE Text Size: 0.005833	0 | 0 19 | Text	*MR 10+88.03 (50' RT.)*
InterchangeNamesText RW_PA_InterchangeNamesText Text Style: 15-Block_RW Text Font: WSDOT BLOCK Text Size: 0.0125	1 | 0 19 | Text	INTERCHANGE
RangeLinesText RW_SC_RangeLinesText Text Style: 12-Bold Text Font: WSDOT CAE Text Size: 0.01	2 | 0 115 | Text	**T.2N. R.1E. W.M.**
SubdivisionsNamesText RW_PA_SubdivisionsNamesText Text Style: 10-Block_RW Text Font: WSDOT BLOCK Text Size: 0.008333	1 | 0 51 | Text	SUBDIVISION
TownshipRangeLineText RW_SC_TownshipRangeLineText Text Style: 12-Bold Text Font: WSDOT CAE Text Size: 0.01	2 | 0 147 | Text	**T.2N. R.1E. W.M.**

S5.05 Standard Symbols (cont.)

Examples are shown at the correct size for all drawing scales printed to 11"x17" PS&E sheet, unless otherwise noted. Items flagged with an asterisk (*) are True Size items that always measure the same in ground units and their size on a print changes with the drawing scale. The scales of the True Size item examples are noted. Where noted, use the Feature Definition rather than Element Template to place feature.

Roadway - Barrier

Element Template (Level Name)	ByLevel Weight | ByLevel Style byLevel Color | Element Type	Example
BarrierCenter RD_BR_BarrierCenter USE FEATURE DEFINITION: Linear\Roadway\Barrier\BarrierCenter	0 | RD_BR_BarrierCenter 29 | Linear	
BarrierCenterNew RD_BR_BarrierCenterNew USE FEATURE DEFINITION: Linear\Roadway\Barrier\BarrierCenterNew	0 | RD_BR_BarrierCenterNew 13 | Linear	
BarrierCenterTemporary RD_BR_BarrierCenterTemporary USE FEATURE DEFINITION: Linear\Roadway\Barrier\BarrierCenterTemporary	0 | RD_BR_BarrierCenterTemporary 13 | Linear	
BarrierFace RD_BR_BarrierFace USE FEATURE DEFINITION: Linear\Roadway\Barrier\BarrierFace	0 | 0 61 | Linear	
BarrierFaceBridge RD_BR_BarrierFaceBridge USE FEATURE DEFINITION: Linear\Roadway\Barrier\BarrierFaceBridge	0 | 0 61 | Linear	
BarrierFaceBridgeNew RD_BR_BarrierFaceBridgeNew USE FEATURE DEFINITION: Linear\Roadway\Barrier\BarrierFaceBridgeNew	0 | 0 45 | Linear	
BarrierFaceNew RD_BR_BarrierFaceNew USE FEATURE DEFINITION: Linear\Roadway\Barrier\BarrierFaceNew	0 | 0 45 | Linear	

S5.05 Standard Symbols (cont.)

Examples are shown at the correct size for all drawing scales printed to 11"x17" PS&E sheet, unless otherwise noted. Items flagged with an asterisk (*) are True Size items that always measure the same in ground units and their size on a print changes with the drawing scale. The scales of the True Size item examples are noted. Where noted, use the Feature Definition rather than Element Template to place feature.

Roadway - Barrier

Element Template (Level Name)	ByLevel Weight | ByLevel Style byLevel Color | Element Type	Example
BarrierFaceTunnel RD_BR_BarrierFaceTunnel USE FEATURE DEFINITION: Linear\Roadway\Barrier\BarrierFaceTunnel	0 | 0 61 | Linear	
BarrierFaceTunnelNew RD_BR_BarrierFaceTunnelNew USE FEATURE DEFINITION: Linear\Roadway\Barrier\BarrierFaceTunnelNew	0 | 0 45 | Linear	
BarrierTop RD_BR_BarrierTop USE FEATURE DEFINITION: Linear\Roadway\Barrier\BarrierTop	0 | 0 0 | Linear	
BarrierTopBridge RD_BR_BarrierTopBridge USE FEATURE DEFINITION: Linear\Roadway\Barrier\BarrierTopBridge	0 | 0 61 | Linear	
BarrierTopBridgeNew RD_BR_BarrierTopBridgeNew USE FEATURE DEFINITION: Linear\Roadway\Barrier\BarrierTopBridgeNew	0 | 0 45 | Linear	
BarrierTopNew RD_BR_BarrierTopNew USE FEATURE DEFINITION: Linear\Roadway\Barrier\BarrierTopNew	0 | 0 45 | Linear	
BarrierTopTunnel RD_BR_BarrierTopTunnel USE FEATURE DEFINITION: Linear\Roadway\Barrier\BarrierTopTunnel	0 | 0 61 | Linear	

S5.05 Standard Symbols (cont.)

Examples are shown at the correct size for all drawing scales printed to 11"x17" PS&E sheet, unless otherwise noted. Items flagged with an asterisk (*) are True Size items that always measure the same in ground units and their size on a print changes with the drawing scale. The scales of the True Size item examples are noted. Where noted, use the Feature Definition rather than Element Template to place feature.

Roadway - Barrier

Element Template (Level Name)	ByLevel Weight | ByLevel Style byLevel Color | Element Type	Example
BarrierTopTunnelNew RD_BR_BarrierTopTunnelNew USE FEATURE DEFINITION: Linear\Roadway\Barrier\BarrierTopTunnelNew	0 | 0 45 | Linear	
Bollard RD_BR_Bollard USE FEATURE DEFINITION: Point\Roadway\Barrier\Bollard	0 | 0 93 | Cell	
BollardNew RD_BR_BollardNew USE FEATURE DEFINITION: Point\Roadway\Barrier\BollardNew	0 | 0 77 | Cell	
CableBarrier RD_BR_CableBarrier USE FEATURE DEFINITION: Linear\Roadway\Barrier\CableBarrier	0 | RD_BR_CableBarrier 125 | Linear	
CableBarrierNew RD_BR_CableBarrierNew USE FEATURE DEFINITION: Linear\Roadway\Barrier\CableBarrierNew	0 | RD_BR_CableBarrierNew 109 | Linear	
Fence RD_BR_Fence USE FEATURE DEFINITION: Linear\Roadway\Barrier\Fence	0 | RD_BR_Fence 157 | Linear	
FenceNew RD_BR_FenceNew USE FEATURE DEFINITION: Linear\Roadway\Barrier\FenceNew	0 | RD_BR_FenceNew 141 | Linear	

S5.05 Standard Symbols (cont.)

Examples are shown at the correct size for all drawing scales printed to 11"x17" PS&E sheet, unless otherwise noted. Items flagged with an asterisk (*) are True Size items that always measure the same in ground units and their size on a print changes with the drawing scale. The scales of the True Size item examples are noted. Where noted, use the Feature Definition rather than Element Template to place feature.

Roadway - Barrier

Element Template (Level Name)	ByLevel Weight | ByLevel Style byLevel Color | Element Type	Example
Gate RD_BR_Gate USE FEATURE DEFINITION: Point\Roadway\Barrier\Gate	0 | 0 157 | Cell	
GateNew RD_BR_GateNew USE FEATURE DEFINITION: Point\Roadway\Barrier\GateNew	0 | 0 141 | Cell	
GateSingle RD_BR_GateSingle USE FEATURE DEFINITION: Point\Roadway\Barrier\GateSingle	0 | 0 157 | Cell	
GateSingleNew RD_BR_GateSingleNew USE FEATURE DEFINITION: Point\Roadway\Barrier\GateSingleNew	0 | 0 141 | Cell	
Guardrail RD_BR_Guardrail USE FEATURE DEFINITION: Linear\Roadway\Barrier\Guardrail	0 | RD_BR_Guardrail 125 | Linear	
GuardrailAnchor RD_BR_GuardrailAnchor USE FEATURE DEFINITION: Point\Roadway\Barrier\GuardrailAnchor	0 | 0 125 | Cell	
GuardrailBridge RD_BR_GuardrailBridge USE FEATURE DEFINITION: Linear\Roadway\Barrier\GuardrailBridge	1 | 5 157 | Linear	

S5.05 Standard Symbols (cont.)

Examples are shown at the correct size for all drawing scales printed to 11"x17" PS&E sheet, unless otherwise noted. Items flagged with an asterisk (*) are True Size items that always measure the same in ground units and their size on a print changes with the drawing scale. The scales of the True Size item examples are noted. Where noted, use the Feature Definition rather than Element Template to place feature.

Roadway - Barrier

Element Template (Level Name)	ByLevel Weight | ByLevel Style byLevel Color | Element Type	Example
GuardrailBridgeNew RD_BR_GuardrailBridgeNew USE FEATURE DEFINITION: Linear\Roadway\Barrier\GuardrailBridgeNew	1 | 5 141 | Linear	
GuardrailNew RD_BR_GuardrailNew USE FEATURE DEFINITION: Linear\Roadway\Barrier\GuardrailNew	0 | RD_BR_GuardrailNew 109 | Linear	
GuardrailTunnel RD_BR_GuardrailTunnel USE FEATURE DEFINITION: Linear\Roadway\Barrier\GuardrailTunnel	1 | 5 157 | Linear	
GuardrailTunnelNew RD_BR_GuardrailTunnelNew USE FEATURE DEFINITION: Linear\Roadway\Barrier\GuardrailTunnelNew	1 | 5 141 | Linear	
GuidePost RD_BR_GuidePost USE FEATURE DEFINITION: Point\Roadway\Barrier\GuidePost	0 | 0 93 | Cell	
GuidePostNew RD_BR_GuidePostNew USE FEATURE DEFINITION: Point\Roadway\Barrier\GuidePostNew	1 | 0 77 | Cell	
ImpactAttenuator RD_BR_ImpactAttenuator USE FEATURE DEFINITION: Point\Roadway\Barrier\ImpactAttenuator	0 | 0 125 | Cell	

S5.05 Standard Symbols (cont.)

Examples are shown at the correct size for all drawing scales printed to 11"x17" PS&E sheet, unless otherwise noted. Items flagged with an asterisk (*) are True Size items that always measure the same in ground units and their size on a print changes with the drawing scale. The scales of the True Size item examples are noted. Where noted, use the Feature Definition rather than Element Template to place feature.

Roadway - Barrier

Element Template (Level Name)	ByLevel Weight | ByLevel Style byLevel Color | Element Type	Example
ImpactAttenuatorNew RD_BR_ImpactAttenuatorNew USE FEATURE DEFINITION: Point\Roadway\Barrier\ImpactAttenuatorNew	0 | 0 109 | Cell	

S5.05 Standard Symbols (cont.)

Examples are shown at the correct size for all drawing scales printed to 11"x17" PS&E sheet, unless otherwise noted. Items flagged with an asterisk (*) are True Size items that always measure the same in ground units and their size on a print changes with the drawing scale. The scales of the True Size item examples are noted. Where noted, use the Feature Definition rather than Element Template to place feature.

Roadway - Berm

Element Template (Level Name)	ByLevel Weight | ByLevel Style byLevel Color | Element Type	Example
AsphaltBerm RD_BM_AsphaltBerm USE FEATURE DEFINITION: Linear\Roadway\Berm\AsphaltBerm	0 | 0 61 | Linear	
NoiseBerm RD_BM_NoiseBerm USE FEATURE DEFINITION: Linear\Roadway\Berm\NoiseBerm	0 | 0 61 | Linear	
NoiseBermNew RD_BM_NoiseBermNew USE FEATURE DEFINITION: Linear\Roadway\Berm\NoiseBermNew	3 | 0 45 | Linear	

S5.05 Standard Symbols (cont.)

Examples are shown at the correct size for all drawing scales printed to 11"x17" PS&E sheet, unless otherwise noted. Items flagged with an asterisk (*) are True Size items that always measure the same in ground units and their size on a print changes with the drawing scale. The scales of the True Size item examples are noted. Where noted, use the Feature Definition rather than Element Template to place feature.

Roadway - Curb-Gutter-Sidewalk

Element Template (Level Name)	ByLevel Weight | ByLevel Style byLevel Color | Element Type	Example
CurbAndGutter RD_CG_CurbAndGutter USE FEATURE DEFINITION: Linear\Roadway\Curb-Gutter-Sidewalk\CurbAndGutter	0 | 4 29 | Linear	
CurbAndGutterNew RD_CG_CurbAndGutterNew USE FEATURE DEFINITION: Linear\Roadway\Curb-Gutter-Sidewalk\CurbAndGutterNew	1 | 0 13 | Linear	
CurbAsphaltFace RD_CG_CurbAsphaltFace USE FEATURE DEFINITION: Linear\Roadway\Curb-Gutter-Sidewalk\CurbAsphaltFace	0 | 0 61 | Linear	
CurbAsphaltFaceNew RD_CG_CurbAsphaltFaceNew USE FEATURE DEFINITION: Linear\Roadway\Curb-Gutter-Sidewalk\CurbAsphaltFaceNew	1 | 0 45 | Linear	
CurbBack RD_CG_CurbBack USE FEATURE DEFINITION: Linear\Roadway\Curb-Gutter-Sidewalk\CurbBack	0 | 4 61 | Linear	
CurbBackNew RD_CG_CurbBackNew USE FEATURE DEFINITION: Linear\Roadway\Curb-Gutter-Sidewalk\CurbBackNew	0 | 0 45 | Linear	
CurbBotBackNew RD_CG_CurbBotBackNew USE FEATURE DEFINITION: Linear\Roadway\Curb-Gutter-Sidewalk\CurbBotBackNew	0 | 0 45 | Linear	

S5.05 Standard Symbols (cont.)

Examples are shown at the correct size for all drawing scales printed to 11"x17" PS&E sheet, unless otherwise noted. Items flagged with an asterisk (*) are True Size items that always measure the same in ground units and their size on a print changes with the drawing scale. The scales of the True Size item examples are noted. Where noted, use the Feature Definition rather than Element Template to place feature.

Roadway - Curb-Gutter-Sidewalk

Element Template (Level Name) | ByLevel Weight / ByLevel Style / byLevel Color / Element Type | Example

CurbBotFrontNew
RD_CG_CurbBotFrontNew
0 | 0 / 45 | Linear

USE FEATURE DEFINITION: Linear\Roadway\Curb-Gutter-Sidewalk\CurbBotFrontNew

CurbCSBCBackNew
RD_CG_CurbCSBCNew
0 | 0 / 13 | Linear

USE FEATURE DEFINITION: Linear\Roadway\Curb-Gutter-Sidewalk\CurbCSBCBackNew

CurbCSBCFrontNew
RD_CG_CurbCSBCNew
0 | 0 / 13 | Linear

USE FEATURE DEFINITION: Linear\Roadway\Curb-Gutter-Sidewalk\CurbCSBCFrontNew

CurbFace
RD_CG_CurbFace
0 | 4 / 61 | Linear

USE FEATURE DEFINITION: Linear\Roadway\Curb-Gutter-Sidewalk\CurbFace

CurbFaceBridge
RD_CG_CurbFaceBridge
1 | 5 / 93 | Linear

USE FEATURE DEFINITION: Linear\Roadway\Curb-Gutter-Sidewalk\CurbFaceBridge

CurbFaceNew
RD_CG_CurbFaceNew
1 | 0 / 45 | Linear

USE FEATURE DEFINITION: Linear\Roadway\Curb-Gutter-Sidewalk\CurbFaceNew

CurbFaceTunnel
RD_CG_CurbFaceTunnel
1 | 5 / 93 | Linear

USE FEATURE DEFINITION: Linear\Roadway\Curb-Gutter-Sidewalk\CurbFaceTunnel

S5.05 Standard Symbols (cont.)

Examples are shown at the correct size for all drawing scales printed to 11"x17" PS&E sheet, unless otherwise noted. Items flagged with an asterisk (*) are True Size items that always measure the same in ground units and their size on a print changes with the drawing scale. The scales of the True Size item examples are noted. Where noted, use the Feature Definition rather than Element Template to place feature.

Roadway - Curb-Gutter-Sidewalk

Element Template (Level Name)	ByLevel Weight | ByLevel Style byLevel Color | Element Type	Example

CurbFaceTunnelNew
RD_CG_CurbFaceTunnelNew
1 | 0
45 | Linear

USE FEATURE DEFINITION: Linear\Roadway\Curb-Gutter-Sidewalk\CurbFaceTunnelNew

CurbTop
RD_CG_CurbTop
0 | 4
61 | Linear

USE FEATURE DEFINITION: Linear\Roadway\Curb-Gutter-Sidewalk\CurbTop

CurbTopBackNew
RD_CG_CurbTopBackNew
0 | 0
45 | Linear

USE FEATURE DEFINITION: Linear\Roadway\Curb-Gutter-Sidewalk\CurbTopBackNew

CurbTopBridge
RD_CG_CurbTopBridge
0 | 4
61 | Linear

USE FEATURE DEFINITION: Linear\Roadway\Curb-Gutter-Sidewalk\CurbTopBridge

CurbTopBridgeNew
RD_CG_CurbTopBridgeNew
1 | 0
45 | Linear

USE FEATURE DEFINITION: Linear\Roadway\Curb-Gutter-Sidewalk\CurbTopBridgeNew

CurbTopNew
RD_CG_CurbTopNew
1 | 0
45 | Linear

USE FEATURE DEFINITION: Linear\Roadway\Curb-Gutter-Sidewalk\CurbTopNew

CurbTopTunnel
RD_CG_CurbTopTunnel
0 | 4
61 | Linear

USE FEATURE DEFINITION: Linear\Roadway\Curb-Gutter-Sidewalk\CurbTopTunnel

S5.05 Standard Symbols (cont.)

Examples are shown at the correct size for all drawing scales printed to 11"x17" PS&E sheet, unless otherwise noted. Items flagged with an asterisk (*) are True Size items that always measure the same in ground units and their size on a print changes with the drawing scale. The scales of the True Size item examples are noted. Where noted, use the Feature Definition rather than Element Template to place feature.

Roadway - Curb-Gutter-Sidewalk

Element Template (Level Name) | ByLevel Weight / ByLevel Style / byLevel Color / Element Type | Example

CurbTopTunnelNew
RD_CG_CurbTopTunnelNew
1 / 0 / 45 / Linear

USE FEATURE DEFINITION: Linear\Roadway\Curb-Gutter-Sidewalk\CurbTopTunnelNew

CurbTrafficIsFaceBridge
RD_CG_CurbTrafficIsFaceBridge
0 / 4 / 93 / Linear

USE FEATURE DEFINITION: Linear\Roadway\Curb-Gutter-Sidewalk\CurbTrafficIsFaceBridge

CurbTrafficIsFaceTunnel
RD_CG_CurbTrafficIsFaceTunnel
0 / 4 / 93 / Linear

USE FEATURE DEFINITION: Linear\Roadway\Curb-Gutter-Sidewalk\CurbTrafficIsFaceTunnel

CurbTrafficIsFceBridgeNew
RD_CG_CurbTrafficIsFceBridgeNew
0 / 0 / 77 / Linear

USE FEATURE DEFINITION: Linear\Roadway\Curb-Gutter-Sidewalk\CurbTrafficIsFceBridgeNew

CurbTrafficIsFceTunnelNew
RD_CG_CurbTrafficIsFceTunnelNew
0 / 0 / 77 / Linear

USE FEATURE DEFINITION: Linear\Roadway\Curb-Gutter-Sidewalk\CurbTrafficIsFceTunnelNew

CurbTrafficIslandFace
RD_CG_CurbTrafficIslandFace
0 / 4 / 93 / Linear

USE FEATURE DEFINITION: Linear\Roadway\Curb-Gutter-Sidewalk\CurbTrafficIslandFace

CurbTrafficIslandFaceNew
RD_CG_CurbTrafficIslandFaceNew
0 / 0 / 77 / Linear

USE FEATURE DEFINITION: Linear\Roadway\Curb-Gutter-Sidewalk\CurbTrafficIslandFaceNew

S5.05 Standard Symbols (cont.)

Examples are shown at the correct size for all drawing scales printed to 11"x17" PS&E sheet, unless otherwise noted. Items flagged with an asterisk (*) are True Size items that always measure the same in ground units and their size on a print changes with the drawing scale. The scales of the True Size item examples are noted. Where noted, use the Feature Definition rather than Element Template to place feature.

Roadway - Curb-Gutter-Sidewalk

Element Template (Level Name)	ByLevel Weight | ByLevel Style byLevel Color | Element Type	Example
CurbWoodenFace RD_CG_CurbWoodenFace USE FEATURE DEFINITION: Linear\Roadway\Curb-Gutter-Sidewalk\CurbWoodenFace	0 | 4 125 | Linear	
CurbWoodenFaceNew RD_CG_CurbWoodenFaceNew USE FEATURE DEFINITION: Linear\Roadway\Curb-Gutter-Sidewalk\CurbWoodenFaceNew	0 | 4 109 | Linear	
DetectableWarningSurface RD_CG_DetectableWarningSurface USE FEATURE DEFINITION: Linear\Roadway\Curb-Gutter-Sidewalk\DetectableWarningSurface	0 | 0 125 | Linear	
DetectableWarningSurfaceNew RD_CG_DetectableWarningSurfaceNew	1 | 0 77 | Linear	
DetectableWarningSurfacePattern RD_CG_DetectableWarningSurfacePattern	0 | 0 125 | Cell	
DetectableWarningSurfacePatternNew RD_CG_DetectableWarningSurfacePatternNew	1 | 0 77 | Cell	
ExtrudedCurb RD_CG_ExtrudedCurb USE FEATURE DEFINITION: Linear\Roadway\Curb-Gutter-Sidewalk\ExtrudedCurb	0 | 4 61 | Linear	

S5.05 Standard Symbols (cont.)

Examples are shown at the correct size for all drawing scales printed to 11"x17" PS&E sheet, unless otherwise noted. Items flagged with an asterisk (*) are True Size items that always measure the same in ground units and their size on a print changes with the drawing scale. The scales of the True Size item examples are noted. Where noted, use the Feature Definition rather than Element Template to place feature.

Roadway - Curb-Gutter-Sidewalk

Element Template (Level Name) | ByLevel Weight / ByLevel Style / byLevel Color / Element Type | Example

ExtrudedCurbNew
RD_CG_ExtrudedCurbNew
1 / 0 / 45 / Linear

USE FEATURE DEFINITION: Linear\Roadway\Curb-Gutter-Sidewalk\ExtrudedCurbNew

GutterFace
RD_CG_GutterFace
0 / 4 / 157 / Linear

USE FEATURE DEFINITION: Linear\Roadway\Curb-Gutter-Sidewalk\GutterFace

GutterFaceNew
RD_CG_GutterFaceNew
1 / 0 / 141 / Linear

USE FEATURE DEFINITION: Linear\Roadway\Curb-Gutter-Sidewalk\GutterFaceNew

Joint
RD_CG_Joint
0 / 5 / 93 / Linear

USE FEATURE DEFINITION: Linear\Roadway\Curb-Gutter-Sidewalk\Joint

JointNew
RD_CG_JointNew
1 / 0 / 45 / Linear

USE FEATURE DEFINITION: Linear\Roadway\Curb-Gutter-Sidewalk\JointNew

Sidewalk
RD_CG_Sidewalk
0 / 3 / 29 / Linear

USE FEATURE DEFINITION: Linear\Roadway\Curb-Gutter-Sidewalk\Sidewalk

SidewalkBack
RD_CG_SidewalkBack
0 / 3 / 29 / Linear

USE FEATURE DEFINITION: Linear\Roadway\Curb-Gutter-Sidewalk\SidewalkBack

S5.05 Standard Symbols (cont.)

Examples are shown at the correct size for all drawing scales printed to 11"x17" PS&E sheet, unless otherwise noted. Items flagged with an asterisk (*) are True Size items that always measure the same in ground units and their size on a print changes with the drawing scale. The scales of the True Size item examples are noted. Where noted, use the Feature Definition rather than Element Template to place feature.

Roadway - Curb-Gutter-Sidewalk

Element Template (Level Name)	ByLevel Weight | ByLevel Style byLevel Color | Element Type	Example
SidewalkBackBottomNew RD_CG_SidewalkBackBottomNew USE FEATURE DEFINITION: Linear\Roadway\Curb-Gutter-Sidewalk\SidewalkBackBottomNew	0 | 0 13 | Linear	
SidewalkBackBridge RD_CG_SidewalkBackBridge USE FEATURE DEFINITION: Linear\Roadway\Curb-Gutter-Sidewalk\SidewalkBackBridge	0 | 3 29 | Linear	
SidewalkBackNew RD_CG_SidewalkBackNew USE FEATURE DEFINITION: Linear\Roadway\Curb-Gutter-Sidewalk\SidewalkBackNew	0 | 0 13 | Linear	
SidewalkBackTunnel RD_CG_SidewalkBackTunnel USE FEATURE DEFINITION: Linear\Roadway\Curb-Gutter-Sidewalk\SidewalkBackTunnel	0 | 3 29 | Linear	
SidewalkBrick RD_CG_SidewalkBrick USE FEATURE DEFINITION: Linear\Roadway\Curb-Gutter-Sidewalk\SidewalkBrick	0 | 3 29 | Linear	
SidewalkBrickNew RD_CG_SidewalkBrickNew USE FEATURE DEFINITION: Linear\Roadway\Curb-Gutter-Sidewalk\SidewalkBrickNew	1 | 0 13 | Linear	
SidewalkBridge RD_CG_SidewalkBridge USE FEATURE DEFINITION: Linear\Roadway\Curb-Gutter-Sidewalk\SidewalkBridge	0 | 3 29 | Linear	

S5.05 Standard Symbols (cont.)

Examples are shown at the correct size for all drawing scales printed to 11"x17" PS&E sheet, unless otherwise noted. Items flagged with an asterisk (*) are True Size items that always measure the same in ground units and their size on a print changes with the drawing scale. The scales of the True Size item examples are noted. Where noted, use the Feature Definition rather than Element Template to place feature.

Roadway - Curb-Gutter-Sidewalk

Element Template (Level Name) | ByLevel Weight / ByLevel Style / byLevel Color / Element Type | Example

SidewalkBridgeNew
RD_CG_SidewalkBridgeNew
1 | 0 / 13 | Linear

USE FEATURE DEFINITION: Linear\Roadway\Curb-Gutter-Sidewalk\SidewalkBridgeNew

SidewalkBufferStripNew
RD_CG_SidewalkBufferStripNew
1 | 0 / 13 | Linear

USE FEATURE DEFINITION: Linear\Roadway\Curb-Gutter-Sidewalk\SidewalkBufferStripNew

SidewalkFace
RD_CG_SidewalkFace
0 | 3 / 29 | Linear

USE FEATURE DEFINITION: Linear\Roadway\Curb-Gutter-Sidewalk\SidewalkFace

SidewalkFaceBottomNew
RD_CG_SidewalkFaceBottomNew
0 | 0 / 13 | Linear

USE FEATURE DEFINITION: Linear\Roadway\Curb-Gutter-Sidewalk\SidewalkFaceBottomNew

SidewalkFaceNew
RD_CG_SidewalkFaceNew
1 | 0 / 13 | Linear

USE FEATURE DEFINITION: Linear\Roadway\Curb-Gutter-Sidewalk\SidewalkFaceNew

SidewalkNew
RD_CG_SidewalkNew
1 | 0 / 13 | Linear

USE FEATURE DEFINITION: Linear\Roadway\Curb-Gutter-Sidewalk\SidewalkNew

SidewalkRamp
RD_CG_SidewalkRamp
0 | 4 / 61 | Linear

USE FEATURE DEFINITION: Linear\Roadway\Curb-Gutter-Sidewalk\SidewalkRamp

S5.05 Standard Symbols (cont.)

Examples are shown at the correct size for all drawing scales printed to 11"x17" PS&E sheet, unless otherwise noted. Items flagged with an asterisk (*) are True Size items that always measure the same in ground units and their size on a print changes with the drawing scale. The scales of the True Size item examples are noted. Where noted, use the Feature Definition rather than Element Template to place feature.

Roadway - Curb-Gutter-Sidewalk

Element Template (Level Name)

ByLevel Weight | ByLevel Style
byLevel Color | Element Type

Example

SidewalkRampNew
RD_CG_SidewalkRampNew
1 | 0
13 | Linear

USE FEATURE DEFINITION: Linear\Roadway\Curb-Gutter-Sidewalk\SidewalkRampNew

SidewalkTunnel
RD_CG_SidewalkTunnel
0 | 3
29 | Linear

USE FEATURE DEFINITION: Linear\Roadway\Curb-Gutter-Sidewalk\SidewalkTunnel

SidewalkTunnelNew
RD_CG_SidewalkTunnelNew
1 | 0
13 | Linear

USE FEATURE DEFINITION: Linear\Roadway\Curb-Gutter-Sidewalk\SidewalkTunnelNew

S5.05 Standard Symbols (cont.)

Examples are shown at the correct size for all drawing scales printed to 11"x17" PS&E sheet, unless otherwise noted. Items flagged with an asterisk (*) are True Size items that always measure the same in ground units and their size on a print changes with the drawing scale. The scales of the True Size item examples are noted. Where noted, use the Feature Definition rather than Element Template to place feature.

Roadway - Edges

Element Template (Level Name)	ByLevel Weight | ByLevel Style byLevel Color | Element Type	Example
AsphaltPvmntBreak RD_ED_AsphaltPvmntBreak USE FEATURE DEFINITION: Linear\Roadway\Edges\AsphaltPvmntBreak	0 | 0 154 | Linear	
BankBottomNew RD_ED_BankBottomNew	0 | 0 142 | Linear	
BankTopNew RD_ED_BankTopNew USE FEATURE DEFINITION: Linear\Roadway\Edges\BankTopNew	0 | 0 110 | Linear	
BenchNew RD_ED_BenchNew USE FEATURE DEFINITION: Linear\Roadway\Edges\BenchNew	0 | 2 154 | Linear	
BikePathEdge RD_ED_BikePathEdge USE FEATURE DEFINITION: Linear\Roadway\Edges\BikePathEdge	0 | 2 157 | Linear	
BikePathEdgeNew RD_ED_BikePathEdgeNew USE FEATURE DEFINITION: Linear\Roadway\Edges\BikePathEdgeNew	1 | 0 141 | Linear	
ClearZoneInventoryBndry RD_ED_ClearZoneInventoryBndry USE FEATURE DEFINITION: Linear\Roadway\Edges\ClearZoneInventoryBndry	0 | RD_ED_ClearZoneInventoryBndry 61 | Linear	— CZ — — CZ — — CZ — — CZ — — CZ —

S5.05 Standard Symbols (cont.)

Examples are shown at the correct size for all drawing scales printed to 11"x17" PS&E sheet, unless otherwise noted. Items flagged with an asterisk (*) are True Size items that always measure the same in ground units and their size on a print changes with the drawing scale. The scales of the True Size item examples are noted. Where noted, use the Feature Definition rather than Element Template to place feature.

Roadway - Edges

Element Template (Level Name)	ByLevel Weight | ByLevel Style byLevel Color | Element Type	Example
ConcretePvmntBreak RD_ED_ConcretePvmntBreak USE FEATURE DEFINITION: Linear\Roadway\Edges\ConcretePvmntBreak	0 | 0 154 | Linear	
ConstLimits RD_ED_ConstLimits USE FEATURE DEFINITION: Linear\Roadway\Edges\ConstLimits	0 | 0 0 | Linear	
CrownofRoad RD_ED_CrownofRoad USE FEATURE DEFINITION: Linear\Roadway\Edges\CrownofRoad	0 | 0 154 | Linear	
CutBottom RD_ED_CutBottom USE FEATURE DEFINITION: Linear\Roadway\Edges\CutBottom	0 | 0 58 | Linear	
CutLineNew RD_ED_CutLineNew USE FEATURE DEFINITION: Linear\Roadway\Edges\CutLineNew	0 | RD_ED_CutLineNew 110 | Linear	—CUT——CUT——CUT——CUT——CUT—
CutTop RD_ED_CutTop USE FEATURE DEFINITION: Linear\Roadway\Edges\CutTop	0 | 0 58 | Linear	
DrivewayEdge RD_ED_DrivewayEdge USE FEATURE DEFINITION: Linear\Roadway\Edges\DrivewayEdge	0 | 2 125 | Linear	- -

S5.05 Standard Symbols (cont.)

Examples are shown at the correct size for all drawing scales printed to 11"x17" PS&E sheet, unless otherwise noted. Items flagged with an asterisk (*) are True Size items that always measure the same in ground units and their size on a print changes with the drawing scale. The scales of the True Size item examples are noted. Where noted, use the Feature Definition rather than Element Template to place feature.

Roadway - Edges

Element Template (Level Name)	ByLevel Weight | ByLevel Style byLevel Color | Element Type	Example
DrivewayEdgeNew RD_ED_DrivewayEdgeNew USE FEATURE DEFINITION: Linear\Roadway\Edges\DrivewayEdgeNew	1 | 0 109 | Linear	
DrivewayGravelEdge RD_ED_DrivewayGravelEdge USE FEATURE DEFINITION: Linear\Roadway\Edges\DrivewayGravelEdge	0 | 5 125 | Linear	
DrivewayGravelEdgeNew RD_ED_DrivewayGravelEdgeNew USE FEATURE DEFINITION: Linear\Roadway\Edges\DrivewayGravelEdgeNew	0 | 0 109 | Linear	
DrivewayPavedEdge RD_ED_DrivewayPavedEdge USE FEATURE DEFINITION: Linear\Roadway\Edges\DrivewayPavedEdge	0 | 2 125 | Linear	
DrivewayPavedEdgeNew RD_ED_DrivewayPavedEdgeNew USE FEATURE DEFINITION: Linear\Roadway\Edges\DrivewayPavedEdgeNew	0 | 0 109 | Linear	
ETWAnglePtNew RD_ED_ETWAnglePtNew USE FEATURE DEFINITION: Linear\Template Points\ETW\ETWAnglePtNew	2 | 0 13 | Linear	
FillLineNew RD_ED_FillLineNew USE FEATURE DEFINITION: Linear\Roadway\Edges\FillLineNew	0 | RD_ED_FillLineNew 142 | Linear	—FILL——FILL——FILL——FILL——FILL—

S5.05 Standard Symbols (cont.)

Examples are shown at the correct size for all drawing scales printed to 11"x17" PS&E sheet, unless otherwise noted. Items flagged with an asterisk (*) are True Size items that always measure the same in ground units and their size on a print changes with the drawing scale. The scales of the True Size item examples are noted. Where noted, use the Feature Definition rather than Element Template to place feature.

Roadway - Edges

Element Template (Level Name)	ByLevel Weight | ByLevel Style byLevel Color | Element Type	Example
FillToe RD_ED_FillToe USE FEATURE DEFINITION: Linear\Roadway\Edges\FillToe	0 | 0 90 | Linear	
FillTop RD_ED_FillTop USE FEATURE DEFINITION: Linear\Roadway\Edges\FillTop	0 | 0 90 | Linear	
GenericEdgeGravel RD_ED_GenericEdgeGravel USE FEATURE DEFINITION: Linear\Roadway\Edges\GenericEdgeGravel	0 | 5 125 | Linear	
GenericEdgeNew RD_ED_GenericEdgeNew USE FEATURE DEFINITION: Linear\Roadway\Edges\GenericEdgeNew	1 | 0 109 | Linear	
GenericEdgePaved RD_ED_GenericEdgePaved USE FEATURE DEFINITION: Linear\Roadway\Edges\GenericEdgePaved	0 | 2 125 | Linear	
InsidePavedShoulderNew RD_ED_InsidePavedShoulderNew USE FEATURE DEFINITION: Linear\Roadway\Edges\InsidePavedShoulderNew	1 | 0 77 | Linear	
LaneEdgeNew RD_ED_LaneEdgeNew USE FEATURE DEFINITION: Linear\Roadway\Edges\LaneEdgeNew	1 | 0 45 | Linear	

S5.05 Standard Symbols (cont.)

Examples are shown at the correct size for all drawing scales printed to 11"x17" PS&E sheet, unless otherwise noted. Items flagged with an asterisk (*) are True Size items that always measure the same in ground units and their size on a print changes with the drawing scale. The scales of the True Size item examples are noted. Where noted, use the Feature Definition rather than Element Template to place feature.

Roadway - Edges

Element Template (Level Name)	ByLevel Weight | ByLevel Style byLevel Color | Element Type	Example
LevelCrseShldNew RD_ED_LevelCrseShldNew	1 | 0 77 | Linear	
MaintenanceAccessArea RD_ED_MaintenanceAccessArea USE FEATURE DEFINITION: Linear\Roadway\Edges\MaintenanceAccessArea	2 | 0 3 | Linear	
MeasurementLimit RD_ED_MeasurementLimit USE FEATURE DEFINITION: Linear\Roadway\Edges\MeasurementLimit	0 | 0 78 | Linear	
MedianGrassNew RD_ED_MedianGrassNew	0 | 0 109 | Linear	
MedianHMANew RD_ED_MedianHMANew	0 | 0 109 | Linear	
PavedAreaNew RD_ED_PavedAreaNew USE FEATURE DEFINITION: Linear\Roadway\Edges\PavedAreaNew	1 | 0 141 | Linear	
PavedParkingAreaNew RD_ED_PavedParkingAreaNew USE FEATURE DEFINITION: Linear\Roadway\Edges\PavedParkingAreaNew	1 | 0 141 | Linear	

S5.05 Standard Symbols (cont.)

Examples are shown at the correct size for all drawing scales printed to 11"x17" PS&E sheet, unless otherwise noted. Items flagged with an asterisk (*) are True Size items that always measure the same in ground units and their size on a print changes with the drawing scale. The scales of the True Size item examples are noted. Where noted, use the Feature Definition rather than Element Template to place feature.

Roadway - Edges

Element Template (Level Name) | ByLevel Weight / byLevel Color | ByLevel Style / Element Type | Example

PavementRemovalBndry
RD_ED_PavementRemovalBndry
2 | RD_ED_PavementRemovalBndry
141 | Linear

USE FEATURE DEFINITION: Linear\Roadway\Edges\PavementRemovalBndry

PavementRepairBndry
RD_ED_PavementRepairBndry
2 | RD_ED_PavementRepairBndry
141 | Linear

USE FEATURE DEFINITION: Linear\Roadway\Edges\PavementRepairBndry

PedPathEdge
RD_ED_PedPathEdge
0 | 2
157 | Linear

USE FEATURE DEFINITION: Linear\Roadway\Edges\PedPathEdge

PedPathEdgeNew
RD_ED_PedPathEdgeNew
1 | 0
141 | Linear

USE FEATURE DEFINITION: Linear\Roadway\Edges\PedPathEdgeNew

PvmntBreakBridge
RD_ED_PvmntBreakBridge
0 | 0
154 | Linear

USE FEATURE DEFINITION: Linear\Roadway\Edges\PvmntBreakBridge

PvmntBreakTunnel
RD_ED_PvmntBreakTunnel
0 | 0
154 | Linear

USE FEATURE DEFINITION: Linear\Roadway\Edges\PvmntBreakTunnel

RoadwayETWGravel
RD_ED_RoadwayETWGravel
0 | 5
29 | Linear

USE FEATURE DEFINITION: Linear\Roadway\Edges\RoadwayETWGravel

S5.05 Standard Symbols (cont.)

Examples are shown at the correct size for all drawing scales printed to 11"x17" PS&E sheet, unless otherwise noted. Items flagged with an asterisk (*) are True Size items that always measure the same in ground units and their size on a print changes with the drawing scale. The scales of the True Size item examples are noted. Where noted, use the Feature Definition rather than Element Template to place feature.

Roadway - Edges

Element Template (Level Name)	ByLevel Weight | ByLevel Style byLevel Color | Element Type	Example
RoadwayETWGravelNew RD_ED_RoadwayETWGravelNew USE FEATURE DEFINITION: Linear\Roadway\Edges\RoadwayETWGravelNew	1 | 0 13 | Linear	
RoadwayETWPaved RD_ED_RoadwayETWPaved USE FEATURE DEFINITION: Linear\Roadway\Edges\RoadwayETWPaved	0 | 2 29 | Linear	
RoadwayETWPavedNew RD_ED_RoadwayETWPavedNew USE FEATURE DEFINITION: Linear\Roadway\Edges\RoadwayETWPavedNew	1 | 0 13 | Linear	
RumbleStrip RD_MK_RumbleStrip USE FEATURE DEFINITION: Linear\Roadway\Edges\RumbleStrip	0 | RD_MK_RumbleStrip 29 | Linear	
RumbleStripNew RD_MK_RumbleStripNew USE FEATURE DEFINITION: Linear\Roadway\Edges\RumbleStripNew	0 | RD_MK_RumbleStripNew 13 | Linear	
Sawcut RD_ED_Sawcut USE FEATURE DEFINITION: Linear\Roadway\Edges\Sawcut	0 | RD_ED_Sawcut 157 | Linear	– SAW — — SAW — — SAW —
SawcutNew RD_ED_SawcutNew USE FEATURE DEFINITION: Linear\Roadway\Edges\SawcutNew	0 | RD_ED_SawcutNew 141 | Linear	– SAW ——— SAW ——— SAW ——

S5.05 Standard Symbols (cont.)

Examples are shown at the correct size for all drawing scales printed to 11"x17" PS&E sheet, unless otherwise noted. Items flagged with an asterisk (*) are True Size items that always measure the same in ground units and their size on a print changes with the drawing scale. The scales of the True Size item examples are noted. Where noted, use the Feature Definition rather than Element Template to place feature.

Roadway - Edges

Element Template (Level Name)	ByLevel Weight | ByLevel Style byLevel Color | Element Type	Example
ShoulderBSTEdge RD_ED_ShoulderBSTEdge USE FEATURE DEFINITION: Linear\Roadway\Edges\ShoulderBSTEdge	0 | 2 93 | Linear	
ShoulderGravelEdge RD_ED_ShoulderGravelEdge USE FEATURE DEFINITION: Linear\Roadway\Edges\ShoulderGravelEdge	0 | 5 93 | Linear	
ShoulderGravelEdgeNew RD_ED_ShoulderGravelEdgeNew USE FEATURE DEFINITION: Linear\Roadway\Edges\ShoulderGravelEdgeNew	1 | 0 77 | Linear	
ShoulderPavedEdge RD_ED_ShoulderPavedEdge USE FEATURE DEFINITION: Linear\Roadway\Edges\ShoulderPavedEdge	0 | 2 93 | Linear	
ShoulderPavedEdgeNew RD_ED_ShoulderPavedEdgeNew USE FEATURE DEFINITION: Linear\Roadway\Edges\ShoulderPavedEdgeNew	1 | 0 77 | Linear	
ShoulderWidenNew RD_ED_ShoulderWidenNew USE FEATURE DEFINITION: Linear\Roadway\Edges\ShoulderWidenNew	1 | 0 77 | Linear	
SlopeBreakNew RD_ED_SlopeBreakNew USE FEATURE DEFINITION: Linear\Roadway\Edges\SlopeBreakNew	1 | 0 77 | Linear	

S5.05 Standard Symbols (cont.)

Examples are shown at the correct size for all drawing scales printed to 11"x17" PS&E sheet, unless otherwise noted. Items flagged with an asterisk (*) are True Size items that always measure the same in ground units and their size on a print changes with the drawing scale. The scales of the True Size item examples are noted. Where noted, use the Feature Definition rather than Element Template to place feature.

Roadway - Edges

Element Template (Level Name)	ByLevel Weight | ByLevel Style byLevel Color | Element Type	Example
SlopeStakeLimitGenericNew RD_ED_SlopeStakeLimitGenericNew USE FEATURE DEFINITION: Linear\Roadway\Edges\SlopeStakeLimitGenericNew	0 | 0 78 | Linear	
StressFracture RD_ED_StressFracture USE FEATURE DEFINITION: Linear\Roadway\Edges\StressFracture	0 | 0 154 | Linear	
SubgradeShoulderNew RD_ED_SubgradeShoulderNew	1 | 0 77 | Linear	

S5.05 Standard Symbols (cont.)

Examples are shown at the correct size for all drawing scales printed to 11"x17" PS&E sheet, unless otherwise noted. Items flagged with an asterisk (*) are True Size items that always measure the same in ground units and their size on a print changes with the drawing scale. The scales of the True Size item examples are noted. Where noted, use the Feature Definition rather than Element Template to place feature.

Roadway – Markings – Striping

Element Template (Level Name) | ByLevel Weight / byLevel Color | ByLevel Style / Element Type | Example

CrosswalkBar10FtLane
RD_MK_LineCrosswalkBar10FtLane
4 / 29 | RD_MK_LineCrossWalkBar10FtLane / Linear



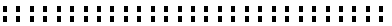
USE FEATURE DEFINITION: Linear\Roadway\Markings\Striping\CrosswalkBar10Ft

CrosswalkBar10FtLaneNew
RD_MK_LineCrosswalkBar10FtLaneNew
4 / 0 | RD_MK_LineCrossWalkBar10FtLaneNew / Linear



USE FEATURE DEFINITION: Linear\Roadway\Markings\Striping\CrosswalkBar10FtNew

CrosswalkBar12FtLane
RD_MK_LineCrosswalkBar12FtLane
4 / 29 | RD_MK_LineCrossWalkBar12FtLane / Linear



USE FEATURE DEFINITION: Linear\Roadway\Markings\Striping\CrosswalkBar12Ft

CrosswalkBar12FtLaneNew
RD_MK_LineCrosswalkBar12FtLaneNew
4 / 0 | RD_MK_LineCrossWalkBar12FtLaneNew / Linear



USE FEATURE DEFINITION: Linear\Roadway\Markings\Striping\CrosswalkBar12FtNew

LineBarrier
RD_MK_LineBarrier
5 / 29 | 2 / Linear

USE FEATURE DEFINITION: Linear\Roadway\Markings\Striping\LineBarrier

LineBarrierNew
RD_MK_LineBarrierNew
5 / 0 | 0 / Linear

USE FEATURE DEFINITION: Linear\Roadway\Markings\Striping\LineBarrierNew

LineCrosswalk
RD_MK_LineCrosswalk
4 / 29 | 2 / Linear

USE FEATURE DEFINITION: Linear\Roadway\Markings\Striping\LineCrosswalk

S5.05 Standard Symbols (cont.)

Examples are shown at the correct size for all drawing scales printed to 11"x17" PS&E sheet, unless otherwise noted. Items flagged with an asterisk (*) are True Size items that always measure the same in ground units and their size on a print changes with the drawing scale. The scales of the True Size item examples are noted. Where noted, use the Feature Definition rather than Element Template to place feature.

Roadway – Markings – Striping

Element Template (Level Name)	ByLevel Weight | ByLevel Style byLevel Color | Element Type	Example
LineCrosswalkNew RD_MK_LineCrosswalkNew USE FEATURE DEFINITION: Linear\Roadway\Markings\Striping\LineCrosswalkNew	4 | 0 0 | Linear	
LineDblLane * RD_MK_LineDblLane USE FEATURE DEFINITION: Linear\Roadway\Markings\Striping\LineDblLane	0 | RD_MK_LineDblLane 29 | Linear	
LineDblLaneNew * RD_MK_LineDblLaneNew USE FEATURE DEFINITION: Linear\Roadway\Markings\Striping\LineDblLaneNew	2 | RD_MK_LineDblLaneNew 0 | Linear	
LineDblYellowCenter * RD_MK_LineDblYellowCenter USE FEATURE DEFINITION: Linear\Roadway\Markings\Striping\LineDblYellowCenter	0 | RD_MK_LineDblYellowCenter 29 | Linear	
LineDblYellowCenterNew * RD_MK_LineDblYellowCenterNew USE FEATURE DEFINITION: Linear\Roadway\Markings\Striping\LineDblYellowCenterNew	2 | RD_MK_LineDblYellowCenterNew 4 | Linear	
LineDottedExtension RD_MK_LineDottedExtension USE FEATURE DEFINITION: Linear\Roadway\Markings\Striping\LineDottedExtension	1 | 5 29 | Linear	
LineDottedExtensionNew * RD_MK_LineDottedExtensionNew USE FEATURE DEFINITION: Linear\Roadway\Markings\Striping\LineDottedExtensionNew	2 | RD_MK_LineDottedExtensionNew 0 | Linear	

S5.05 Standard Symbols (cont.)

Examples are shown at the correct size for all drawing scales printed to 11"x17" PS&E sheet, unless otherwise noted. Items flagged with an asterisk (*) are True Size items that always measure the same in ground units and their size on a print changes with the drawing scale. The scales of the True Size item examples are noted. Where noted, use the Feature Definition rather than Element Template to place feature.

Roadway – Markings – Striping

Element Template (Level Name)	ByLevel Weight | ByLevel Style byLevel Color | Element Type	Example
LineDottedWide RD_MK_LineDottedWide USE FEATURE DEFINITION: Linear\Roadway\Markings\Striping\LineDottedWide	3 | 5 29 | Linear	
LineDottedWideNew * RD_MK_LineDottedWideNew USE FEATURE DEFINITION: Linear\Roadway\Markings\Striping\LineDottedWideNew	3 | RD_MK_LineDottedWideNew 0 | Linear	
LineDropLane RD_MK_LineDropLane USE FEATURE DEFINITION: Linear\Roadway\Markings\Striping\LineDropLane	1 | 2 29 | Linear	
LineDropLaneNew * RD_MK_LineDropLaneNew USE FEATURE DEFINITION: Linear\Roadway\Markings\Striping\LineDropLaneNew	2 | RD_MK_LineDropLaneNew 0 | Linear	
LineEdgeWhite * RD_MK_LineEdgeWhite USE FEATURE DEFINITION: Linear\Roadway\Markings\Striping\LineEdgeWhite	1 | RD_MK_LineEdgeWhite 29 | Linear	
LineEdgeWhiteNew RD_MK_LineEdgeWhiteNew USE FEATURE DEFINITION: Linear\Roadway\Markings\Striping\LineEdgeWhiteNew	2 | 0 0 | Linear	
LineEdgeYellow * RD_MK_LineEdgeYellow USE FEATURE DEFINITION: Linear\Roadway\Markings\Striping\LineEdgeYellow	1 | RD_MK_LineEdgeYellow 29 | Linear	

S5.05 Standard Symbols (cont.)

Examples are shown at the correct size for all drawing scales printed to 11"x17" PS&E sheet, unless otherwise noted. Items flagged with an asterisk (*) are True Size items that always measure the same in ground units and their size on a print changes with the drawing scale. The scales of the True Size item examples are noted. Where noted, use the Feature Definition rather than Element Template to place feature.

Roadway – Markings – Striping

Element Template (Level Name)	ByLevel Weight | ByLevel Style byLevel Color | Element Type	Example
LineEdgeYellowNew RD_MK_LineEdgeYellowNew USE FEATURE DEFINITION: Linear\Roadway\Markings\Striping\LineEdgeYellowNew	2 | 0 4 | Linear	
LineGeneric RD_MK_LineGeneric USE FEATURE DEFINITION: Linear\Roadway\Markings\Striping\LineGeneric	1 | 3 29 | Linear	
LineGenericNew RD_MK_LineGenericNew USE FEATURE DEFINITION: Linear\Roadway\Markings\Striping\LineGenericNew	2 | 0 0 | Linear	
LineLane * RD_MK_LineLane USE FEATURE DEFINITION: Linear\Roadway\Markings\Striping\LineLane	1 | RD_MK_LineLane 29 | Linear	
LineLaneNew * RD_MK_LineLaneNew USE FEATURE DEFINITION: Linear\Roadway\Markings\Striping\LineLaneNew	2 | RD_MK_LineLaneNew 0 | Linear	
LineNoPass * RD_MK_LineNoPass USE FEATURE DEFINITION: Linear\Roadway\Markings\Striping\LineNoPass	1 | RD_MK_LineNoPass 29 | Linear	
LineNoPassNew * RD_MK_LineNoPassNew USE FEATURE DEFINITION: Linear\Roadway\Markings\Striping\LineNoPassNew	2 | RD_MK_LineNoPassNew 4 | Linear	

S5.05 Standard Symbols (cont.)

Examples are shown at the correct size for all drawing scales printed to 11"x17" PS&E sheet, unless otherwise noted. Items flagged with an asterisk (*) are True Size items that always measure the same in ground units and their size on a print changes with the drawing scale. The scales of the True Size item examples are noted. Where noted, use the Feature Definition rather than Element Template to place feature.

Roadway - Markings - Striping

Element Template (Level Name)	ByLevel Weight | ByLevel Style byLevel Color | Element Type	Example
LineReversibleLane * RD_MK_LineReversibleLane USE FEATURE DEFINITION: Linear\Roadway\Markings\Striping\LineReversibleLane	1 | RD_MK_LineReversibleLane 29 | Linear	
LineReversibleLaneNew * RD_MK_LineReversibleLaneNew USE FEATURE DEFINITION: Linear\Roadway\Markings\Striping\LineReversibleLaneNew	2 | RD_MK_LineReversibleLaneNew 4 | Linear	
LineRPMSkip * RD_MK_LineRPMSkip USE FEATURE DEFINITION: Linear\Roadway\Markings\Striping\LineRPMSkip	1 | RD_MK_LineRPMSkip 29 | Linear	
LineRPMSkipNew * RD_MK_LineRPMSkipNew USE FEATURE DEFINITION: Linear\Roadway\Markings\Striping\LineRPMSkipNew	2 | RD_MK_LineRPMSkipNew 0 | Linear	
LineRPMSolid * RD_MK_LineRPMSolid USE FEATURE DEFINITION: Linear\Roadway\Markings\Striping\LineRPMSolid	1 | RD_MK_LineRPMSolid 29 | Linear	
LineRPMSolidNew * RD_MK_LineRPMSolidNew USE FEATURE DEFINITION: Linear\Roadway\Markings\Striping\LineRPMSolidNew	2 | RD_MK_LineRPMSolidNew 0 | Linear	
LineSkipCenter * RD_MK_LineSkipCenter USE FEATURE DEFINITION: Linear\Roadway\Markings\Striping\LineSkipCenter	1 | RD_MK_LineSkipCenter 29 | Linear	

S5.05 Standard Symbols (cont.)

Examples are shown at the correct size for all drawing scales printed to 11"x17" PS&E sheet, unless otherwise noted. Items flagged with an asterisk (*) are True Size items that always measure the same in ground units and their size on a print changes with the drawing scale. The scales of the True Size item examples are noted. Where noted, use the Feature Definition rather than Element Template to place feature.

Roadway - Markings - Striping

Element Template (Level Name)	ByLevel Weight | ByLevel Style byLevel Color | Element Type	Example
LineSkipCenterNew * RD_MK_LineSkipCenterNew USE FEATURE DEFINITION: Linear\Roadway\Markings\Striping\LineSkipCenterNew	2 | RD_MK_LineSkipCenterNew 4 | Linear	
LineSkipWide * RD_MK_LineSkipWide USE FEATURE DEFINITION: Linear\Roadway\Markings\Striping\LineSkipWide	3 | RD_MK_LineSkipWide 29 | Linear	
LineSkipWideNew * RD_MK_LineSkipWideNew USE FEATURE DEFINITION: Linear\Roadway\Markings\Striping\LineSkipWideNew	3 | RD_MK_LineSkipWideNew 0 | Linear	
LineStop RD_MK_LineStop USE FEATURE DEFINITION: Linear\Roadway\Markings\Striping\LineStop	4 | 2 29 | Linear	
LineStopNew RD_MK_LineStopNew USE FEATURE DEFINITION: Linear\Roadway\Markings\Striping\LineStopNew	4 | 0 0 | Linear	
LineTwoWayLTTurn * RD_MK_LineTwoWayLTTurn USE FEATURE DEFINITION: Linear\Roadway\Markings\Striping\LineTwoWayLTTurn	1 | RD_MK_LineTwoWayLtTurn 29 | Linear	
LineTwoWayLTTurnNew * RD_MK_LineTwoWayLTTurnNew USE FEATURE DEFINITION: Linear\Roadway\Markings\Striping\LineTwoWayLTTurnNew	2 | RD_MK_LineTwoWayLtTurnNew 4 | Linear	

S5.05 Standard Symbols (cont.)

Examples are shown at the correct size for all drawing scales printed to 11"x17" PS&E sheet, unless otherwise noted. Items flagged with an asterisk (*) are True Size items that always measure the same in ground units and their size on a print changes with the drawing scale. The scales of the True Size item examples are noted. Where noted, use the Feature Definition rather than Element Template to place feature.

Roadway – Markings – Striping

Element Template (Level Name)	ByLevel Weight | ByLevel Style byLevel Color | Element Type	Example
LineWide RD_MK_LineWide USE FEATURE DEFINITION: Linear\Roadway\Markings\Striping\LineWide	3 | 2 29 | Linear	
LineWideDottedRACircLane * RD_MK_LineWideDottedRACircLane USE FEATURE DEFINITION: Linear\Roadway\Markings\Striping\LineWideDottedRACircLane	3 | RD_MK_LineWideDottedRACircLane 29 | Linear	
LineWideDottedRACircLaneNew * RD_MK_LineWideDottedRACircLaneNew USE FEATURE DEFINITION: Linear\Roadway\Markings\Striping\LineWideDottedRACircLaneNew	3 | RD_MK_LineWideDottedRACircLaneNew 0 | Linear	
LineWideDottedRAEntry * RD_MK_LineWideDottedRAEntry USE FEATURE DEFINITION: Linear\Roadway\Markings\Striping\LineWideDottedRAEntry	3 | RD_MK_LineWideDottedRAEntry 29 | Linear	
LineWideDottedRAEntryNew * RD_MK_LineWideDottedRAEntryNew USE FEATURE DEFINITION: Linear\Roadway\Markings\Striping\LineWideDottedRAEntryNew	3 | RD_MK_LineWideDottedRAEntryNew 0 | Linear	
LineWideDottedRAExtenNew * RD_MK_LineWideDottedRAExtenNew USE FEATURE DEFINITION: Linear\Roadway\Markings\Striping\LineWideDottedRAExtenNew	3 | RD_MK_LineWideDottedRAExtenNew 0 | Linear	
LineWideDottedRAExtension * RD_MK_LineWideDottedRAExtension USE FEATURE DEFINITION: Linear\Roadway\Markings\Striping\LineWideDottedRAExtension	3 | RD_MK_LineWideDottedRAExtension 29 | Linear	

S5.05 Standard Symbols (cont.)

Examples are shown at the correct size for all drawing scales printed to 11"x17" PS&E sheet, unless otherwise noted. Items flagged with an asterisk (*) are True Size items that always measure the same in ground units and their size on a print changes with the drawing scale. The scales of the True Size item examples are noted. Where noted, use the Feature Definition rather than Element Template to place feature.

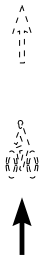
Roadway - Markings - Striping

Element Template (Level Name)	ByLevel Weight | ByLevel Style byLevel Color | Element Type	Example
LineWideNew RD_MK_LineWideNew USE FEATURE DEFINITION: Linear\Roadway\Markings\Striping\LineWideNew	3 | 0 0 | Linear	
RaisedPvmntMarkerType1 * RD_MK_RaisedPvmntMarkerType1 Scale shown at : 10:1	0 | 0 29 | Cell	
RaisedPvmntMarkerType1New * RD_MK_RaisedPvmntMarkerType1New Scale shown at : 10:1	1 | 0 13 | Cell	
RaisedPvmntMarkerType2 * RD_MK_RaisedPvmntMarkerType2 Scale shown at : 10:1	0 | 0 29 | Cell	
RaisedPvmntMarkerType2New * RD_MK_RaisedPvmntMarkerType2New Scale shown at : 10:1	1 | 0 13 | Cell	
RaisedPvmntMarkerType3 * RD_MK_RaisedPvmntMarkerType3 Scale shown at : 10:1	0 | 0 29 | Cell	
RaisedPvmntMarkerType3New * RD_MK_RaisedPvmntMarkerType3New Scale shown at : 10:1	1 | 0 13 | Cell	

S5.05 Standard Symbols (cont.)

Examples are shown at the correct size for all drawing scales printed to 11"x17" PS&E sheet, unless otherwise noted. Items flagged with an asterisk (*) are True Size items that always measure the same in ground units and their size on a print changes with the drawing scale. The scales of the True Size item examples are noted. Where noted, use the Feature Definition rather than Element Template to place feature.

Roadway - Markings - Symbols

Element Template (Level Name)	ByLevel Weight | ByLevel Style byLevel Color | Element Type	Example
AerialSurvIncMarkFull * RD_MK_AerialSurvIncMarkFull Scale shown at : 20:1	0 | 2 0 | Cell	
AerialSurvIncMarkFullNew * RD_MK_AerialSurvIncMarkFullNew Scale shown at : 20:1	0 | 0 0 | Cell	
AerialSurvIncMarkHalf * RD_MK_AerialSurvIncMarkHalf Scale shown at : 20:1	0 | 2 0 | Cell	
AerialSurvIncMarkHalfNew * RD_MK_AerialSurvIncMarkHalfNew Scale shown at : 20:1	0 | 0 0 | Cell	
BikeSymb * RD_MK_BikeSymb USE FEATURE DEFINITION: Point\Roadway\Markings\Symbols\BikeSymb Scale shown at : 20:1	0 | 2 0 | Cell	
BikeSymbArrow * RD_MK_BikeSymbArrow USE FEATURE DEFINITION: Point\Roadway\Markings\Symbols\BikeSymbArrow Scale shown at : 20:1	0 | 2 0 | Cell	
BikeSymbArrowNew * RD_MK_BikeSymbArrowNew USE FEATURE DEFINITION: Point\Roadway\Markings\Symbols\BikeSymbArrowNew Scale shown at : 20:1	0 | 0 0 | Cell	

S5.05 Standard Symbols (cont.)

Examples are shown at the correct size for all drawing scales printed to 11"x17" PS&E sheet, unless otherwise noted. Items flagged with an asterisk (*) are True Size items that always measure the same in ground units and their size on a print changes with the drawing scale. The scales of the True Size item examples are noted. Where noted, use the Feature Definition rather than Element Template to place feature.

Roadway - Markings - Symbols

Element Template (Level Name) | ByLevel Weight / ByLevel Style / byLevel Color / Element Type | Example

BikeSymbNew *
RD_MK_BikeSymbNew
0 | 0 / 0 | Cell



USE FEATURE DEFINITION: Point\Roadway\Markings\Symbols\BikeSymbNew
Scale shown at : 20:1

DrainageMark *
RD_MK_DrainageMark
0 | 2 / 29 | Cell

USE FEATURE DEFINITION: Point\Roadway\Markings\Symbols\DrainageMark
Scale shown at : 20:1

DrainageMarkInlet *
RD_MK_DrainageMarkInlet
0 | 2 / 29 | Cell



USE FEATURE DEFINITION: Point\Roadway\Markings\Symbols\DrainageMarkInlet
Scale shown at : 20:1

DrainageMarkInletNew *
RD_MK_DrainageMarkInletNew
0 | 0 / 13 | Cell



USE FEATURE DEFINITION: Point\Roadway\Markings\Symbols\DrainageMarkInletNew
Scale shown at : 20:1

DrainageMarkNew *
RD_MK_DrainageMarkNew
0 | 0 / 13 | Cell

USE FEATURE DEFINITION: Point\Roadway\Markings\Symbols\DrainageMarkNew
Scale shown at : 20:1

HCapParkingSymb *
RD_MK_HCapParkingSymb
0 | 2 / 0 | Cell



USE FEATURE DEFINITION: Point\Roadway\Markings\Symbols\HCapParkingSymb
Scale shown at : 20:1

HCapParkingSymbNew *
RD_MK_HCapParkingSymbNew
0 | 0 / 0 | Cell

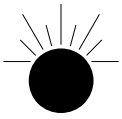


USE FEATURE DEFINITION: Point\Roadway\Markings\Symbols\HCapParkingSymbNew
Scale shown at : 20:1

S5.05 Standard Symbols (cont.)

Examples are shown at the correct size for all drawing scales printed to 11"x17" PS&E sheet, unless otherwise noted. Items flagged with an asterisk (*) are True Size items that always measure the same in ground units and their size on a print changes with the drawing scale. The scales of the True Size item examples are noted. Where noted, use the Feature Definition rather than Element Template to place feature.

Roadway - Markings - Symbols

Element Template (Level Name)	ByLevel Weight | ByLevel Style / byLevel Color | Element Type	Example
HOVSymb * RD_MK_HOVSymb USE FEATURE DEFINITION: Point\Roadway\Markings\Symbols\HOVSymb Scale shown at : 20:1	0 | 2 / 0 | Cell	
HOVSymbNew * RD_MK_HOVSymbNew USE FEATURE DEFINITION: Point\Roadway\Markings\Symbols\HOVSymbNew Scale shown at : 20:1	1 | 0 / 0 | Cell	
JBoxMark * RD_MK_JBoxMark USE FEATURE DEFINITION: Point\Roadway\Markings\Symbols\JBoxMark Scale shown at : 20:1	0 | 2 / 29 | Cell	
JBoxMarkNew * RD_MK_JBoxMarkNew USE FEATURE DEFINITION: Point\Roadway\Markings\Symbols\JBoxMarkNew Scale shown at : 20:1	0 | 0 / 13 | Cell	
ONLYSymb * RD_MK_ONLYSymb USE FEATURE DEFINITION: Point\Roadway\Markings\Symbols\OnlySymb Scale shown at : 20:1	0 | 2 / 0 | Cell	
ONLYSymbNew * RD_MK_ONLYSymbNew USE FEATURE DEFINITION: Point\Roadway\Markings\Symbols\OnlySymbNew Scale shown at : 20:1	0 | 0 / 0 | Cell	
PostSgnl * RD_MK_PostSgnl USE FEATURE DEFINITION: Point\Roadway\Markings\Symbols\PostSgnl Scale shown at : 20:1	0 | 0 / 29 | Cell	

S5.05 Standard Symbols (cont.)

Examples are shown at the correct size for all drawing scales printed to 11"x17" PS&E sheet, unless otherwise noted. Items flagged with an asterisk (*) are True Size items that always measure the same in ground units and their size on a print changes with the drawing scale. The scales of the True Size item examples are noted. Where noted, use the Feature Definition rather than Element Template to place feature.

Roadway – Markings – Symbols

Element Template (Level Name)	ByLevel Weight | ByLevel Style byLevel Color | Element Type	Example
RRSymb * RD_MK_RRSymb USE FEATURE DEFINITION: Point\Roadway\Markings\Symbols\RRSymb Scale shown at : 100:1	0 | 2 0 | Cell	
RRSymbAlt * RD_MK_RRSymbAlt USE FEATURE DEFINITION: Point\Roadway\Markings\Symbols\RRSymbAlt Scale shown at : 100:1	0 | 2 0 | Cell	
RRSymbAltNew * RD_MK_RRSymbAltNew USE FEATURE DEFINITION: Point\Roadway\Markings\Symbols\RRSymbAltNew Scale shown at : 100:1	1 | 0 0 | Cell	
RRSymbNew * RD_MK_RRSymbNew USE FEATURE DEFINITION: Point\Roadway\Markings\Symbols\RRSymbNew Scale shown at : 100:1	1 | 0 0 | Cell	
SharedLaneSymb * RD_MK_SharedLaneSymb USE FEATURE DEFINITION: Point\Roadway\Markings\Symbols\SharedLaneSymb Scale shown at : 20:1	0 | 2 0 | Cell	
SharedLaneSymbNew * RD_MK_SharedLaneSymbNew USE FEATURE DEFINITION: Point\Roadway\Markings\Symbols\SharedLaneSymbNew Scale shown at : 20:1	0 | 0 0 | Cell	
TrafficArrowRATypeL * RD_MK_TrafficArrowRATypeL USE FEATURE DEFINITION: Point\Roadway\Markings\Symbols\TrafficArrowRATypeL Scale shown at : 20:1	0 | 2 0 | Cell	

S5.05 Standard Symbols (cont.)

Examples are shown at the correct size for all drawing scales printed to 11"x17" PS&E sheet, unless otherwise noted. Items flagged with an asterisk (*) are True Size items that always measure the same in ground units and their size on a print changes with the drawing scale. The scales of the True Size item examples are noted. Where noted, use the Feature Definition rather than Element Template to place feature.

Roadway - Markings - Symbols

Element Template (Level Name) | ByLevel Weight / ByLevel Style / byLevel Color / Element Type | Example

TrafficArrowRATypeLC *
RD_MK_TrafficArrowRATypeLC
0 / 2 / 0 / Cell

USE FEATURE DEFINITION: Point\Roadway\Markings\Symbols\TrafficArrowRATypeLC
Scale shown at : 20:1



TrafficArrowRATypeLR *
RD_MK_TrafficArrowRATypeLR
0 / 2 / 0 / Cell

USE FEATURE DEFINITION: Point\Roadway\Markings\Symbols\TrafficArrowRATypeLR
Scale shown at : 20:1



TrafficArrowRATypeLRC *
RD_MK_TrafficArrowRATypeLRC
0 / 2 / 0 / Cell

USE FEATURE DEFINITION: Point\Roadway\Markings\Symbols\TrafficArrowRATypeLRC
Scale shown at : 20:1



TrafficArrowRATypeLT *
RD_MK_TrafficArrowRATypeLT
0 / 2 / 0 / Cell

USE FEATURE DEFINITION: Point\Roadway\Markings\Symbols\TrafficArrowRATypeLT
Scale shown at : 20:1



S5.05 Standard Symbols (cont.)

Examples are shown at the correct size for all drawing scales printed to 11"x17" PS&E sheet, unless otherwise noted. Items flagged with an asterisk (*) are True Size items that always measure the same in ground units and their size on a print changes with the drawing scale. The scales of the True Size item examples are noted. Where noted, use the Feature Definition rather than Element Template to place feature.

Roadway - Markings - Symbols

Element Template (Level Name) | ByLevel Weight / ByLevel Style / byLevel Color / Element Type | Example

TrafficArrowRATypeLTC *
RD_MK_TrafficArrowRATypeLTC
0 | 2
0 | Cell

USE FEATURE DEFINITION: Point\Roadway\Markings\Symbols\TrafficArrowRATypeLTC
Scale shown at : 20:1



TrafficArrowRATypeLTR *
RD_MK_TrafficArrowRATypeLTR
0 | 2
0 | Cell

USE FEATURE DEFINITION: Point\Roadway\Markings\Symbols\TrafficArrowRATypeLTR
Scale shown at : 20:1



TrafficArrowRATypeLTRC *
RD_MK_TrafficArrowRATypeLTRC
0 | 2
0 | Cell

USE FEATURE DEFINITION: Point\Roadway\Markings\Symbols\TrafficArrowRATypeLTRC
Scale shown at : 20:1



TrafficArrowRATypeT *
RD_MK_TrafficArrowRATypeT
0 | 2
0 | Cell

USE FEATURE DEFINITION: Point\Roadway\Markings\Symbols\TrafficArrowRATypeT
Scale shown at : 20:1



S5.05 Standard Symbols (cont.)

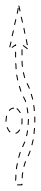
Examples are shown at the correct size for all drawing scales printed to 11"x17" PS&E sheet, unless otherwise noted. Items flagged with an asterisk (*) are True Size items that always measure the same in ground units and their size on a print changes with the drawing scale. The scales of the True Size item examples are noted. Where noted, use the Feature Definition rather than Element Template to place feature.

Roadway - Markings - Symbols

Element Template (Level Name) | ByLevel Weight / byLevel Color | ByLevel Style / Element Type | Example

TrafficArrowRATypeTC *
RD_MK_TrafficArrowRATypeTC
0 / 2 / 0 / Cell

USE FEATURE DEFINITION: Point\Roadway\Markings\Symbols\TrafficArrowRATypeTC
Scale shown at : 20:1



TrafficArrowRATypeTR *
RD_MK_TrafficArrowRATypeTR
0 / 2 / 0 / Cell

USE FEATURE DEFINITION: Point\Roadway\Markings\Symbols\TrafficArrowRATypeTR
Scale shown at : 20:1



TrafficArrowRATypeTRC *
RD_MK_TrafficArrowRATypeTRC
0 / 2 / 0 / Cell

USE FEATURE DEFINITION: Point\Roadway\Markings\Symbols\TrafficArrowRATypeTRC
Scale shown at : 20:1



TrafficArrowType1 *
RD_MK_TrafficArrowType1
0 / 2 / 0 / Cell

USE FEATURE DEFINITION: Point\Roadway\Markings\Symbols\TrafficArrowType1
Scale shown at : 20:1



S5.05 Standard Symbols (cont.)

Examples are shown at the correct size for all drawing scales printed to 11"x17" PS&E sheet, unless otherwise noted. Items flagged with an asterisk (*) are True Size items that always measure the same in ground units and their size on a print changes with the drawing scale. The scales of the True Size item examples are noted. Where noted, use the Feature Definition rather than Element Template to place feature.

Roadway - Markings - Symbols

Element Template (Level Name)	ByLevel Weight | ByLevel Style byLevel Color | Element Type	Example
TrafficArrowType1New * RD_MK_TrafficArrowType1New USE FEATURE DEFINITION: Point\Roadway\Markings\Symbols\TrafficArrowType1New Scale shown at : 20:1	0 | 0 0 | Cell	
TrafficArrowType1S * RD_MK_TrafficArrowType1S USE FEATURE DEFINITION: Point\Roadway\Markings\Symbols\TrafficArrowType1S Scale shown at : 20:1	0 | 2 0 | Cell	
TrafficArrowType1SNew * RD_MK_TrafficArrowType1SNew USE FEATURE DEFINITION: Point\Roadway\Markings\Symbols\TrafficArrowType1SNew Scale shown at : 20:1	0 | 0 0 | Cell	
TrafficArrowType2L * RD_MK_TrafficArrowType2L USE FEATURE DEFINITION: Point\Roadway\Markings\Symbols\TrafficArrowType2L Scale shown at : 20:1	0 | 2 0 | Cell	

S5.05 Standard Symbols (cont.)

Examples are shown at the correct size for all drawing scales printed to 11"x17" PS&E sheet, unless otherwise noted. Items flagged with an asterisk (*) are True Size items that always measure the same in ground units and their size on a print changes with the drawing scale. The scales of the True Size item examples are noted. Where noted, use the Feature Definition rather than Element Template to place feature.

Roadway – Markings – Symbols

Element Template (Level Name)	ByLevel Weight | ByLevel Style byLevel Color | Element Type	Example

TrafficArrowType2LNew *
RD_MK_TrafficArrowType2LNew

0 | 0
0 | Cell



USE FEATURE DEFINITION: Point\Roadway\Markings\Symbols\TrafficArrowType2LNew
Scale shown at : 20:1

TrafficArrowType2R *
RD_MK_TrafficArrowType2R

0 | 2
0 | Cell



USE FEATURE DEFINITION: Point\Roadway\Markings\Symbols\TrafficArrowType2R
Scale shown at : 20:1

TrafficArrowType2RNew *
RD_MK_TrafficArrowType2RNew

0 | 0
0 | Cell



USE FEATURE DEFINITION: Point\Roadway\Markings\Symbols\TrafficArrowType2RNew
Scale shown at : 20:1

TrafficArrowType2SL *
RD_MK_TrafficArrowType2SL

0 | 2
0 | Cell



USE FEATURE DEFINITION: Point\Roadway\Markings\Symbols\TrafficArrowType2SL
Scale shown at : 20:1

S5.05 Standard Symbols (cont.)

Examples are shown at the correct size for all drawing scales printed to 11"x17" PS&E sheet, unless otherwise noted. Items flagged with an asterisk (*) are True Size items that always measure the same in ground units and their size on a print changes with the drawing scale. The scales of the True Size item examples are noted. Where noted, use the Feature Definition rather than Element Template to place feature.

Roadway – Markings – Symbols

Element Template (Level Name) | ByLevel Weight / ByLevel Style / byLevel Color / Element Type | Example

TrafficArrowType2SLNew *
RD_MK_TrafficArrowType2SLNew
0 | 0
0 | Cell



USE FEATURE DEFINITION: Point\Roadway\Markings\Symbols\TrafficArrowType2SLNew
Scale shown at : 20:1

TrafficArrowType2SR *
RD_MK_TrafficArrowType2SR
0 | 2
0 | Cell



USE FEATURE DEFINITION: Point\Roadway\Markings\Symbols\TrafficArrowType2SR
Scale shown at : 20:1

TrafficArrowType2SRNew *
RD_MK_TrafficArrowType2SRNew
0 | 0
0 | Cell



USE FEATURE DEFINITION: Point\Roadway\Markings\Symbols\TrafficArrowType2SRNew
Scale shown at : 20:1

TrafficArrowType3L *
RD_MK_TrafficArrowType3L
0 | 2
0 | Cell



USE FEATURE DEFINITION: Point\Roadway\Markings\Symbols\TrafficArrowType3L
Scale shown at : 20:1

S5.05 Standard Symbols (cont.)

Examples are shown at the correct size for all drawing scales printed to 11"x17" PS&E sheet, unless otherwise noted. Items flagged with an asterisk (*) are True Size items that always measure the same in ground units and their size on a print changes with the drawing scale. The scales of the True Size item examples are noted. Where noted, use the Feature Definition rather than Element Template to place feature.

Roadway - Markings - Symbols

Element Template (Level Name) | ByLevel Weight | ByLevel Style | byLevel Color | Element Type | Example

TrafficArrowType3LNew *
RD_MK_TrafficArrowType3LNew
0 | 0
0 | Cell



USE FEATURE DEFINITION: Point\Roadway\Markings\Symbols\TrafficArrowType3LNew
Scale shown at : 20:1

TrafficArrowType3R *
RD_MK_TrafficArrowType3R
0 | 2
0 | Cell



USE FEATURE DEFINITION: Point\Roadway\Markings\Symbols\TrafficArrowType3R
Scale shown at : 20:1

TrafficArrowType3RNew *
RD_MK_TrafficArrowType3RNew
0 | 0
0 | Cell



USE FEATURE DEFINITION: Point\Roadway\Markings\Symbols\TrafficArrowType3RNew
Scale shown at : 20:1

TrafficArrowType3SL *
RD_MK_TrafficArrowType3SL
0 | 2
0 | Cell



USE FEATURE DEFINITION: Point\Roadway\Markings\Symbols\TrafficArrowType3SL
Scale shown at : 20:1

S5.05 Standard Symbols (cont.)

Examples are shown at the correct size for all drawing scales printed to 11"x17" PS&E sheet, unless otherwise noted. Items flagged with an asterisk (*) are True Size items that always measure the same in ground units and their size on a print changes with the drawing scale. The scales of the True Size item examples are noted. Where noted, use the Feature Definition rather than Element Template to place feature.

Roadway – Markings – Symbols

Element Template (Level Name) | ByLevel Weight / ByLevel Style / byLevel Color / Element Type | Example

TrafficArrowType3SLNew *
RD_MK_TrafficArrowType3SLNew
0 | 0
0 | Cell



USE FEATURE DEFINITION: Point\Roadway\Markings\Symbols\TrafficArrowType3SLNew
Scale shown at : 20:1

TrafficArrowType3SR *
RD_MK_TrafficArrowType3SR
0 | 2
0 | Cell



USE FEATURE DEFINITION: Point\Roadway\Markings\Symbols\TrafficArrowType3SR
Scale shown at : 20:1

TrafficArrowType3SRNew *
RD_MK_TrafficArrowType3SRNew
0 | 0
0 | Cell



USE FEATURE DEFINITION: Point\Roadway\Markings\Symbols\TrafficArrowType3SRNew
Scale shown at : 20:1

TrafficArrowType4 *
RD_MK_TrafficArrowType4
0 | 2
0 | Cell



USE FEATURE DEFINITION: Point\Roadway\Markings\Symbols\TrafficArrowType4
Scale shown at : 20:1

S5.05 Standard Symbols (cont.)

Examples are shown at the correct size for all drawing scales printed to 11"x17" PS&E sheet, unless otherwise noted. Items flagged with an asterisk (*) are True Size items that always measure the same in ground units and their size on a print changes with the drawing scale. The scales of the True Size item examples are noted. Where noted, use the Feature Definition rather than Element Template to place feature.

Roadway – Markings – Symbols

Element Template (Level Name)	ByLevel Weight | ByLevel Style byLevel Color | Element Type	Example
TrafficArrowType4New * RD_MK_TrafficArrowType4New USE FEATURE DEFINITION: Point\Roadway\Markings\Symbols\TrafficArrowType4New Scale shown at : 20:1	0 | 0 0 | Cell	
TrafficArrowType4S * RD_MK_TrafficArrowType4S USE FEATURE DEFINITION: Point\Roadway\Markings\Symbols\TrafficArrowType4S Scale shown at : 20:1	0 | 2 0 | Cell	
TrafficArrowType4SNew * RD_MK_TrafficArrowType4SNew USE FEATURE DEFINITION: Point\Roadway\Markings\Symbols\TrafficArrowType4SNew Scale shown at : 20:1	0 | 0 0 | Cell	
TrafficArrowType5 * RD_MK_TrafficArrowType5 USE FEATURE DEFINITION: Point\Roadway\Markings\Symbols\TrafficArrowType5 Scale shown at : 20:1	0 | 2 0 | Cell	

S5.05 Standard Symbols (cont.)

Examples are shown at the correct size for all drawing scales printed to 11"x17" PS&E sheet, unless otherwise noted. Items flagged with an asterisk (*) are True Size items that always measure the same in ground units and their size on a print changes with the drawing scale. The scales of the True Size item examples are noted. Where noted, use the Feature Definition rather than Element Template to place feature.

Roadway - Markings - Symbols

Element Template (Level Name)	ByLevel Weight | ByLevel Style byLevel Color | Element Type	Example

TrafficArrowType5New *
RD_MK_TrafficArrowType5New

0 | 0
0 | Cell

USE FEATURE DEFINITION: Point\Roadway\Markings\Symbols\TrafficArrowType5New
Scale shown at : 20:1



TrafficArrowType5S *
RD_MK_TrafficArrowType5S

0 | 2
0 | Cell

USE FEATURE DEFINITION: Point\Roadway\Markings\Symbols\TrafficArrowType5S
Scale shown at : 20:1



TrafficArrowType5SNew *
RD_MK_TrafficArrowType5SNew

0 | 0
0 | Cell

USE FEATURE DEFINITION: Point\Roadway\Markings\Symbols\TrafficArrowType5SNew
Scale shown at : 20:1



TrafficArrowType6L *
RD_MK_TrafficArrowType6L

0 | 2
0 | Cell

USE FEATURE DEFINITION: Point\Roadway\Markings\Symbols\TrafficArrowType6L
Scale shown at : 20:1



S5.05 Standard Symbols (cont.)

Examples are shown at the correct size for all drawing scales printed to 11"x17" PS&E sheet, unless otherwise noted. Items flagged with an asterisk (*) are True Size items that always measure the same in ground units and their size on a print changes with the drawing scale. The scales of the True Size item examples are noted. Where noted, use the Feature Definition rather than Element Template to place feature.

Roadway - Markings - Symbols

Element Template (Level Name)	ByLevel Weight | ByLevel Style byLevel Color | Element Type	Example
TrafficArrowType6LNew * RD_MK_TrafficArrowType6LNew USE FEATURE DEFINITION: Point\Roadway\Markings\Symbols\TrafficArrowType6LNew Scale shown at : 20:1	0 | 0 0 | Cell	
TrafficArrowType6R * RD_MK_TrafficArrowType6R USE FEATURE DEFINITION: Point\Roadway\Markings\Symbols\TrafficArrowType6R Scale shown at : 20:1	0 | 2 0 | Cell	
TrafficArrowType6RNew * RD_MK_TrafficArrowType6RNew USE FEATURE DEFINITION: Point\Roadway\Markings\Symbols\TrafficArrowType6RNew Scale shown at : 20:1	0 | 0 0 | Cell	
TrafficArrowType6SL * RD_MK_TrafficArrowType6SL USE FEATURE DEFINITION: Point\Roadway\Markings\Symbols\TrafficArrowType6SL Scale shown at : 20:1	0 | 2 0 | Cell	

S5.05 Standard Symbols (cont.)

Examples are shown at the correct size for all drawing scales printed to 11"x17" PS&E sheet, unless otherwise noted. Items flagged with an asterisk (*) are True Size items that always measure the same in ground units and their size on a print changes with the drawing scale. The scales of the True Size item examples are noted. Where noted, use the Feature Definition rather than Element Template to place feature.

Roadway - Markings - Symbols

Element Template (Level Name)	ByLevel Weight | ByLevel Style byLevel Color | Element Type	Example

TrafficArrowType6SLNew *
RD_MK_TrafficArrowType6SLNew

0 | 0
0 | Cell



USE FEATURE DEFINITION: Point\Roadway\Markings\Symbols\TrafficArrowType6SLNew
Scale shown at : 20:1

TrafficArrowType6SR *
RD_MK_TrafficArrowType6SR

0 | 2
0 | Cell



USE FEATURE DEFINITION: Point\Roadway\Markings\Symbols\TrafficArrowType6SR
Scale shown at : 20:1

TrafficArrowType6SRNew *
RD_MK_TrafficArrowType6SRNew

0 | 0
0 | Cell



USE FEATURE DEFINITION: Point\Roadway\Markings\Symbols\TrafficArrowType6SRNew
Scale shown at : 20:1

TrafficArrowType7 *
RD_MK_TrafficArrowType7

0 | 2
0 | Cell



USE FEATURE DEFINITION: Point\Roadway\Markings\Symbols\TrafficArrowType7
Scale shown at : 20:1

S5.05 Standard Symbols (cont.)

Examples are shown at the correct size for all drawing scales printed to 11"x17" PS&E sheet, unless otherwise noted. Items flagged with an asterisk (*) are True Size items that always measure the same in ground units and their size on a print changes with the drawing scale. The scales of the True Size item examples are noted. Where noted, use the Feature Definition rather than Element Template to place feature.

Roadway - Markings - Symbols

Element Template (Level Name)	ByLevel Weight | ByLevel Style byLevel Color | Element Type	Example

TrafficArrowType7New *
RD_MK_TrafficArrowType7New

0 | 0
0 | Cell



USE FEATURE DEFINITION: Point\Roadway\Markings\Symbols\TrafficArrowType7New
Scale shown at : 20:1

TrafficArrowType7S *
RD_MK_TrafficArrowType7S

0 | 2
0 | Cell



USE FEATURE DEFINITION: Point\Roadway\Markings\Symbols\TrafficArrowType7S
Scale shown at : 20:1

TrafficArrowType7SNew *
RD_MK_TrafficArrowType7SNew

0 | 0
0 | Cell



USE FEATURE DEFINITION: Point\Roadway\Markings\Symbols\TrafficArrowType7SNew
Scale shown at : 20:1

TrafficButton *
RD_MK_TrafficButton

0 | 0
29 | Cell



USE FEATURE DEFINITION: Point\Roadway\Markings\Symbols\TrafficButton
Scale shown at : 20:1

S5.05 Standard Symbols (cont.)

Examples are shown at the correct size for all drawing scales printed to 11"x17" PS&E sheet, unless otherwise noted. Items flagged with an asterisk (*) are True Size items that always measure the same in ground units and their size on a print changes with the drawing scale. The scales of the True Size item examples are noted. Where noted, use the Feature Definition rather than Element Template to place feature.

Roadway - Markings - Symbols

Element Template (Level Name) | ByLevel Weight / ByLevel Style / byLevel Color / Element Type | Example

YieldAheadSymbType1 *
RD_MK_YieldAheadSymbType1
0 | 2
0 | Cell

USE FEATURE DEFINITION: Point\Roadway\Markings\Symbols\YieldAheadSymbType1
Scale shown at : 40:1



YieldAheadSymbType1New *
RD_MK_YieldAheadSymbType1New
1 | 0
0 | Cell

USE FEATURE DEFINITION: Point\Roadway\Markings\Symbols\YieldAheadSymbType1New
Scale shown at : 40:1



YieldAheadSymbType2 *
RD_MK_YieldAheadSymbType2
0 | 2
0 | Cell

USE FEATURE DEFINITION: Point\Roadway\Markings\Symbols\YieldAheadSymbType2
Scale shown at : 40:1



YieldAheadSymbType2New *
RD_MK_YieldAheadSymbType2New
1 | 0
0 | Cell

USE FEATURE DEFINITION: Point\Roadway\Markings\Symbols\YieldAheadSymbType2New
Scale shown at : 40:1

YieldSymbType1 *
RD_MK_YieldSymbType1
0 | 2
0 | Cell

USE FEATURE DEFINITION: Point\Roadway\Markings\Symbols\YieldSymbType1
Scale shown at : 20:1

YieldSymbType1New *
RD_MK_YieldSymbType1New
1 | 0
0 | Cell

USE FEATURE DEFINITION: Point\Roadway\Markings\Symbols\YieldSymbType1New
Scale shown at : 20:1

YieldSymbType2 *
RD_MK_YieldSymbType2
0 | 2
0 | Cell

USE FEATURE DEFINITION: Point\Roadway\Markings\Symbols\YieldSymbType2
Scale shown at : 20:1



S5.05 Standard Symbols (cont.)

Examples are shown at the correct size for all drawing scales printed to 11"x17" PS&E sheet, unless otherwise noted. Items flagged with an asterisk (*) are True Size items that always measure the same in ground units and their size on a print changes with the drawing scale. The scales of the True Size item examples are noted. Where noted, use the Feature Definition rather than Element Template to place feature.

Roadway - Markings - Symbols

Element Template (Level Name)	ByLevel Weight | ByLevel Style byLevel Color | Element Type	Example
YieldSymbType2New * RD_MK_YieldSymbType2New USE FEATURE DEFINITION: Point\Roadway\Markings\Symbols\YieldSymbType2New Scale shown at : 20:1	1 | 0 0 | Cell	

S5.05 Standard Symbols (cont.)

Examples are shown at the correct size for all drawing scales printed to 11"x17" PS&E sheet, unless otherwise noted. Items flagged with an asterisk (*) are True Size items that always measure the same in ground units and their size on a print changes with the drawing scale. The scales of the True Size item examples are noted. Where noted, use the Feature Definition rather than Element Template to place feature.

Roadway - Text

Element Template (Level Name)	ByLevel Weight | ByLevel Style byLevel Color | Element Type	Example
BarrierText RD_BR_BarrierText Text Style: 07-Ital Text Font: WSDOT CAE Text Size: 0.005833	0 | 0 61 | Text	*BARRIER FACE*
BarrierTextNew RD_BR_BarrierTextNew Text Style: 07-Bold Text Font: WSDOT CAE Text Size: 0.005833	0 | 0 45 | Text	**BARRIER FACE**
BermText RD_BM_BermText Text Style: 07-Ital Text Font: WSDOT CAE Text Size: 0.005833	0 | 0 29 | Text	*TOP OF BERM*
BermTextNew RD_BM_BermTextNew Text Style: 07-Bold Text Font: WSDOT CAE Text Size: 0.005833	0 | 0 13 | Text	**TOP OF BERM**
CurbGutterSidewalkText RD_CG_CurbGutterSidewalkText Text Style: 07-Ital Text Font: WSDOT CAE Text Size: 0.005833	0 | 0 61 | Text	*BACK OF SIDEWALK*
CurbGutterSidewalkTextNew RD_CG_CurbGutterSidewalkTextNew Text Style: 07-Bold Text Font: WSDOT CAE Text Size: 0.005833	0 | 0 45 | Text	**BACK OF SIDEWALK**
RoadwayEdgesText RD_ED_RoadwayEdgesText Text Style: 07-Ital Text Font: WSDOT CAE Text Size: 0.005833	0 | 0 29 | Text	*EDGE OF LANE*

S5.05 Standard Symbols (cont.)

Examples are shown at the correct size for all drawing scales printed to 11"x17" PS&E sheet, unless otherwise noted. Items flagged with an asterisk (*) are True Size items that always measure the same in ground units and their size on a print changes with the drawing scale. The scales of the True Size item examples are noted. Where noted, use the Feature Definition rather than Element Template to place feature.

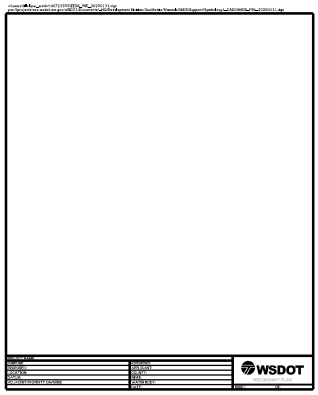
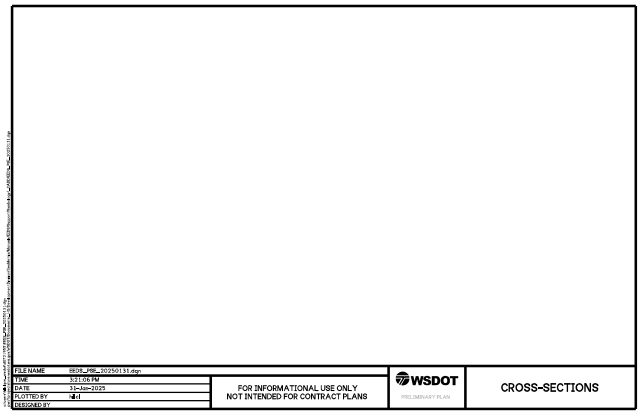
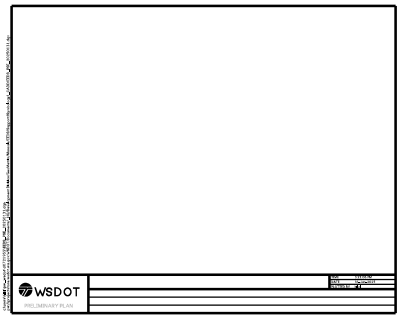
Roadway - Text

Element Template (Level Name)	ByLevel Weight | ByLevel Style byLevel Color | Element Type	Example
RoadwayEdgesTextNew RD_ED_RoadwayEdgesTextNew Text Style: 07-Bold Text Font: WSDOT CAE Text Size: 0.005833	0 | 0 13 | Text	EDGE OF LANE
RoadwayMarkingText RD_MK_RoadwayMarkingText Text Style: 07-Ital Text Font: WSDOT CAE Text Size: 0.005833	0 | 0 29 | Text	*EDGE OF LANE*
RoadwayMarkingTextNew RD_MK_RoadwayMarkingTextNew Text Style: 07-Bold Text Font: WSDOT CAE Text Size: 0.005833	0 | 0 13 | Text	EDGE OF LANE
RoadwayNamesText RD_ED_RoadwayNamesText Text Style: 10-Bold Text Font: WSDOT CAE Text Size: 0.008333	0 | 0 29 | Text	CHANCE ROAD
SawcutTextNew RD_ED_SawcutTextNew Text Style: 07-Bold Text Font: WSDOT CAE Text Size: 0.005833	0 | 0 141 | Text	SAW CUT

S5.05 Standard Symbols (cont.)

Examples are shown at the correct size for all drawing scales printed to 11"x17" PS&E sheet, unless otherwise noted. Items flagged with an asterisk (*) are True Size items that always measure the same in ground units and their size on a print changes with the drawing scale. The scales of the True Size item examples are noted. Where noted, use the Feature Definition rather than Element Template to place feature.

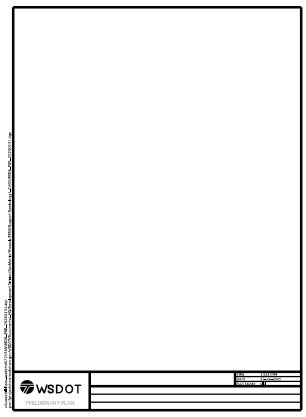
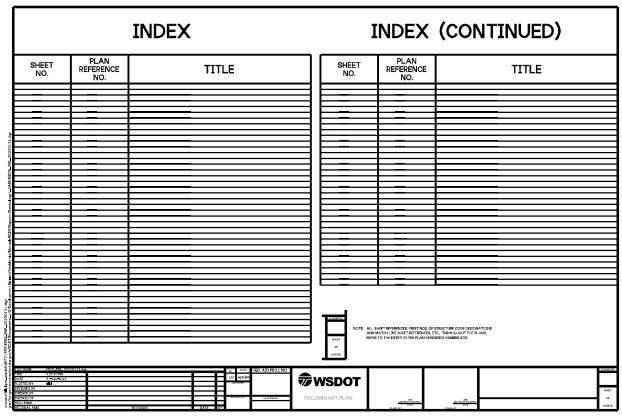
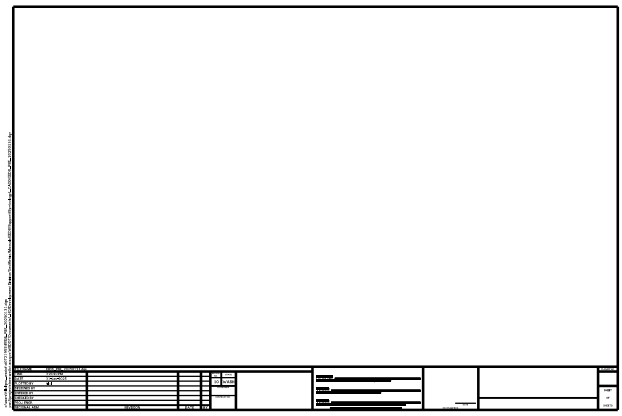
Sheet - Borders - PS&E

Element Template (Level Name)	ByLevel Weight | ByLevel Style byLevel Color | Element Type	Example
Corps Of Engineers Sheet SH_GI_SheetBorder Scale shown at : 20%	0 | 0 0 | Cell	
Cross Section Sheet SH_PS_PSECrossSectionBorder Scale shown at : 20%	2 | 0 0 | Cell	
Exhibit Map - Landscape SH_GI_SheetBorder Scale shown at : 20%	0 | 0 0 | Cell	

S5.05 Standard Symbols (cont.)

Examples are shown at the correct size for all drawing scales printed to 11"x17" PS&E sheet, unless otherwise noted. Items flagged with an asterisk (*) are True Size items that always measure the same in ground units and their size on a print changes with the drawing scale. The scales of the True Size item examples are noted. Where noted, use the Feature Definition rather than Element Template to place feature.

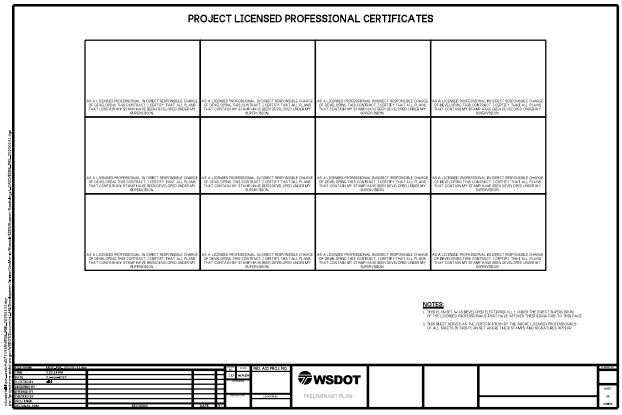
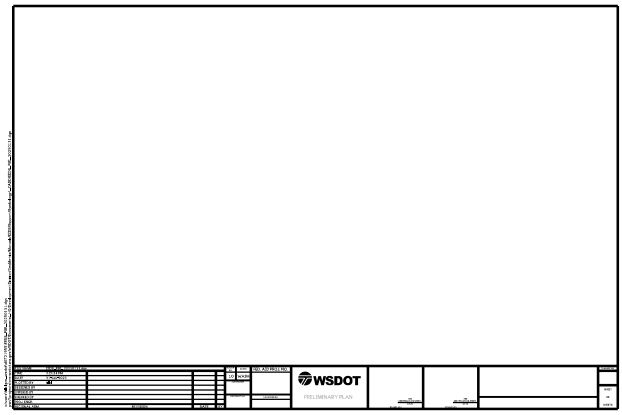
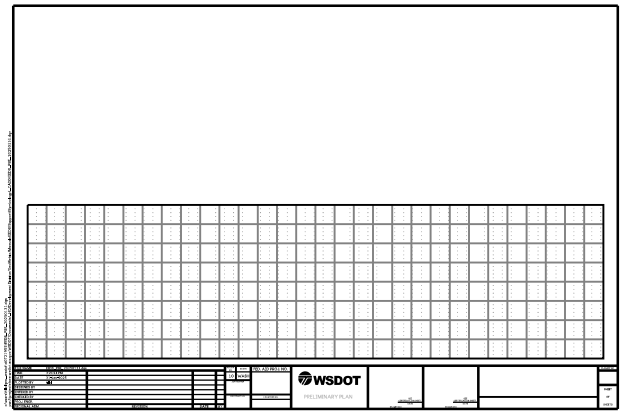
Sheet - Borders - PS&E

Element Template (Level Name)	ByLevel Weight | ByLevel Style byLevel Color | Element Type	Example
Exhibit Map - Portrait SH_GI_SheetBorder Scale shown at : 20%	0 | 0 0 | Cell	
Index Sheet - DataFields SH_PS_PSEIndexSheet Scale shown at : 20%	1 | 0 18 | Cell	
PFA Plan Sheet SH_PS_PFAPlanSheet Scale shown at : 20%	1 | 0 18 | Cell	

S5.05 Standard Symbols (cont.)

Examples are shown at the correct size for all drawing scales printed to 11"x17" PS&E sheet, unless otherwise noted. Items flagged with an asterisk (*) are True Size items that always measure the same in ground units and their size on a print changes with the drawing scale. The scales of the True Size item examples are noted. Where noted, use the Feature Definition rather than Element Template to place feature.

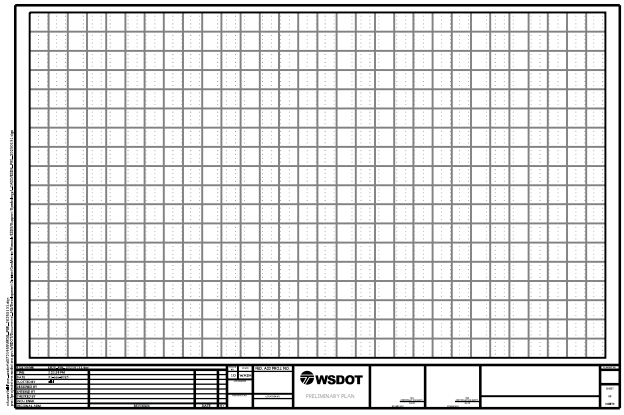
Sheet - Borders - PS&E

Element Template (Level Name)	ByLevel Weight | ByLevel Style byLevel Color | Element Type	Example
PSE Certification Sheet SH_PS_PSECertSheet Scale shown at : 20%	1 | 0 18 | Cell	
PSE Plan Sheet SH_PS_PSEPlanSheet Scale shown at : 20%	1 | 0 18 | Cell	
PSE Plan-Profile Sheet SH_PS_PSEPlanProfileSheet Scale shown at : 20%	1 | 0 18 | Cell	

S5.05 Standard Symbols (cont.)

Examples are shown at the correct size for all drawing scales printed to 11"x17" PS&E sheet, unless otherwise noted. Items flagged with an asterisk (*) are True Size items that always measure the same in ground units and their size on a print changes with the drawing scale. The scales of the True Size item examples are noted. Where noted, use the Feature Definition rather than Element Template to place feature.

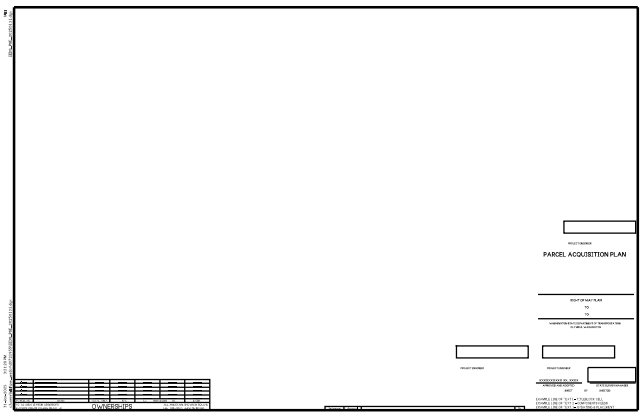
Sheet - Borders - PS&E

Element Template (Level Name)	ByLevel Weight | ByLevel Style byLevel Color | Element Type	Example
PSE Profile Sheet SH_PS_PSEProfileSheet Scale shown at : 20%	1 | 0 18 | Cell	

S5.05 Standard Symbols (cont.)

Examples are shown at the correct size for all drawing scales printed to 11"x17" PS&E sheet, unless otherwise noted. Items flagged with an asterisk (*) are True Size items that always measure the same in ground units and their size on a print changes with the drawing scale. The scales of the True Size item examples are noted. Where noted, use the Feature Definition rather than Element Template to place feature.

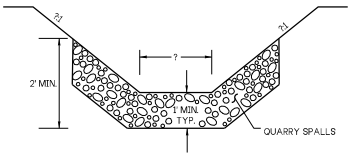
Sheet - Borders - Right of Way

Element Template (Level Name)	ByLevel Weight | ByLevel Style byLevel Color | Element Type	Example
Parcel Acquisition SH_PR_SheetParcelAcquisition Scale shown at : 10%	1 | 0 18 | Cell	

S5.05 Standard Symbols (cont.)

Examples are shown at the correct size for all drawing scales printed to 11"x17" PS&E sheet, unless otherwise noted. Items flagged with an asterisk (*) are True Size items that always measure the same in ground units and their size on a print changes with the drawing scale. The scales of the True Size item examples are noted. Where noted, use the Feature Definition rather than Element Template to place feature.

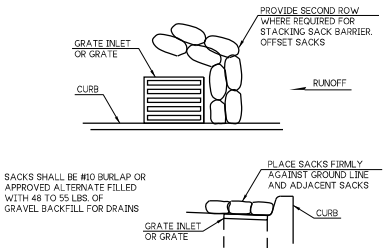
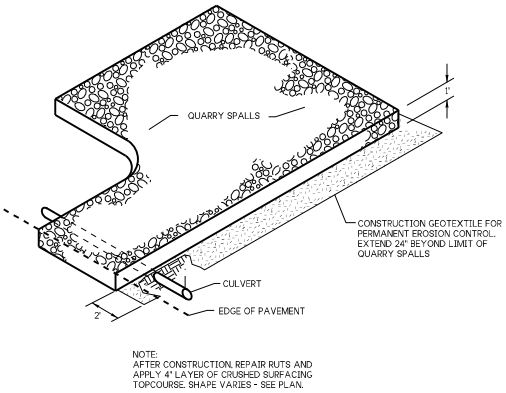
Sheet - Details - Drainage

Element Template (Level Name)	ByLevel Weight | ByLevel Style byLevel Color | Element Type	Example
QuarrySpallSection SH_DT_DetailLevel1 Scale shown at : 50%	0 | 0 0 | Cell	 QUARRY SPALL SECTION

S5.05 Standard Symbols (cont.)

Examples are shown at the correct size for all drawing scales printed to 11"x17" PS&E sheet, unless otherwise noted. Items flagged with an asterisk (*) are True Size items that always measure the same in ground units and their size on a print changes with the drawing scale. The scales of the True Size item examples are noted. Where noted, use the Feature Definition rather than Element Template to place feature.

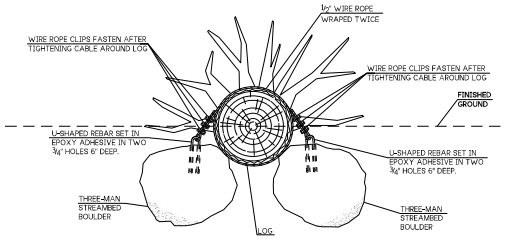
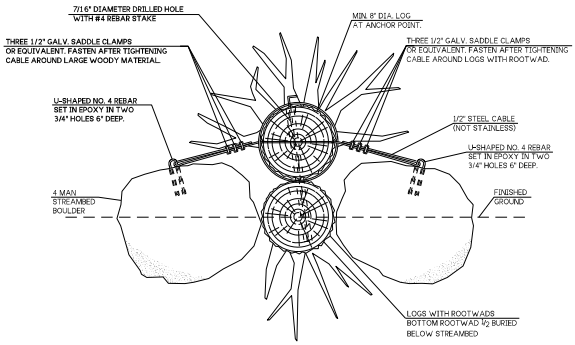
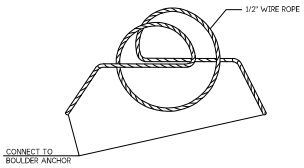
Sheet - Details - ErosionControl

Element Template (Level Name)	ByLevel Weight | ByLevel Style byLevel Color | Element Type	Example
CurbandGutterInletBarrier SH_DT_DetailLevel1 Scale shown at : 50%	0 | 0 0 | Cell	 CURB AND GUTTER INLET BARRIER
StabilizedConstEntranceA SH_DT_DetailLevel1 Scale shown at : 50%	0 | 0 0 | Cell	 STABILIZED CONSTRUCTION ENTRANCE NOT TO SCALE

S5.05 Standard Symbols (cont.)

Examples are shown at the correct size for all drawing scales printed to 11"x17" PS&E sheet, unless otherwise noted. Items flagged with an asterisk (*) are True Size items that always measure the same in ground units and their size on a print changes with the drawing scale. The scales of the True Size item examples are noted. Where noted, use the Feature Definition rather than Element Template to place feature.

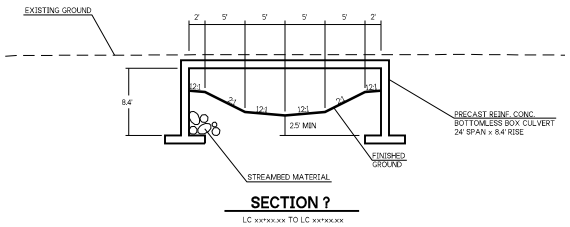
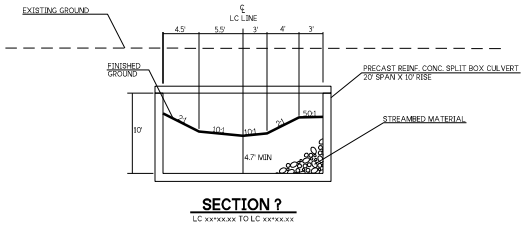
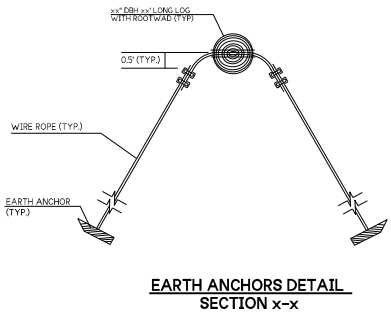
Sheet - Details - Hydraulics

Element Template (Level Name)	ByLevel Weight | ByLevel Style byLevel Color | Element Type	Example
BoulderAnchor1Log SH_DT_DetailLevel1 Scale shown at : 50%	0 | 0 0 | Cell	 BOULDER ANCHOR
BoulderAnchor2Log SH_DT_DetailLevel1 Scale shown at : 50%	0 | 0 0 | Cell	 BOULDER ANCHOR
CableAnchorLoop SH_DT_DetailLevel1 Scale shown at : 50%	0 | 0 0 | Cell	 TYPICAL DETAIL CABLE ANCHOR LOOP

S5.05 Standard Symbols (cont.)

Examples are shown at the correct size for all drawing scales printed to 11"x17" PS&E sheet, unless otherwise noted. Items flagged with an asterisk (*) are True Size items that always measure the same in ground units and their size on a print changes with the drawing scale. The scales of the True Size item examples are noted. Where noted, use the Feature Definition rather than Element Template to place feature.

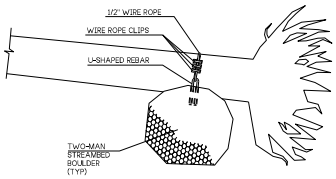
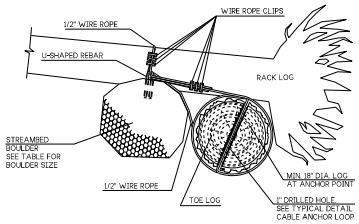
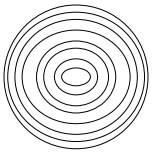
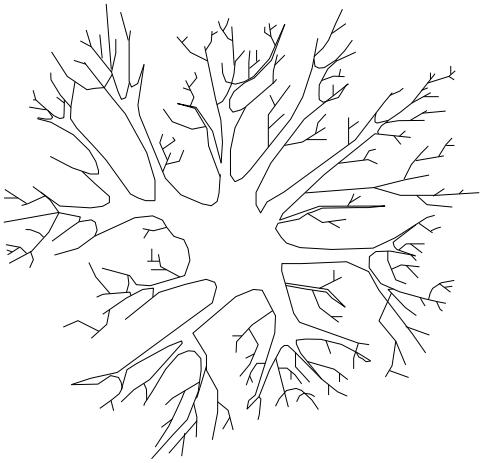
Sheet – Details – Hydraulics

Element Template (Level Name)	ByLevel Weight / ByLevel Style / byLevel Color / Element Type	Example
CulvertBottomless SH_DT_DetailLevel1 Scale shown at : 50%	0 0 0 Cell	
CulvertBox SH_DT_DetailLevel1 Scale shown at : 50%	0 0 0 Cell	
EarthAnchor SH_DT_DetailLevel1 Scale shown at : 50%	0 0 0 Cell	

S5.05 Standard Symbols (cont.)

Examples are shown at the correct size for all drawing scales printed to 11"x17" PS&E sheet, unless otherwise noted. Items flagged with an asterisk (*) are True Size items that always measure the same in ground units and their size on a print changes with the drawing scale. The scales of the True Size item examples are noted. Where noted, use the Feature Definition rather than Element Template to place feature.

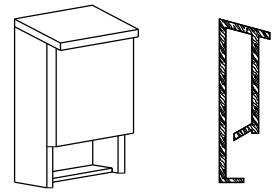
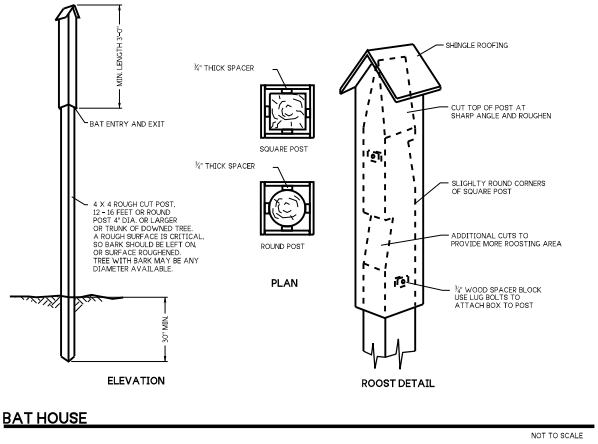
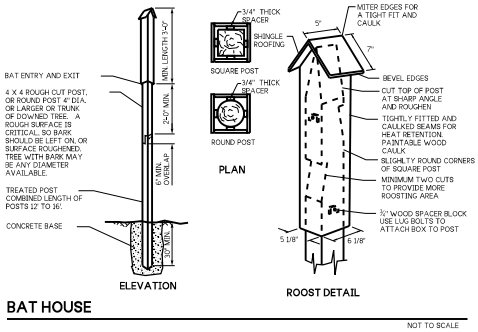
Sheet - Details - Hydraulics

Element Template (Level Name)	ByLevel Weight | ByLevel Style byLevel Color | Element Type	Example
LogAnchor SH_DT_DetailLevel1 Scale shown at : 50%	0 | 0 0 | Cell	
LogAnchorToeLog SH_DT_DetailLevel1 Scale shown at : 50%	0 | 0 0 | Cell	
LogButtEnd SH_DT_DetailLevel1 Scale shown at : 50%	0 | 0 0 | Cell	
LogRootWad SH_DT_DetailLevel1 Scale shown at : 40%	0 | 0 0 | Cell	

S5.05 Standard Symbols (cont.)

Examples are shown at the correct size for all drawing scales printed to 11"x17" PS&E sheet, unless otherwise noted. Items flagged with an asterisk (*) are True Size items that always measure the same in ground units and their size on a print changes with the drawing scale. The scales of the True Size item examples are noted. Where noted, use the Feature Definition rather than Element Template to place feature.

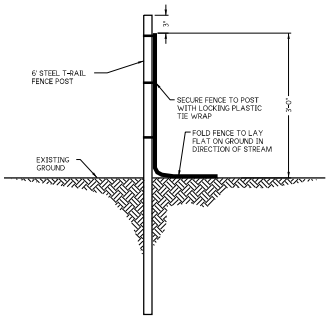
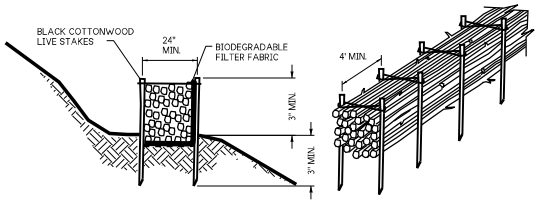
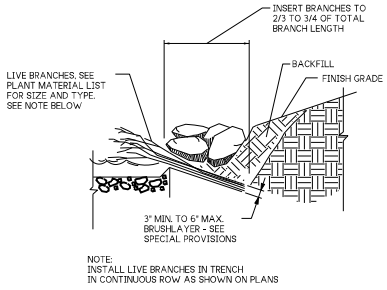
Sheet - Details - Landscape

Element Template (Level Name)	ByLevel Weight | ByLevel Style byLevel Color | Element Type	Example
BatBox SH_DT_DetailLevel1 Scale shown at : 50%	0 | 0 0 | Cell	
BatHouse1 SH_DT_DetailLevel1 Scale shown at : 40%	0 | 0 0 | Cell	
BatHouse2 SH_DT_DetailLevel1 Scale shown at : 40%	0 | 0 0 | Cell	

S5.05 Standard Symbols (cont.)

Examples are shown at the correct size for all drawing scales printed to 11"x17" PS&E sheet, unless otherwise noted. Items flagged with an asterisk (*) are True Size items that always measure the same in ground units and their size on a print changes with the drawing scale. The scales of the True Size item examples are noted. Where noted, use the Feature Definition rather than Element Template to place feature.

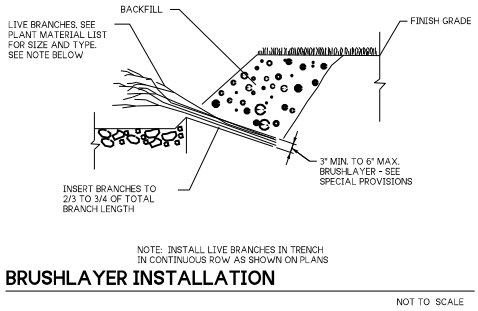
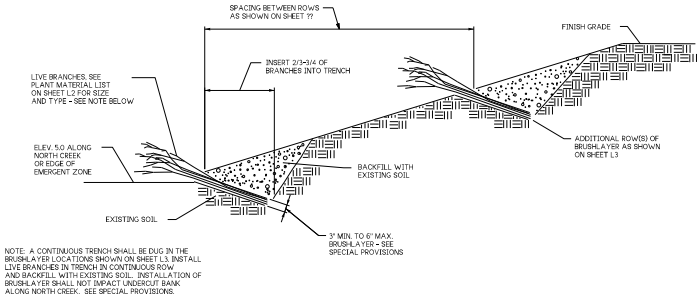
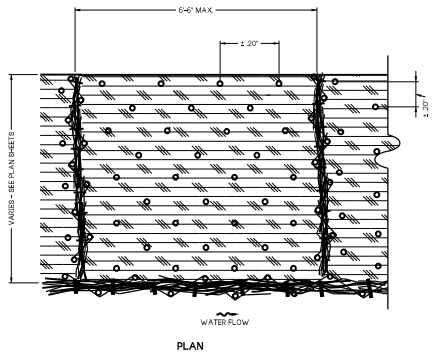
Sheet - Details - Landscape

Element Template (Level Name)	ByLevel Weight | ByLevel Style byLevel Color | Element Type	Example
BeaverFence SH_DT_DetailLevel1 Scale shown at : 40%	0 | 0 0 | Cell	 **BEAVER FENCING DETAIL** NOT TO SCALE
BrushBale SH_DT_DetailLevel1 Scale shown at : 50%	0 | 0 0 | Cell	 **BRUSH BALE DETAIL** NOT TO SCALE
BrushLayer1 SH_DT_DetailLevel1 Scale shown at : 50%	0 | 0 0 | Cell	 **BRUSHLAYER INSTALLATION** NOT TO SCALE

S5.05 Standard Symbols (cont.)

Examples are shown at the correct size for all drawing scales printed to 11"x17" PS&E sheet, unless otherwise noted. Items flagged with an asterisk (*) are True Size items that always measure the same in ground units and their size on a print changes with the drawing scale. The scales of the True Size item examples are noted. Where noted, use the Feature Definition rather than Element Template to place feature.

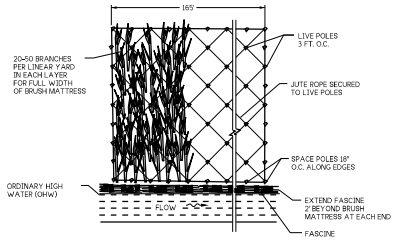
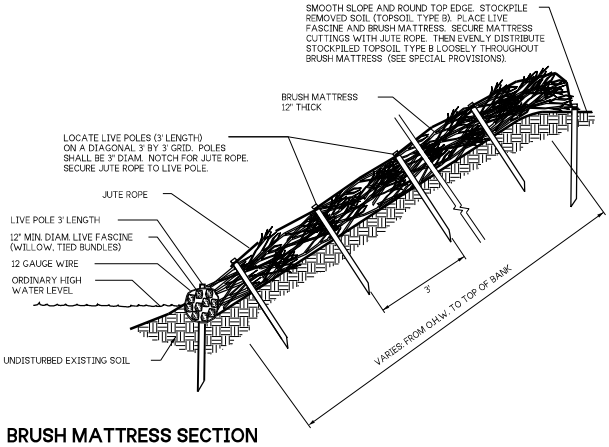
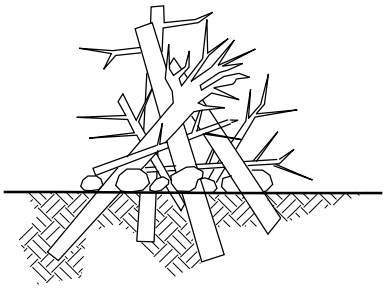
Sheet - Details - Landscape

Element Template (Level Name)	ByLevel Weight | ByLevel Style byLevel Color | Element Type	Example
BrushLayer2 SH_DT_DetailLevel1 Scale shown at : 50%	0 | 0 0 | Cell	 **BRUSHLAYER INSTALLATION** NOT TO SCALE
BrushLayer3 SH_DT_DetailLevel1 Scale shown at : 40%	0 | 0 0 | Cell	 **BRUSHLAYER INSTALLATION-SECTION/ELEVATION** NOT TO SCALE
BrushMattress1 SH_DT_DetailLevel1 Scale shown at : 40%	0 | 0 0 | Cell	 **PLAN** **BRUSH MATTRESS** NOT TO SCALE

S5.05 Standard Symbols (cont.)

Examples are shown at the correct size for all drawing scales printed to 11"x17" PS&E sheet, unless otherwise noted. Items flagged with an asterisk (*) are True Size items that always measure the same in ground units and their size on a print changes with the drawing scale. The scales of the True Size item examples are noted. Where noted, use the Feature Definition rather than Element Template to place feature.

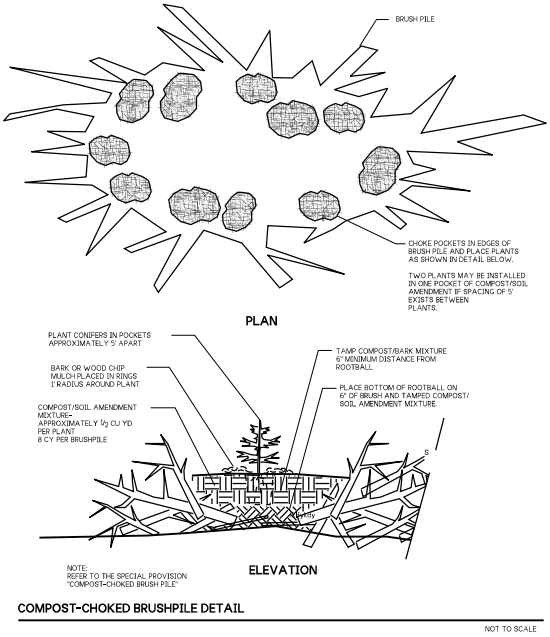
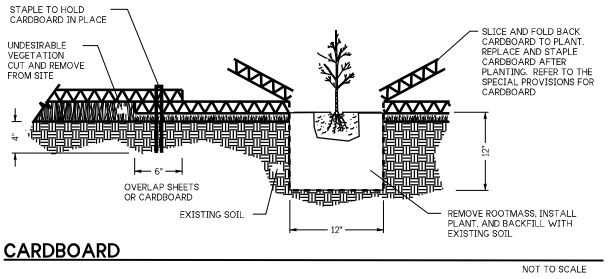
Sheet - Details - Landscape

Element Template (Level Name)	ByLevel Weight | ByLevel Style byLevel Color | Element Type	Example
BrushMattress2 SH_DT_DetailLevel1 Scale shown at : 40%	0 | 0 0 | Cell	 **BRUSH MATTRESS - PLAN VIEW** NOT TO SCALE
BrushMattressSection SH_DT_DetailLevel1 Scale shown at : 50%	0 | 0 0 | Cell	 **BRUSH MATTRESS SECTION** NOT TO SCALE
BrushPileAnchored SH_DT_DetailLevel1 Scale shown at : 50%	0 | 0 0 | Cell	 ANCHORED BRUSH PILE DETAIL NOT TO SCALE

S5.05 Standard Symbols (cont.)

Examples are shown at the correct size for all drawing scales printed to 11"x17" PS&E sheet, unless otherwise noted. Items flagged with an asterisk (*) are True Size items that always measure the same in ground units and their size on a print changes with the drawing scale. The scales of the True Size item examples are noted. Where noted, use the Feature Definition rather than Element Template to place feature.

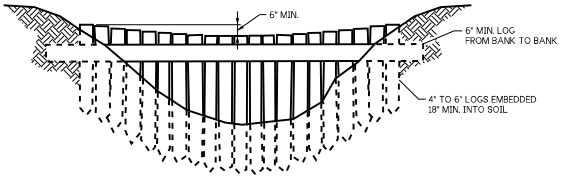
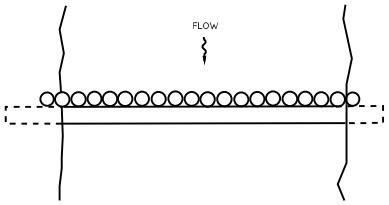
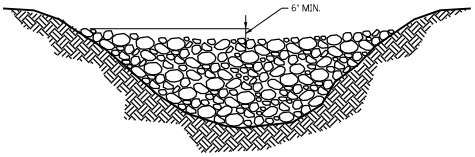
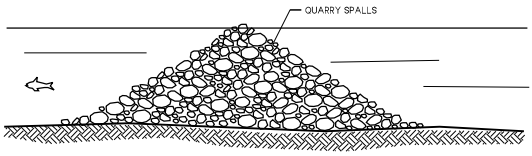
Sheet - Details - Landscape

Element Template (Level Name)	ByLevel Weight | ByLevel Style byLevel Color | Element Type	Example
BrushPileCompostChocked SH_DT_DetailLevel1 Scale shown at : 40%	0 | 0 0 | Cell	
CardboardMulch SH_DT_DetailLevel1 Scale shown at : 50%	0 | 0 0 | Cell	

S5.05 Standard Symbols (cont.)

Examples are shown at the correct size for all drawing scales printed to 11"x17" PS&E sheet, unless otherwise noted. Items flagged with an asterisk (*) are True Size items that always measure the same in ground units and their size on a print changes with the drawing scale. The scales of the True Size item examples are noted. Where noted, use the Feature Definition rather than Element Template to place feature.

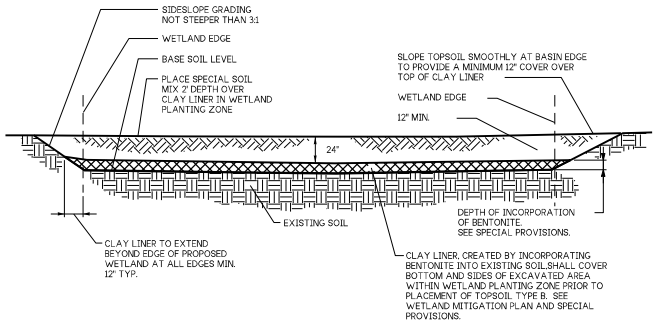
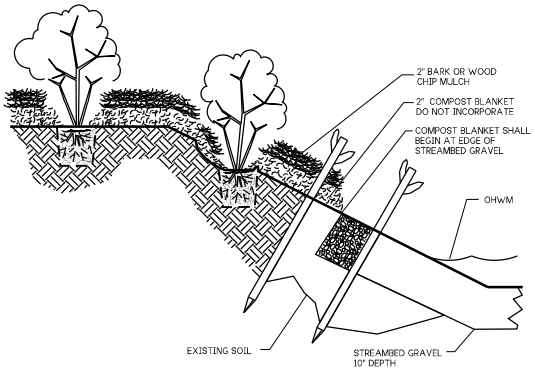
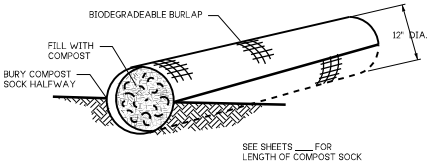
Sheet - Details - Landscape

Element Template (Level Name)	ByLevel Weight | ByLevel Style byLevel Color | Element Type	Example
CheckDamWithLogs SH_DT_DetailLevel1 Scale shown at : 50%	0 | 0 0 | Cell	 SECTION  PLAN LOG CHECK DAM NOT TO SCALE
CheckDamWithRock SH_DT_DetailLevel1 Scale shown at : 50%	0 | 0 0 | Cell	 SECTION  SECTION ROCK CHECK DAM NOT TO SCALE

S5.05 Standard Symbols (cont.)

Examples are shown at the correct size for all drawing scales printed to 11"x17" PS&E sheet, unless otherwise noted. Items flagged with an asterisk (*) are True Size items that always measure the same in ground units and their size on a print changes with the drawing scale. The scales of the True Size item examples are noted. Where noted, use the Feature Definition rather than Element Template to place feature.

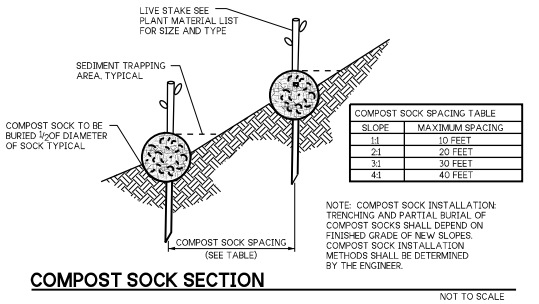
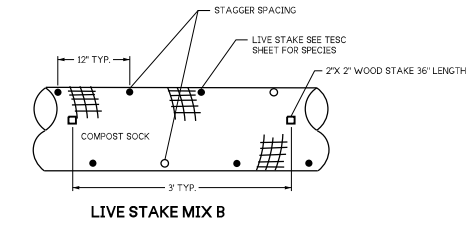
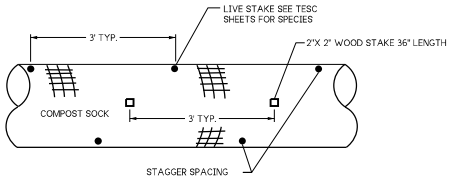
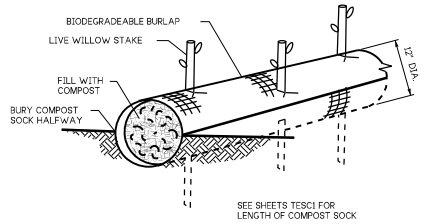
Sheet - Details - Landscape

Element Template (Level Name)	ByLevel Weight | ByLevel Style byLevel Color | Element Type	Example
ClayLiner SH_DT_DetailLevel1 Scale shown at : 50%	0 | 0 0 | Cell	 **CLAY LINER** NO SCALE
CompostBlanket SH_DT_DetailLevel1 Scale shown at : 50%	0 | 0 0 | Cell	 **COMPOST BLANKET DETAIL** NOT TO SCALE
CompostSock SH_DT_DetailLevel1 Scale shown at : 50%	0 | 0 0 | Cell	 **COMPOST SOCK** NOT TO SCALE

S5.05 Standard Symbols (cont.)

Examples are shown at the correct size for all drawing scales printed to 11"x17" PS&E sheet, unless otherwise noted. Items flagged with an asterisk (*) are True Size items that always measure the same in ground units and their size on a print changes with the drawing scale. The scales of the True Size item examples are noted. Where noted, use the Feature Definition rather than Element Template to place feature.

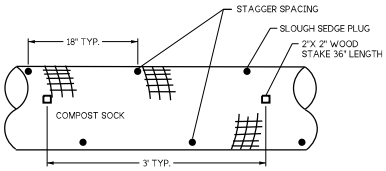
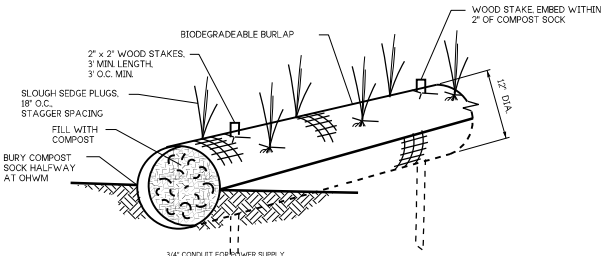
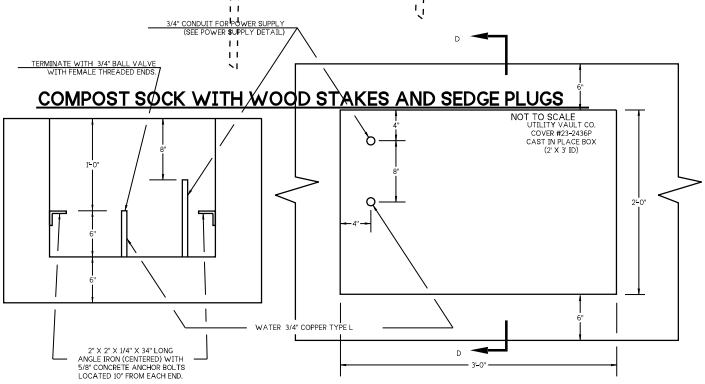
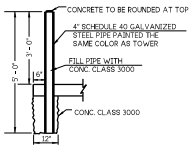
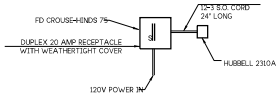
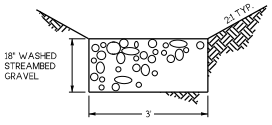
Sheet - Details - Landscape

Element Template (Level Name)	ByLevel Weight | ByLevel Style byLevel Color | Element Type	Example
CompostSockSection SH_DT_DetailLevel1 Scale shown at : 50%	0 | 0 0 | Cell	 **COMPOST SOCK SECTION** NOT TO SCALE
CompostSockStakeSpacing SH_DT_DetailLevel1 Scale shown at : 50%	0 | 0 0 | Cell	 **LIVE STAKE MIX B**  **LIVE STAKE MIX A** **LIVE STAKE SPACING IN COMPOST SOCK** NOT TO SCALE
CompostSockWithLiveStake SH_DT_DetailLevel1 Scale shown at : 50%	0 | 0 0 | Cell	 **COMPOST SOCK WITH LIVE STAKES** NOT TO SCALE

S5.05 Standard Symbols (cont.)

Examples are shown at the correct size for all drawing scales printed to 11"x17" PS&E sheet, unless otherwise noted. Items flagged with an asterisk (*) are True Size items that always measure the same in ground units and their size on a print changes with the drawing scale. The scales of the True Size item examples are noted. Where noted, use the Feature Definition rather than Element Template to place feature.

Sheet - Details - Landscape

Element Template (Level Name)	ByLevel Weight | ByLevel Style byLevel Color | Element Type	Example
CompostSockWithStakesAndSedges SH_DT_DetailLevel1 Scale shown at : 50%	0 | 0 0 | Cell	 PLAN VIEW  COMPOST SOCK WITH WOOD STAKES AND SEDGE PLUGS
ControlModuleBoxDetail SH_DT_DetailLevel1 Scale shown at : 40%	0 | 0 0 | Cell	  
DitchSectionTypical SH_DT_DetailLevel1 Scale shown at : 50%	0 | 0 0 | Cell	 TYPICAL DITCH SECTION NOT TO SCALE

S5.05 Standard Symbols (cont.)

Examples are shown at the correct size for all drawing scales printed to 11"x17" PS&E sheet, unless otherwise noted. Items flagged with an asterisk (*) are True Size items that always measure the same in ground units and their size on a print changes with the drawing scale. The scales of the True Size item examples are noted. Where noted, use the Feature Definition rather than Element Template to place feature.

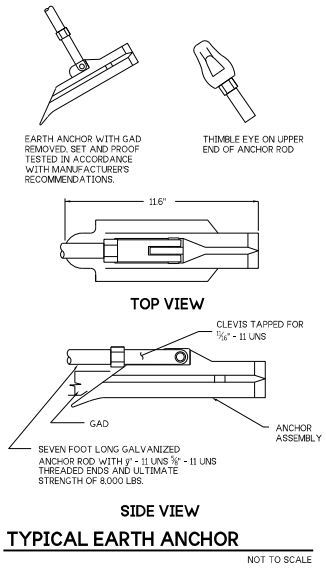
Sheet - Details - Landscape

Element Template (Level Name)	ByLevel Weight | ByLevel Style byLevel Color | Element Type	Example

EarthAnchor
SH_DT_DetailLevel1

Scale shown at : 50%

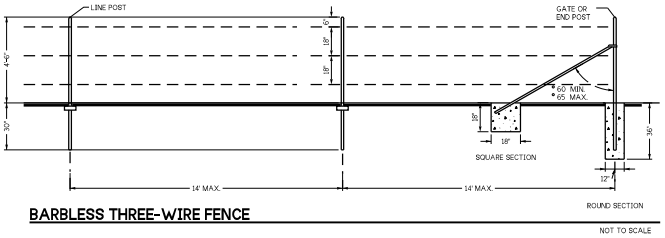
0 | 0
0 | Cell



FenceBarbless3Wire
SH_DT_DetailLevel1

Scale shown at : 40%

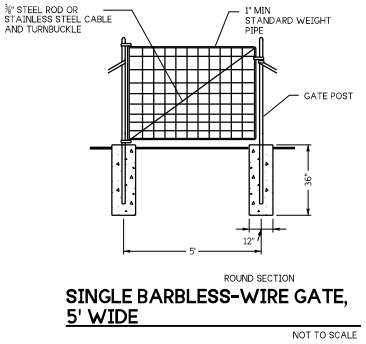
0 | 0
0 | Cell



GateBarblessWire5
SH_DT_DetailLevel1

Scale shown at : 50%

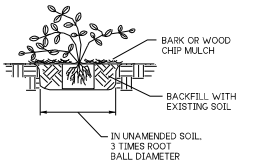
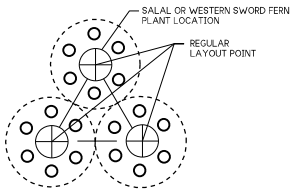
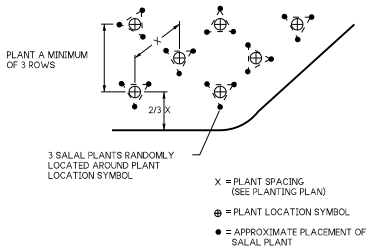
0 | 0
0 | Cell



S5.05 Standard Symbols (cont.)

Examples are shown at the correct size for all drawing scales printed to 11"x17" PS&E sheet, unless otherwise noted. Items flagged with an asterisk (*) are True Size items that always measure the same in ground units and their size on a print changes with the drawing scale. The scales of the True Size item examples are noted. Where noted, use the Feature Definition rather than Element Template to place feature.

Sheet - Details - Landscape

Element Template (Level Name)	ByLevel Weight | ByLevel Style / byLevel Color | Element Type	Example
GroundCover SH_DT_DetailLevel1 Scale shown at : 50%	0 | 0 0 | Cell	 GROUNDCOVER PLANTING NOT TO SCALE
GroundCoverLayout1 SH_DT_DetailLevel1 Scale shown at : 50%	0 | 0 0 | Cell	 GROUNDCOVER PLANT LAYOUT WITHIN SHRUB/TREE MIX NOT TO SCALE
GroundCoverLayout2 SH_DT_DetailLevel1 Scale shown at : 50%	0 | 0 0 | Cell	 SALAL PLANT LAYOUT NOT TO SCALE

S5.05 Standard Symbols (cont.)

Examples are shown at the correct size for all drawing scales printed to 11"x17" PS&E sheet, unless otherwise noted. Items flagged with an asterisk (*) are True Size items that always measure the same in ground units and their size on a print changes with the drawing scale. The scales of the True Size item examples are noted. Where noted, use the Feature Definition rather than Element Template to place feature.

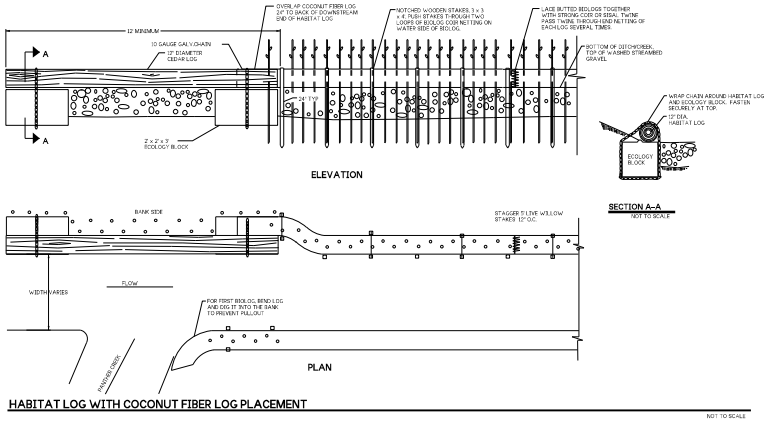
Sheet - Details - Landscape

Element Template (Level Name)	ByLevel Weight | ByLevel Style byLevel Color | Element Type	Example

HabitatLogWithCoconutFiber
SH_DT_DetailLevel1

Scale shown at : 30%

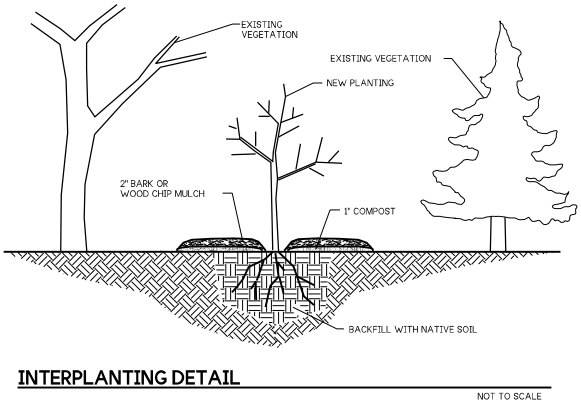
0 | 0
0 | Cell



Interplanting
SH_DT_DetailLevel1

Scale shown at : 50%

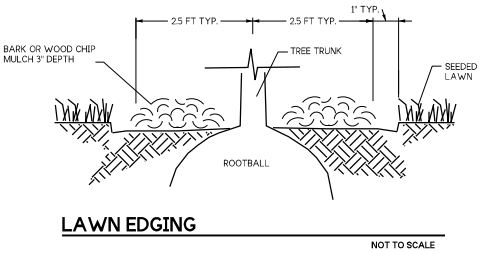
0 | 0
0 | Cell



LawnEdging
SH_DT_DetailLevel1

Scale shown at : 50%

0 | 0
0 | Cell



S5.05 Standard Symbols (cont.)

Examples are shown at the correct size for all drawing scales printed to 11"x17" PS&E sheet, unless otherwise noted. Items flagged with an asterisk (*) are True Size items that always measure the same in ground units and their size on a print changes with the drawing scale. The scales of the True Size item examples are noted. Where noted, use the Feature Definition rather than Element Template to place feature.

Sheet - Details - Landscape

Element Template (Level Name)

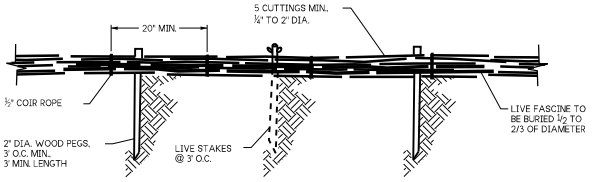
ByLevel Weight | ByLevel Style
byLevel Color | Element Type

Example

LiveFascineElevation
SH_DT_DetailLevel1

0 | 0
0 | Cell

Scale shown at : 50%

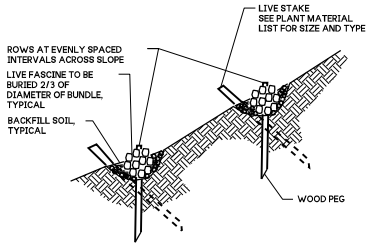


LIVE FASCINE
NOT TO SCALE

LiveFascineSection
SH_DT_DetailLevel1

0 | 0
0 | Cell

Scale shown at : 50%

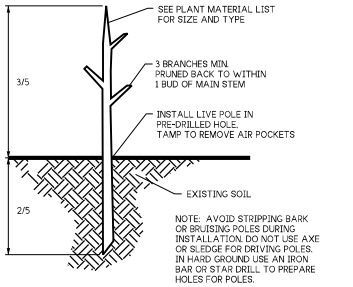


LIVE FASCINE SECTION
NOT TO SCALE

LivePoleInstallation
SH_DT_DetailLevel1

0 | 0
0 | Cell

Scale shown at : 50%

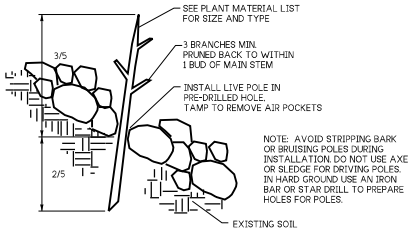
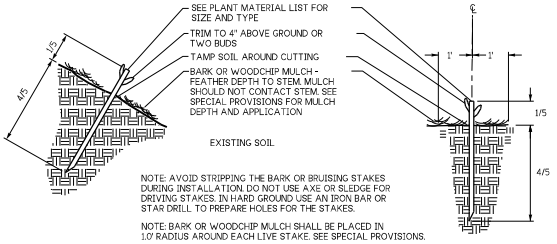
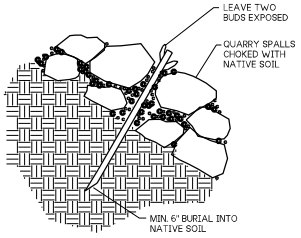


LIVE POLE INSTALLATION
NOT TO SCALE

S5.05 Standard Symbols (cont.)

Examples are shown at the correct size for all drawing scales printed to 11"x17" PS&E sheet, unless otherwise noted. Items flagged with an asterisk (*) are True Size items that always measure the same in ground units and their size on a print changes with the drawing scale. The scales of the True Size item examples are noted. Where noted, use the Feature Definition rather than Element Template to place feature.

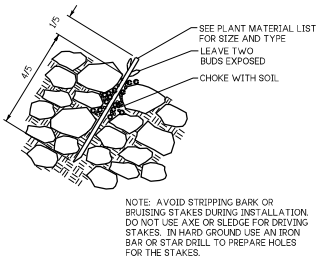
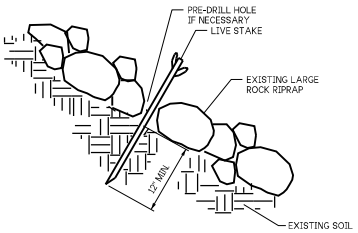
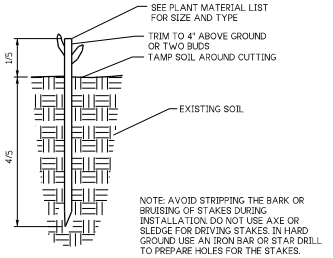
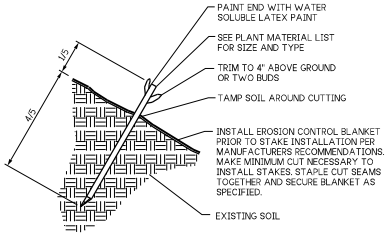
Sheet - Details - Landscape

Element Template (Level Name)	ByLevel Weight | ByLevel Style / byLevel Color | Element Type	Example
LivePoleInstallationRipRap SH_DT_DetailLevel1 Scale shown at : 50%	0 | 0 0 | Cell	 LIVE POLE INSTALLATION IN RIPRAP NOT TO SCALE
LiveStakeFlatAndSlope SH_DT_DetailLevel1 Scale shown at : 50%	0 | 0 0 | Cell	 LIVE STAKE INSTALLATION NOT TO SCALE
LiveStakeInQuarrySpalls SH_DT_DetailLevel1 Scale shown at : 50%	0 | 0 0 | Cell	 LIVE STAKE IN QUARRY SPALLS NOT TO SCALE

S5.05 Standard Symbols (cont.)

Examples are shown at the correct size for all drawing scales printed to 11"x17" PS&E sheet, unless otherwise noted. Items flagged with an asterisk (*) are True Size items that always measure the same in ground units and their size on a print changes with the drawing scale. The scales of the True Size item examples are noted. Where noted, use the Feature Definition rather than Element Template to place feature.

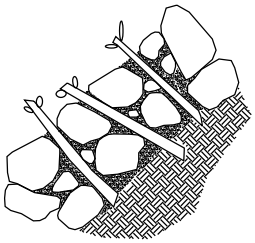
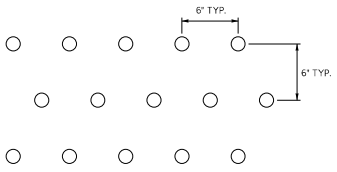
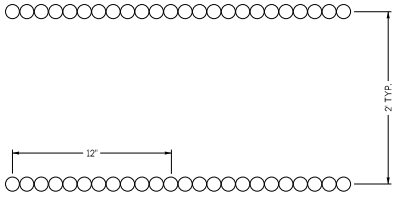
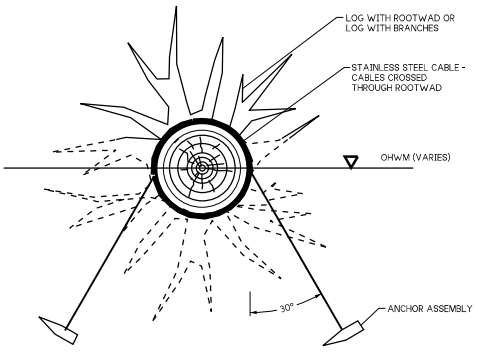
Sheet - Details - Landscape

Element Template (Level Name)	ByLevel Weight | ByLevel Style / byLevel Color | Element Type	Example
LiveStakeInRipRap1 SH_DT_DetailLevel1 Scale shown at : 50%	0 | 0 0 | Cell	 **LIVE STAKE INSTALLATION IN RIPRAP** NOT TO SCALE
LiveStakeInRipRap2 SH_DT_DetailLevel1 Scale shown at : 50%	0 | 0 0 | Cell	 **LIVE STAKE INSTALLATION IN RIPRAP** NOT TO SCALE
LiveStakeInstallation SH_DT_DetailLevel1 Scale shown at : 50%	0 | 0 0 | Cell	 **LIVE STAKE INSTALLATION** NOT TO SCALE
LiveStakeInstallationOnSlope SH_DT_DetailLevel1 Scale shown at : 50%	0 | 0 0 | Cell	 **LIVE STAKE INSTALLATION ON SLOPES** NOT TO SCALE

S5.05 Standard Symbols (cont.)

Examples are shown at the correct size for all drawing scales printed to 11"x17" PS&E sheet, unless otherwise noted. Items flagged with an asterisk (*) are True Size items that always measure the same in ground units and their size on a print changes with the drawing scale. The scales of the True Size item examples are noted. Where noted, use the Feature Definition rather than Element Template to place feature.

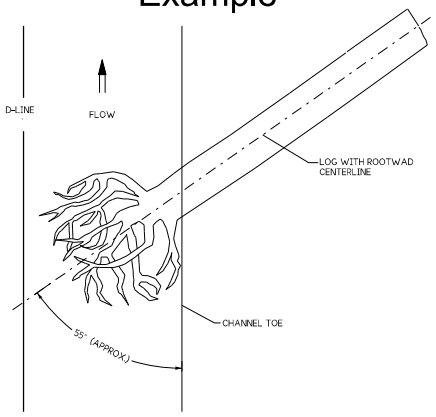
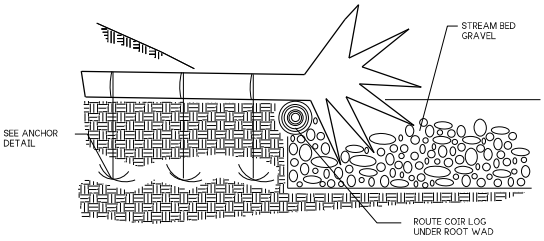
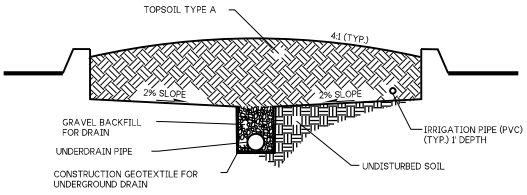
Sheet - Details - Landscape

Element Template (Level Name)	ByLevel Weight | ByLevel Style byLevel Color | Element Type	Example
LiveStakePlanting SH_DT_DetailLevel1 Scale shown at : 50%	0 | 0 0 | Cell	
LiveStakeRows1 SH_DT_DetailLevel1 Scale shown at : 50%	0 | 0 0 | Cell	 NOTE: LIVE STAKES SHALL BE AN EVEN MIXTURE OF 75% SITKA WILLOW AND 25% RED-OSIER DOGWOOD @ 6 STAKES PER L.F. **LIVE STAKE ROW** NOT TO SCALE
LiveStakeRows2 SH_DT_DetailLevel1 Scale shown at : 50%	0 | 0 0 | Cell	 NOTE: SITKA WILLOW LIVE STAKES SHALL BE PLACED @ 12 PER L.F. **LIVE STAKE ROW** NOT TO SCALE
LogAnchoring SH_DT_DetailLevel1 Scale shown at : 50%	0 | 0 0 | Cell	 STAINLESS STEEL CABLE ANCHOR ASSEMBLY IS EMBEDDED A MIN OF 10' OR TO REFUSAL **LOG WITH ROOTWAD AND LOG WITH BRANCHES ANCHORING** NOT TO SCALE

S5.05 Standard Symbols (cont.)

Examples are shown at the correct size for all drawing scales printed to 11"x17" PS&E sheet, unless otherwise noted. Items flagged with an asterisk (*) are True Size items that always measure the same in ground units and their size on a print changes with the drawing scale. The scales of the True Size item examples are noted. Where noted, use the Feature Definition rather than Element Template to place feature.

Sheet - Details - Landscape

Element Template (Level Name)	ByLevel Weight | ByLevel Style / byLevel Color | Element Type	Example
LogWithRootWad SH_DT_DetailLevel1 Scale shown at : 50%	0 | 0 0 | Cell	 **LOG WITH ROOTWAD PLACEMENT, PLAN VIEW** NOT TO SCALE
LogWithRootWadStreamSection SH_DT_DetailLevel1 Scale shown at : 50%	0 | 0 0 | Cell	 **STREAM SECTION AT ROOT WAD** NOT TO SCALE
MedianDrainage1 SH_DT_DetailLevel1 Scale shown at : 50%	0 | 0 0 | Cell	 **DRAINAGE FOR MEDIAN SECTION** NOT TO SCALE

S5.05 Standard Symbols (cont.)

Examples are shown at the correct size for all drawing scales printed to 11"x17" PS&E sheet, unless otherwise noted. Items flagged with an asterisk (*) are True Size items that always measure the same in ground units and their size on a print changes with the drawing scale. The scales of the True Size item examples are noted. Where noted, use the Feature Definition rather than Element Template to place feature.

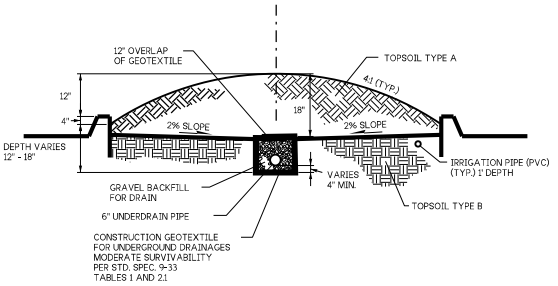
Sheet - Details - Landscape

Element Template (Level Name)	ByLevel Weight | ByLevel Style byLevel Color | Element Type	Example

MedianDrainage2
SH_DT_DetailLevel1

Scale shown at : 50%

0 | 0
0 | Cell

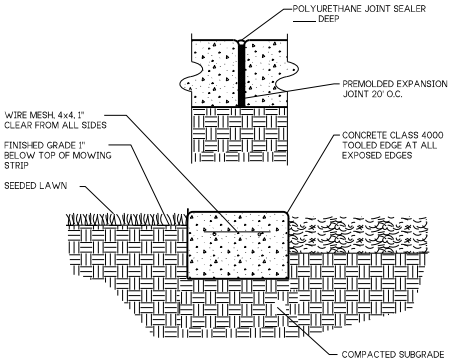


DRAINAGE FOR MEDIAN SECTION
NOT TO SCALE

MowingStrip
SH_DT_DetailLevel1

Scale shown at : 50%

0 | 0
0 | Cell

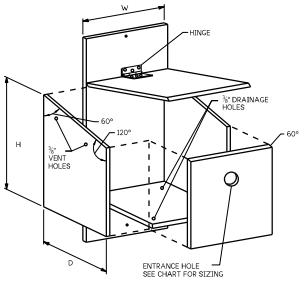


MOWING STRIP DETAIL
NOT TO SCALE

NestBox
SH_DT_DetailLevel1

Scale shown at : 40%

0 | 0
0 | Cell



NOTES:
1. MOUNT EACH NEST BOX ON CEDAR 4X4 AT THE HEIGHT INDICATED IN THE TABLE FROM GROUND, WHERE IT WILL RECEIVE SHADE AT LEAST PART OF THE DAY, FACING AWAY FROM THE PREVAILING WINDS.
2. ATTACH BOX TO POST USING 2½" MIN. WOOD SCREWS
3. USE 1" UNTREATED ROUGH CUT CEDAR AND GALVANIZED NAILS
4. FASTEN TOP TO FACE WITH SPRING-LOADED HOOK AND EYE OR APPROVED EQUAL

BIRDHOUSE SIZING / ENTRANCE HOLE SIZES

BIRD TYPE	HOLE SIZE (ROUND OR OVAL)	HEIGHT ABOVE FLOOR	BOX SIZE W X D X H	HEIGHT ABOVE GROUND
BARN SWALLOW	1 OPEN SIDE	N/A	6"X6"X6"	8' - 12'
CHICKADEE	1⅛" DIA.	6"	4"X4"X8"	6' - 15'
DOWNY WOODPECKER	1¼" DIA.	6"	4"X4"X10"	6' - 20'
FLICKER	2½" DIA.	18"	7"X7"X24"	6' - 20'
FLYCATCHER	2" DIA.	6"	6"X6"X8"	8' - 20'
HOODED MERGANSER	3"H X 4"W	19"	11"X9"X24"	20' - 30'
KESTREL	3" DIA.	12"	9"X9"X12"	10' - 30'
NUTHATCH	1¼" DIA.	6"	4"X4"X8"	12' - 20'
PILEATED WOODPECKER	4" DIA.	21"	10"X10"X24"	10' - 30'
SCREECH OWL	3" DIA.	12"	9"X9"X12"	10' - 30'
WESTERN BLUEBIRD	1½" DIA.	6"	6½"X9"X12"	5' - 10'
WOOD DUCK	3"H X 4"W	19"	11"X9"X24"	20' - 30'
WREN	1⅛" DIA.	6"	4"X4"X8"	6' - 10'

NEST BOX
NOT TO SCALE

S5.05 Standard Symbols (cont.)

Examples are shown at the correct size for all drawing scales printed to 11"x17" PS&E sheet, unless otherwise noted. Items flagged with an asterisk (*) are True Size items that always measure the same in ground units and their size on a print changes with the drawing scale. The scales of the True Size item examples are noted. Where noted, use the Feature Definition rather than Element Template to place feature.

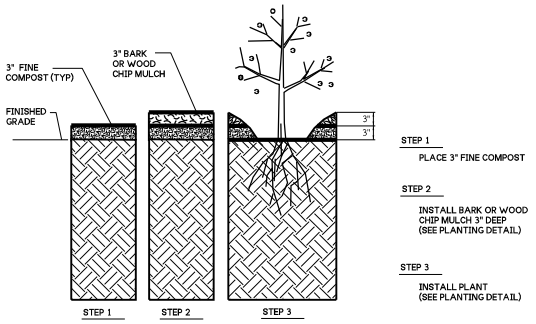
Sheet - Details - Landscape

Element Template (Level Name)	ByLevel Weight | ByLevel Style byLevel Color | Element Type	Example

PlantAfterBarkNoSA
SH_DT_DetailLevel1

Scale shown at : 50%

0 | 0
0 | Cell

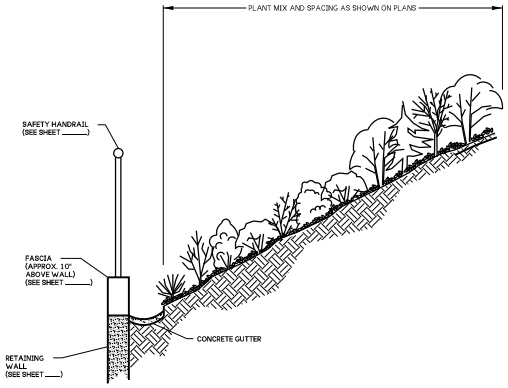


PLANTING AREA SOIL PREPARATION - SEQUENCE OF WORK
SECTION VIEW
NOT TO SCALE

PlantAreaAboveRetWall
SH_DT_DetailLevel1

Scale shown at : 40%

0 | 0
0 | Cell

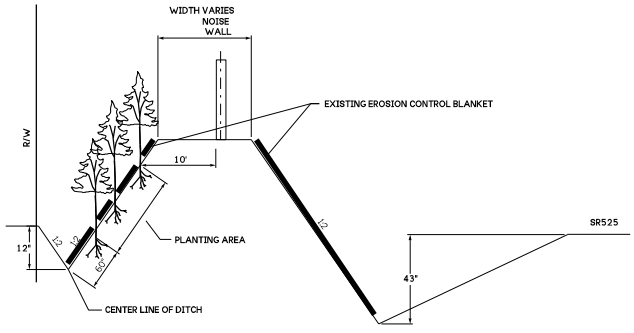


TYPICAL PLANTING/SETBACK ABOVE RETAINING WALL
NOT TO SCALE

PlantAreaBackBerm
SH_DT_DetailLevel1

Scale shown at : 50%

0 | 0
0 | Cell



TYPICAL PLANTING AREA FOR BACK OF BERM SECTION
NOT TO SCALE

S5.05 Standard Symbols (cont.)

Examples are shown at the correct size for all drawing scales printed to 11"x17" PS&E sheet, unless otherwise noted. Items flagged with an asterisk (*) are True Size items that always measure the same in ground units and their size on a print changes with the drawing scale. The scales of the True Size item examples are noted. Where noted, use the Feature Definition rather than Element Template to place feature.

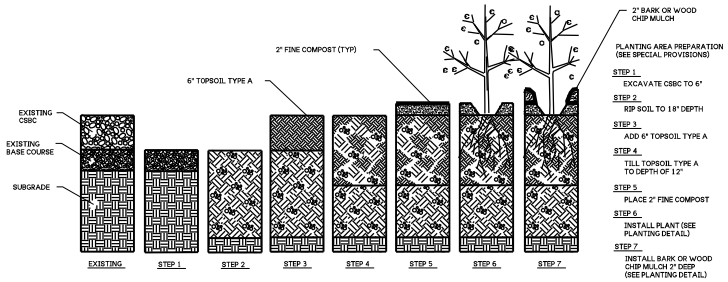
Sheet - Details - Landscape

Element Template (Level Name)	ByLevel Weight | ByLevel Style byLevel Color | Element Type	Example

PlantAreaSoilPrepInFormerRoad
SH_DT_DetailLevel1

0 | 0
0 | Cell

Scale shown at : 40%

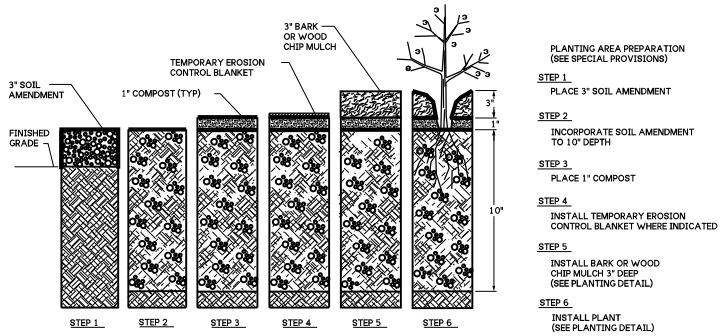


SOIL PREPARATION IN FORMER ROADWAY - SEQUENCE OF WORK
SECTION VIEW
NOT TO SCALE

PlantAreaWithErosionBlanket
SH_DT_DetailLevel1

0 | 0
0 | Cell

Scale shown at : 50%

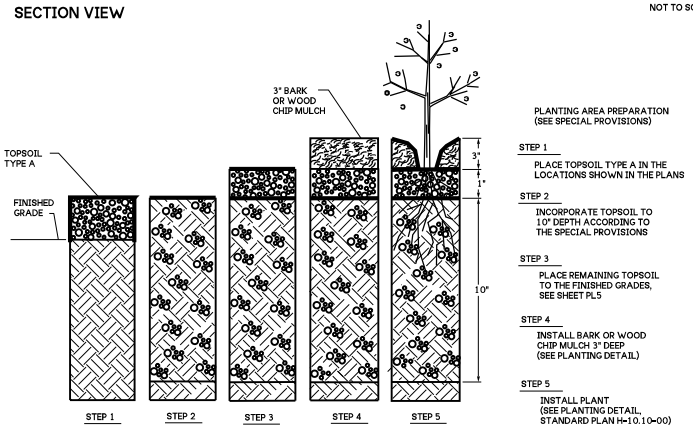


PLANTING AREA SOIL PREPARATION - SEQUENCE OF WORK
SECTION VIEW
NOT TO SCALE

PlantAreaWithTopSoil
SH_DT_DetailLevel1

0 | 0
0 | Cell

Scale shown at : 50%

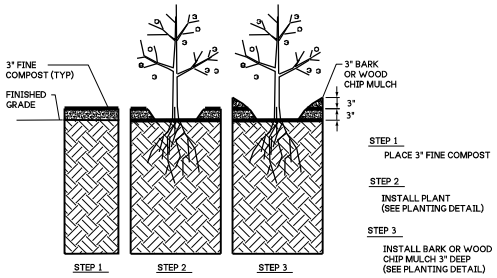
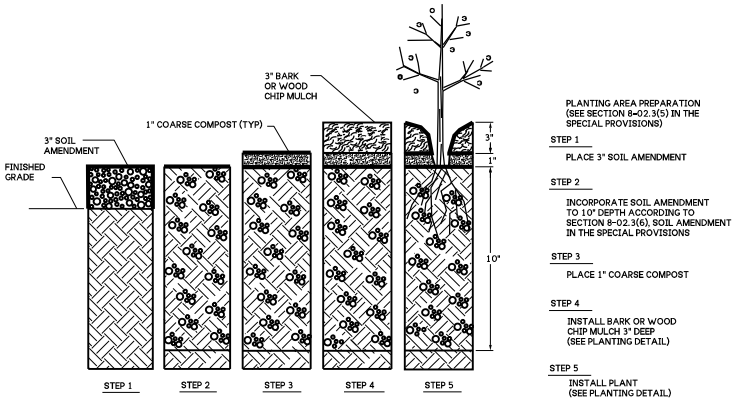
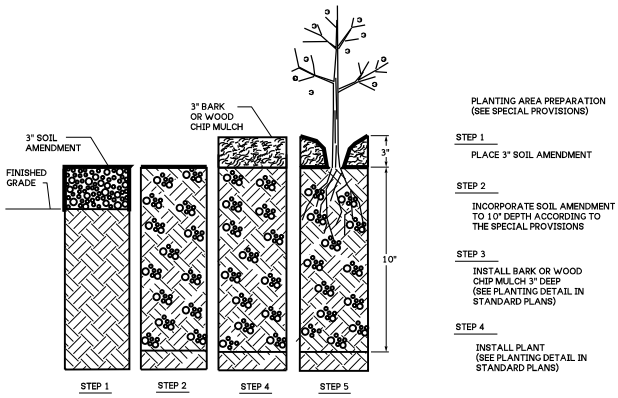


ROUNDABOUT AND TRAFFIC ISLAND
PLANTING AREA TOPSOIL INSTALLATION - SEQUENCE OF WORK
SECTION VIEW
NOT TO SCALE

S5.05 Standard Symbols (cont.)

Examples are shown at the correct size for all drawing scales printed to 11"x17" PS&E sheet, unless otherwise noted. Items flagged with an asterisk (*) are True Size items that always measure the same in ground units and their size on a print changes with the drawing scale. The scales of the True Size item examples are noted. Where noted, use the Feature Definition rather than Element Template to place feature.

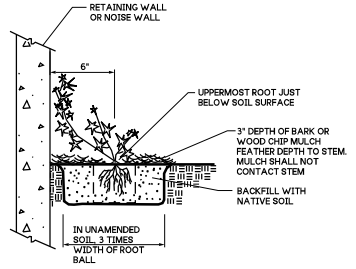
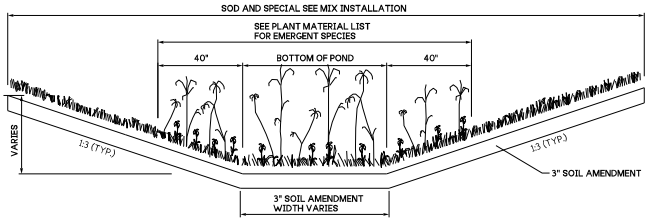
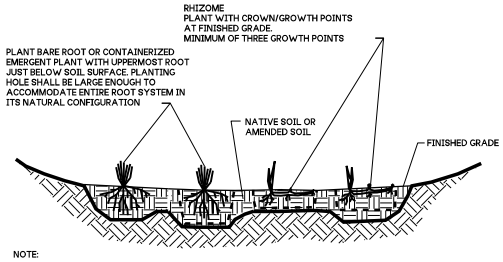
Sheet - Details - Landscape

Element Template (Level Name)	ByLevel Weight | ByLevel Style byLevel Color | Element Type	Example
PlantBeforeBarkNoSA SH_DT_DetailLevel1 Scale shown at : 50%	0 | 0 0 | Cell	 PLANTING AREA SOIL PREPARATION - SEQUENCE OF WORK SECTION VIEW NOT TO SCALE
PlantingAreaSoilPrep1 SH_DT_DetailLevel1 Scale shown at : 50%	0 | 0 0 | Cell	 PLANTING AREA SOIL PREPARATION - SEQUENCE OF WORK SECTION VIEW NOT TO SCALE
PlantingAreaSoilPrep2 SH_DT_DetailLevel1 Scale shown at : 50%	0 | 0 0 | Cell	 PLANTING AREA SOIL PREPARATION - SEQUENCE OF WORK SECTION VIEW NOT TO SCALE

S5.05 Standard Symbols (cont.)

Examples are shown at the correct size for all drawing scales printed to 11"x17" PS&E sheet, unless otherwise noted. Items flagged with an asterisk (*) are True Size items that always measure the same in ground units and their size on a print changes with the drawing scale. The scales of the True Size item examples are noted. Where noted, use the Feature Definition rather than Element Template to place feature.

Sheet - Details - Landscape

Element Template (Level Name)	ByLevel Weight | ByLevel Style byLevel Color | Element Type	Example
PlantingBostonIvy SH_DT_DetailLevel1 Scale shown at : 50%	0 | 0 0 | Cell	 TYPICAL BOSTON IVY PLANTING NOT TO SCALE
PlantingEmergentPond SH_DT_DetailLevel1 Scale shown at : 50%	0 | 0 0 | Cell	 EMERGENT PLANTED CELL / WET POND SECTION NOT TO SCALE
PlantingEmergentTuberRhizome SH_DT_DetailLevel1 Scale shown at : 50%	0 | 0 0 | Cell	 PLANTING DETAIL FOR BARE ROOT EMERGENT, CONTAINERIZED EMERGENT, TUBER OR RHIZOME NOT TO SCALE

S5.05 Standard Symbols (cont.)

Examples are shown at the correct size for all drawing scales printed to 11"x17" PS&E sheet, unless otherwise noted. Items flagged with an asterisk (*) are True Size items that always measure the same in ground units and their size on a print changes with the drawing scale. The scales of the True Size item examples are noted. Where noted, use the Feature Definition rather than Element Template to place feature.

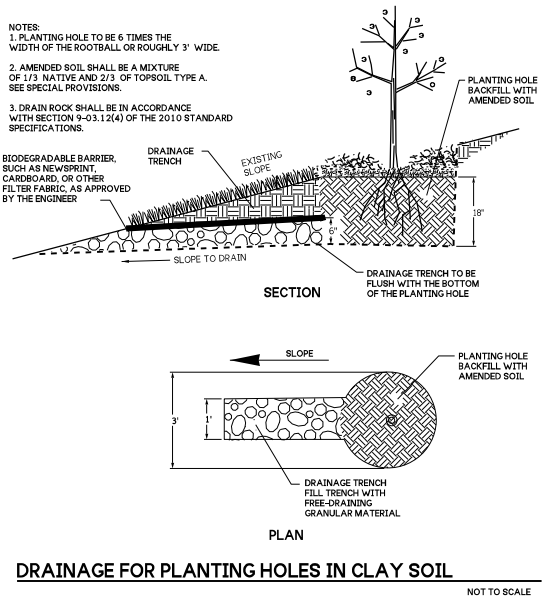
Sheet - Details - Landscape

Element Template (Level Name)	ByLevel Weight | ByLevel Style byLevel Color | Element Type	Example

PlantingHoleWDrainage
SH_DT_DetailLevel1

Scale shown at : 50%

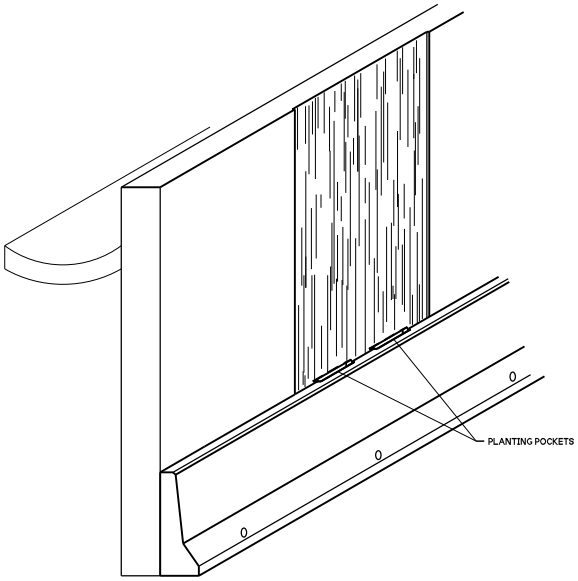
0 | 0
0 | Cell



PlantingPocket
SH_DT_DetailLevel1

Scale shown at : 50%

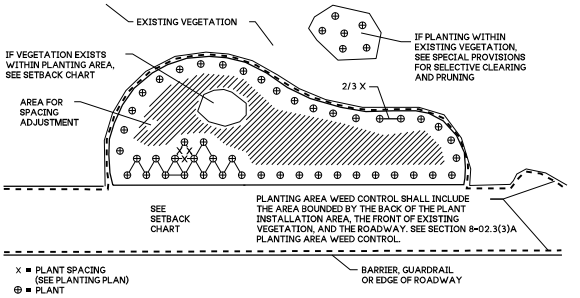
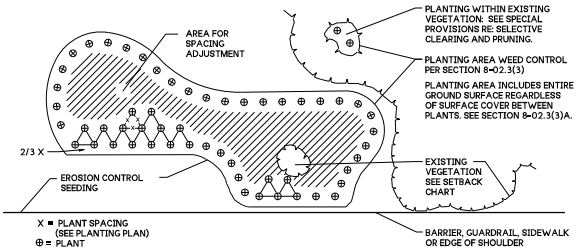
0 | 0
0 | Cell



S5.05 Standard Symbols (cont.)

Examples are shown at the correct size for all drawing scales printed to 11"x17" PS&E sheet, unless otherwise noted. Items flagged with an asterisk (*) are True Size items that always measure the same in ground units and their size on a print changes with the drawing scale. The scales of the True Size item examples are noted. Where noted, use the Feature Definition rather than Element Template to place feature.

Sheet - Details - Landscape

Element Template (Level Name)	ByLevel Weight | ByLevel Style byLevel Color | Element Type	Example
PlantLayout1 SH_DT_DetailLevel1 Scale shown at : 50%	0 | 0 0 | Cell	 PLANTING AREA LAYOUT, SETBACK, AND WEED CONTROL NOT TO SCALE
PlantLayout2 SH_DT_DetailLevel1 Scale shown at : 50%	0 | 0 0 | Cell	 PLANTING AREA LAYOUT, SETBACK, AND WEED CONTROL NOT TO SCALE
PlantMaterialList SH_DT_DetailLevel1 Scale shown at : 40%	0 | 0 0 | Cell	PLANT MATERIAL LIST (see table below) NOTES: 1. IF A CONFLICT OCCURS BETWEEN THE AMERICAN STANDARD FOR NURSERY STOCK AND THESE SPECIFICATIONS THEN THESE SPECIFICATIONS SHALL APPLY. 2. SPECIFICATIONS FOR SIZE AND CONDITION ARE MINIMUM. 3. ALL PLANT MATERIALS SHALL BE NURSERY GROWN STOCK. 4. PLANTS SHALL BE RANDOMLY MIXED THROUGHOUT EACH PLANTING ZONE AS APPROVED BY THE ENGINEER. SEE SCHEDULE FOR MIN. GROUPINGS OF EACH SPECIES. 5. ALL TREES REQUIRING STAKING SHALL BE STAKED AND SECURED WITHIN 48 HOURS AFTER PLANTING. 6. ALL TREE/SHRUB PLANTINGS SHALL BE SETBACK A MIN. OF 5 FEET FROM ALL PAVEMENT EDGES, EXCEPT WHERE NOTED. (SEE SETBACK CHART)

COMMON NAME	BOTANICAL NAME	QUANTITY	SIZE	ROOT CONDITION	REMARKS
TREES	TREES				
BIGLEAF MAPLE	ACER MACROPHYLLUM		18 IN. HT.	NO. 1 CONT.	
DOUGLAS FIR	PSEUDOTSUGA MENZIESII		18 IN.HT.	NO. 2 CONT.	WELL-BRANCHED, NO SHEARED TREES
WESTERN RED CEDAR	THUJA PLICATA		18 IN.HT.	NO. 2 CONT.	
SHRUBS	SHRUBS				
OCEANSPRAY	HOLODISCUS DISCOLOR			NO. 1 CONT.	
SCOULER'S WILLOW	SALIX SCOULERIANA			NO. 1 CONT.	
VINE MAPLE	ACER CIRCINATUM			NO. 1 CONT.	
EMERGENTS	EMERGENTS				
SLOUGH SEDGE	CAREX OBNUPTA			BARE ROOT	ONE OR MORE GROWTH POINTS
SMALL-FRUITED BULRUSH	SCIRPUS MICROCARPUS			BARE ROOT	ONE OR MORE GROWTH POINTS
LIVE STAKES	LIVE STAKES				
RED-OSIER DOGWOOD	CORNUS SERICEA			LIVE STAKE	
SCOULER'S WILLOW	SALIX SCOULERIANA			LIVE STAKE	

S5.05 Standard Symbols (cont.)

Examples are shown at the correct size for all drawing scales printed to 11"x17" PS&E sheet, unless otherwise noted. Items flagged with an asterisk (*) are True Size items that always measure the same in ground units and their size on a print changes with the drawing scale. The scales of the True Size item examples are noted. Where noted, use the Feature Definition rather than Element Template to place feature.

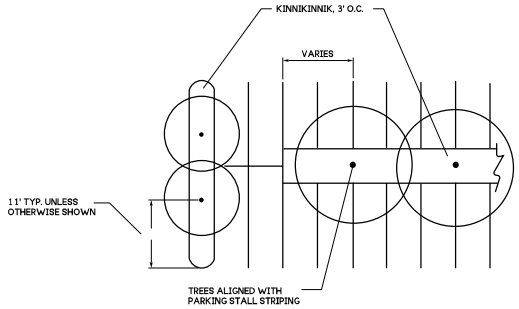
Sheet - Details - Landscape

Element Template (Level Name)	ByLevel Weight | ByLevel Style byLevel Color | Element Type	Example

PlantSpacingIsland
SH_DT_DetailLevel1

Scale shown at : 50%

0 | 0
0 | Cell



PLAN

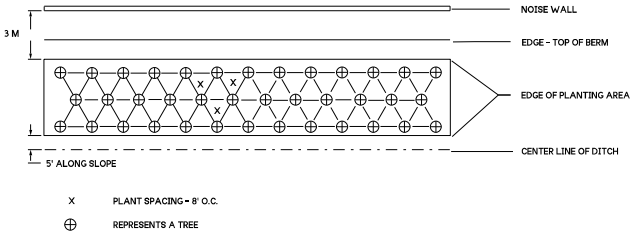
ISLAND PLANTING SPACING, TYP.

NOT TO SCALE

PlantSpacingRectangular
SH_DT_DetailLevel1

Scale shown at : 50%

0 | 0
0 | Cell



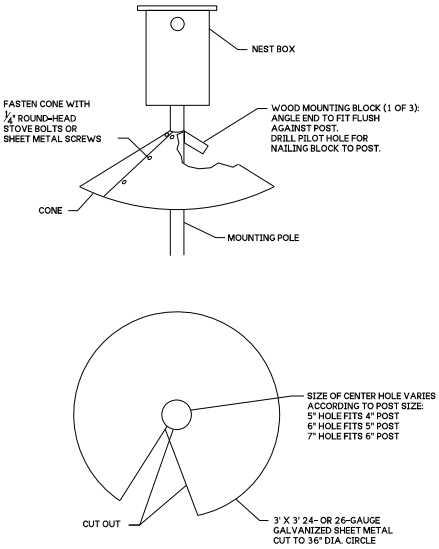
TYPICAL PLANT SPACING

NOT TO SCALE

PredatorGuardForNestBox
SH_DT_DetailLevel1

Scale shown at : 50%

0 | 0
0 | Cell



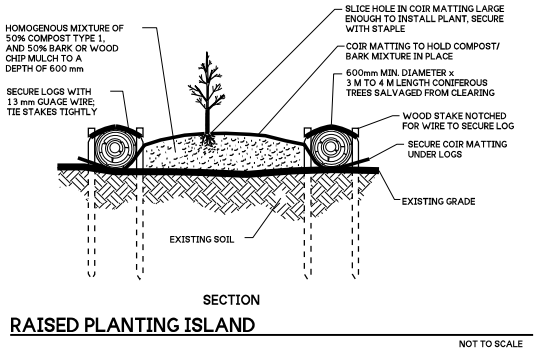
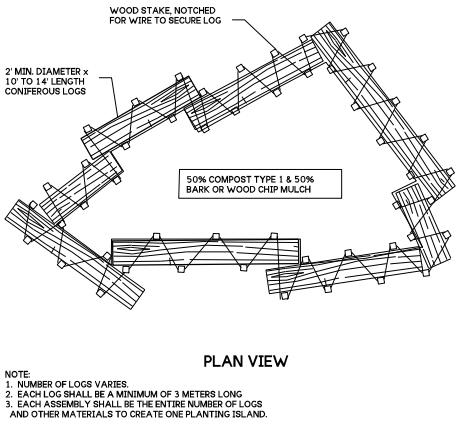
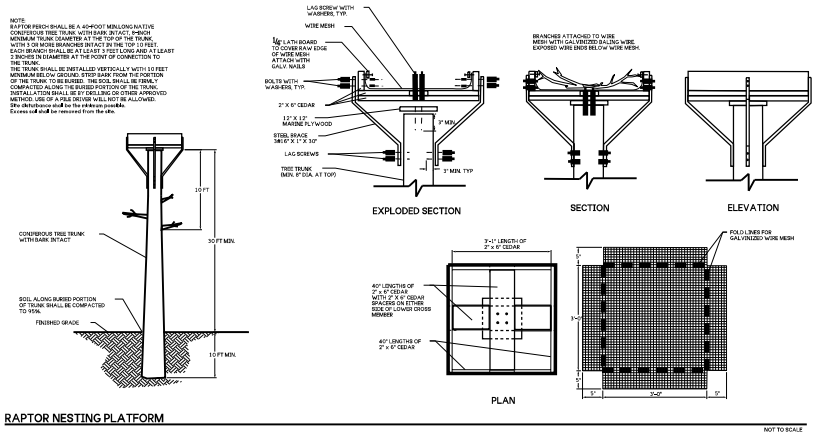
PREDATOR GUARD FOR NEST BOX

NOT TO SCALE

S5.05 Standard Symbols (cont.)

Examples are shown at the correct size for all drawing scales printed to 11"x17" PS&E sheet, unless otherwise noted. Items flagged with an asterisk (*) are True Size items that always measure the same in ground units and their size on a print changes with the drawing scale. The scales of the True Size item examples are noted. Where noted, use the Feature Definition rather than Element Template to place feature.

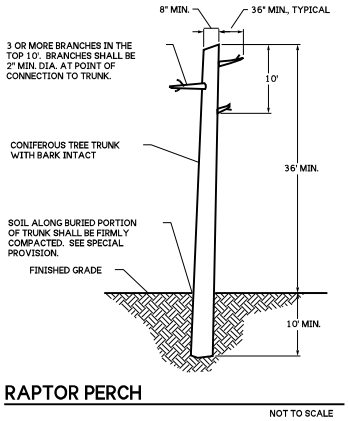
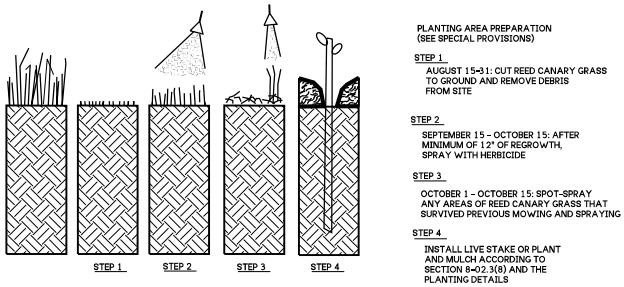
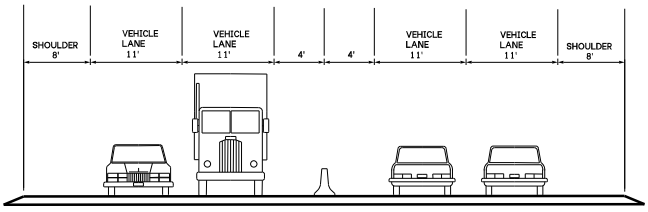
Sheet - Details - Landscape

Element Template (Level Name)	ByLevel Weight | ByLevel Style byLevel Color | Element Type	Example
RaisedPlanting1 SH_DT_DetailLevel1 Scale shown at : 50%	0 | 0 0 | Cell	
RaisedPlanting2 SH_DT_DetailLevel1 Scale shown at : 50%	0 | 0 0 | Cell	
RaptorNestingPlatform SH_DT_DetailLevel1 Scale shown at : 30%	0 | 0 0 | Cell	

S5.05 Standard Symbols (cont.)

Examples are shown at the correct size for all drawing scales printed to 11"x17" PS&E sheet, unless otherwise noted. Items flagged with an asterisk (*) are True Size items that always measure the same in ground units and their size on a print changes with the drawing scale. The scales of the True Size item examples are noted. Where noted, use the Feature Definition rather than Element Template to place feature.

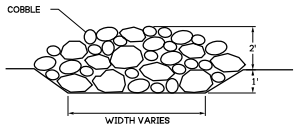
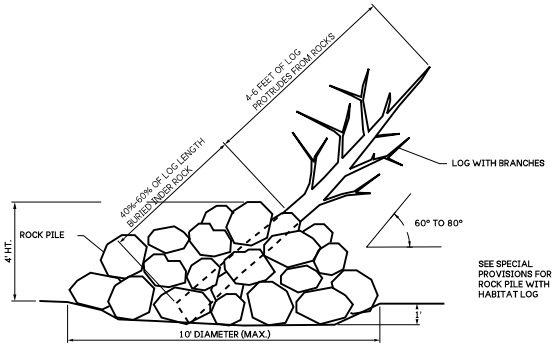
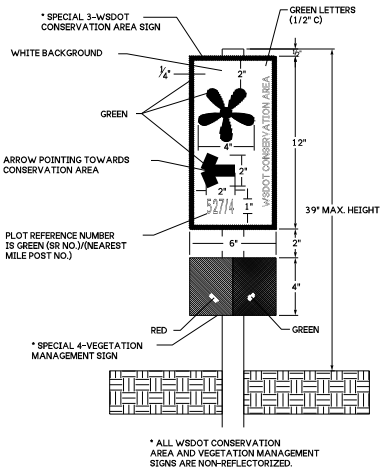
Sheet - Details - Landscape

Element Template (Level Name)	ByLevel Weight | ByLevel Style byLevel Color | Element Type	Example
RaptorPerch SH_DT_DetailLevel1 Scale shown at : 50%	0 | 0 0 | Cell	 **RAPTOR PERCH** NOT TO SCALE
ReedCanaryGrassControl SH_DT_DetailLevel1 Scale shown at : 50%	0 | 0 0 | Cell	 **REED CANARY GRASS CONTROL - SEQUENCE OF WORK** NOT TO SCALE
RoadwaySection SH_DT_DetailLevel1 Scale shown at : 50%	0 | 0 0 | Cell	

S5.05 Standard Symbols (cont.)

Examples are shown at the correct size for all drawing scales printed to 11"x17" PS&E sheet, unless otherwise noted. Items flagged with an asterisk (*) are True Size items that always measure the same in ground units and their size on a print changes with the drawing scale. The scales of the True Size item examples are noted. Where noted, use the Feature Definition rather than Element Template to place feature.

Sheet - Details - Landscape

Element Template (Level Name)	ByLevel Weight | ByLevel Style byLevel Color | Element Type	Example
RockPile SH_DT_DetailLevel1 Scale shown at : 50%	0 | 0 0 | Cell	 ROCK PILE DETAIL NOT TO SCALE
RockPileWithHabitatLog SH_DT_DetailLevel1 Scale shown at : 50%	0 | 0 0 | Cell	 ROCK PILE WITH HABITAT LOG NOT TO SCALE
SignConservationAreaLeft SH_DT_DetailLevel1 Scale shown at : 50%	0 | 0 0 | Cell	 CONSERVATION AREA SIGN NO SCALE

S5.05 Standard Symbols (cont.)

Examples are shown at the correct size for all drawing scales printed to 11"x17" PS&E sheet, unless otherwise noted. Items flagged with an asterisk (*) are True Size items that always measure the same in ground units and their size on a print changes with the drawing scale. The scales of the True Size item examples are noted. Where noted, use the Feature Definition rather than Element Template to place feature.

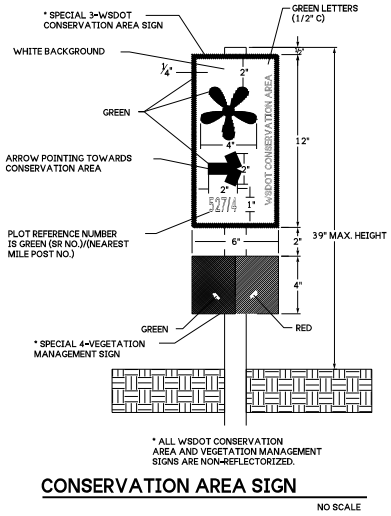
Sheet - Details - Landscape

Element Template (Level Name)	ByLevel Weight | ByLevel Style byLevel Color | Element Type	Example

SignConservationAreaRight
SH_DT_DetailLevel1

Scale shown at : 50%

0 | 0
0 | Cell

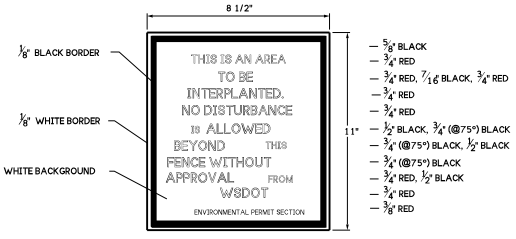


CONSERVATION AREA SIGN
NO SCALE

SignInterplanting
SH_DT_DetailLevel1

Scale shown at : 50%

0 | 0
0 | Cell



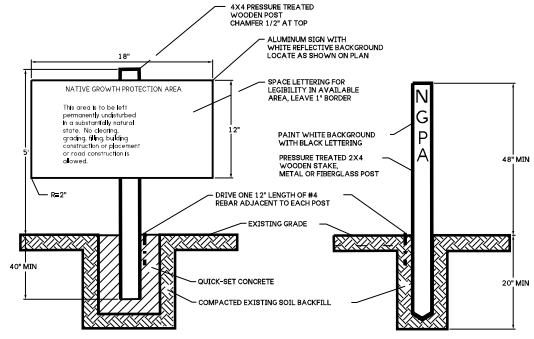
NOTE:
SEE SPECIAL PROVISIONS FOR SIGN SPACING.

SENSITIVE AREA SIGN
NOT TO SCALE

SignNativeGrowthProtectionArea
SH_DT_DetailLevel1

Scale shown at : 40%

0 | 0
0 | Cell



TYPE 1 SIGN TYPE 2 SIGN

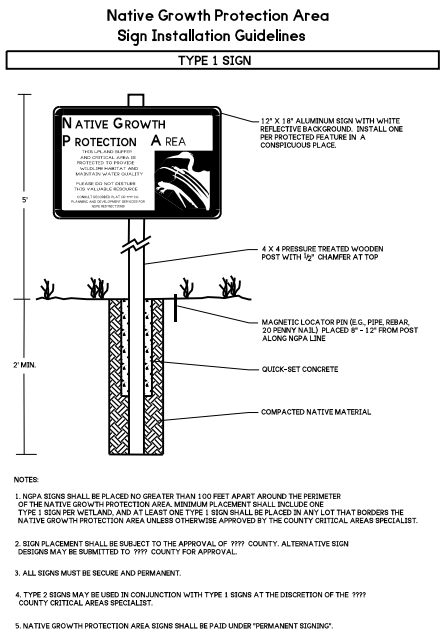
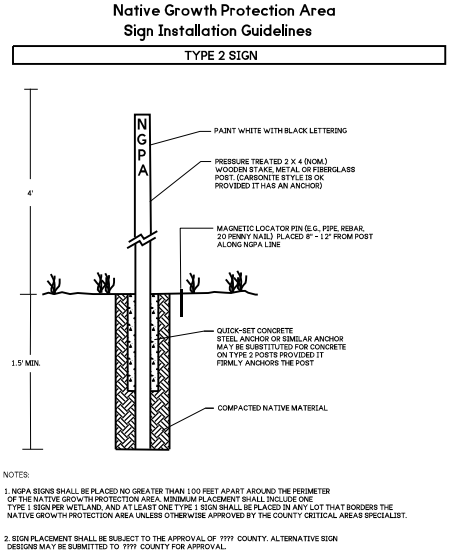
NOTES:
1. PERMANENTLY INSTALL SIGNS AS SHOWN ON PLAN. LOCATE AT LEAST ONE TYPE 1 SIGN PER PROTECTED FEATURE IN A CONSPICUOUS PLACE.
2. PLACE TYPE 2 SIGNS AT 30m INTERVALS ALONG THE BOUNDARY OF THE NATIVE GROWTH PROTECTION AREA.

NATIVE GROWTH PROTECTION AREA SIGNS
NOT TO SCALE

S5.05 Standard Symbols (cont.)

Examples are shown at the correct size for all drawing scales printed to 11"x17" PS&E sheet, unless otherwise noted. Items flagged with an asterisk (*) are True Size items that always measure the same in ground units and their size on a print changes with the drawing scale. The scales of the True Size item examples are noted. Where noted, use the Feature Definition rather than Element Template to place feature.

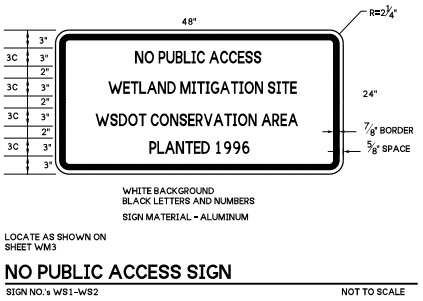
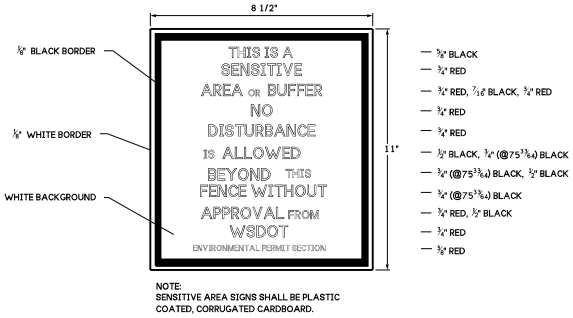
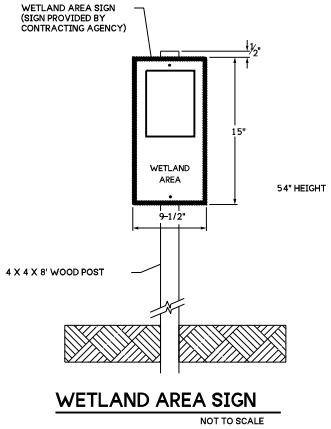
Sheet - Details - Landscape

Element Template (Level Name)	ByLevel Weight | ByLevel Style byLevel Color | Element Type	Example
SignNGPA1 SH_DT_DetailLevel1 Scale shown at : 40%	0 | 0 0 | Cell	
SignNGPA2 SH_DT_DetailLevel1 Scale shown at : 40%	0 | 0 0 | Cell	

S5.05 Standard Symbols (cont.)

Examples are shown at the correct size for all drawing scales printed to 11"x17" PS&E sheet, unless otherwise noted. Items flagged with an asterisk (*) are True Size items that always measure the same in ground units and their size on a print changes with the drawing scale. The scales of the True Size item examples are noted. Where noted, use the Feature Definition rather than Element Template to place feature.

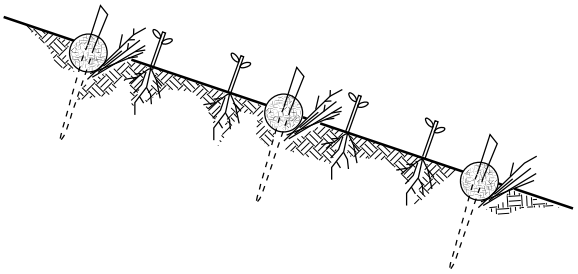
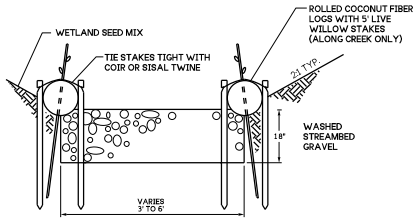
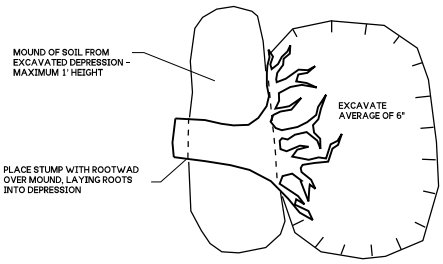
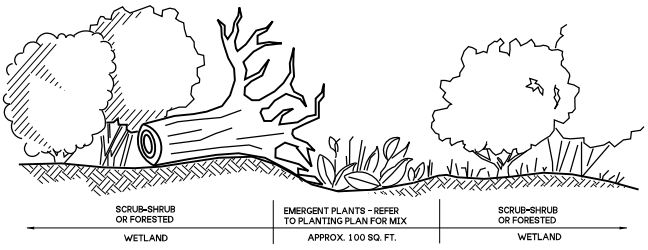
Sheet - Details - Landscape

Element Template (Level Name)	ByLevel Weight | ByLevel Style byLevel Color | Element Type	Example
SignNoPublicAccess SH_DT_DetailLevel1 Scale shown at : 50%	0 | 0 0 | Cell	 **NO PUBLIC ACCESS SIGN** SIGN NO.'s WS1-WS2 NOT TO SCALE
SignSensitiveAreaOrBuffer SH_DT_DetailLevel1 Scale shown at : 50%	0 | 0 0 | Cell	 NOTE: SENSITIVE AREA SIGNS SHALL BE PLASTIC COATED, CORRUGATED CARDBOARD. **SENSITIVE AREA SIGN** NOT TO SCALE
SignWetlandArea SH_DT_DetailLevel1 Scale shown at : 50%	0 | 0 0 | Cell	 **WETLAND AREA SIGN** NOT TO SCALE

S5.05 Standard Symbols (cont.)

Examples are shown at the correct size for all drawing scales printed to 11"x17" PS&E sheet, unless otherwise noted. Items flagged with an asterisk (*) are True Size items that always measure the same in ground units and their size on a print changes with the drawing scale. The scales of the True Size item examples are noted. Where noted, use the Feature Definition rather than Element Template to place feature.

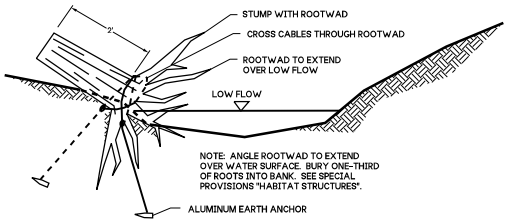
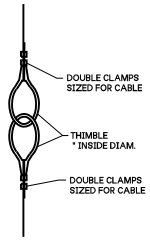
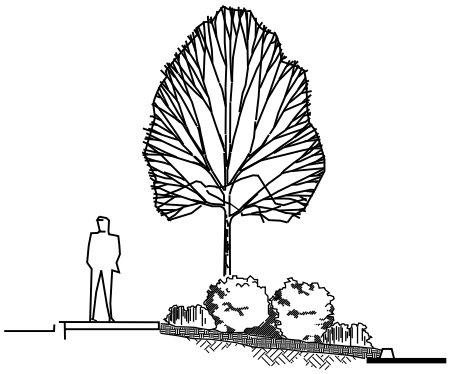
Sheet - Details - Landscape

Element Template (Level Name)	ByLevel Weight | ByLevel Style byLevel Color | Element Type	Example
SlopeTreatment SH_DT_DetailLevel1 Scale shown at : 50%	0 | 0 0 | Cell	
StreamSectionTypical SH_DT_DetailLevel1 Scale shown at : 50%	0 | 0 0 | Cell	 TYPICAL STREAM SECTION NOT TO SCALE
StumpDepressionPlanting SH_DT_DetailLevel1 Scale shown at : 50%	0 | 0 0 | Cell	 PLAN NOTES: 1. DEPRESSION SHALL BE NO MORE THAN 8" DEEP AT DEEPEST POINT. 2. MOUND UNDER STUMP SHALL BE NO MORE THAN 12" IN HEIGHT. 3. TOTAL SIZE OF DEPRESSION SHALL BE 100 SQUARE FEET OR LESS.  ELEVATION TYPICAL STUMP DEPRESSION PLANTING DETAIL NOT TO SCALE

S5.05 Standard Symbols (cont.)

Examples are shown at the correct size for all drawing scales printed to 11"x17" PS&E sheet, unless otherwise noted. Items flagged with an asterisk (*) are True Size items that always measure the same in ground units and their size on a print changes with the drawing scale. The scales of the True Size item examples are noted. Where noted, use the Feature Definition rather than Element Template to place feature.

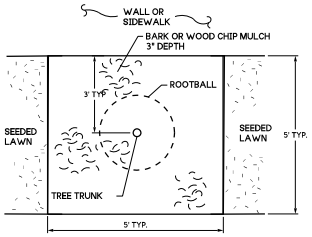
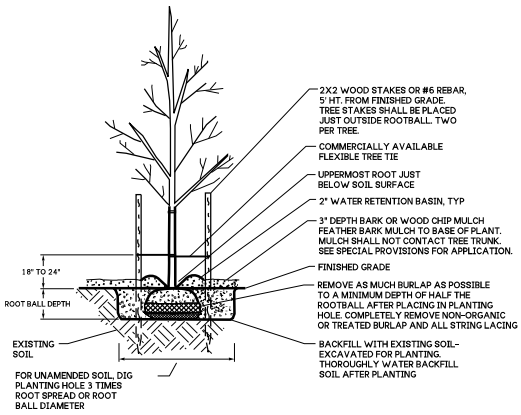
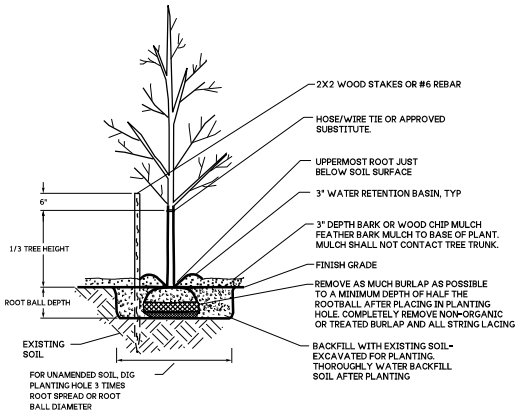
Sheet - Details - Landscape

Element Template (Level Name)	ByLevel Weight | ByLevel Style / byLevel Color | Element Type	Example
StumpWithRootwadAnchoring SH_DT_DetailLevel1 Scale shown at : 50%	0 | 0 0 | Cell	 STUMP WITH ROOTWAD ANCHORING NOT TO SCALE
ThimbleCableAttach SH_DT_DetailLevel1 Scale shown at : 50%	0 | 0 0 | Cell	 THIMBLE DETAIL NOT TO SCALE
TreeElev SH_DT_DetailLevel1 USE FEATURE DEFINITION: Point\Environmental\Landscape\TreeElev Scale shown at : 50%	0 | 0 0 | Cell	

S5.05 Standard Symbols (cont.)

Examples are shown at the correct size for all drawing scales printed to 11"x17" PS&E sheet, unless otherwise noted. Items flagged with an asterisk (*) are True Size items that always measure the same in ground units and their size on a print changes with the drawing scale. The scales of the True Size item examples are noted. Where noted, use the Feature Definition rather than Element Template to place feature.

Sheet - Details - Landscape

Element Template (Level Name)	ByLevel Weight | ByLevel Style byLevel Color | Element Type	Example
TreePitPlanting SH_DT_DetailLevel1 Scale shown at : 50%	0 | 0 0 | Cell	 TREE PIT LIMIT OF EXCAVATION 5 FT X 5 FT (TYP.) **TREE PIT PLANTING** NOT TO SCALE
TreePlantingAndStakingA SH_DT_DetailLevel1 Scale shown at : 50%	0 | 0 0 | Cell	 **TREE PLANTING AND STAKING** BALLED AND BURLAPPED NOT TO SCALE
TreePlantingAndStakingB SH_DT_DetailLevel1 Scale shown at : 50%	0 | 0 0 | Cell	 **TREE PLANTING AND STAKING** BALLED AND BURLAPPED NOT TO SCALE

S5.05 Standard Symbols (cont.)

Examples are shown at the correct size for all drawing scales printed to 11"x17" PS&E sheet, unless otherwise noted. Items flagged with an asterisk (*) are True Size items that always measure the same in ground units and their size on a print changes with the drawing scale. The scales of the True Size item examples are noted. Where noted, use the Feature Definition rather than Element Template to place feature.

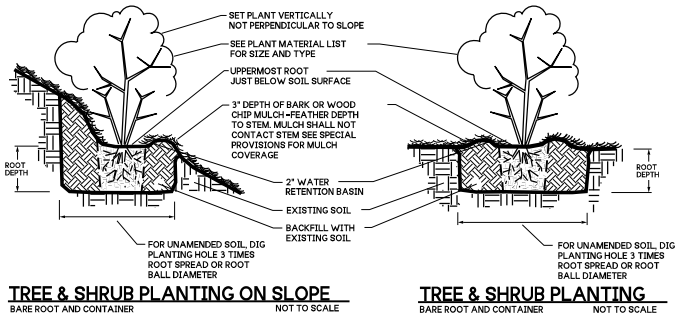
Sheet - Details - Landscape

Element Template (Level Name)	ByLevel Weight | ByLevel Style byLevel Color | Element Type	Example

TreeShrubPlantingA
SH_DT_DetailLevel1

Scale shown at : 50%

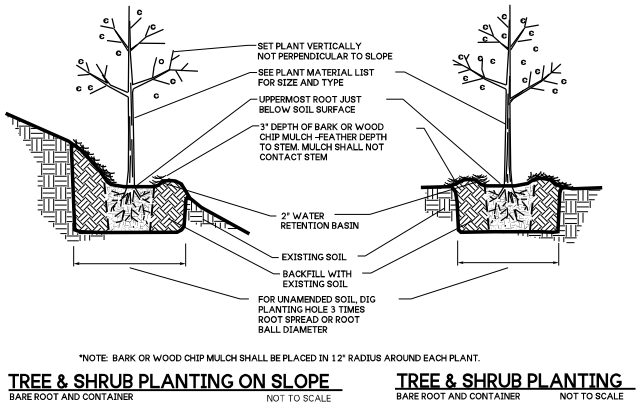
0 | 0
0 | Cell



TreeShrubPlantingB
SH_DT_DetailLevel1

Scale shown at : 50%

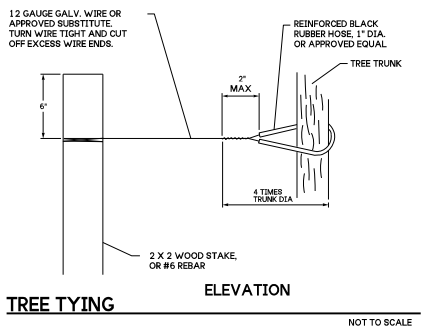
0 | 0
0 | Cell



TreeTyingElev
SH_DT_DetailLevel1

Scale shown at : 50%

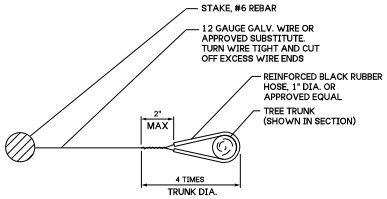
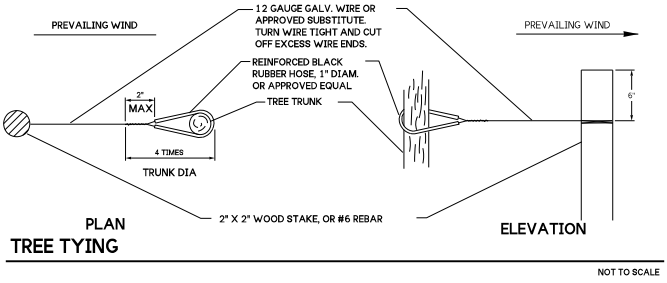
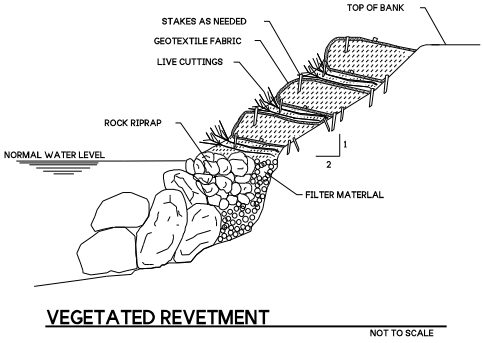
0 | 0
0 | Cell



S5.05 Standard Symbols (cont.)

Examples are shown at the correct size for all drawing scales printed to 11"x17" PS&E sheet, unless otherwise noted. Items flagged with an asterisk (*) are True Size items that always measure the same in ground units and their size on a print changes with the drawing scale. The scales of the True Size item examples are noted. Where noted, use the Feature Definition rather than Element Template to place feature.

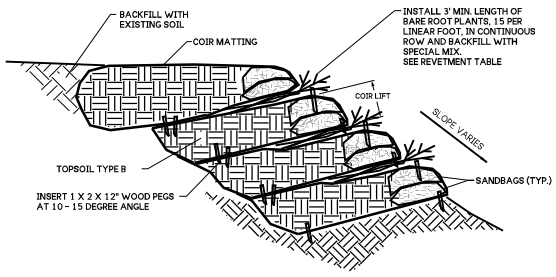
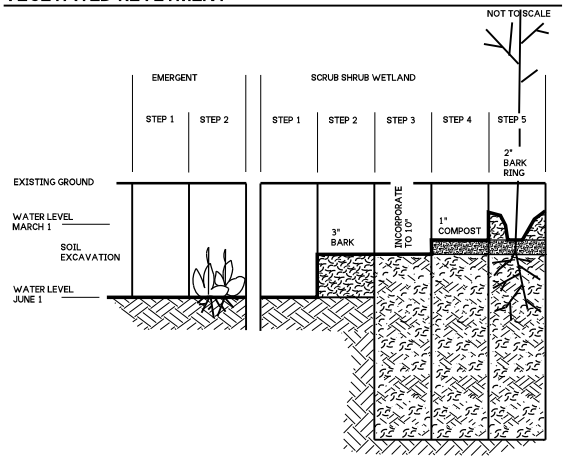
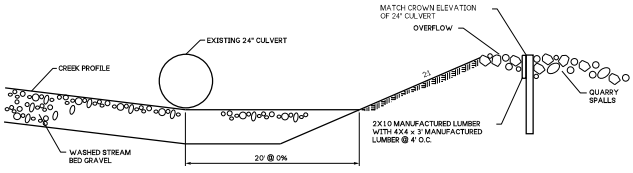
Sheet - Details - Landscape

Element Template (Level Name)	ByLevel Weight | ByLevel Style byLevel Color | Element Type	Example
TreeTyingPlan SH_DT_DetailLevel1 Scale shown at : 50%	0 | 0 0 | Cell	
TreeTyingPlanAndElev SH_DT_DetailLevel1 Scale shown at : 50%	0 | 0 0 | Cell	
VegetatedRevetment1 SH_DT_DetailLevel1 Scale shown at : 50%	0 | 0 0 | Cell	

S5.05 Standard Symbols (cont.)

Examples are shown at the correct size for all drawing scales printed to 11"x17" PS&E sheet, unless otherwise noted. Items flagged with an asterisk (*) are True Size items that always measure the same in ground units and their size on a print changes with the drawing scale. The scales of the True Size item examples are noted. Where noted, use the Feature Definition rather than Element Template to place feature.

Sheet - Details - Landscape

Element Template (Level Name)	ByLevel Weight | ByLevel Style byLevel Color | Element Type	Example
VegetatedRevetment2 SH_DT_DetailLevel1 Scale shown at : 50%	0 | 0 0 | Cell	 VEGETATED REVETMENT
WetlandCreation SH_DT_DetailLevel1 Scale shown at : 50%	0 | 0 0 | Cell	 WETLAND CREATION - SEQUENCE OF WORK NOT TO SCALE
WoodWeirInBerm SH_DT_DetailLevel1 Scale shown at : 40%	0 | 0 0 | Cell	 WOOD WEIR IN BERM DETAIL NOT TO SCALE

S5.05 Standard Symbols (cont.)

Examples are shown at the correct size for all drawing scales printed to 11"x17" PS&E sheet, unless otherwise noted. Items flagged with an asterisk (*) are True Size items that always measure the same in ground units and their size on a print changes with the drawing scale. The scales of the True Size item examples are noted. Where noted, use the Feature Definition rather than Element Template to place feature.

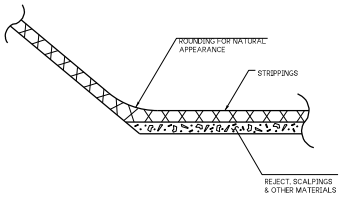
Sheet - Details - MitigationSite

Element Template (Level Name)	ByLevel Weight | ByLevel Style byLevel Color | Element Type	Example

PitOrQuarryFloorDetail
SH_DT_DetailLevel1

Scale shown at : 40%

0 | 0
0 | Cell

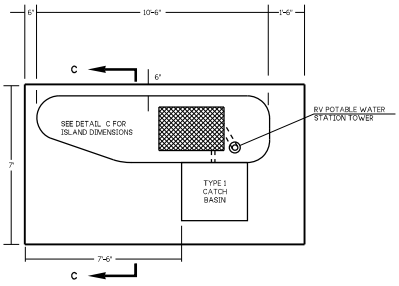


PIT OR QUARRY FLOOR DETAIL

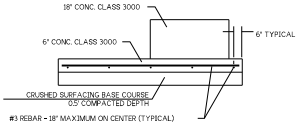
PotableH2OStationPlan
SH_DT_DetailLevel1

Scale shown at : 40%

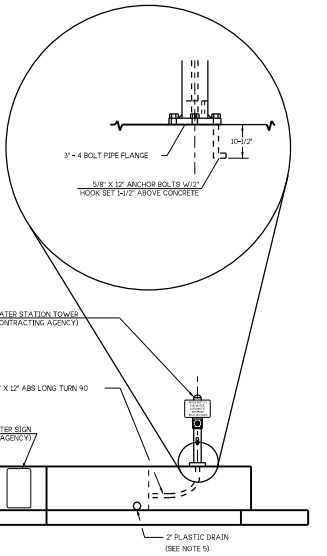
0 | 0
0 | Cell



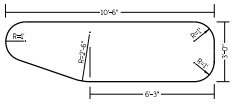
POTABLE WATER STATION PLAN VIEW



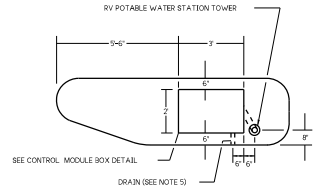
SECTION C-C



POTABLE WATER STATION FRONT ELEVATION



DETAIL C



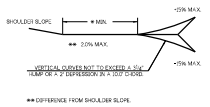
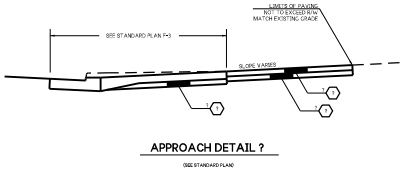
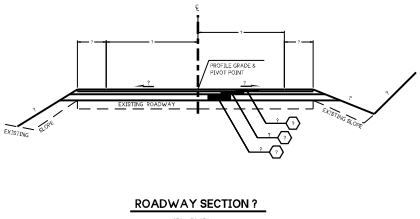
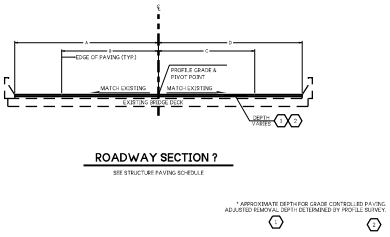
POTABLE WATER STATION ISLAND DETAIL
SEE DETAIL C FOR ISLAND DIMENSIONS.

RV DUMP STATION

S5.05 Standard Symbols (cont.)

Examples are shown at the correct size for all drawing scales printed to 11"x17" PS&E sheet, unless otherwise noted. Items flagged with an asterisk (*) are True Size items that always measure the same in ground units and their size on a print changes with the drawing scale. The scales of the True Size item examples are noted. Where noted, use the Feature Definition rather than Element Template to place feature.

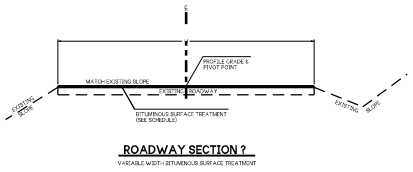
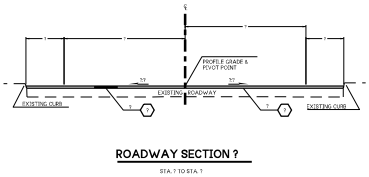
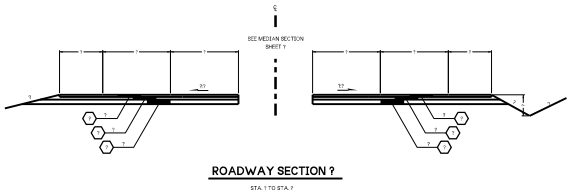
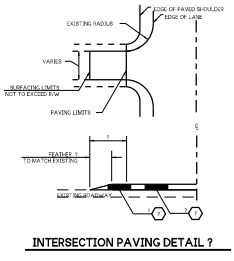
Sheet - Details - RoadwaySection

Element Template (Level Name)	ByLevel Weight | ByLevel Style byLevel Color | Element Type	Example
Approach Profile w Schedule SH_DT_DetailLevel1 Scale shown at : 30%	0 | 0 0 | Cell	
Approach Section w Schedule SH_DT_DetailLevel1 Scale shown at : 30%	0 | 0 0 | Cell	
BCTC Paving Section SH_DT_DetailLevel1 Scale shown at : 30%	0 | 0 0 | Cell	
Bridge Paving SH_DT_DetailLevel1 Scale shown at : 30%	0 | 0 0 | Cell	

S5.05 Standard Symbols (cont.)

Examples are shown at the correct size for all drawing scales printed to 11"x17" PS&E sheet, unless otherwise noted. Items flagged with an asterisk (*) are True Size items that always measure the same in ground units and their size on a print changes with the drawing scale. The scales of the True Size item examples are noted. Where noted, use the Feature Definition rather than Element Template to place feature.

Sheet - Details - RoadwaySection

Element Template (Level Name)	ByLevel Weight | ByLevel Style byLevel Color | Element Type	Example
BST Section SH_DT_DetailLevel1 Scale shown at : 30%	0 | 0 0 | Cell	
Curb Overlay Section SH_DT_DetailLevel1 Scale shown at : 30%	0 | 0 0 | Cell	
Divided Multi-Lane Highway SH_DT_DetailLevel1 Scale shown at : 30%	0 | 0 0 | Cell	
Intersection Paving SH_DT_DetailLevel1 Scale shown at : 30%	0 | 0 0 | Cell	

S5.05 Standard Symbols (cont.)

Examples are shown at the correct size for all drawing scales printed to 11"x17" PS&E sheet, unless otherwise noted. Items flagged with an asterisk (*) are True Size items that always measure the same in ground units and their size on a print changes with the drawing scale. The scales of the True Size item examples are noted. Where noted, use the Feature Definition rather than Element Template to place feature.

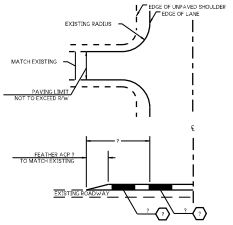
Sheet - Details - RoadwaySection

Element Template (Level Name)	ByLevel Weight | ByLevel Style byLevel Color | Element Type	Example

Intersection Paving - Excluding Shoulders
SH_DT_DetailLevel1

Scale shown at : 30%

0 | 0
0 | Cell

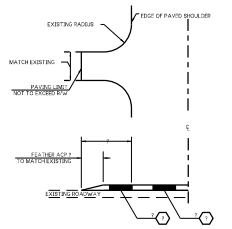


INTERSECTION PAVING DETAIL ?

Intersection Paving - Including Shoulders
SH_DT_DetailLevel1

Scale shown at : 30%

0 | 0
0 | Cell

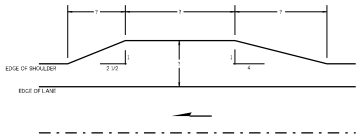


INTERSECTION PAVING DETAIL ?

Mailbox Turnout
SH_DT_DetailLevel1

Scale shown at : 30%

0 | 0
0 | Cell

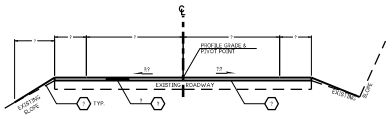


MAILBOX TURNOUT DETAIL
(SEE SPECIAL PROVISIONS AND STANDARD PLANS)
STA.?

Overlay Section
SH_DT_DetailLevel1

Scale shown at : 30%

0 | 0
0 | Cell

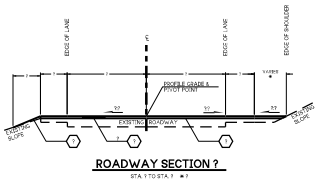
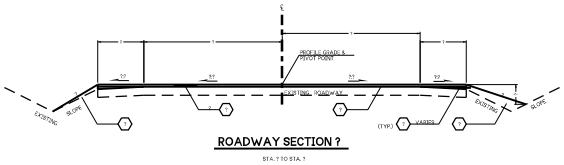
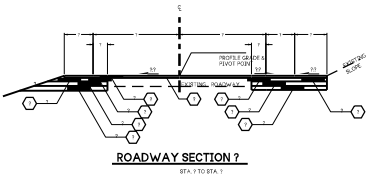
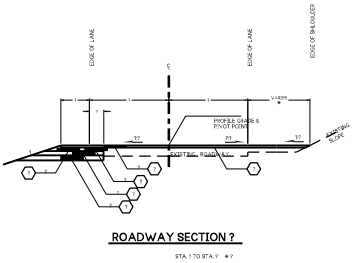


ROADWAY SECTION ?
STA.? TO STA.?

S5.05 Standard Symbols (cont.)

Examples are shown at the correct size for all drawing scales printed to 11"x17" PS&E sheet, unless otherwise noted. Items flagged with an asterisk (*) are True Size items that always measure the same in ground units and their size on a print changes with the drawing scale. The scales of the True Size item examples are noted. Where noted, use the Feature Definition rather than Element Template to place feature.

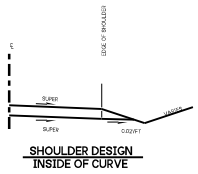
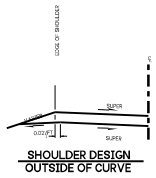
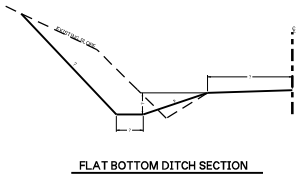
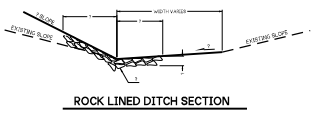
Sheet - Details - RoadwaySection

Element Template (Level Name)	ByLevel Weight | ByLevel Style byLevel Color | Element Type	Example
Overlay Section - No Ditch SH_DT_DetailLevel1 Scale shown at : 30%	0 | 0 0 | Cell	
Overlay Shoulder Slope SH_DT_DetailLevel1 Scale shown at : 30%	0 | 0 0 | Cell	
Overlay Wide Shoulder 1 SH_DT_DetailLevel1 Scale shown at : 30%	0 | 0 0 | Cell	
Overlay Wide Shoulder 2 SH_DT_DetailLevel1 Scale shown at : 30%	0 | 0 0 | Cell	

S5.05 Standard Symbols (cont.)

Examples are shown at the correct size for all drawing scales printed to 11"x17" PS&E sheet, unless otherwise noted. Items flagged with an asterisk (*) are True Size items that always measure the same in ground units and their size on a print changes with the drawing scale. The scales of the True Size item examples are noted. Where noted, use the Feature Definition rather than Element Template to place feature.

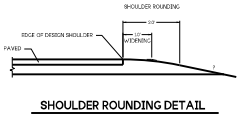
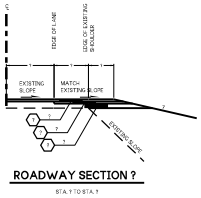
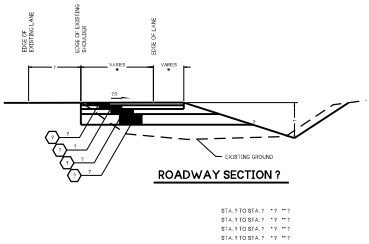
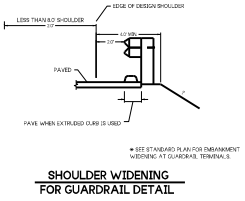
Sheet - Details - RoadwaySection

Element Template (Level Name)	ByLevel Weight | ByLevel Style byLevel Color | Element Type	Example
Shoulder Design Inside Curve SH_DT_DetailLevel1 Scale shown at : 30%	0 | 0 0 | Cell	
Shoulder Design Outside Curve SH_DT_DetailLevel1 Scale shown at : 30%	0 | 0 0 | Cell	
Shoulder Flat Bottom Ditch SH_DT_DetailLevel1 Scale shown at : 30%	0 | 0 0 | Cell	
Shoulder Rock Lined Ditch Section SH_DT_DetailLevel1 Scale shown at : 30%	0 | 0 0 | Cell	

S5.05 Standard Symbols (cont.)

Examples are shown at the correct size for all drawing scales printed to 11"x17" PS&E sheet, unless otherwise noted. Items flagged with an asterisk (*) are True Size items that always measure the same in ground units and their size on a print changes with the drawing scale. The scales of the True Size item examples are noted. Where noted, use the Feature Definition rather than Element Template to place feature.

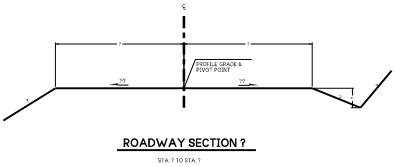
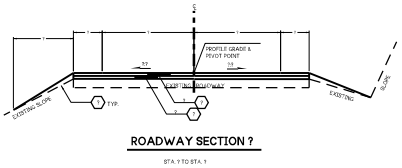
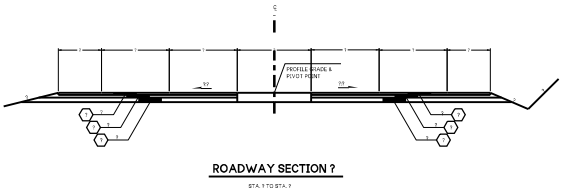
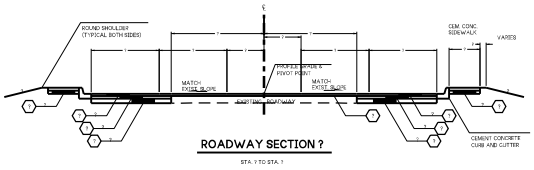
Sheet - Details - RoadwaySection

Element Template (Level Name)	ByLevel Weight | ByLevel Style byLevel Color | Element Type	Example
Shoulder Rounding Detail SH_DT_DetailLevel1 Scale shown at : 30%	0 | 0 0 | Cell	
Shoulder Widening 1 SH_DT_DetailLevel1 Scale shown at : 30%	0 | 0 0 | Cell	
Shoulder Widening 2 SH_DT_DetailLevel1 Scale shown at : 30%	0 | 0 0 | Cell	
Shoulder Widening 3 SH_DT_DetailLevel1 Scale shown at : 30%	0 | 0 0 | Cell	

S5.05 Standard Symbols (cont.)

Examples are shown at the correct size for all drawing scales printed to 11"x17" PS&E sheet, unless otherwise noted. Items flagged with an asterisk (*) are True Size items that always measure the same in ground units and their size on a print changes with the drawing scale. The scales of the True Size item examples are noted. Where noted, use the Feature Definition rather than Element Template to place feature.

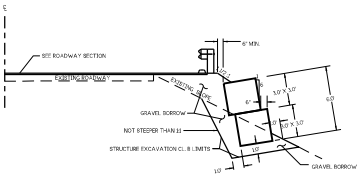
Sheet - Details - RoadwaySection

Element Template (Level Name)	ByLevel Weight | ByLevel Style byLevel Color | Element Type	Example
Subgrade Section SH_DT_DetailLevel1 Scale shown at : 30%	0 | 0 0 | Cell	
Surfacing Paving Section SH_DT_DetailLevel1 Scale shown at : 30%	0 | 0 0 | Cell	
Undivided Multi-Lane Highway SH_DT_DetailLevel1 Scale shown at : 30%	0 | 0 0 | Cell	
Widening Channel w Curb SH_DT_DetailLevel1 Scale shown at : 30%	0 | 0 0 | Cell	

S5.05 Standard Symbols (cont.)

Examples are shown at the correct size for all drawing scales printed to 11"x17" PS&E sheet, unless otherwise noted. Items flagged with an asterisk (*) are True Size items that always measure the same in ground units and their size on a print changes with the drawing scale. The scales of the True Size item examples are noted. Where noted, use the Feature Definition rather than Element Template to place feature.

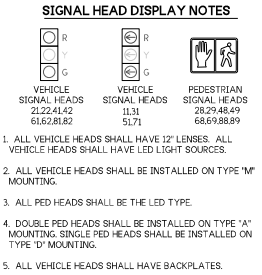
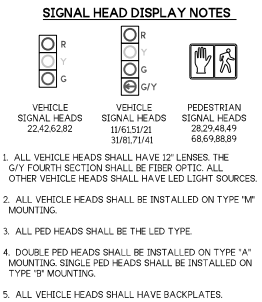
Sheet - Details - Structures-Wall

Element Template (Level Name)	ByLevel Weight | ByLevel Style byLevel Color | Element Type	Example
GabionCribbing SH_DT_DetailLevel1 Scale shown at : 30%	0 | 0 0 | Cell	 GABION CRIBBING DETAIL

S5.05 Standard Symbols (cont.)

Examples are shown at the correct size for all drawing scales printed to 11"x17" PS&E sheet, unless otherwise noted. Items flagged with an asterisk (*) are True Size items that always measure the same in ground units and their size on a print changes with the drawing scale. The scales of the True Size item examples are noted. Where noted, use the Feature Definition rather than Element Template to place feature.

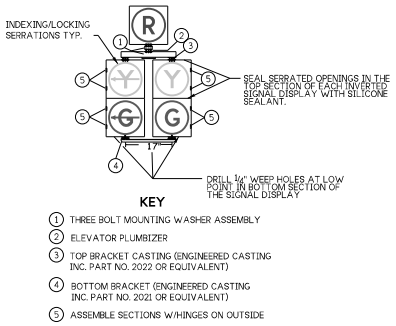
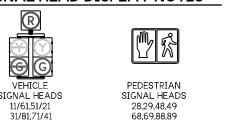
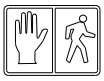
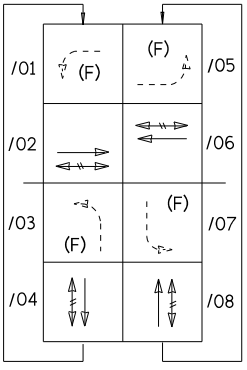
Sheet - Details - Traffic-Signals

Element Template (Level Name)	ByLevel Weight | ByLevel Style byLevel Color | Element Type	Example
3SignalHead SH_DT_DetailLevel1 Scale shown at : 50%	0 | 0 0 | Cell	
3SignalHeadAndNotes SH_DT_DetailLevel1 Scale shown at : 50%	0 | 0 0 | Cell	
4SignalHead SH_DT_DetailLevel1 Scale shown at : 50%	0 | 0 0 | Cell	
4SignalHeadAndNotes SH_DT_DetailLevel1 Scale shown at : 50%	0 | 0 0 | Cell	
DblSignalHead SH_DT_DetailLevel1 Scale shown at : 50%	0 | 0 0 | Cell	

S5.05 Standard Symbols (cont.)

Examples are shown at the correct size for all drawing scales printed to 11"x17" PS&E sheet, unless otherwise noted. Items flagged with an asterisk (*) are True Size items that always measure the same in ground units and their size on a print changes with the drawing scale. The scales of the True Size item examples are noted. Where noted, use the Feature Definition rather than Element Template to place feature.

Sheet - Details - Traffic-Signals

Element Template (Level Name)	ByLevel Weight | ByLevel Style byLevel Color | Element Type	Example
DblSignalHeadNotes1 SH_DT_DetailLevel1 Scale shown at : 50%	0 | 0 0 | Cell	 **CLUSTER MOUNTING DETAIL**
DblSignalHeadNotes2 SH_DT_DetailLevel1 Scale shown at : 50%	0 | 0 0 | Cell	**SIGNAL HEAD DISPLAY NOTES**  1. ALL VEHICLE HEADS SHALL HAVE 12" LENSES. ALL VEHICLE HEADS SHALL HAVE LED LIGHT SOURCES. 2. ALL VEHICLE HEADS SHALL BE INSTALLED ON TYPE "M" MOUNTING. 3. ALL PED HEADS SHALL BE THE LED TYPE. 4. DOUBLE PED HEADS SHALL BE INSTALLED ON TYPE "A" MOUNTING. SINGLE PED HEADS SHALL BE INSTALLED ON TYPE "B" MOUNTING. 5. ALL VEHICLE HEADS SHALL HAVE BACKPLATES.
PedestrianHead SH_DT_DetailLevel1	0 | 0 0 | Cell	
PhaseDiagram SH_DT_DetailLevel1	0 | 0 0 | Cell	**PHASE DIAGRAM**  VEHICLE MOVEMENT PED MOVEMENT (F) FUTURE

S5.05 Standard Symbols (cont.)

Examples are shown at the correct size for all drawing scales printed to 11"x17" PS&E sheet, unless otherwise noted. Items flagged with an asterisk (*) are True Size items that always measure the same in ground units and their size on a print changes with the drawing scale. The scales of the True Size item examples are noted. Where noted, use the Feature Definition rather than Element Template to place feature.

Sheet - Details - Traffic-WorkZone

Element Template (Level Name)	ByLevel Weight | ByLevel Style byLevel Color | Element Type	Example
SectionCut2Lane SH_TI_WZSectionCut Scale shown at : 50%	1 | 0 18 | Cell	
SectionCut2Lane2 SH_TI_WZSectionCut Scale shown at : 50%	1 | 0 18 | Cell	
SectionCut3Lane SH_TI_WZSectionCut Scale shown at : 50%	1 | 0 18 | Cell	
SectionCut3Lane2 SH_TI_WZSectionCut Scale shown at : 50%	1 | 0 18 | Cell	

S5.05 Standard Symbols (cont.)

Examples are shown at the correct size for all drawing scales printed to 11"x17" PS&E sheet, unless otherwise noted. Items flagged with an asterisk (*) are True Size items that always measure the same in ground units and their size on a print changes with the drawing scale. The scales of the True Size item examples are noted. Where noted, use the Feature Definition rather than Element Template to place feature.

Sheet - General Items

Element Template (Level Name)	ByLevel Weight | ByLevel Style byLevel Color | Element Type	Example
Addendum Cloud SH_GI_AddendumCloud	5 | 0 15 | Linear	
Addendum Shading SH_GI_AddendumShading	0 | 0 240 | Linear	
Begin End Project Note SH_GI_BeginEndProjectNote Text Style: SH_BeginEnd Text Font: WSDOT CAE Text Size: 0.011	2 | 0 18 | Text	BEGIN PROJECT
CivilLabeler-General Notes SH_GI_TextBody1 Text Style: SH_Body1 Text Font: WSDOT CAE Text Size: 0.005833	0 | 0 18 | Text	GENERAL NOTES
CivilLabeler-General Notes - No Arrowhead SH_GI_TextBody1 Text Style: SH_Body1 Text Font: WSDOT CAE Text Size: 0.005833	0 | 0 18 | Text	GENERAL NOTES W/ARROWHEAD
Destination Arrow - PS&E SH_GI_DestinationArrow	2 | 0 18 | Cell	
Destination Arrow - R/W SH_GI_DestinationArrow	2 | 0 18 | Cell	

S5.05 Standard Symbols (cont.)

Examples are shown at the correct size for all drawing scales printed to 11"x17" PS&E sheet, unless otherwise noted. Items flagged with an asterisk (*) are True Size items that always measure the same in ground units and their size on a print changes with the drawing scale. The scales of the True Size item examples are noted. Where noted, use the Feature Definition rather than Element Template to place feature.

Sheet - General Items

Element Template (Level Name)	ByLevel Weight | ByLevel Style byLevel Color | Element Type	Example
Dimension Lines SH_GI_DimensionLines	0 | 0 18 | Linear	
Line Break - Large SH_GI_LineBreakLg	2 | 0 18 | Cell	
Line Break - Small SH_GI_LineBreakSm	2 | 0 18 | Cell	
NAV Datum Symbol SH_GI_NAVDatumSymbol	1 | 0 18 | Cell	DATUM *(NAVD) 88*

S5.05 Standard Symbols (cont.)

Examples are shown at the correct size for all drawing scales printed to 11"x17" PS&E sheet, unless otherwise noted. Items flagged with an asterisk (*) are True Size items that always measure the same in ground units and their size on a print changes with the drawing scale. The scales of the True Size item examples are noted. Where noted, use the Feature Definition rather than Element Template to place feature.

Sheet - General Items - General Text

Element Template (Level Name)	ByLevel Weight | ByLevel Style byLevel Color | Element Type	Example
Text Body 1 - PSE SH_GI_TextBody1 Text Style: SH_Body1 Text Font: WSDOT CAE Text Size: 0.005833	0 | 0 18 | Text	GENERAL PS&E BODYTEXT
Text Heading 1 SH_GI_TextHeading1 Text Style: SH_Heading1 Text Font: WSDOT CAE Text Size: 0.0125	2 | 0 18 | Text	GENERAL PS&E HEADING TEXT
Text Heading 2 SH_GI_TextHeading2 Text Style: SH_Heading2 Text Font: WSDOT CAE Text Size: 0.01	1 | 0 18 | Text	ROADWAY SECTION SUBHEADING TEXT
Text Heading 3 SH_GI_TextHeading3 Text Style: SH_Heading3 Text Font: WSDOT CAE Text Size: 0.008333	0 | 0 18 | Text	ROADWAY SECTION SUBHEADING TEXT

S5.05 Standard Symbols (cont.)

Examples are shown at the correct size for all drawing scales printed to 11"x17" PS&E sheet, unless otherwise noted. Items flagged with an asterisk (*) are True Size items that always measure the same in ground units and their size on a print changes with the drawing scale. The scales of the True Size item examples are noted. Where noted, use the Feature Definition rather than Element Template to place feature.

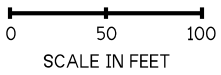
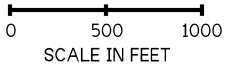
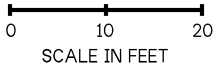
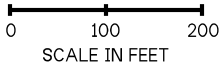
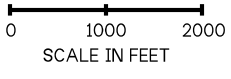
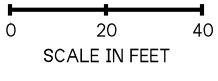
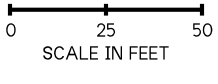
Sheet – General Items – Leaders

Element Template (Level Name)	ByLevel Weight | ByLevel Style byLevel Color | Element Type	Example
Begin End SH_GI_DimensionLines	0 | 0 18 | Linear	
Double Arrow SH_GI_DimensionLines	0 | 0 18 | Linear	
Full Arrow SH_GI_DimensionLines	0 | 0 18 | Linear	
Monument Dot SH_GI_DimensionLines	0 | 0 18 | Linear	
Squiggle SH_GI_DimensionLines	0 | 0 18 | Linear	

S5.05 Standard Symbols (cont.)

Examples are shown at the correct size for all drawing scales printed to 11"x17" PS&E sheet, unless otherwise noted. Items flagged with an asterisk (*) are True Size items that always measure the same in ground units and their size on a print changes with the drawing scale. The scales of the True Size item examples are noted. Where noted, use the Feature Definition rather than Element Template to place feature.

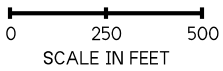
Sheet - General Items - Scale Bars

Element Template (Level Name)	ByLevel Weight | ByLevel Style byLevel Color | Element Type	Example
Scale Bar 100 SH_GI_ScaleBar100	5 | 0 18 | Cell	
Scale Bar 1000 SH_GI_ScaleBar1000	5 | 0 18 | Cell	
Scale Bar 20 SH_GI_ScaleBar20	5 | 0 18 | Cell	
Scale Bar 200 SH_GI_ScaleBar200	5 | 0 18 | Cell	
Scale Bar 2000 SH_GI_ScaleBar2000	5 | 0 18 | Cell	
Scale Bar 40 SH_GI_ScaleBar40	5 | 0 18 | Cell	
Scale Bar 50 SH_GI_ScaleBar50	5 | 0 18 | Cell	

S5.05 Standard Symbols (cont.)

Examples are shown at the correct size for all drawing scales printed to 11"x17" PS&E sheet, unless otherwise noted. Items flagged with an asterisk (*) are True Size items that always measure the same in ground units and their size on a print changes with the drawing scale. The scales of the True Size item examples are noted. Where noted, use the Feature Definition rather than Element Template to place feature.

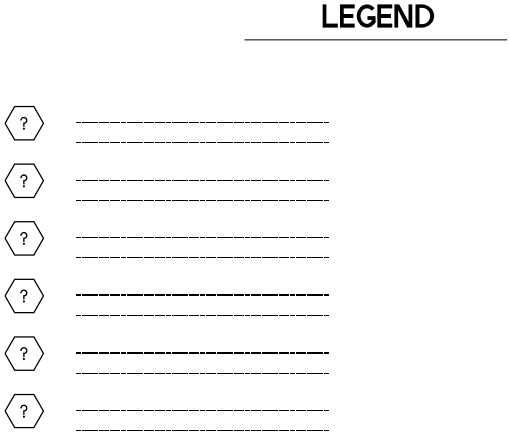
Sheet - General Items - Scale Bars

Element Template (Level Name)	ByLevel Weight | ByLevel Style byLevel Color | Element Type	Example
Scale Bar 500 SH_GI_ScaleBar500	5 | 0 18 | Cell	

S5.05 Standard Symbols (cont.)

Examples are shown at the correct size for all drawing scales printed to 11"x17" PS&E sheet, unless otherwise noted. Items flagged with an asterisk (*) are True Size items that always measure the same in ground units and their size on a print changes with the drawing scale. The scales of the True Size item examples are noted. Where noted, use the Feature Definition rather than Element Template to place feature.

Sheet - LegendsAndSchedules

Element Template (Level Name)	ByLevel Weight | ByLevel Style byLevel Color | Element Type	Example
RS - Legend SH_GI_Legend	0 | 0 0 | Cell	

S5.05 Standard Symbols (cont.)

Examples are shown at the correct size for all drawing scales printed to 11"x17" PS&E sheet, unless otherwise noted. Items flagged with an asterisk (*) are True Size items that always measure the same in ground units and their size on a print changes with the drawing scale. The scales of the True Size item examples are noted. Where noted, use the Feature Definition rather than Element Template to place feature.

Sheet – Plans

Element Template (Level Name)	ByLevel Weight | ByLevel Style byLevel Color | Element Type	Example
Begin-End Construction Arrow SH_PS_BeginEndConstrText Text Style: SH_BeginEnd Text Font: WSDOT CAE Text Size: 0.011	2 | 0 18 | Text	**BEGIN CONSTRUCTION**
Begin-End Plan Arrow SH_GI_BeginEndPlanArrow Text Style: SH_BeginEnd Text Font: WSDOT CAE Text Size: 0.011	2 | 0 18 | Text	**BEGIN PLAN**
CivilLabeler-Callouts_Exist SH_GI_CivilLabeler_Exist Text Style: SH_Body1 Text Font: WSDOT CAE Text Size: 0.005833	0 | 0 18 | Text	*NB1 10+00*
CivilLabeler-Callouts_New SH_GI_CivilLabeler_New Text Style: SH_Body1 Text Font: WSDOT CAE Text Size: 0.005833	0 | 0 2 | Text	**NB1 10+00**
Match Line SH_GI_MatchLine	3 | 0 18 | Linear	
North Arrow SH_GI_NorthArrow	2 | 0 18 | Cell	

S5.05 Standard Symbols (cont.)

Examples are shown at the correct size for all drawing scales printed to 11"x17" PS&E sheet, unless otherwise noted. Items flagged with an asterisk (*) are True Size items that always measure the same in ground units and their size on a print changes with the drawing scale. The scales of the True Size item examples are noted. Where noted, use the Feature Definition rather than Element Template to place feature.

Sheet - Plans

Element Template (Level Name)	ByLevel Weight | ByLevel Style byLevel Color | Element Type	Example
Township Range - Top of Sheet SH_GI_TownshipRangeTopSheetText Text Style: 18-Bold Text Font: WSDOT CAE Text Size: 0.015	2 | 0 24 | Text	**T.2N. R.1E. W.M.**
Traffic Movement Arrow - Left SH_GI_TrafficMvmntArrow	1 | 0 18 | Cell	
Traffic Movement Arrow - Opposing SH_GI_TrafficMvmntArrow	1 | 0 18 | Cell	
Traffic Movement Arrow - Right SH_GI_TrafficMvmntArrow	1 | 0 18 | Cell	

S5.05 Standard Symbols (cont.)

Examples are shown at the correct size for all drawing scales printed to 11"x17" PS&E sheet, unless otherwise noted. Items flagged with an asterisk (*) are True Size items that always measure the same in ground units and their size on a print changes with the drawing scale. The scales of the True Size item examples are noted. Where noted, use the Feature Definition rather than Element Template to place feature.

Sheet - Plans - Call-Out Flags

Element Template (Level Name)	ByLevel Weight | ByLevel Style / byLevel Color | Element Type	Example
QuantityTabNoteFlag SH_PS_QuantityTabNoteFlag	0 | 0 18 | Cell	
QuantityTabNoteFlagCont SH_PS_QuantityTabNoteFlagCont	0 | 0 18 | Cell	
QuantityTabNoteFlagContLg SH_PS_QuantityTabNoteFlagContLg	0 | 0 18 | Cell	
RevisionNoteFlag SH_GI_RevisionNoteFlag	0 | 0 3 | Cell	
StructureNoteFlagContinueLg-PS SH_PS_StructureNoteFlagContinueLg	0 | 0 1 | Cell	
StructureNoteFlagContinue-PS SH_PS_StructureNoteFlagContinue	0 | 0 1 | Cell	
StructureNoteFlag-PS SH_PS_StructureNoteFlag	0 | 0 1 | Cell	

S5.05 Standard Symbols (cont.)

Examples are shown at the correct size for all drawing scales printed to 11"x17" PS&E sheet, unless otherwise noted. Items flagged with an asterisk (*) are True Size items that always measure the same in ground units and their size on a print changes with the drawing scale. The scales of the True Size item examples are noted. Where noted, use the Feature Definition rather than Element Template to place feature.

Sheet - Profiles - Drainage

Element Template (Level Name)	ByLevel Weight | ByLevel Style byLevel Color | Element Type	Example
Profile Callout Text - Existing Pipes SH_RP_VProfText Text Style: DR_Pipes-Exist Text Font: WSDOT CAE Text Size: 0.005833	0 | 0 18 | Text	*L Line*
Profile Callout Text - Existing Structures SH_RP_VProfText Text Style: DR_Structures-Exist Text Font: WSDOT CAE Text Size: 0.005833	0 | 0 18 | Text	*L Line*
Profile Callout Text - New Pipes SH_RP_VProfText Text Style: DR_Pipes-New Text Font: WSDOT CAE Text Size: 0.005833	0 | 0 18 | Text	**L Line**
Profile Callout Text - New Structures SH_RP_VProfText Text Style: DR_Structures-New Text Font: WSDOT CAE Text Size: 0.005833	0 | 0 18 | Text	**L Line**
Structure Note Flag SH_DP_StructureNoteFlag	0 | 0 0 | Cell	??
Structure Note Flag Continue SH_DP_StructureNoteFlagContinue	0 | 0 0 | Cell	??
Structure Note Flag Continue - Large SH_DP_StructureNoteFlagContinueLg	0 | 0 0 | Cell	????

S5.05 Standard Symbols (cont.)

Examples are shown at the correct size for all drawing scales printed to 11"x17" PS&E sheet, unless otherwise noted. Items flagged with an asterisk (*) are True Size items that always measure the same in ground units and their size on a print changes with the drawing scale. The scales of the True Size item examples are noted. Where noted, use the Feature Definition rather than Element Template to place feature.

Sheet - Profiles - Drainage

Element Template (Level Name)	ByLevel Weight | ByLevel Style byLevel Color | Element Type	Example
Water Surface Elevation SH_DP_WaterSurfaceElev	2 | 0 24 | Cell	

S5.05 Standard Symbols (cont.)

Examples are shown at the correct size for all drawing scales printed to 11"x17" PS&E sheet, unless otherwise noted. Items flagged with an asterisk (*) are True Size items that always measure the same in ground units and their size on a print changes with the drawing scale. The scales of the True Size item examples are noted. Where noted, use the Feature Definition rather than Element Template to place feature.

Sheet - Profiles - Quantity Breakdown

Element Template (Level Name)	ByLevel Weight | ByLevel Style byLevel Color | Element Type	Example
Quantity Breakout Horz Lines SH_RP_QuantityBreakoutHorLines	1 | 0 1 | Linear	
Quantity Breakout Vert Lines SH_RP_QuantityBreakoutVertLines	3 | 0 1 | Linear	
QuantityBreakout Text SH_RP_QuantityBreakoutText Text Style: SH_Body1 Text Font: WSDOT CAE Text Size: 0.005833	0 | 0 17 | Text	**100 Yds**

S5.05 Standard Symbols (cont.)

Examples are shown at the correct size for all drawing scales printed to 11"x17" PS&E sheet, unless otherwise noted. Items flagged with an asterisk (*) are True Size items that always measure the same in ground units and their size on a print changes with the drawing scale. The scales of the True Size item examples are noted. Where noted, use the Feature Definition rather than Element Template to place feature.

Sheet - Profiles - Roadway Sections

Element Template (Level Name)	ByLevel Weight | ByLevel Style byLevel Color | Element Type	Example
Roadway Section Horz Lines SH_RP_RoadwaySectionHorzLines	2 | 0 1 | Linear	
Roadway Section Text SH_RP_RoadwaySectionText Text Style: SH_Body1 Text Font: WSDOT CAE Text Size: 0.005833	0 | 0 17 | Text	**Roadway Section**
Roadway Section Vert Lines SH_RP_RoadwaySectionVertLines	3 | 0 1 | Linear	

S5.05 Standard Symbols (cont.)

Examples are shown at the correct size for all drawing scales printed to 11"x17" PS&E sheet, unless otherwise noted. Items flagged with an asterisk (*) are True Size items that always measure the same in ground units and their size on a print changes with the drawing scale. The scales of the True Size item examples are noted. Where noted, use the Feature Definition rather than Element Template to place feature.

Sheet - Profiles - Superelevation Diagram

Element Template (Level Name)	ByLevel Weight | ByLevel Style byLevel Color | Element Type	Example
Superelevation Center SH_RP_SuperelevationCenter	5 | 0 2 | Linear	
Superelevation Existing Lines SH_RP_SuperelevationExLines	5 | 3 0 | Linear	
Superelevation Left SH_RP_SuperelevationLT	4 | 0 33 | Linear	
Superelevation Right SH_RP_SuperelevationRT	4 | 0 35 | Linear	

S5.05 Standard Symbols (cont.)

Examples are shown at the correct size for all drawing scales printed to 11"x17" PS&E sheet, unless otherwise noted. Items flagged with an asterisk (*) are True Size items that always measure the same in ground units and their size on a print changes with the drawing scale. The scales of the True Size item examples are noted. Where noted, use the Feature Definition rather than Element Template to place feature.

Sheet - Review - Markup

Element Template (Level Name)	ByLevel Weight | ByLevel Style byLevel Color | Element Type	Example
Markup Add-In SH_GI_MarkupAddIn		
Markup Comment Text SH_GI_MarkupCommentText		
Markup Strike Thru Squiggle SH_GI_MarkupStrikeThruSquiggle		
Revision Add-In SH_GI_RevisionAddIn	0 | 0 3 | Linear	
Revision Strike Thru Double Line SH_GI_RevisionStrikeThruDoubleLine	0 | SH_GI_RevisionStrikeThruDoubleLine 2 | Linear	
Revision Strike Thru Single Line SH_GI_RevisionStrikeThruSingleLine	0 | 0 2 | Linear	
Revision Strike Thru Squiggle SH_GI_RevisionStrikeThruSquiggle	0 | SH_GI_RevisionStrikeThruSquiggle 2 | Linear	

S5.05 Standard Symbols (cont.)

Examples are shown at the correct size for all drawing scales printed to 11"x17" PS&E sheet, unless otherwise noted. Items flagged with an asterisk (*) are True Size items that always measure the same in ground units and their size on a print changes with the drawing scale. The scales of the True Size item examples are noted. Where noted, use the Feature Definition rather than Element Template to place feature.

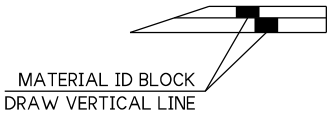
Sheet – Right of Way Plans – Text and Notes

Element Template (Level Name)	ByLevel Weight | ByLevel Style byLevel Color | Element Type	Example
Cross Reference Note SH_PR_CrossReferenceNotesText Text Style: SH_Body1 Text Font: WSDOT CAE Text Size: 0.005833	0 | 0 18 | Text	**See Sheet XX**
Supplemental Access Note 22 - cell SH_PR_SupplementalAccessNote22	2 | 0 18 | Cell	NO. 22. THIS APPROACH USE IS FOR THE BENEFITTED PARCELS PER THE EASEMENT OF RECORD. THIS USE IS ONLY ALLOWED AS LONG AS THE EASEMENT REMAINS IN EFFECT. THIS APPROACH IS TO BE USED TO SERVE BOTH THE DOMINANT AND SERVIENT ESTATES.

S5.05 Standard Symbols (cont.)

Examples are shown at the correct size for all drawing scales printed to 11"x17" PS&E sheet, unless otherwise noted. Items flagged with an asterisk (*) are True Size items that always measure the same in ground units and their size on a print changes with the drawing scale. The scales of the True Size item examples are noted. Where noted, use the Feature Definition rather than Element Template to place feature.

Sheet - Roadway Sections

Element Template (Level Name)	ByLevel Weight | ByLevel Style byLevel Color | Element Type	Example
Centerline SH_RS_CenterLine	3 | 7 18 | Cell	
ConstructionNoteFlag - RS SH_RS_ConstructionNoteFlag	0 | 0 18 | Cell	
Material ID Block SH_RS_MaterialIDBlock	30 | 0 18 | Cell	
Material ID Flag - RS SH_RS_MaterialIDFlag	1 | 0 18 | Cell	
Slope Arrow - Left SH_RS_SlopeArrowLeft	0 | 0 18 | Cell	
Slope Arrow - Right SH_RS_SlopeArrowRight	0 | 0 18 | Cell	
Surface - Existing SH_RS_RoadwaySurfaceExisting	1 | 3 0 | Linear	

S5.05 Standard Symbols (cont.)

Examples are shown at the correct size for all drawing scales printed to 11"x17" PS&E sheet, unless otherwise noted. Items flagged with an asterisk (*) are True Size items that always measure the same in ground units and their size on a print changes with the drawing scale. The scales of the True Size item examples are noted. Where noted, use the Feature Definition rather than Element Template to place feature.

Sheet - Roadway Sections

Element Template (Level Name)	ByLevel Weight | ByLevel Style byLevel Color | Element Type	Example
Surface - New SH_RS_RoadwaySurfaceNew	2 | 0 18 | Linear	

S5.05 Standard Symbols (cont.)

Examples are shown at the correct size for all drawing scales printed to 11"x17" PS&E sheet, unless otherwise noted. Items flagged with an asterisk (*) are True Size items that always measure the same in ground units and their size on a print changes with the drawing scale. The scales of the True Size item examples are noted. Where noted, use the Feature Definition rather than Element Template to place feature.

Sheet – Roadway Sections – Text

Element Template (Level Name)	ByLevel Weight | ByLevel Style byLevel Color | Element Type	Example
RS Body 1 SH_GI_TextBody1 Text Style: SH_Body1 Text Font: WSDOT CAE Text Size: 0.005833	0 | 0 18 | Text	ROADWAY SECTION BODY TEXT
RS Heading 1 SH_GI_TextHeading1 Text Style: SH_Heading1 Text Font: WSDOT CAE Text Size: 0.0125	2 | 0 18 | Text	ROADWAY SECTION HEADING TEXT

S5.05 Standard Symbols (cont.)

Examples are shown at the correct size for all drawing scales printed to 11"x17" PS&E sheet, unless otherwise noted. Items flagged with an asterisk (*) are True Size items that always measure the same in ground units and their size on a print changes with the drawing scale. The scales of the True Size item examples are noted. Where noted, use the Feature Definition rather than Element Template to place feature.

Sheet - Vicinity Map

Element Template (Level Name)	ByLevel Weight | ByLevel Style byLevel Color | Element Type	Example
Region Map - ER SH_VM_RegionCellER	0 | 0 0 | Cell	See the following cell library: WSDOT_Sheet.cel
Region Map - NCR SH_VM_RegionCellNCR	0 | 0 0 | Cell	See the following cell library: WSDOT_Sheet.cel
Region Map - NWR SH_VM_RegionCellNWR	0 | 0 0 | Cell	See the following cell library: WSDOT_Sheet.cel
Region Map - OR SH_VM_RegionCellOR	0 | 0 0 | Cell	See the following cell library: WSDOT_Sheet.cel
Region Map - SCR SH_VM_RegionCellSCR	0 | 0 0 | Cell	See the following cell library: WSDOT_Sheet.cel
Region Map - SWR SH_VM_RegionCellSWR	0 | 0 0 | Cell	See the following cell library: WSDOT_Sheet.cel

S5.05 Standard Symbols (cont.)

Examples are shown at the correct size for all drawing scales printed to 11"x17" PS&E sheet, unless otherwise noted. Items flagged with an asterisk (*) are True Size items that always measure the same in ground units and their size on a print changes with the drawing scale. The scales of the True Size item examples are noted. Where noted, use the Feature Definition rather than Element Template to place feature.

Site - Alignment

Element Template (Level Name)	ByLevel Weight | ByLevel Style byLevel Color | Element Type	Example
CLineDriveway SI_AL_CLineDriveway USE FEATURE DEFINITION: Linear\Site\Alignment\CLineDriveway	1 | 7 1 | Linear	
CLineDrivewayBearingsText SI_AL_CLineDrivewayBearingsText Text Style: 07-Bold Text Font: WSDOT CAE Text Size: 0.005833	0 | 0 2 | Text	**S 88° 55' 25" W**
CLineDrivewayCOGO SI_AL_CLineDrivewayCOGO	1 | 0 2 | Cell	COGO N: 9500.000000' E: 79562.000000'
CLineDrivewayCrvDataText SI_AL_CLineDrivewayCrvDataText Text Style: 07-Bold Text Font: WSDOT CAE Text Size: 0.005833	0 | 0 2 | Text	**S 88° 55' 25" W**
CLineDrivewayCurvePtCircle SI_AL_CLineDrivewayCurvePtCircle	1 | 0 2 | Cell	
CLineDrivewayLineDesText SI_AL_CLineDrivewayLineDesText Text Style: 07-Bold Text Font: WSDOT CAE Text Size: 0.005833	0 | 0 2 | Text	**DW1 LINE**
CLineDrivewayMajorStaText SI_AL_CLineDrivewayMajorStaText Text Style: 07-Bold Text Font: WSDOT CAE Text Size: 0.005833	0 | 0 2 | Text	**10**

S5.05 Standard Symbols (cont.)

Examples are shown at the correct size for all drawing scales printed to 11"x17" PS&E sheet, unless otherwise noted. Items flagged with an asterisk (*) are True Size items that always measure the same in ground units and their size on a print changes with the drawing scale. The scales of the True Size item examples are noted. Where noted, use the Feature Definition rather than Element Template to place feature.

Site - Alignment

Element Template (Level Name)	ByLevel Weight | ByLevel Style / byLevel Color | Element Type	Example
CLineDrivewayPCPIPTText SI_AL_CLineDrivewayPCPIPTText Text Style: 07-Bold Text Font: WSDOT CAE Text Size: 0.005833	0 | 0 2 | Text	DW1 10+62.76 P.I.
CLineDrivewayPItoPILine SI_AL_CLineDrivewayPItoPILine	1 | 3 2 | Linear	
CLineDrivewaySRNoText SI_AL_CLineDrivewaySRNoText Text Style: 07-Bold Text Font: WSDOT CAE Text Size: 0.005833	0 | 0 2 | Text	SR 14
CLineDrivewayStaEquaText SI_AL_CLineDrivewayStaEquaText Text Style: 07-Bold Text Font: WSDOT CAE Text Size: 0.005833	0 | 0 2 | Text	DW1 11+68.42 P.O.T. BK.=
CLineDrivewayStaEquation SI_AL_CLineDrivewayStaEquation	1 | 0 2 | Cell	EQUATION
CLineDrivewayStationText SI_AL_CLineDrivewayStationText Text Style: 07-Bold Text Font: WSDOT CAE Text Size: 0.005833	0 | 0 2 | Text	DW1 11+68.42
CLineDrivewayTics SI_AL_CLineDrivewayTics	2 | 0 2 | Cell	

S5.05 Standard Symbols (cont.)

Examples are shown at the correct size for all drawing scales printed to 11"x17" PS&E sheet, unless otherwise noted. Items flagged with an asterisk (*) are True Size items that always measure the same in ground units and their size on a print changes with the drawing scale. The scales of the True Size item examples are noted. Where noted, use the Feature Definition rather than Element Template to place feature.

Site - Boundaries

Element Template (Level Name)	ByLevel Weight | ByLevel Style byLevel Color | Element Type	Example
BuildingBoundary SI_BD_BuildingBoundary USE FEATURE DEFINITION: Linear\Site\Boundaries\BuildingBoundary	3 | 0 3 | Linear	
BuildingSetback SI_BD_BuildingSetback USE FEATURE DEFINITION: Linear\Site\Boundaries\BuildingSetback	1 | 2 7 | Linear	
DrivewayBoundary SI_BD_DrivewayBoundary USE FEATURE DEFINITION: Linear\Site\Boundaries\DrivewayBoundary	4 | 0 6 | Linear	
DrivewayBoundaryConnection SI_BD_DrivewayBoundaryConnection USE FEATURE DEFINITION: Linear\Site\Boundaries\DrivewayBoundaryConnection	2 | 0 3 | Linear	
LimitsofDisturbance SI_BD_LimitsofDisturbance USE FEATURE DEFINITION: Linear\Site\Boundaries\LimitsofDisturbance	3 | 0 3 | Linear	
PadBoundary SI_BD_PadBoundary USE FEATURE DEFINITION: Linear\Site\Boundaries\PadBoundary	2 | 0 2 | Linear	
ParkingBoundary SI_BD_ParkingBoundary USE FEATURE DEFINITION: Linear\Site\Boundaries\ParkingBoundary	2 | 0 9 | Linear	

S5.05 Standard Symbols (cont.)

Examples are shown at the correct size for all drawing scales printed to 11"x17" PS&E sheet, unless otherwise noted. Items flagged with an asterisk (*) are True Size items that always measure the same in ground units and their size on a print changes with the drawing scale. The scales of the True Size item examples are noted. Where noted, use the Feature Definition rather than Element Template to place feature.

Site - Boundaries

Element Template (Level Name)	ByLevel Weight | ByLevel Style byLevel Color | Element Type	Example
ParkingSetback SI_BD_ParkingSetback USE FEATURE DEFINITION: Linear\Site\Boundaries\ParkingSetback	0 | 2 1 | Linear	
PathBoundary SI_BD_PathBoundary USE FEATURE DEFINITION: Linear\Site\Boundaries\PathBoundary	0 | 0 0 | Linear	
PavementBoundary SI_BD_PavementBoundary USE FEATURE DEFINITION: Linear\Site\Boundaries\PavementBoundary	1 | 0 0 | Linear	
SidewalkBoundary SI_BD_SidewalkBoundary USE FEATURE DEFINITION: Linear\Site\Boundaries\SidewalkBoundary	0 | 0 3 | Linear	

S5.05 Standard Symbols (cont.)

Examples are shown at the correct size for all drawing scales printed to 11"x17" PS&E sheet, unless otherwise noted. Items flagged with an asterisk (*) are True Size items that always measure the same in ground units and their size on a print changes with the drawing scale. The scales of the True Size item examples are noted. Where noted, use the Feature Definition rather than Element Template to place feature.

Site - Grading

Element Template (Level Name)	ByLevel Weight | ByLevel Style byLevel Color | Element Type	Example
BorrowArea SI_GR_BorrowArea USE FEATURE DEFINITION: Linear\Site\Grading\BorrowArea	0 | 3 3 | Linear	
ConstraintArea SI_GR_ConstraintArea USE FEATURE DEFINITION: Linear\Site\Grading\ConstraintArea	0 | 1 4 | Linear	
ConstraintDirection SI_GR_ConstraintDirection USE FEATURE DEFINITION: Linear\Site\Grading\ConstraintDirection	0 | 1 4 | Linear	
FillGrading SI_GR_FillGrading USE FEATURE DEFINITION: Linear\Site\Grading\FillGrading	0 | 3 1 | Linear	
ParkingArea SI_GR_ParkingArea USE FEATURE DEFINITION: Linear\Site\Grading\ParkingArea	1 | 0 2 | Linear	

S5.05 Standard Symbols (cont.)

Examples are shown at the correct size for all drawing scales printed to 11"x17" PS&E sheet, unless otherwise noted. Items flagged with an asterisk (*) are True Size items that always measure the same in ground units and their size on a print changes with the drawing scale. The scales of the True Size item examples are noted. Where noted, use the Feature Definition rather than Element Template to place feature.

Site - Parking

Element Template (Level Name)	ByLevel Weight | ByLevel Style / byLevel Color | Element Type	Example
Median SI_PK_Median USE FEATURE DEFINITION: Linear\Site\Parking\Median	0 | 0 0 | Linear	
ParkingIsland SI_PK_ParkingIsland USE FEATURE DEFINITION: Linear\Site\Parking\ParkingIsland	0 | 0 2 | Linear	
ParkingLot SI_PK_ParkingLot USE FEATURE DEFINITION: Linear\Site\Parking\ParkingLot	0 | 0 0 | Linear	
ParkingOnSide SI_PK_ParkingOnSide USE FEATURE DEFINITION: Linear\Site\Parking\ParkingOnSide	0 | 0 0 | Linear	
ParkingSpace SI_PK_ParkingSpace USE FEATURE DEFINITION: Linear\Site\Parking\ParkingSpace	0 | 0 9 | Linear	

S5.05 Standard Symbols (cont.)

Examples are shown at the correct size for all drawing scales printed to 11"x17" PS&E sheet, unless otherwise noted. Items flagged with an asterisk (*) are True Size items that always measure the same in ground units and their size on a print changes with the drawing scale. The scales of the True Size item examples are noted. Where noted, use the Feature Definition rather than Element Template to place feature.

Site - Points

Element Template (Level Name)	ByLevel Weight | ByLevel Style byLevel Color | Element Type	Example
ParkingAislePoint SI_PT_ParkingAislePoint USE FEATURE DEFINITION: Point\Site\Points\ParkingAislePoint	0 | 0 1 | Cell	
ParkingBayPoint SI_PT_ParkingBayPoint USE FEATURE DEFINITION: Point\Site\Points\ParkingBayPoint	0 | 0 2 | Cell	
ParkingIslandPoint SI_PT_ParkingIslandPoint USE FEATURE DEFINITION: Point\Site\Points\ParkingIslandPoint	0 | 0 3 | Cell	
ParkingSpacePoint SI_PT_ParkingSpacePoint USE FEATURE DEFINITION: Point\Site\Points\ParkingSpacePoint	0 | 0 4 | Cell	

S5.05 Standard Symbols (cont.)

Examples are shown at the correct size for all drawing scales printed to 11"x17" PS&E sheet, unless otherwise noted. Items flagged with an asterisk (*) are True Size items that always measure the same in ground units and their size on a print changes with the drawing scale. The scales of the True Size item examples are noted. Where noted, use the Feature Definition rather than Element Template to place feature.

Structures - Bridges

Element Template (Level Name) | ByLevel Weight / byLevel Color | ByLevel Style / Element Type | Example

BackofPvmntSeat — 0 | 0 / 151 | Linear
ST_BG_BackofPvmntSeat
USE FEATURE DEFINITION: Linear\Structures\Bridges\BackofPvmntSeat

BackofPvmntSeatNew — 2 | 0 / 7 | Linear
ST_BG_BackofPvmntSeatNew
USE FEATURE DEFINITION: Linear\Structures\Bridges\BackofPvmntSeatNew

BearingCenterLineNew — 1 | 4 / 3 | Linear
ST_BG_BearingCenterLineNew
USE FEATURE DEFINITION: Linear\Structures\Bridges\BearingCenterLineNew

Bridge — 0 | 6 / 23 | Linear
ST_BG_Bridge
USE FEATURE DEFINITION: Linear\Structures\Bridges\Bridge

BridgeApproachSlab — 1 | 5 / 151 | Linear
ST_BG_BridgeApproachSlab
USE FEATURE DEFINITION: Linear\Structures\Bridges\BridgeApproachSlab

BridgeApproachSlabNew — 2 | 0 / 135 | Linear
ST_BG_BridgeApproachSlabNew
USE FEATURE DEFINITION: Linear\Structures\Bridges\BridgeApproachSlabNew

BridgeCenterLine — 1 | 4 / 55 | Linear
ST_BG_BridgeCenterLine
USE FEATURE DEFINITION: Linear\Structures\Bridges\BridgeCenterLine

S5.05 Standard Symbols (cont.)

Examples are shown at the correct size for all drawing scales printed to 11"x17" PS&E sheet, unless otherwise noted. Items flagged with an asterisk (*) are True Size items that always measure the same in ground units and their size on a print changes with the drawing scale. The scales of the True Size item examples are noted. Where noted, use the Feature Definition rather than Element Template to place feature.

Structures - Bridges

Element Template (Level Name)	ByLevel Weight | ByLevel Style byLevel Color | Element Type	Example
BridgeCenterLineNew ST_BG_BridgeCenterLineNew USE FEATURE DEFINITION: Linear\Structures\Bridges\BridgeCenterLineNew	4 | 4 39 | Linear	
BridgeDeckLimits ST_BG_BridgeDeckLimits USE FEATURE DEFINITION: Linear\Structures\Bridges\BridgeDeckLimits	0 | 5 23 | Linear	
BridgeDeckSelective ST_BG_BridgeDeckSelective USE FEATURE DEFINITION: Point\Structures\Bridges\BridgeDeckSelective	0 | 0 151 | Cell	BDS
BridgeExpansionJoint ST_BG_BridgeExpansionJoint USE FEATURE DEFINITION: Linear\Structures\Bridges\BridgeExpansionJoint	1 | 5 151 | Linear	
BridgeFooting ST_BG_BridgeFooting USE FEATURE DEFINITION: Linear\Structures\Bridges\BridgeFooting	1 | 5 151 | Linear	
BridgeFootingBottom ST_BG_BridgeFootingBottom USE FEATURE DEFINITION: Linear\Structures\Bridges\BridgeFootingBottom	1 | 5 151 | Linear	
BridgeFootingNew ST_BG_BridgeFootingNew USE FEATURE DEFINITION: Linear\Structures\Bridges\BridgeFootingNew	1 | 0 135 | Linear	

S5.05 Standard Symbols (cont.)

Examples are shown at the correct size for all drawing scales printed to 11"x17" PS&E sheet, unless otherwise noted. Items flagged with an asterisk (*) are True Size items that always measure the same in ground units and their size on a print changes with the drawing scale. The scales of the True Size item examples are noted. Where noted, use the Feature Definition rather than Element Template to place feature.

Structures - Bridges

Element Template (Level Name)	ByLevel Weight | ByLevel Style byLevel Color | Element Type	Example
BridgeGirder ST_BG_BridgeGirder USE FEATURE DEFINITION: Linear\Structures\Bridges\BridgeGirder	1 | 5 151 | Linear	
BridgeGirderNew ST_BG_BridgeGirderNew USE FEATURE DEFINITION: Linear\Structures\Bridges\BridgeGirderNew	2 | 0 135 | Linear	
BridgeGroutPad ST_BG_BridgeGroutPad USE FEATURE DEFINITION: Linear\Structures\Bridges\BridgeGroutPad	1 | 5 119 | Cell	
BridgeGroutPadNew ST_BG_BridgeGroutPadNew USE FEATURE DEFINITION: Linear\Structures\Bridges\BridgeGroutPadNew	1 | 0 103 | Cell	
BridgeNew ST_BG_BridgeNew USE FEATURE DEFINITION: Linear\Structures\Bridges\BridgeNew	2 | 0 7 | Linear	
BridgePier ST_BG_BridgePier USE FEATURE DEFINITION: Linear\Structures\Bridges\BridgePier	1 | 5 119 | Linear	
BridgePierCapBottom ST_BG_BridgePierCapBottom USE FEATURE DEFINITION: Linear\Structures\Bridges\BridgePierCapBottom	1 | 5 119 | Linear	

S5.05 Standard Symbols (cont.)

Examples are shown at the correct size for all drawing scales printed to 11"x17" PS&E sheet, unless otherwise noted. Items flagged with an asterisk (*) are True Size items that always measure the same in ground units and their size on a print changes with the drawing scale. The scales of the True Size item examples are noted. Where noted, use the Feature Definition rather than Element Template to place feature.

Structures - Bridges

Element Template (Level Name)	ByLevel Weight | ByLevel Style byLevel Color | Element Type	Example
BridgePierCapBottomNew ST_BG_BridgePierCapBottomNew USE FEATURE DEFINITION: Linear\Structures\Bridges\BridgePierCapBottomNew	1 | 0 103 | Linear	
BridgePierCapTop ST_BG_BridgePierCapTop USE FEATURE DEFINITION: Linear\Structures\Bridges\BridgePierCapTop	1 | 5 119 | Linear	
BridgePierCapTopNew ST_BG_BridgePierCapTopNew USE FEATURE DEFINITION: Linear\Structures\Bridges\BridgePierCapTopNew	1 | 0 103 | Linear	
BridgePierColumn ST_BG_BridgePierColumn USE FEATURE DEFINITION: Linear\Structures\Bridges\BridgePierColumn	0 | 5 151 | Cell	
BridgePierColumnNew ST_BG_BridgePierColumnNew USE FEATURE DEFINITION: Linear\Structures\Bridges\BridgePierColumnNew	0 | 0 135 | Cell	
BridgePierColumnTop ST_BG_BridgePierColumnTop USE FEATURE DEFINITION: Linear\Structures\Bridges\BridgePierColumnTop	0 | 5 151 | Linear	
BridgePierNew ST_BG_BridgePierNew USE FEATURE DEFINITION: Linear\Structures\Bridges\BridgePierNew	1 | 0 103 | Linear	

S5.05 Standard Symbols (cont.)

Examples are shown at the correct size for all drawing scales printed to 11"x17" PS&E sheet, unless otherwise noted. Items flagged with an asterisk (*) are True Size items that always measure the same in ground units and their size on a print changes with the drawing scale. The scales of the True Size item examples are noted. Where noted, use the Feature Definition rather than Element Template to place feature.

Structures - Bridges

Element Template (Level Name)	ByLevel Weight | ByLevel Style byLevel Color | Element Type	Example
BridgePile ST_BG_BridgePile USE FEATURE DEFINITION: Linear\Structures\Bridges\BridgePile	0 | 5 151 | Linear	
BridgeRail ST_BG_BridgeRail USE FEATURE DEFINITION: Linear\Structures\Bridges\BridgeRail	1 | 5 151 | Linear	
BridgeRailNew ST_BG_BridgeRailNew USE FEATURE DEFINITION: Linear\Structures\Bridges\BridgeRailNew	1 | 5 135 | Linear	
BridgeShaft ST_BG_BridgeShaft USE FEATURE DEFINITION: Linear\Structures\Bridges\BridgeShaft	1 | 5 151 | Linear	
BridgeSubStructure ST_BG_BridgeSubStructure USE FEATURE DEFINITION: Linear\Structures\Bridges\BridgeSubStructure	1 | 5 151 | Linear	
BridgeSubStructureNew ST_BG_BridgeSubStructureNew USE FEATURE DEFINITION: Linear\Structures\Bridges\BridgeSubStructureNew	2 | 0 39 | Linear	
BridgeSuperStructure ST_BG_BridgeSuperStructure USE FEATURE DEFINITION: Linear\Structures\Bridges\BridgeSuperStructure	1 | 5 55 | Linear	

S5.05 Standard Symbols (cont.)

Examples are shown at the correct size for all drawing scales printed to 11"x17" PS&E sheet, unless otherwise noted. Items flagged with an asterisk (*) are True Size items that always measure the same in ground units and their size on a print changes with the drawing scale. The scales of the True Size item examples are noted. Where noted, use the Feature Definition rather than Element Template to place feature.

Structures - Bridges

Element Template (Level Name)	ByLevel Weight | ByLevel Style byLevel Color | Element Type	Example
BridgeSuperStructureNew ST_BG_BridgeSuperStructureNew USE FEATURE DEFINITION: Linear\Structures\Bridges\BridgeSuperStructureNew	2 | 0 39 | Linear	
ColumnCenterLineNew ST_BG_ColumnCenterLineNew USE FEATURE DEFINITION: Linear\Structures\Bridges\ColumnCenterLineNew	1 | 4 3 | Linear	
DeckLimitsNew ST_BG_DeckLimitsNew USE FEATURE DEFINITION: Linear\Structures\Bridges\DeckLimitsNew	1 | 2 4 | Linear	
PierCenterLineNew ST_BG_PierCenterLineNew USE FEATURE DEFINITION: Linear\Structures\Bridges\PierCenterLineNew	1 | 4 3 | Linear	
QuarryBackfillNew ST_BG_QuarryBackfillNew USE FEATURE DEFINITION: Linear\Structures\Bridges\QuarryBackfillNew	0 | 0 7 | Pattern Cell	
QuarrySpallingNew ST_BG_QuarrySpallingNew USE FEATURE DEFINITION: Linear\Structures\Bridges\QuarrySpallingNew	0 | 0 7 | Pattern Cell	
RRStructure ST_BG_RRStructure USE FEATURE DEFINITION: Linear\Structures\Bridges\RRStructure	0 | 6 119 | Linear	

S5.05 Standard Symbols (cont.)

Examples are shown at the correct size for all drawing scales printed to 11"x17" PS&E sheet, unless otherwise noted. Items flagged with an asterisk (*) are True Size items that always measure the same in ground units and their size on a print changes with the drawing scale. The scales of the True Size item examples are noted. Where noted, use the Feature Definition rather than Element Template to place feature.

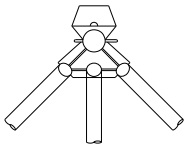
Structures - Bridges

Element Template (Level Name)	ByLevel Weight | ByLevel Style byLevel Color | Element Type	Example
RRStructureNew ST_BG_RRStructureNew USE FEATURE DEFINITION: Linear\Structures\Bridges\RRStructureNew	2 | 0 103 | Linear	
Structure ST_BG_Structure USE FEATURE DEFINITION: Linear\Structures\Bridges\Structure	0 | 5 55 | Linear	
StructureNew ST_BG_StructureNew USE FEATURE DEFINITION: Linear\Structures\Bridges\StructureNew	2 | 0 39 | Linear	

S5.05 Standard Symbols (cont.)

Examples are shown at the correct size for all drawing scales printed to 11"x17" PS&E sheet, unless otherwise noted. Items flagged with an asterisk (*) are True Size items that always measure the same in ground units and their size on a print changes with the drawing scale. The scales of the True Size item examples are noted. Where noted, use the Feature Definition rather than Element Template to place feature.

Structures - Graving Dock

Element Template (Level Name)	ByLevel Weight | ByLevel Style byLevel Color | Element Type	Example
BasinCraneRailNew ST_GD_BasinCraneRailNew USE FEATURE DEFINITION: Point\Structures\Graving Dock\BasinCraneRailNew	2 | 0 185 | Cell	
BasinFishTrenchNew ST_GD_BasinFishTrenchNew USE FEATURE DEFINITION: Point\Structures\Graving Dock\BasinFishTrenchNew	0 | 0 19 | Cell	
BasinTideLevel ST_GD_BasinTideLevel USE FEATURE DEFINITION: Point\Structures\Graving Dock\BasinTideLevel	1 | 0 177 | Cell	
BollardNew ST_GD_BollardNew USE FEATURE DEFINITION: Point\Roadway\Barrier\BollardNew	0 | 0 0 | Cell	
MooragеDolphinNew ST_GD_MooragеDolphinNew USE FEATURE DEFINITION: Point\Structures\Graving Dock\MooragеDolphinNew	0 | 0 0 | Cell	
MooragePileNew ST_GD_MooragePileNew USE FEATURE DEFINITION: Point\Structures\Graving Dock\MooragePileNew	1 | 0 12 | Cell	

S5.05 Standard Symbols (cont.)

Examples are shown at the correct size for all drawing scales printed to 11"x17" PS&E sheet, unless otherwise noted. Items flagged with an asterisk (*) are True Size items that always measure the same in ground units and their size on a print changes with the drawing scale. The scales of the True Size item examples are noted. Where noted, use the Feature Definition rather than Element Template to place feature.

Structures – Text

Element Template (Level Name)	ByLevel Weight | ByLevel Style byLevel Color | Element Type	Example
BridgeText ST_BG_BridgeText Text Style: 07-Ital Text Font: WSDOT CAE Text Size: 0.005833	0 | 0 23 | Text	*OVERCROSSING*
BridgeTextNew ST_BG_BridgeTextNew Text Style: 07-Bold Text Font: WSDOT CAE Text Size: 0.005833	0 | 0 7 | Text	**OVERCROSSING**
TunnelText ST_BG_TunnelText Text Style: 07-Ital Text Font: WSDOT CAE Text Size: 0.005833	0 | 0 23 | Text	*OVERCROSSING*
TunnelTextNew ST_BG_TunnelTextNew Text Style: 07-Bold Text Font: WSDOT CAE Text Size: 0.005833	0 | 0 7 | Text	**OVERCROSSING**
WallText ST_WA_WallText Text Style: 07-Ital Text Font: WSDOT CAE Text Size: 0.005833	0 | 0 23 | Text	*TOP OF WALL*
WallTextNew ST_WA_WallTextNew Text Style: 07-Bold Text Font: WSDOT CAE Text Size: 0.005833	0 | 0 7 | Text	**TOP OF WALL**

S5.05 Standard Symbols (cont.)

Examples are shown at the correct size for all drawing scales printed to 11"x17" PS&E sheet, unless otherwise noted. Items flagged with an asterisk (*) are True Size items that always measure the same in ground units and their size on a print changes with the drawing scale. The scales of the True Size item examples are noted. Where noted, use the Feature Definition rather than Element Template to place feature.

Structures - Tunnels

Element Template (Level Name)	ByLevel Weight | ByLevel Style byLevel Color | Element Type	Example
Tunnel ST_BG_Tunnel USE FEATURE DEFINITION: Linear\Structures\Tunnels\Tunnel	0 | 5 87 | Linear	
TunnelCenterLine ST_BG_TunnelCenterLine USE FEATURE DEFINITION: Linear\Structures\Tunnels\TunnelCenterLine	1 | 5 55 | Linear	
TunnelCenterLineNew ST_BG_TunnelCenterLineNew USE FEATURE DEFINITION: Linear\Structures\Tunnels\TunnelCenterLineNew	1 | 5 39 | Linear	
TunnelLimits ST_BG_TunnelLimits USE FEATURE DEFINITION: Linear\Structures\Tunnels\TunnelLimits	1 | 5 23 | Linear	
TunnelLimitsNew ST_BG_TunnelLimitsNew USE FEATURE DEFINITION: Linear\Structures\Tunnels\TunnelLimitsNew	1 | 5 7 | Linear	
TunnelNew ST_BG_TunnelNew USE FEATURE DEFINITION: Linear\Structures\Tunnels\TunnelNew	2 | 0 71 | Linear	
TunnelRail ST_BG_TunnelRail USE FEATURE DEFINITION: Linear\Structures\Tunnels\TunnelRail	1 | 5 151 | Linear	

S5.05 Standard Symbols (cont.)

Examples are shown at the correct size for all drawing scales printed to 11"x17" PS&E sheet, unless otherwise noted. Items flagged with an asterisk (*) are True Size items that always measure the same in ground units and their size on a print changes with the drawing scale. The scales of the True Size item examples are noted. Where noted, use the Feature Definition rather than Element Template to place feature.

Structures - Tunnels

Element Template (Level Name)	ByLevel Weight | ByLevel Style byLevel Color | Element Type	Example
TunnelRailNew ST_BG_TunnelRailNew USE FEATURE DEFINITION: Linear\Structures\Tunnels\TunnelRailNew	1 | 5 135 | Linear	
TunnelSupportColumn ST_BG_TunnelSupportColumn USE FEATURE DEFINITION: Linear\Structures\Tunnels\TunnelSupportColumn	0 | 5 151 | Cell	
TunnelSupportColumnNew ST_BG_TunnelSupportColumnNew USE FEATURE DEFINITION: Linear\Structures\Tunnels\TunnelSupportColumnNew	0 | 0 135 | Cell	

S5.05 Standard Symbols (cont.)

Examples are shown at the correct size for all drawing scales printed to 11"x17" PS&E sheet, unless otherwise noted. Items flagged with an asterisk (*) are True Size items that always measure the same in ground units and their size on a print changes with the drawing scale. The scales of the True Size item examples are noted. Where noted, use the Feature Definition rather than Element Template to place feature.

Structures - Walls

Element Template (Level Name)	ByLevel Weight | ByLevel Style byLevel Color | Element Type	Example
GabionWall ST_WA_GabionWall USE FEATURE DEFINITION: Linear\Structures\Walls\GabionWall	1 | ST_WA_GabionWall 55 | Linear	
GabionWallBottom ST_WA_GabionWallBottom USE FEATURE DEFINITION: Linear\Structures\Walls\GabionWallBottom	1 | 5 55 | Linear	
GabionWallNew ST_WA_GabionWallNew USE FEATURE DEFINITION: Linear\Structures\Walls\GabionWallNew	0 | ST_WA_GabionWallNew 39 | Linear	
GabionWallTop ST_WA_GabionWallTop USE FEATURE DEFINITION: Linear\Structures\Walls\GabionWallTop	1 | 5 55 | Linear	
NoiseWall ST_WA_NoiseWall USE FEATURE DEFINITION: Linear\Structures\Walls\NoiseWall	1 | ST_WA_NoiseWall 87 | Linear	
NoiseWallBottom ST_WA_NoiseWallBottom USE FEATURE DEFINITION: Linear\Structures\Walls\NoiseWallBottom	1 | 5 87 | Linear	
NoiseWallBottomNew ST_WA_NoiseWallBottomNew USE FEATURE DEFINITION: Linear\Structures\Walls\NoiseWallBottomNew	0 | 0 71 | Linear	

S5.05 Standard Symbols (cont.)

Examples are shown at the correct size for all drawing scales printed to 11"x17" PS&E sheet, unless otherwise noted. Items flagged with an asterisk (*) are True Size items that always measure the same in ground units and their size on a print changes with the drawing scale. The scales of the True Size item examples are noted. Where noted, use the Feature Definition rather than Element Template to place feature.

Structures - Walls

Element Template (Level Name)	ByLevel Weight | ByLevel Style byLevel Color | Element Type	Example
NoiseWallFooting ST_WA_NoiseWallFooting USE FEATURE DEFINITION: Linear\Structures\Walls\NoiseWallFooting	0 | 5 87 | Linear	
NoiseWallFootingNew ST_WA_NoiseWallFootingNew USE FEATURE DEFINITION: Linear\Structures\Walls\NoiseWallFootingNew	0 | 0 71 | Linear	
NoiseWallNew ST_WA_NoiseWallNew USE FEATURE DEFINITION: Linear\Structures\Walls\NoiseWallNew	0 | ST_WA_NoiseWallNew 71 | Linear	
NoiseWallTop ST_WA_NoiseWallTop USE FEATURE DEFINITION: Linear\Structures\Walls\NoiseWallTop	1 | 5 87 | Linear	
NoiseWallTopNew ST_WA_NoiseWallTopNew USE FEATURE DEFINITION: Linear\Structures\Walls\NoiseWallTopNew	0 | 0 71 | Linear	
RetainingWall ST_WA_RetainingWall USE FEATURE DEFINITION: Linear\Structures\Walls\RetainingWall	0 | ST_WA_RetainingWall 23 | Linear	
RetainingWallBottom ST_WA_RetainingWallBottom USE FEATURE DEFINITION: Linear\Structures\Walls\RetainingWallBottom	1 | 5 23 | Linear	

S5.05 Standard Symbols (cont.)

Examples are shown at the correct size for all drawing scales printed to 11"x17" PS&E sheet, unless otherwise noted. Items flagged with an asterisk (*) are True Size items that always measure the same in ground units and their size on a print changes with the drawing scale. The scales of the True Size item examples are noted. Where noted, use the Feature Definition rather than Element Template to place feature.

Structures - Walls

Element Template (Level Name)	ByLevel Weight | ByLevel Style byLevel Color | Element Type	Example
RetainingWallBottomNew ST_WA_RetainingWallBottomNew USE FEATURE DEFINITION: Linear\Structures\Walls\RetainingWallBottomNew	0 | 0 7 | Linear	
RetainingWallFooting ST_WA_RetainingWallFooting USE FEATURE DEFINITION: Linear\Structures\Walls\RetainingWallFooting	0 | 5 23 | Linear	
RetainingWallFootingNew ST_WA_RetainingWallFootingNew USE FEATURE DEFINITION: Linear\Structures\Walls\RetainingWallFootingNew	0 | 0 7 | Linear	
RetainingWallNew ST_WA_RetainingWallNew USE FEATURE DEFINITION: Linear\Structures\Walls\RetainingWallNew	0 | ST_WA_RetainingWallNew 7 | Linear	
RetainingWallTop ST_WA_RetainingWallTop USE FEATURE DEFINITION: Linear\Structures\Walls\RetainingWallTop	1 | 5 23 | Linear	
RetainingWallTopNew ST_WA_RetainingWallTopNew USE FEATURE DEFINITION: Linear\Structures\Walls\RetainingWallTopNew	0 | 0 7 | Linear	
WallGutter ST_WA_WallGutter USE FEATURE DEFINITION: Linear\Structures\Walls\WallGutter	0 | 5 55 | Linear	

S5.05 Standard Symbols (cont.)

Examples are shown at the correct size for all drawing scales printed to 11"x17" PS&E sheet, unless otherwise noted. Items flagged with an asterisk (*) are True Size items that always measure the same in ground units and their size on a print changes with the drawing scale. The scales of the True Size item examples are noted. Where noted, use the Feature Definition rather than Element Template to place feature.

Structures - Walls

Element Template (Level Name)	ByLevel Weight | ByLevel Style byLevel Color | Element Type	Example
WallGutterNew ST_WA_WallGutterNew USE FEATURE DEFINITION: Linear\Structures\Walls\WallGutterNew	0 | 0 39 | Linear	

S5.05 Standard Symbols (cont.)

Examples are shown at the correct size for all drawing scales printed to 11"x17" PS&E sheet, unless otherwise noted. Items flagged with an asterisk (*) are True Size items that always measure the same in ground units and their size on a print changes with the drawing scale. The scales of the True Size item examples are noted. Where noted, use the Feature Definition rather than Element Template to place feature.

Surface

Element Template (Level Name)	ByLevel Weight | ByLevel Style byLevel Color | Element Type	Example
ATB SF_TC_ATB USE FEATURE DEFINITION: Linear\Surface\ATB	0 | 0 6 | Linear	
CCP SF_TC_CCP USE FEATURE DEFINITION: Linear\Surface\CCP	2 | 0 96 | Linear	
CG SF_TC_CG USE FEATURE DEFINITION: Linear\Surface\CG	2 | 0 96 | Linear	
Concrete SF_TC_Concrete USE FEATURE DEFINITION: Linear\Surface\Concrete	1 | 0 64 | Linear	
CSBC SF_TC_CSBC USE FEATURE DEFINITION: Linear\Surface\CSBC	2 | 0 48 | Linear	
CSTC SF_TC_CSTC USE FEATURE DEFINITION: Linear\Surface\CSTC	0 | 0 32 | Linear	
Grass SF_TC_Grass USE FEATURE DEFINITION: Linear\Surface\Grass	2 | 0 161 | Linear	

S5.05 Standard Symbols (cont.)

Examples are shown at the correct size for all drawing scales printed to 11"x17" PS&E sheet, unless otherwise noted. Items flagged with an asterisk (*) are True Size items that always measure the same in ground units and their size on a print changes with the drawing scale. The scales of the True Size item examples are noted. Where noted, use the Feature Definition rather than Element Template to place feature.

Surface

Element Template (Level Name)	ByLevel Weight | ByLevel Style byLevel Color | Element Type	Example
GravelBackfillForPZB SF_TC_GravelBackfillForPZB USE FEATURE DEFINITION: Linear\Surface\GravelBackfillForPZB	0 | 0 112 | Linear	
GravelCap SF_TC_GravelCap USE FEATURE DEFINITION: Linear\Surface\GravelCap	0 | 0 48 | Linear	
HMA SF_TC_HMA USE FEATURE DEFINITION: Linear\Surface\HMA	1 | 0 128 | Linear	
HMA_LC SF_TC_HMA_LC USE FEATURE DEFINITION: Linear\Surface\HMA_LC	2 | 0 79 | Linear	
HMA_WC SF_TC_HMA_WC USE FEATURE DEFINITION: Linear\Surface\HMA_WC	2 | 0 47 | Linear	
Material1 SF_TC_Material1 USE FEATURE DEFINITION: Linear\Surface\Material1	0 | 0 8 | Linear	
Material2 SF_TC_Material2 USE FEATURE DEFINITION: Linear\Surface\Material2	0 | 0 9 | Linear	

S5.05 Standard Symbols (cont.)

Examples are shown at the correct size for all drawing scales printed to 11"x17" PS&E sheet, unless otherwise noted. Items flagged with an asterisk (*) are True Size items that always measure the same in ground units and their size on a print changes with the drawing scale. The scales of the True Size item examples are noted. Where noted, use the Feature Definition rather than Element Template to place feature.

Surface

Element Template (Level Name)	ByLevel Weight | ByLevel Style byLevel Color | Element Type	Example
Material3 SF_TC_Material3 USE FEATURE DEFINITION: Linear\Surface\Material3	0 | 0 10 | Linear	
Material4 SF_TC_Material4 USE FEATURE DEFINITION: Linear\Surface\Material4	0 | 0 5 | Linear	
Material5 SF_TC_Material5 USE FEATURE DEFINITION: Linear\Surface\Material5	0 | 0 14 | Linear	
PipeZoneBackfill SF_TC_PipeZoneBackfill USE FEATURE DEFINITION: Linear\Surface\PipeZoneBackfill	0 | 0 48 | Linear	
QuarrySpalls SF_TC_QuarrySpalls USE FEATURE DEFINITION: Mesh\Surface\QuarrySpalls	1 | 0 128 | Linear	
RockCap SF_TC_RockCap USE FEATURE DEFINITION: Linear\Surface\RockCap	0 | 0 13 | Linear	
Soil SF_TC_Soil USE FEATURE DEFINITION: Linear\Surface\Soil	0 | 0 46 | Linear	

S5.05 Standard Symbols (cont.)

Examples are shown at the correct size for all drawing scales printed to 11"x17" PS&E sheet, unless otherwise noted. Items flagged with an asterisk (*) are True Size items that always measure the same in ground units and their size on a print changes with the drawing scale. The scales of the True Size item examples are noted. Where noted, use the Feature Definition rather than Element Template to place feature.

Surface

Element Template (Level Name)	ByLevel Weight | ByLevel Style byLevel Color | Element Type	Example
Streambed SF_TC_Streambed USE FEATURE DEFINITION: Mesh\Surface\Streambed	0 | 0 32 | Linear	
Subgrade SF_TC_Subgrade USE FEATURE DEFINITION: Linear\Surface\Subgrade	0 | 0 7 | Linear	
TrenchWall SF_TC_TrenchWall USE FEATURE DEFINITION: Linear\Surface\TrenchWall	0 | 0 110 | Linear	
UnsuitableMaterial SF_TC_UnsuitableMaterial USE FEATURE DEFINITION: Linear\Surface\UnsuitableMaterial	0 | 0 4 | Linear	

S5.05 Standard Symbols (cont.)

Examples are shown at the correct size for all drawing scales printed to 11"x17" PS&E sheet, unless otherwise noted. Items flagged with an asterisk (*) are True Size items that always measure the same in ground units and their size on a print changes with the drawing scale. The scales of the True Size item examples are noted. Where noted, use the Feature Definition rather than Element Template to place feature.

Terrain - Contours

Element Template (Level Name)	ByLevel Weight | ByLevel Style byLevel Color | Element Type	Example
IndexContours TE_CN_IndexContours USE FEATURE DEFINITION: Linear\Terrain\Contours\IndexContours	4 | 3 30 | Linear	
IndexContoursNew TE_CN_IndexContoursNew USE FEATURE DEFINITION: Linear\Terrain\Contours\IndexContoursNew	4 | 0 14 | Linear	
IndexContoursText TE_CN_IndexContoursText Text Style: CN_Exist Text Font: WSDOT CAE Text Size: 0.005833	0 | 0 30 | Text	*100*
IndexContoursTextNew TE_CN_IndexContoursTextNew Text Style: CN_New Text Font: WSDOT CAE Text Size: 0.005833	0 | 0 14 | Text	**100**
IntermedContoursTextNew TE_CN_IntermedContoursTextNew Text Style: CN_Exist Text Font: WSDOT CAE Text Size: 0.005833	0 | 0 46 | Text	*5*
IntermediateContours TE_CN_IntermediateContours USE FEATURE DEFINITION: Linear\Terrain\Contours\IntermediateContours	0 | 3 62 | Linear	
IntermediateContoursNew TE_CN_IntermediateContoursNew USE FEATURE DEFINITION: Linear\Terrain\Contours\IntermediateContoursNew	0 | 0 46 | Linear	

S5.05 Standard Symbols (cont.)

Examples are shown at the correct size for all drawing scales printed to 11"x17" PS&E sheet, unless otherwise noted. Items flagged with an asterisk (*) are True Size items that always measure the same in ground units and their size on a print changes with the drawing scale. The scales of the True Size item examples are noted. Where noted, use the Feature Definition rather than Element Template to place feature.

Terrain - Contours

Element Template (Level Name)	ByLevel Weight | ByLevel Style byLevel Color | Element Type	Example
IntermediateContoursText TE_CN_IntermediateContoursText Text Style: CN_New Text Font: WSDOT CAE Text Size: 0.005833	0 | 0 62 | Text	5

S5.05 Standard Symbols (cont.)

Examples are shown at the correct size for all drawing scales printed to 11"x17" PS&E sheet, unless otherwise noted. Items flagged with an asterisk (*) are True Size items that always measure the same in ground units and their size on a print changes with the drawing scale. The scales of the True Size item examples are noted. Where noted, use the Feature Definition rather than Element Template to place feature.

Terrain - Drainage

Element Template (Level Name)	ByLevel Weight | ByLevel Style byLevel Color | Element Type	Example
Pond TE_DR_Pond USE FEATURE DEFINITION: Linear\Terrain\Drainage\Pond	2 | 0 7 | Linear	

S5.05 Standard Symbols (cont.)

Examples are shown at the correct size for all drawing scales printed to 11"x17" PS&E sheet, unless otherwise noted. Items flagged with an asterisk (*) are True Size items that always measure the same in ground units and their size on a print changes with the drawing scale. The scales of the True Size item examples are noted. Where noted, use the Feature Definition rather than Element Template to place feature.

Terrain - Existing

Element Template (Level Name)	ByLevel Weight | ByLevel Style byLevel Color | Element Type	Example
Breakline TE_EX_Breakline USE FEATURE DEFINITION: Linear\Terrain\Existing\Breakline	0 | 0 26 | Linear	
ContourImported TE_EX_ContourImported USE FEATURE DEFINITION: Linear\Terrain\Existing\ContourImported	0 | 3 80 | Linear	
ExteriorBoundary TE_EX_ExteriorBoundary USE FEATURE DEFINITION: Linear\Terrain\Existing\ExteriorBoundary	0 | 3 0 | Linear	
LIDARSection TE_EX_LIDARSection USE FEATURE DEFINITION: Linear\Terrain\Existing\LIDARSection	0 | 0 6 | Linear	
SpotElevation TE_EX_SpotElevation USE FEATURE DEFINITION: Point\Terrain\Existing\SpotElevation	0 | 0 94 | Cell	
SpotElevationsText TE_EX_SpotElevationsText Text Style: TE_PT_Points Text Font: WSDOT CAE Text Size: 0.005833	0 | 0 94 | Text	126.75
TransverseFeature TE_EX_TransverseFeature USE FEATURE DEFINITION: Linear\Terrain\Existing\TransverseFeature	0 | 0 154 | Linear	

S5.05 Standard Symbols (cont.)

Examples are shown at the correct size for all drawing scales printed to 11"x17" PS&E sheet, unless otherwise noted. Items flagged with an asterisk (*) are True Size items that always measure the same in ground units and their size on a print changes with the drawing scale. The scales of the True Size item examples are noted. Where noted, use the Feature Definition rather than Element Template to place feature.

Terrain - Existing - Visualization

Element Template (Level Name)	ByLevel Weight | ByLevel Style byLevel Color | Element Type	Example
Unsuitable_Boundary TE_EX_UnsuitableBoundary	2 | 0 6 | Linear	

S5.05 Standard Symbols (cont.)

Examples are shown at the correct size for all drawing scales printed to 11"x17" PS&E sheet, unless otherwise noted. Items flagged with an asterisk (*) are True Size items that always measure the same in ground units and their size on a print changes with the drawing scale. The scales of the True Size item examples are noted. Where noted, use the Feature Definition rather than Element Template to place feature.

Terrain - New

Element Template (Level Name)	ByLevel Weight | ByLevel Style byLevel Color | Element Type	Example
BreaklineNew TE_NW_BreaklineNew USE FEATURE DEFINITION: Linear\Terrain\New\BreaklineNew	0 | 0 10 | Linear	
ExteriorBoundaryNew TE_NW_ExteriorBoundaryNew USE FEATURE DEFINITION: Linear\Terrain\New\ExteriorBoundaryNew	0 | 0 0 | Linear	
SpotElevationNew TE_NW_SpotElevationNew USE FEATURE DEFINITION: Point\Terrain\New\SpotElevationNew	0 | 0 78 | Cell	SE
SpotElevationTextNew TE_NW_SpotElevationTextNew Text Style: TE_PT_Points Text Font: WSDOT CAE Text Size: 0.005833	0 | 0 78 | Text	126.75

S5.05 Standard Symbols (cont.)

Examples are shown at the correct size for all drawing scales printed to 11"x17" PS&E sheet, unless otherwise noted. Items flagged with an asterisk (*) are True Size items that always measure the same in ground units and their size on a print changes with the drawing scale. The scales of the True Size item examples are noted. Where noted, use the Feature Definition rather than Element Template to place feature.

Terrain - Points

Element Template (Level Name)

ByLevel Weight | ByLevel Style
byLevel Color | Element Type

Example

DTMCheck
TE_PT_DTMCheck
0 | 0
0 | Cell

USE FEATURE DEFINITION: Point\Terrain\Points\DTMCheck

GenericPoint
TE_PT_GenericPoint



USE FEATURE DEFINITION: Point\Terrain\Points\GenericPoint

LIDARAirborne
TE_PT_LIDARAirborne
0 | 0
6 | Cell

USE FEATURE DEFINITION: Point\Terrain\Points\LIDARAirborne

LIDARTerrestrial
TE_PT_LIDARTerrestrial
0 | 0
6 | Cell

USE FEATURE DEFINITION: Point\Terrain\Points\LIDARTerrestrial

SurveyTopoLabel
TE_PT_SurveyTopoLabel
0 | 0
0 | Text

CATCH BASIN

Text Style: 07
Text Font: WSDOT CAE
Text Size: 0.005833

S5.05 Standard Symbols (cont.)

Examples are shown at the correct size for all drawing scales printed to 11"x17" PS&E sheet, unless otherwise noted. Items flagged with an asterisk (*) are True Size items that always measure the same in ground units and their size on a print changes with the drawing scale. The scales of the True Size item examples are noted. Where noted, use the Feature Definition rather than Element Template to place feature.

Topography - Manmade

Element Template (Level Name)	ByLevel Weight | ByLevel Style byLevel Color | Element Type	Example
AreaUnderConstr TP_MM_AreaUnderConstr USE FEATURE DEFINITION: Linear\Topography\Manmade\AreaUnderConstr	0 | 0 126 | Linear	
Bench TP_MM_Bench USE FEATURE DEFINITION: Linear\Topography\Manmade\Bench	0 | 2 126 | Linear	
BldgClosed TP_MM_BldgClosed USE FEATURE DEFINITION: Linear\Topography\Manmade\BldgClosed	0 | 0 126 | Linear	
BldgNotClosed TP_MM_BldgNotClosed USE FEATURE DEFINITION: Linear\Topography\Manmade\BldgNotClosed	0 | 0 126 | Linear	
BldgRoof TP_MM_BldgRoof USE FEATURE DEFINITION: Linear\Topography\Manmade\BldgRoof	0 | 0 126 | Linear	
BldgUnderConst TP_MM_BldgUnderConst USE FEATURE DEFINITION: Linear\Topography\Manmade\BldgUnderConst	0 | 0 126 | Linear	
BldgUnderConstClosed TP_MM_BldgUnderConstClosed USE FEATURE DEFINITION: Linear\Topography\Manmade\BldgUnderConstClosed	0 | 0 126 | Linear	

S5.05 Standard Symbols (cont.)

Examples are shown at the correct size for all drawing scales printed to 11"x17" PS&E sheet, unless otherwise noted. Items flagged with an asterisk (*) are True Size items that always measure the same in ground units and their size on a print changes with the drawing scale. The scales of the True Size item examples are noted. Where noted, use the Feature Definition rather than Element Template to place feature.

Topography - Manmade

Element Template (Level Name)	ByLevel Weight | ByLevel Style / byLevel Color | Element Type	Example
BldgUnderConstNotClosed TP_MM_BldgUnderConstNotClosed USE FEATURE DEFINITION: Linear\Topography\Manmade\BldgUnderConstNotClosed	0 | 0 126 | Linear	
BldgUnderConstOpen TP_MM_BldgUnderConstOpen USE FEATURE DEFINITION: Linear\Topography\Manmade\BldgUnderConstOpen	0 | 0 126 | Linear	
BoreHoleOrDrillHole TP_MM_BoreHoleOrDrillHole USE FEATURE DEFINITION: Point\Topography\Manmade\BoreHoleOrDrillHole	1 | 0 158 | Cell	
BoreHoleOrDrillHoleNew TP_MM_BoreHoleOrDrillHoleNew USE FEATURE DEFINITION: Point\Topography\Manmade\BoreHoleOrDrillHoleNew	1 | 0 142 | Cell	
Canal TP_MM_Canal USE FEATURE DEFINITION: Linear\Topography\Manmade\Canal	3 | 0 126 | Linear	
ClearGrubLineNew TP_MM_ClearGrubLineNew USE FEATURE DEFINITION: Linear\Topography\Manmade\ClearGrubLineNew	0 | TP_MM_ClearGrubLineNew 110 | Linear	— CG —— CG —— CG —— CG —— CG —
ClearLineNew TP_MM_ClearLineNew USE FEATURE DEFINITION: Linear\Topography\Manmade\ClearLineNew	0 | TP_MM_ClearLineNew 110 | Linear	— CLR —— CLR —— CLR —— CLR —— CLR —

S5.05 Standard Symbols (cont.)

Examples are shown at the correct size for all drawing scales printed to 11"x17" PS&E sheet, unless otherwise noted. Items flagged with an asterisk (*) are True Size items that always measure the same in ground units and their size on a print changes with the drawing scale. The scales of the True Size item examples are noted. Where noted, use the Feature Definition rather than Element Template to place feature.

Topography - Manmade

Element Template (Level Name)	ByLevel Weight | ByLevel Style byLevel Color | Element Type	Example
ConcreteSelective TP_MM_ConcreteSelective USE FEATURE DEFINITION: Point\Topography\Manmade\ConcreteSelective	0 | 0 58 | Cell	
ConcreteSlab TP_MM_ConcreteSlab USE FEATURE DEFINITION: Linear\Topography\Manmade\ConcreteSlab	0 | 2 126 | Linear	
ConcreteSlopeProtection TP_MM_ConcreteSlopeProtection USE FEATURE DEFINITION: Linear\Topography\Manmade\ConcreteSlopeProtection	0 | 0 126 | Linear	
Dam TP_MM_Dam USE FEATURE DEFINITION: Linear\Topography\Manmade\Dam	10 | 0 126 | Linear	
Deck TP_MM_Deck USE FEATURE DEFINITION: Linear\Topography\Manmade\Deck	0 | 2 126 | Linear	
Dike TP_MM_Dike USE FEATURE DEFINITION: Linear\Topography\Manmade\Dike	10 | 0 126 | Linear	
DistanceTie TP_MM_DistanceTie USE FEATURE DEFINITION: Linear\Topography\Manmade\DistanceTie	1 | 0 30 | Linear	

S5.05 Standard Symbols (cont.)

Examples are shown at the correct size for all drawing scales printed to 11"x17" PS&E sheet, unless otherwise noted. Items flagged with an asterisk (*) are True Size items that always measure the same in ground units and their size on a print changes with the drawing scale. The scales of the True Size item examples are noted. Where noted, use the Feature Definition rather than Element Template to place feature.

Topography - Manmade

Element Template (Level Name)	ByLevel Weight | ByLevel Style byLevel Color | Element Type	Example
Dock TP_MM_Dock USE FEATURE DEFINITION: Linear\Topography\Manmade\Dock	0 | 0 126 | Linear	
FieldLine TP_MM_FieldLine USE FEATURE DEFINITION: Linear\Topography\Manmade\FieldLine	1 | 3 158 | Linear	
FlagPole TP_MM_FlagPole USE FEATURE DEFINITION: Point\Topography\Manmade\FlagPole	0 | 0 126 | Cell	
Foundation TP_MM_Foundation USE FEATURE DEFINITION: Linear\Topography\Manmade\Foundation	0 | 2 126 | Linear	
GasTank TP_MM_GasTank USE FEATURE DEFINITION: Point\Topography\Manmade\GasTank	2 | 0 126 | Cell	
GeoTechInstrument TP_MM_GeoTechInstrument USE FEATURE DEFINITION: Point\Topography\Manmade\GeoTechInstrument	0 | 0 158 | Cell	
GravelParkingArea TP_MM_GravelParkingArea USE FEATURE DEFINITION: Linear\Topography\Manmade\GravelParkingArea	0 | 2 62 | Linear	

S5.05 Standard Symbols (cont.)

Examples are shown at the correct size for all drawing scales printed to 11"x17" PS&E sheet, unless otherwise noted. Items flagged with an asterisk (*) are True Size items that always measure the same in ground units and their size on a print changes with the drawing scale. The scales of the True Size item examples are noted. Where noted, use the Feature Definition rather than Element Template to place feature.

Topography - Manmade

Element Template (Level Name) | ByLevel Weight / ByLevel Style / byLevel Color / Element Type | Example

GrubLineNew
TP_MM_GrubLineNew
0 | TP_MM_GrubLineNew
110 | Linear

USE FEATURE DEFINITION: Linear\Topography\Manmade\GrubLineNew

HandRail
TP_MM_HandRail
0 | 2
126 | Linear

USE FEATURE DEFINITION: Linear\Topography\Manmade\HandRail

Hedge
TP_MM_Hedge
0 | TP_MM_Hedge
126 | Linear

USE FEATURE DEFINITION: Linear\Topography\Manmade\Hedge

ImpactAreaLineLT
TP_MM_ImpactAreaLineLT
1 | TP_MM_ImpactAreaLineLT
110 | Linear

USE FEATURE DEFINITION: Linear\Topography\Manmade\ImpactAreaLineLT

ImpactAreaLineRT
TP_MM_ImpactAreaLineRT
1 | TP_MM_ImpactAreaLineRT
110 | Linear

USE FEATURE DEFINITION: Linear\Topography\Manmade\ImpactAreaLineRT

MailBox
TP_MM_MailBox
1 | 0
126 | Cell



USE FEATURE DEFINITION: Point\Topography\Manmade\MailBox

MailBoxNew
TP_MM_MailBoxNew
1 | 0
110 | Cell



USE FEATURE DEFINITION: Point\Topography\Manmade\MailBoxNew

S5.05 Standard Symbols (cont.)

Examples are shown at the correct size for all drawing scales printed to 11"x17" PS&E sheet, unless otherwise noted. Items flagged with an asterisk (*) are True Size items that always measure the same in ground units and their size on a print changes with the drawing scale. The scales of the True Size item examples are noted. Where noted, use the Feature Definition rather than Element Template to place feature.

Topography - Manmade

Element Template (Level Name)	ByLevel Weight | ByLevel Style byLevel Color | Element Type	Example
MonitorWell TP_MM_MonitorWell USE FEATURE DEFINITION: Point\Topography\Manmade\MonitorWell	0 | 0 158 | Cell	
MonitorWellNew TP_MM_MonitorWellNew USE FEATURE DEFINITION: Point\Topography\Manmade\MonitorWellNew	0 | 0 142 | Cell	
NavigationChannel TP_MM_NavigationChannel USE FEATURE DEFINITION: Linear\Topography\Manmade\NavigationChannel	2 | 0 126 | Linear	
OilTank TP_MM_OilTank USE FEATURE DEFINITION: Point\Topography\Manmade\OilTank	2 | 0 126 | Cell	
OrchardOrVineyard TP_MM_OrchardOrVineyard USE FEATURE DEFINITION: Linear\Topography\Manmade\OrchardOrVineyard	1 | TP_MM_OrchardOrVineyard 126 | Linear	
ParkingMeter TP_MM_ParkingMeter USE FEATURE DEFINITION: Point\Topography\Manmade\ParkingMeter	0 | 0 126 | Cell	
Patio TP_MM_Patio USE FEATURE DEFINITION: Linear\Topography\Manmade\Patio	0 | 2 126 | Linear	

S5.05 Standard Symbols (cont.)

Examples are shown at the correct size for all drawing scales printed to 11"x17" PS&E sheet, unless otherwise noted. Items flagged with an asterisk (*) are True Size items that always measure the same in ground units and their size on a print changes with the drawing scale. The scales of the True Size item examples are noted. Where noted, use the Feature Definition rather than Element Template to place feature.

Topography - Manmade

Element Template (Level Name)	ByLevel Weight | ByLevel Style byLevel Color | Element Type	Example
PavedArea TP_MM_PavedArea USE FEATURE DEFINITION: Linear\Topography\Manmade\PavedArea	0 | 2 94 | Linear	
PavedParkingArea TP_MM_PavedParkingArea USE FEATURE DEFINITION: Linear\Topography\Manmade\PavedParkingArea	0 | 2 94 | Linear	
Piezometer TP_MM_Piezometer USE FEATURE DEFINITION: Point\Topography\Manmade\Piezometer	0 | 0 158 | Cell	
PiezometerNew TP_MM_PiezometerNew USE FEATURE DEFINITION: Point\Topography\Manmade\PiezometerNew	0 | 0 142 | Cell	
Piling TP_MM_Piling USE FEATURE DEFINITION: Point\Topography\Manmade\Piling	0 | 0 126 | Cell	
Pipe TP_MM_Pipe USE FEATURE DEFINITION: Linear\Topography\Manmade\Pipe	0 | 3 126 | Linear	
PostMetal TP_MM_PostMetal USE FEATURE DEFINITION: Point\Topography\Manmade\PostMetal	0 | 0 126 | Cell	

S5.05 Standard Symbols (cont.)

Examples are shown at the correct size for all drawing scales printed to 11"x17" PS&E sheet, unless otherwise noted. Items flagged with an asterisk (*) are True Size items that always measure the same in ground units and their size on a print changes with the drawing scale. The scales of the True Size item examples are noted. Where noted, use the Feature Definition rather than Element Template to place feature.

Topography - Manmade

Element Template (Level Name)	ByLevel Weight | ByLevel Style byLevel Color | Element Type	Example
PostWood TP_MM_PostWood USE FEATURE DEFINITION: Point\Topography\Manmade\PostWood	0 | 0 126 | Cell	
PvmntSelective TP_MM_PvmntSelective USE FEATURE DEFINITION: Point\Topography\Manmade\PvmntSelective	0 | 0 122 | Cell	
QuarryBndry TP_MM_QuarryBndry USE FEATURE DEFINITION: Linear\Topography\Manmade\QuarryBndry	1 | 3 126 | Linear	
QuarrySymb TP_MM_QuarrySymb USE FEATURE DEFINITION: Point\Topography\Manmade\QuarrySymb	1 | 0 126 | Cell	
Reservoir TP_MM_Reservoir USE FEATURE DEFINITION: Linear\Topography\Manmade\Reservoir	3 | 0 126 | Linear	
RipRapEdge TP_MM_RipRapEdge USE FEATURE DEFINITION: Linear\Topography\Manmade\RipRapEdge	0 | 0 126 | Linear	
RRCenterTracks TP_MM_RRCenterTracks USE FEATURE DEFINITION: Linear\Topography\Manmade\RRCenterTracks	2 | TP_MM_RRCenterTracks 62 | Linear	

S5.05 Standard Symbols (cont.)

Examples are shown at the correct size for all drawing scales printed to 11"x17" PS&E sheet, unless otherwise noted. Items flagged with an asterisk (*) are True Size items that always measure the same in ground units and their size on a print changes with the drawing scale. The scales of the True Size item examples are noted. Where noted, use the Feature Definition rather than Element Template to place feature.

Topography - Manmade

Element Template (Level Name) | ByLevel Weight / byLevel Color | ByLevel Style / Element Type | Example

RRCenterTracksNew
TP_MM_RRCenterTracksNew
2 / 46 | TP_MM_RRCenterTracksNew / Linear

RRRailTop
TP_MM_RRRailTop
1 / 62 | 0 / Linear
USE FEATURE DEFINITION: Linear\Topography\Manmade\RRRailTop

Ruins
TP_MM_Ruins
2 / 126 | 0 / Linear
USE FEATURE DEFINITION: Linear\Topography\Manmade\Ruins

Stair
TP_MM_Stair
0 / 126 | 2 / Linear
USE FEATURE DEFINITION: Linear\Topography\Manmade\Stair

StockpileBottom
TP_MM_StockpileBottom
0 / 126 | 2 / Linear
USE FEATURE DEFINITION: Linear\Topography\Manmade\StockpileBottom

StockpileTop
TP_MM_StockpileTop
0 / 126 | 2 / Linear
USE FEATURE DEFINITION: Linear\Topography\Manmade\StockpileTop

Structure
TP_MM_Structure
2 / 126 | 0 / Linear
USE FEATURE DEFINITION: Linear\Structures\Bridges\Structure

S5.05 Standard Symbols (cont.)

Examples are shown at the correct size for all drawing scales printed to 11"x17" PS&E sheet, unless otherwise noted. Items flagged with an asterisk (*) are True Size items that always measure the same in ground units and their size on a print changes with the drawing scale. The scales of the True Size item examples are noted. Where noted, use the Feature Definition rather than Element Template to place feature.

Topography - Manmade

Element Template (Level Name)	ByLevel Weight | ByLevel Style byLevel Color | Element Type	Example
Tank TP_MM_Tank USE FEATURE DEFINITION: Point\Topography\Manmade\Tank	0 | 0 126 | Cell	
TankLine TP_MM_TankLine USE FEATURE DEFINITION: Linear\Topography\Manmade\TankLine	2 | 2 126 | Linear	
Trail TP_MM_Trail USE FEATURE DEFINITION: Linear\Topography\Manmade\Trail	0 | 0 126 | Linear	
UnknownLinearObject TP_MM_UnknownLinearObject USE FEATURE DEFINITION: Linear\Topography\Manmade\UnknownLinearObject	2 | 2 126 | Linear	
UnknownObject TP_MM_UnknownObject USE FEATURE DEFINITION: Point\Topography\Manmade\UnknownObject	2 | 2 126 | Cell	
VentGrate TP_MM_VentGrate USE FEATURE DEFINITION: Linear\Topography\Manmade\VentGrate	0 | 0 126 | Cell	
WaterTank TP_MM_WaterTank USE FEATURE DEFINITION: Point\Topography\Manmade\WaterTank	2 | 0 126 | Cell	

S5.05 Standard Symbols (cont.)

Examples are shown at the correct size for all drawing scales printed to 11"x17" PS&E sheet, unless otherwise noted. Items flagged with an asterisk (*) are True Size items that always measure the same in ground units and their size on a print changes with the drawing scale. The scales of the True Size item examples are noted. Where noted, use the Feature Definition rather than Element Template to place feature.

Topography - Manmade

Element Template (Level Name)	ByLevel Weight | ByLevel Style byLevel Color | Element Type	Example
WaterwayChannel TP_MM_WaterwayChannel USE FEATURE DEFINITION: Linear\Topography\Manmade\WaterwayChannel	2 | 0 126 | Linear	
Weir TP_MM_Weir USE FEATURE DEFINITION: Linear\Topography\Manmade\Weir	1 | 0 18 | Linear	
Well TP_MM_Well USE FEATURE DEFINITION: Point\Topography\Manmade\Well	0 | 2 126 | Cell	
YardLight TP_MM_YardLight USE FEATURE DEFINITION: Point\Topography\Manmade\YardLight	0 | 0 126 | Cell	

S5.05 Standard Symbols (cont.)

Examples are shown at the correct size for all drawing scales printed to 11"x17" PS&E sheet, unless otherwise noted. Items flagged with an asterisk (*) are True Size items that always measure the same in ground units and their size on a print changes with the drawing scale. The scales of the True Size item examples are noted. Where noted, use the Feature Definition rather than Element Template to place feature.

Topography - Natural

Element Template (Level Name)	ByLevel Weight | ByLevel Style byLevel Color | Element Type	Example

BankBottom
TP_NT_BankBottom
USE FEATURE DEFINITION: Linear\Roadway\Edges\BankBottom

0 | 0
154 | Linear

BanksLineForPlotting
TP_NT_BanksLineForPlotting
USE FEATURE DEFINITION: Linear\Topography\Natural\BanksLineForPlotting

0 | 0
154 | Linear

BankTop
TP_NT_BankTop
USE FEATURE DEFINITION: Linear\Topography\Natural\BankTop

0 | 0
154 | Linear

BrushLine
TP_NT_BrushLine
USE FEATURE DEFINITION: Linear\Topography\Natural\BrushLine

0 | TP_NT_BrushLine
30 | Linear

ChannelBreakline
TP_NT_ChannelBreakline
USE FEATURE DEFINITION: Linear\Topography\Natural\ChannelBreakline

1 | 0
30 | Linear

Forest
TP_NT_Forest
USE FEATURE DEFINITION: Linear\Topography\Natural\Forest

0 | TP_NT_Forest
94 | Linear



GroundSelective
TP_NT_Groundselective
USE FEATURE DEFINITION: Point\Topography\Natural\GroundSelective

0 | 0
26 | Cell

S5.05 Standard Symbols (cont.)

Examples are shown at the correct size for all drawing scales printed to 11"x17" PS&E sheet, unless otherwise noted. Items flagged with an asterisk (*) are True Size items that always measure the same in ground units and their size on a print changes with the drawing scale. The scales of the True Size item examples are noted. Where noted, use the Feature Definition rather than Element Template to place feature.

Topography - Natural

Element Template (Level Name) | ByLevel Weight / byLevel Color | ByLevel Style / Element Type | Example

HighWaterLine — 3 / 30 | 0 / Linear
TP_NT_HighWaterLine
USE FEATURE DEFINITION: Linear\Topography\Natural\HighWaterLine

IntermittentStream — 0 / 94 | 0 / Linear
TP_NT_IntermittentStream
USE FEATURE DEFINITION: Linear\Topography\Natural\IntermittentStream

LakeEdge — 3 / 1 | 2 / Linear
TP_NT_LakeEdge
USE FEATURE DEFINITION: Linear\Topography\Natural\LakeEdge

LargeBodyofWaterEdge — 3 / 1 | 2 / Linear
TP_NT_LargeBodyofWaterEdge
USE FEATURE DEFINITION: Linear\Topography\Natural\LargeBodyofWaterEdge

Log — 0 / 30 | 0 / Cell
TP_NT_Log
USE FEATURE DEFINITION: Linear\Environmental\Landscape\Log

MarshEdge — 3 / 1 | 2 / Linear
TP_NT_MarshEdge
USE FEATURE DEFINITION: Linear\Topography\Natural\MarshEdge

NonStandard — 0 / 26 | 0 / Linear
TP_NT_NonStandard
USE FEATURE DEFINITION: Linear\Topography\Natural\NonStandard

S5.05 Standard Symbols (cont.)

Examples are shown at the correct size for all drawing scales printed to 11"x17" PS&E sheet, unless otherwise noted. Items flagged with an asterisk (*) are True Size items that always measure the same in ground units and their size on a print changes with the drawing scale. The scales of the True Size item examples are noted. Where noted, use the Feature Definition rather than Element Template to place feature.

Topography - Natural

Element Template (Level Name)	ByLevel Weight | ByLevel Style byLevel Color | Element Type	Example
ObscureArea TP_NT_ObscureArea USE FEATURE DEFINITION: Linear\Topography\Natural\ObscureArea	0 | 0 122 | Linear	
Obstruction TP_NT_Obstruction USE FEATURE DEFINITION: Linear\Topography\Natural\Obstruction	1 | 0 18 | Linear	
PartiallyObscureArea TP_NT_PartiallyObscureArea USE FEATURE DEFINITION: Linear\Topography\Natural\PartiallyObscureArea	0 | 0 122 | Linear	
PondBottom TP_NT_PondBottom USE FEATURE DEFINITION: Linear\Topography\Natural\PondBottom	3 | 0 17 | Linear	
PondEdge TP_NT_PondEdge USE FEATURE DEFINITION: Linear\Topography\Natural\PondEdge	3 | 2 1 | Linear	
RiverEdge TP_NT_RiverEdge USE FEATURE DEFINITION: Linear\Topography\Natural\RiverEdge	3 | 2 1 | Linear	
Rock TP_NT_Rock USE FEATURE DEFINITION: Linear\Topography\Natural\Rock	0 | 0 154 | Cell	

S5.05 Standard Symbols (cont.)

Examples are shown at the correct size for all drawing scales printed to 11"x17" PS&E sheet, unless otherwise noted. Items flagged with an asterisk (*) are True Size items that always measure the same in ground units and their size on a print changes with the drawing scale. The scales of the True Size item examples are noted. Where noted, use the Feature Definition rather than Element Template to place feature.

Topography - Natural

Element Template (Level Name)	ByLevel Weight | ByLevel Style byLevel Color | Element Type	Example
RockLine TP_NT_RockLine USE FEATURE DEFINITION: Linear\Topography\Natural\RockLine	2 | 3 26 | Linear	
Sounding TP_NT_Sounding USE FEATURE DEFINITION: Point\Topography\Natural\Sounding	0 | 0 17 | Cell	
StreamNonScalable TP_NT_StreamNonScalable USE FEATURE DEFINITION: Linear\Topography\Natural\StreamNonScalable	3 | 0 126 | Linear	
StreamScaleableBottom TP_NT_StreamScaleableBottom	3 | 2 17 | Linear	
StreamScaleableEdge TP_NT_StreamScaleableEdge	3 | 2 17 | Linear	
Stump TP_NT_Stump USE FEATURE DEFINITION: Point\Environmental\Landscape\Stump	0 | 0 30 | Cell	
Thalweg TP_NT_Thalweg USE FEATURE DEFINITION: Linear\Topography\Natural\Thalweg	1 | 0 17 | Linear	

S5.05 Standard Symbols (cont.)

Examples are shown at the correct size for all drawing scales printed to 11"x17" PS&E sheet, unless otherwise noted. Items flagged with an asterisk (*) are True Size items that always measure the same in ground units and their size on a print changes with the drawing scale. The scales of the True Size item examples are noted. Where noted, use the Feature Definition rather than Element Template to place feature.

Topography - Natural

Element Template (Level Name)	ByLevel Weight | ByLevel Style byLevel Color | Element Type	Example
TidalShoreline TP_NT_TidalShoreline	3 | 0 126 | Linear	
TopographyLimit TP_NT_TopographyLimit USE FEATURE DEFINITION: Linear\Topography\Natural\TopographyLimit	0 | 0 122 | Linear	
TopographyLimitClosed TP_NT_TopographyLimitClosed USE FEATURE DEFINITION: Linear\Topography\Natural\TopographyLimitClosed	0 | 0 122 | Linear	
TreeByCenter TP_NT_TreeByCenter USE FEATURE DEFINITION: Point\Topography\Natural\TreeByCenter	0 | 0 94 | Cell	
TreeByEdge TP_NT_TreeByEdge USE FEATURE DEFINITION: Point\Topography\Natural\TreeByEdge	0 | 0 94 | Cell	
TreeLine TP_NT_TreeLine USE FEATURE DEFINITION: Linear\Topography\Natural\TreeLine	0 | TP_NT_TreeLine 94 | Linear	
UnknownLinearObject TP_NT_UnknownLinearObject USE FEATURE DEFINITION: Linear\Topography\Manmade\UnknownLinearObject	0 | 0 30 | Linear	

S5.05 Standard Symbols (cont.)

Examples are shown at the correct size for all drawing scales printed to 11"x17" PS&E sheet, unless otherwise noted. Items flagged with an asterisk (*) are True Size items that always measure the same in ground units and their size on a print changes with the drawing scale. The scales of the True Size item examples are noted. Where noted, use the Feature Definition rather than Element Template to place feature.

Topography - Natural

Element Template (Level Name)	ByLevel Weight | ByLevel Style byLevel Color | Element Type	Example
UnknownObject TP_NT_UnknownObject USE FEATURE DEFINITION: Point\Topography\Manmade\UnknownObject	0 | 0 30 | Cell	
WaterBodyShading TP_NT_WaterBodyShading USE FEATURE DEFINITION: Linear\Topography\Natural\WaterBodyShading	0 | 0 112 | Linear	
WaterEdge TP_NT_WaterEdge USE FEATURE DEFINITION: Linear\Topography\Natural\WaterEdge	3 | 2 1 | Linear	

S5.05 Standard Symbols (cont.)

Examples are shown at the correct size for all drawing scales printed to 11"x17" PS&E sheet, unless otherwise noted. Items flagged with an asterisk (*) are True Size items that always measure the same in ground units and their size on a print changes with the drawing scale. The scales of the True Size item examples are noted. Where noted, use the Feature Definition rather than Element Template to place feature.

Topography - Text - Manmade

Element Template (Level Name)	ByLevel Weight | ByLevel Style byLevel Color | Element Type	Example
DistanceTieText TP_MM_DistanceTieText Text Style: 07 Text Font: WSDOT CAE Text Size: 0.005833	0 | 0 30 | Text	48'
ManmadeTopographyText TP_MM_ManmadeTopographyText Text Style: 07 Text Font: WSDOT CAE Text Size: 0.005833	0 | 0 30 | Text	GABION WALL
RRText TP_MM_RRText Text Style: 07-Ital Text Font: WSDOT CAE Text Size: 0.005833	0 | 0 62 | Text	*BNSF RAILWAY*

S5.05 Standard Symbols (cont.)

Examples are shown at the correct size for all drawing scales printed to 11"x17" PS&E sheet, unless otherwise noted. Items flagged with an asterisk (*) are True Size items that always measure the same in ground units and their size on a print changes with the drawing scale. The scales of the True Size item examples are noted. Where noted, use the Feature Definition rather than Element Template to place feature.

Topography - Text - Natural

Element Template (Level Name)	ByLevel Weight | ByLevel Style byLevel Color | Element Type	Example
NaturalTopographyText TP_NT_NaturalTopographyText Text Style: 07-Ital Text Font: WSDOT CAE Text Size: 0.005833	0 | 0 30 | Text	*FIR TREE*
WaterPondLakeResText TP_NT_WaterPondLakeResText Text Style: 07 Text Font: WSDOT CAE Text Size: 0.005833	0 | 0 126 | Text	GREEN RIVER
WaterTidalShoreLgBodyText TP_NT_WaterTidalShoreLgBodyText Text Style: 10-Bold Text Font: WSDOT CAE Text Size: 0.008333	0 | 0 126 | Text	**BUDD INLET**

S5.05 Standard Symbols (cont.)

Examples are shown at the correct size for all drawing scales printed to 11"x17" PS&E sheet, unless otherwise noted. Items flagged with an asterisk (*) are True Size items that always measure the same in ground units and their size on a print changes with the drawing scale. The scales of the True Size item examples are noted. Where noted, use the Feature Definition rather than Element Template to place feature.

Traffic - Call-Out Flags

Element Template (Level Name)	ByLevel Weight | ByLevel Style / byLevel Color | Element Type	Example
Construction Note Flag - Illum SH_TI_ConstructionNoteFlagIllum	0 | 0 6 | Cell	
Construction Note Flag - Signals SH_TI_ConstructionNoteFlagSignal	0 | 0 6 | Cell	
Pole Note Flag - Illum SH_TI_PoleNoteFlagIllum	0 | 0 102 | Cell	
Pole Note Flag - Signals SH_TI_PoleNoteFlagSignal	0 | 0 6 | Cell	
Sign Note Flag SH_TI_SignNoteFlag	0 | 0 134 | Cell	
Sign Relocation Note Flag SH_TI_SignRelocationNoteFlag	0 | 0 134 | Cell	
Sign Removal Note Flag SH_TI_SignRemovalNoteFlag	0 | 0 134 | Cell	

S5.05 Standard Symbols (cont.)

Examples are shown at the correct size for all drawing scales printed to 11"x17" PS&E sheet, unless otherwise noted. Items flagged with an asterisk (*) are True Size items that always measure the same in ground units and their size on a print changes with the drawing scale. The scales of the True Size item examples are noted. Where noted, use the Feature Definition rather than Element Template to place feature.

Traffic - Call-Out Flags

Element Template (Level Name)	ByLevel Weight | ByLevel Style / byLevel Color | Element Type	Example
SignNoteFlag SH_TI_SignNoteFlag	0 | 0 134 | Cell	
SignRelocationNoteFlag SH_TI_SignRelocationNoteFlag	0 | 0 134 | Cell	
SignRemovalNoteFlag SH_TI_SignRemovalNoteFlag	0 | 0 134 | Cell	
Wire Note Flag - Illum SH_TI_WireNoteFlagIllum	0 | 0 6 | Cell	
Wire Note Flag - Signals SH_TI_WireNoteFlagSignal	0 | 0 6 | Cell	

S5.05 Standard Symbols (cont.)

Examples are shown at the correct size for all drawing scales printed to 11"x17" PS&E sheet, unless otherwise noted. Items flagged with an asterisk (*) are True Size items that always measure the same in ground units and their size on a print changes with the drawing scale. The scales of the True Size item examples are noted. Where noted, use the Feature Definition rather than Element Template to place feature.

Traffic - Illumination

Element Template (Level Name)	ByLevel Weight | ByLevel Style / byLevel Color | Element Type	Example
BarrierRecMountedLightNew TR_IL_BarrierRecMountedLightNew USE FEATURE DEFINITION: Point\Traffic\Illumination\BarrierRecMountedLightNew	2 | 0 6 | Cell	
ConduitAndWiring TR_IL_ConduitAndWiring USE FEATURE DEFINITION: Linear\Traffic\Illumination\ConduitAndWiring	0 | 6 86 | Linear	
ConduitAndWiringNew TR_IL_ConduitAndWiringNew USE FEATURE DEFINITION: Linear\Traffic\Illumination\ConduitAndWiringNew	2 | 6 70 | Linear	
ControllerCabinet TR_IL_ControllerCabinet USE FEATURE DEFINITION: Point\Traffic\Illumination\ControllerCabinet	0 | 0 22 | Cell	
ControllerCabinetNew TR_IL_ControllerCabinetNew USE FEATURE DEFINITION: Point\Traffic\Illumination\ControllerCabinetNew	2 | 0 6 | Cell	
ElectricalServiceCab TR_IL_ElectricalServiceCab USE FEATURE DEFINITION: Point\Traffic\Illumination\ElectricalServiceCab	0 | 0 22 | Cell	
ElectricalServiceCabNew TR_IL_ElectricalServiceCabNew USE FEATURE DEFINITION: Point\Traffic\Illumination\ElectricalServiceCabNew	2 | 0 6 | Cell	

S5.05 Standard Symbols (cont.)

Examples are shown at the correct size for all drawing scales printed to 11"x17" PS&E sheet, unless otherwise noted. Items flagged with an asterisk (*) are True Size items that always measure the same in ground units and their size on a print changes with the drawing scale. The scales of the True Size item examples are noted. Where noted, use the Feature Definition rather than Element Template to place feature.

Traffic - Illumination

Element Template (Level Name)	ByLevel Weight | ByLevel Style / byLevel Color | Element Type	Example

ExpanFitAXDXNew
TR_IL_ExpanFitAXDXNew
USE FEATURE DEFINITION: Point\Traffic\Illumination\ExpanFitAXDXNew

2 | 0
102 | Cell

ExpanFitDXNew
TR_IL_ExpanFitDXNew
USE FEATURE DEFINITION: Point\Traffic\Illumination\ExpanFitDXNew

2 | 0
102 | Cell

FluorescentLight
TR_IL_FluorescentLight
USE FEATURE DEFINITION: Point\Traffic\Illumination\FluorescentLight

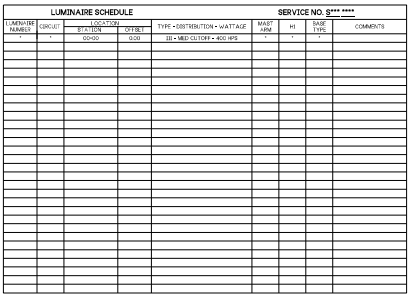
0 | 0
150 | Cell



IlluminationSchedule-Large
SH_TI_IllumScheduleLarge

Scale shown at : 30%

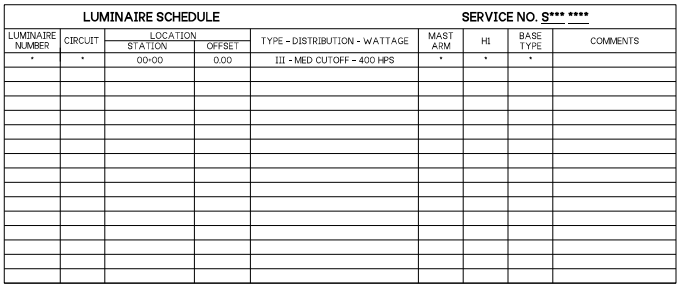
0 | 0
18 | Cell



IlluminationSchedule-Medium
SH_TI_IllumScheduleMedium

Scale shown at : 50%

0 | 0
18 | Cell



S5.05 Standard Symbols (cont.)

Examples are shown at the correct size for all drawing scales printed to 11"x17" PS&E sheet, unless otherwise noted. Items flagged with an asterisk (*) are True Size items that always measure the same in ground units and their size on a print changes with the drawing scale. The scales of the True Size item examples are noted. Where noted, use the Feature Definition rather than Element Template to place feature.

Traffic – Illumination

Element Template (Level Name)	ByLevel Weight | ByLevel Style byLevel Color | Element Type	Example

IlluminationSchedule-Small
SH_TI_IllumScheduleSmall

0 | 0
18 | Cell

Scale shown at : 50%

LUMINAIRE SCHEDULE — SERVICE NO. S*** ****

LUMINAIRE NUMBER	CIRCUIT	LOCATION		TYPE - DISTRIBUTION - WATTAGE	MAST ARM	HI	BASE TYPE	COMMENTS
		STATION	OFFSET					
*	*	00+00	0.00	III - MED CUTOFF - 400 HPS	*	*	*	

IlluminationWireSchedule-Large
SH_TI_IllumWireScheduleLarge

0 | 0
18 | Cell

Scale shown at : 50%

WIRING SCHEDULE — SERVICE NO. _ _

△ NO.	CONDUIT SIZE	CONDUCTORS		CIRCUIT	COMMENTS
		EXISTING	NEW		
1					

IlluminationWireSchedule-Small
SH_TI_IllumWireScheduleSmall

0 | 0
18 | Cell

Scale shown at : 75%

WIRING SCHEDULE — SERVICE NO. --- ----

△ NO.	CONDUIT SIZE	CONDUCTORS		CIRCUIT	COMMENTS
		EXISTING	NEW		
1					

LightPole
TR_IL_LightPole

0 | 0
54 | Cell

USE FEATURE DEFINITION: Point\Traffic\Illumination\LightPole

S5.05 Standard Symbols (cont.)

Examples are shown at the correct size for all drawing scales printed to 11"x17" PS&E sheet, unless otherwise noted. Items flagged with an asterisk (*) are True Size items that always measure the same in ground units and their size on a print changes with the drawing scale. The scales of the True Size item examples are noted. Where noted, use the Feature Definition rather than Element Template to place feature.

Traffic - Illumination

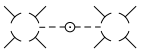
Element Template (Level Name)	ByLevel Weight | ByLevel Style / byLevel Color | Element Type	Example

LightStdCellWithNumberNew *
TR_IL_LightStdCellWithNumberNew
2 | 0 / 38 | Cell



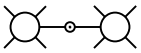
USE FEATURE DEFINITION: Point\Traffic\Illumination\LightStdCellWithNumberNew
Scale shown at : 100:1

LightStdDblMetal *
TR_IL_LightStdDblMetal
0 | 0 / 54 | Cell



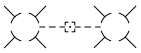
USE FEATURE DEFINITION: Point\Traffic\Illumination\LightStdDblMetal
Scale shown at : 100:1

LightStdDblMetalNew *
TR_IL_LightStdDblMetalNew
2 | 0 / 38 | Cell



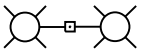
USE FEATURE DEFINITION: Point\Traffic\Illumination\LightStdDblMetalNew
Scale shown at : 100:1

LightStdDblTimber *
TR_IL_LightStdDblTimber
0 | 0 / 54 | Cell



USE FEATURE DEFINITION: Point\Traffic\Illumination\LightStdDblTimber
Scale shown at : 100:1

LightStdDblTimberNew *
TR_IL_LightStdDblTimberNew
2 | 0 / 38 | Cell



USE FEATURE DEFINITION: Point\Traffic\Illumination\LightStdDblTimberNew
Scale shown at : 100:1

LightStdGeneric *
TR_IL_LightStdGeneric
0 | 0 / 54 | Cell



USE FEATURE DEFINITION: Point\Traffic\Illumination\LightStdGeneric
Scale shown at : 100:1

LightStdGenericNew *
TR_IL_LightStdGenericNew
2 | 0 / 38 | Cell

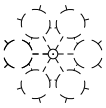
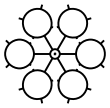


USE FEATURE DEFINITION: Point\Traffic\Illumination\LightStdGenericNew
Scale shown at : 100:1

S5.05 Standard Symbols (cont.)

Examples are shown at the correct size for all drawing scales printed to 11"x17" PS&E sheet, unless otherwise noted. Items flagged with an asterisk (*) are True Size items that always measure the same in ground units and their size on a print changes with the drawing scale. The scales of the True Size item examples are noted. Where noted, use the Feature Definition rather than Element Template to place feature.

Traffic - Illumination

Element Template (Level Name)	ByLevel Weight | ByLevel Style byLevel Color | Element Type	Example
LightStdQuadMetal * TR_IL_LightStdQuadMetal USE FEATURE DEFINITION: Point\Traffic\Illumination\LightStdQuadMetal Scale shown at : 100:1	0 | 0 54 | Cell	
LightStdQuadMetalNew * TR_IL_LightStdQuadMetalNew USE FEATURE DEFINITION: Point\Traffic\Illumination\LightStdQuadMetalNew Scale shown at : 100:1	2 | 0 38 | Cell	
LightStdSixMetal * TR_IL_LightStdSixMetal USE FEATURE DEFINITION: Point\Traffic\Illumination\LightStdSixMetal Scale shown at : 100:1	0 | 0 54 | Cell	
LightStdSixMetalNew * TR_IL_LightStdSixMetalNew USE FEATURE DEFINITION: Point\Traffic\Illumination\LightStdSixMetalNew Scale shown at : 100:1	2 | 0 38 | Cell	
LightStdSnglMetal * TR_IL_LightStdSnglMetal USE FEATURE DEFINITION: Point\Traffic\Illumination\LightStdSnglMetal Scale shown at : 100:1	0 | 0 54 | Cell	
LightStdSnglMetalNew * TR_IL_LightStdSnglMetalNew USE FEATURE DEFINITION: Point\Traffic\Illumination\LightStdSnglMetalNew Scale shown at : 100:1	2 | 0 38 | Cell	
LightStdSnglTimber * TR_IL_LightStdSnglTimber USE FEATURE DEFINITION: Point\Traffic\Illumination\LightStdSnglTimber Scale shown at : 100:1	0 | 0 54 | Cell	

S5.05 Standard Symbols (cont.)

Examples are shown at the correct size for all drawing scales printed to 11"x17" PS&E sheet, unless otherwise noted. Items flagged with an asterisk (*) are True Size items that always measure the same in ground units and their size on a print changes with the drawing scale. The scales of the True Size item examples are noted. Where noted, use the Feature Definition rather than Element Template to place feature.

Traffic - Illumination

Element Template (Level Name) | ByLevel Weight / ByLevel Style / byLevel Color / Element Type | Example

LightStdSnglTimberNew *
TR_IL_LightStdSnglTimberNew
2 | 0 / 38 | Cell

USE FEATURE DEFINITION: Point\Traffic\Illumination\LightStdSnglTimberNew
Scale shown at : 100:1



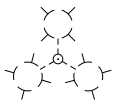
LightStdTimberTempNew *
TR_IL_LightStdTimberTempNew
2 | 0 / 38 | Cell

USE FEATURE DEFINITION: Point\Traffic\Illumination\LightStdTimberTempNew
Scale shown at : 100:1



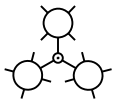
LightStdTriMetal *
TR_IL_LightStdTriMetal
0 | 0 / 54 | Cell

USE FEATURE DEFINITION: Point\Traffic\Illumination\LightStdTriMetal
Scale shown at : 100:1



LightStdTriMetalNew *
TR_IL_LightStdTriMetalNew
2 | 0 / 38 | Cell

USE FEATURE DEFINITION: Point\Traffic\Illumination\LightStdTriMetalNew
Scale shown at : 100:1



LuminaireDblUnderdeck
TR_IL_LuminaireDblUnderdeck
0 | 0 / 150 | Cell

USE FEATURE DEFINITION: Point\Traffic\Illumination\LuminaireDblUnderdeck



LuminaireDblUnderdeckNew
TR_IL_LuminaireDblUnderdeckNew
2 | 0 / 102 | Cell

USE FEATURE DEFINITION: Point\Traffic\Illumination\LuminaireDblUnderdeckNew



LuminaireUnderdeck
TR_IL_LuminaireUnderdeck
0 | 0 / 150 | Cell

USE FEATURE DEFINITION: Point\Traffic\Illumination\LuminaireUnderdeck



S5.05 Standard Symbols (cont.)

Examples are shown at the correct size for all drawing scales printed to 11"x17" PS&E sheet, unless otherwise noted. Items flagged with an asterisk (*) are True Size items that always measure the same in ground units and their size on a print changes with the drawing scale. The scales of the True Size item examples are noted. Where noted, use the Feature Definition rather than Element Template to place feature.

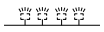
Traffic – Illumination

Element Template (Level Name)	ByLevel Weight | ByLevel Style byLevel Color | Element Type	Example
LuminaireUnderdeckNew TR_IL_LuminaireUnderdeckNew USE FEATURE DEFINITION: Point\Traffic\Illumination\LuminaireUnderdeckNew	2 | 0 102 | Cell	
NavigationLight TR_IL_NavigationLight USE FEATURE DEFINITION: Point\Traffic\Illumination\NavigationLight	0 | 0 150 | Cell	
NavigationLightNew TR_IL_NavigationLightNew USE FEATURE DEFINITION: Point\Traffic\Illumination\NavigationLightNew	2 | 0 102 | Cell	
PitchforkLight TR_IL_PitchforkLight USE FEATURE DEFINITION: Point\Traffic\Illumination\PitchforkLight	0 | 0 150 | Cell	
PitchforkLightNew TR_IL_PitchforkLightNew USE FEATURE DEFINITION: Point\Traffic\Illumination\PitchforkLightNew	2 | 0 102 | Cell	
Pole TR_IL_Pole USE FEATURE DEFINITION: Point\Traffic\Illumination\Pole	0 | 0 118 | Cell	
PoleNew TR_IL_PoleNew USE FEATURE DEFINITION: Point\Traffic\Illumination\PoleNew	2 | 0 102 | Cell	

S5.05 Standard Symbols (cont.)

Examples are shown at the correct size for all drawing scales printed to 11"x17" PS&E sheet, unless otherwise noted. Items flagged with an asterisk (*) are True Size items that always measure the same in ground units and their size on a print changes with the drawing scale. The scales of the True Size item examples are noted. Where noted, use the Feature Definition rather than Element Template to place feature.

Traffic - Illumination

Element Template (Level Name)	ByLevel Weight | ByLevel Style byLevel Color | Element Type	Example
SignLight TR_IL_SignLight USE FEATURE DEFINITION: Point\Traffic\Illumination\SignLight	0 | 0 150 | Cell	
SignLightNew TR_IL_SignLightNew USE FEATURE DEFINITION: Point\Traffic\Illumination\SignLightNew	2 | 0 102 | Cell	
StrnPoleAnchor TR_IL_StrnPoleAnchor USE FEATURE DEFINITION: Point\Traffic\Illumination\StrnPoleAnchor	2 | 0 118 | Cell	
StrnPoleAnchorNew TR_IL_StrnPoleAnchorNew USE FEATURE DEFINITION: Point\Traffic\Illumination\StrnPoleAnchorNew	2 | 0 102 | Cell	
TimberPole TR_IL_TimberPole USE FEATURE DEFINITION: Point\Traffic\Illumination\TimberPole	0 | 0 150 | Cell	
TimberPoleNew TR_IL_TimberPoleNew USE FEATURE DEFINITION: Point\Traffic\Illumination\TimberPoleNew	2 | 0 102 | Cell	
WallpackLight TR_IL_WallpackLight USE FEATURE DEFINITION: Point\Traffic\Illumination\WallpackLight	0 | 0 150 | Cell	

S5.05 Standard Symbols (cont.)

Examples are shown at the correct size for all drawing scales printed to 11"x17" PS&E sheet, unless otherwise noted. Items flagged with an asterisk (*) are True Size items that always measure the same in ground units and their size on a print changes with the drawing scale. The scales of the True Size item examples are noted. Where noted, use the Feature Definition rather than Element Template to place feature.

Traffic – Illumination

Element Template (Level Name)	ByLevel Weight | ByLevel Style byLevel Color | Element Type	Example
WallpackLightNew TR_IL_WallpackLightNew USE FEATURE DEFINITION: Point\Traffic\Illumination\WallpackLightNew	2 | 0 102 | Cell	

S5.05 Standard Symbols (cont.)

Examples are shown at the correct size for all drawing scales printed to 11"x17" PS&E sheet, unless otherwise noted. Items flagged with an asterisk (*) are True Size items that always measure the same in ground units and their size on a print changes with the drawing scale. The scales of the True Size item examples are noted. Where noted, use the Feature Definition rather than Element Template to place feature.

Traffic – Illumination – Boxes

Element Template (Level Name)	ByLevel Weight | ByLevel Style byLevel Color | Element Type	Example
JBox1 TR_IL_JBox1 USE FEATURE DEFINITION: Point\Traffic\Illumination\Boxes\JBox1	0 | 0 22 | Cell	
JBox1New TR_IL_JBox1New USE FEATURE DEFINITION: Point\Traffic\Illumination\Boxes\JBox1New	2 | 0 6 | Cell	
JBox2 TR_IL_JBox2 USE FEATURE DEFINITION: Point\Traffic\Illumination\Boxes\JBox2	0 | 0 22 | Cell	
JBox2New TR_IL_JBox2New USE FEATURE DEFINITION: Point\Traffic\Illumination\Boxes\JBox2New	2 | 0 6 | Cell	
JBox3 TR_IL_JBox3 USE FEATURE DEFINITION: Point\Traffic\Illumination\Boxes\JBox3	0 | 0 22 | Cell	
JBox3New TR_IL_JBox3New USE FEATURE DEFINITION: Point\Traffic\Illumination\Boxes\JBox3New	2 | 0 6 | Cell	
JBox4(Traffic-bearing) TR_IL_JBox4(Traffic-bearing) USE FEATURE DEFINITION: Point\Traffic\Illumination\Boxes\JBox4(Traffic-bearing)	0 | 0 22 | Cell	

S5.05 Standard Symbols (cont.)

Examples are shown at the correct size for all drawing scales printed to 11"x17" PS&E sheet, unless otherwise noted. Items flagged with an asterisk (*) are True Size items that always measure the same in ground units and their size on a print changes with the drawing scale. The scales of the True Size item examples are noted. Where noted, use the Feature Definition rather than Element Template to place feature.

Traffic – Illumination – Boxes

Element Template (Level Name)	ByLevel Weight | ByLevel Style / byLevel Color | Element Type	Example
JBox4(Traffic-bearing)New TR_IL_JBox4(Traffic-bearing)New USE FEATURE DEFINITION: Point\Traffic\Illumination\Boxes\JBox4(Traffic-bearing)New	2 | 0 6 | Cell	
JBox5(Traffic-bearing) TR_IL_JBox5(Traffic-bearing) USE FEATURE DEFINITION: Point\Traffic\Illumination\Boxes\JBox5(Traffic-bearing)	0 | 0 22 | Cell	
JBox5(Traffic-bearing)New TR_IL_JBox5(Traffic-bearing)New USE FEATURE DEFINITION: Point\Traffic\Illumination\Boxes\JBox5(Traffic-bearing)New	2 | 0 6 | Cell	
JBox6(Traffic-bearing) TR_IL_JBox6(Traffic-bearing) USE FEATURE DEFINITION: Point\Traffic\Illumination\Boxes\JBox6(Traffic-bearing)	0 | 0 22 | Cell	
JBox6(Traffic-bearing)New TR_IL_JBox6(Traffic-bearing)New USE FEATURE DEFINITION: Point\Traffic\Illumination\Boxes\JBox6(Traffic-bearing)New	2 | 0 6 | Cell	
JBox7(NoLock) TR_IL_JBox7(NoLock) USE FEATURE DEFINITION: Point\Traffic\Illumination\Boxes\JBox7(NoLock)	0 | 0 22 | Cell	
JBox7(NoLock)New TR_IL_JBox7(NoLock)New USE FEATURE DEFINITION: Point\Traffic\Illumination\Boxes\JBox7(NoLock)New	2 | 0 6 | Cell	

S5.05 Standard Symbols (cont.)

Examples are shown at the correct size for all drawing scales printed to 11"x17" PS&E sheet, unless otherwise noted. Items flagged with an asterisk (*) are True Size items that always measure the same in ground units and their size on a print changes with the drawing scale. The scales of the True Size item examples are noted. Where noted, use the Feature Definition rather than Element Template to place feature.

Traffic – Illumination – Boxes

Element Template (Level Name)	ByLevel Weight | ByLevel Style byLevel Color | Element Type	Example
JBox8(WithLock) TR_IL_JBox8(WithLock) USE FEATURE DEFINITION: Point\Traffic\Illumination\Boxes\JBox8(WithLock)	0 | 0 22 | Cell	
JBox8(WithLock)New TR_IL_JBox8(WithLock)New USE FEATURE DEFINITION: Point\Traffic\Illumination\Boxes\JBox8(WithLock)New	2 | 0 6 | Cell	
JBoxAerial TR_IL_JBoxAerial USE FEATURE DEFINITION: Point\Traffic\Illumination\Boxes\JBoxAerial	0 | 0 22 | Cell	
JBoxAerialNew TR_IL_JBoxAerialNew USE FEATURE DEFINITION: Point\Traffic\Illumination\Boxes\JBoxAerialNew	2 | 0 6 | Cell	
JBoxNEMA TR_IL_JBoxNEMA USE FEATURE DEFINITION: Point\Traffic\Illumination\Boxes\JBoxNEMA	0 | 0 22 | Cell	
JBoxNEMANew TR_IL_JBoxNEMANew USE FEATURE DEFINITION: Point\Traffic\Illumination\Boxes\JBoxNEMANew	2 | 0 6 | Cell	
JBoxUnknown TR_IL_JBoxUnknown USE FEATURE DEFINITION: Point\Traffic\Illumination\Boxes\JBoxUnknown	0 | 0 22 | Cell	

S5.05 Standard Symbols (cont.)

Examples are shown at the correct size for all drawing scales printed to 11"x17" PS&E sheet, unless otherwise noted. Items flagged with an asterisk (*) are True Size items that always measure the same in ground units and their size on a print changes with the drawing scale. The scales of the True Size item examples are noted. Where noted, use the Feature Definition rather than Element Template to place feature.

Traffic – Illumination – Boxes

Element Template (Level Name)	ByLevel Weight | ByLevel Style byLevel Color | Element Type	Example
PullBox TR_IL_PullBox USE FEATURE DEFINITION: Point\Traffic\Illumination\Boxes\PullBox	0 | 0 150 | Cell	PB
PullBoxNew TR_IL_PullBoxNew USE FEATURE DEFINITION: Point\Traffic\Illumination\Boxes\PullBoxNew	2 | 0 102 | Cell	PB

S5.05 Standard Symbols (cont.)

Examples are shown at the correct size for all drawing scales printed to 11"x17" PS&E sheet, unless otherwise noted. Items flagged with an asterisk (*) are True Size items that always measure the same in ground units and their size on a print changes with the drawing scale. The scales of the True Size item examples are noted. Where noted, use the Feature Definition rather than Element Template to place feature.

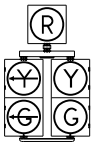
Traffic – Plan Items

Element Template (Level Name)	ByLevel Weight | ByLevel Style byLevel Color | Element Type	Example
Approved Traffic Engineer SH_TI_ApprovedTrafficEngineer	1 | 0 18 | Cell	APPROVED TRAFFIC ENGINEER
Tables - Custom SH_TI_Tables	1 | 0 18 | Linear	

S5.05 Standard Symbols (cont.)

Examples are shown at the correct size for all drawing scales printed to 11"x17" PS&E sheet, unless otherwise noted. Items flagged with an asterisk (*) are True Size items that always measure the same in ground units and their size on a print changes with the drawing scale. The scales of the True Size item examples are noted. Where noted, use the Feature Definition rather than Element Template to place feature.

Traffic - Signals

Element Template (Level Name)	ByLevel Weight | ByLevel Style byLevel Color | Element Type	Example
ConduitAndWiring TR_SG_ConduitAndWiring USE FEATURE DEFINITION: Linear\Traffic\Illumination\ConduitAndWiring	0 | 6 54 | Linear	
ConduitAndWiringNew TR_SG_ConduitAndWiringNew USE FEATURE DEFINITION: Linear\Traffic\Illumination\ConduitAndWiringNew	2 | 6 38 | Linear	
ControllerCabinet TR_SG_ControllerCabinet USE FEATURE DEFINITION: Point\Traffic\Illumination\ControllerCabinet	0 | 0 54 | Cell	
ControllerCabinetNew TR_SG_ControllerCabinetNew USE FEATURE DEFINITION: Point\Traffic\Illumination\ControllerCabinetNew	2 | 0 38 | Cell	
DoubleSignalHeadDetail SH_DT_Details	0 | 0 0 | Cell	
ElectServiceCabinet TR_SG_ElectServiceCabinet USE FEATURE DEFINITION: Point\Traffic\Signals\ElectServiceCabinet	0 | 0 54 | Cell	
ElectServiceCabinetNew TR_SG_ElectServiceCabinetNew USE FEATURE DEFINITION: Point\Traffic\Signals\ElectServiceCabinetNew	2 | 0 38 | Cell	

S5.05 Standard Symbols (cont.)

Examples are shown at the correct size for all drawing scales printed to 11"x17" PS&E sheet, unless otherwise noted. Items flagged with an asterisk (*) are True Size items that always measure the same in ground units and their size on a print changes with the drawing scale. The scales of the True Size item examples are noted. Where noted, use the Feature Definition rather than Element Template to place feature.

Traffic - Signals

Element Template (Level Name)	ByLevel Weight | ByLevel Style byLevel Color | Element Type	Example
EmergPreemptDet TR_SG_EmergPreemptDet USE FEATURE DEFINITION: Point\Traffic\Signals\EmergPreemptDet	0 | 0 22 | Cell	
EmergPreemptDetNew TR_SG_EmergPreemptDetNew USE FEATURE DEFINITION: Point\Traffic\Signals\EmergPreemptDetNew	2 | 0 6 | Cell	
EmergPreemptIndicator TR_SG_EmergPreemptIndicator USE FEATURE DEFINITION: Point\Traffic\Signals\EmergPreemptIndicator	0 | 0 22 | Cell	
EmergPreemptIndicatorNew TR_SG_EmergPreemptIndicatorNew USE FEATURE DEFINITION: Point\Traffic\Signals\EmergPreemptIndicatorNew	2 | 0 6 | Cell	
ExpanFitAXDXNew TR_SG_ExpanFitAXDXNew USE FEATURE DEFINITION: Point\Traffic\Illumination\ExpanFitAXDXNew	2 | 0 38 | Cell	
ExpanFitDXNew TR_SG_ExpanFitDXNew USE FEATURE DEFINITION: Point\Traffic\Illumination\ExpanFitDXNew	2 | 0 38 | Cell	
FlashingBeacon TR_SG_FlashingBeacon USE FEATURE DEFINITION: Point\Traffic\Signals\FlashingBeacon	0 | 0 22 | Cell	

S5.05 Standard Symbols (cont.)

Examples are shown at the correct size for all drawing scales printed to 11"x17" PS&E sheet, unless otherwise noted. Items flagged with an asterisk (*) are True Size items that always measure the same in ground units and their size on a print changes with the drawing scale. The scales of the True Size item examples are noted. Where noted, use the Feature Definition rather than Element Template to place feature.

Traffic - Signals

Element Template (Level Name) | ByLevel Weight / byLevel Color | ByLevel Style / Element Type | Example

FlashingBeaconNew
TR_SG_FlashingBeaconNew
USE FEATURE DEFINITION: Point\Traffic\Signals\FlashingBeaconNew
2 | 0 / 6 | Cell



MastArmSign
TR_SG_MastArmSign
USE FEATURE DEFINITION: Point\Traffic\Signals\MastArmSign
0 | 0 / 22 | Cell



MastArmSignNew
TR_SG_MastArmSignNew
USE FEATURE DEFINITION: Point\Traffic\Signals\MastArmSignNew
2 | 0 / 6 | Cell



MastArmTenonNew
TR_SG_MastArmTenonNew
USE FEATURE DEFINITION: Point\Traffic\Signals\MastArmTenonNew
2 | 0 / 6 | Cell

PedestrianHeadDetail
SH_DT_Details
0 | 0 / 0 | Cell



Pole
TR_SG_Pole
USE FEATURE DEFINITION: Point\Traffic\Illumination\Pole
0 | 0 / 54 | Cell



PoleNew
TR_SG_PoleNew
USE FEATURE DEFINITION: Point\Traffic\Illumination\PoleNew
2 | 0 / 38 | Cell



S5.05 Standard Symbols (cont.)

Examples are shown at the correct size for all drawing scales printed to 11"x17" PS&E sheet, unless otherwise noted. Items flagged with an asterisk (*) are True Size items that always measure the same in ground units and their size on a print changes with the drawing scale. The scales of the True Size item examples are noted. Where noted, use the Feature Definition rather than Element Template to place feature.

Traffic - Signals

Element Template (Level Name)	ByLevel Weight | ByLevel Style byLevel Color | Element Type	Example
StrnPoleAnchor TR_SG_StrnPoleAnchor USE FEATURE DEFINITION: Point\Traffic\Illumination\StrnPoleAnchor	0 | 0 22 | Cell	
StrnPoleAnchorNew TR_SG_StrnPoleAnchorNew USE FEATURE DEFINITION: Point\Traffic\Illumination\StrnPoleAnchorNew	2 | 0 6 | Cell	
TimberPole TR_SG_TimberPole USE FEATURE DEFINITION: Point\Traffic\Illumination\TimberPole	0 | 0 22 | Cell	
TimberPoleNew TR_SG_TimberPoleNew USE FEATURE DEFINITION: Point\Traffic\Illumination\TimberPoleNew	2 | 0 6 | Cell	
Transformer TR_SG_Transformer USE FEATURE DEFINITION: Point\Traffic\Signals\Transformer	0 | 0 54 | Cell	
TransformerNew TR_SG_TransformerNew USE FEATURE DEFINITION: Point\Traffic\Signals\TransformerNew	2 | 0 38 | Cell	
UtilityCompanyPedestal TR_SG_UtilityCompanyPedestal USE FEATURE DEFINITION: Point\Traffic\Signals\UtilityCompanyPedestal	1 | 0 54 | Cell	

S5.05 Standard Symbols (cont.)

Examples are shown at the correct size for all drawing scales printed to 11"x17" PS&E sheet, unless otherwise noted. Items flagged with an asterisk (*) are True Size items that always measure the same in ground units and their size on a print changes with the drawing scale. The scales of the True Size item examples are noted. Where noted, use the Feature Definition rather than Element Template to place feature.

Traffic - Signals

Element Template (Level Name)	ByLevel Weight | ByLevel Style byLevel Color | Element Type	Example
UtilityCompanyPedestalNew TR_SG_UtilityCompanyPedestalNew USE FEATURE DEFINITION: Point\Traffic\Signals\UtilityCompanyPedestalNew	2 | 0 38 | Cell	

S5.05 Standard Symbols (cont.)

Examples are shown at the correct size for all drawing scales printed to 11"x17" PS&E sheet, unless otherwise noted. Items flagged with an asterisk (*) are True Size items that always measure the same in ground units and their size on a print changes with the drawing scale. The scales of the True Size item examples are noted. Where noted, use the Feature Definition rather than Element Template to place feature.

Traffic – Signals – Boxes

Element Template (Level Name)	ByLevel Weight | ByLevel Style byLevel Color | Element Type	Example
JBox1 TR_SG_JBox1 USE FEATURE DEFINITION: Point\Traffic\Illumination\Boxes\JBox1	0 | 0 54 | Cell	
JBox1New TR_SG_JBox1New USE FEATURE DEFINITION: Point\Traffic\Illumination\Boxes\JBox1New	2 | 0 38 | Cell	
JBox2 TR_SG_JBox2 USE FEATURE DEFINITION: Point\Traffic\Illumination\Boxes\JBox2	0 | 0 54 | Cell	
JBox2New TR_SG_JBox2New USE FEATURE DEFINITION: Point\Traffic\Illumination\Boxes\JBox2New	2 | 0 38 | Cell	
JBox3 TR_SG_JBox3 USE FEATURE DEFINITION: Point\Traffic\Illumination\Boxes\JBox3	0 | 0 54 | Cell	
JBox3New TR_SG_JBox3New USE FEATURE DEFINITION: Point\Traffic\Illumination\Boxes\JBox3New	2 | 0 38 | Cell	
JBox4(Traffic-bearing) TR_SG_JBox4(Traffic-bearing) USE FEATURE DEFINITION: Point\Traffic\Illumination\Boxes\JBox4(Traffic-bearing)	0 | 0 54 | Cell	

S5.05 Standard Symbols (cont.)

Examples are shown at the correct size for all drawing scales printed to 11"x17" PS&E sheet, unless otherwise noted. Items flagged with an asterisk (*) are True Size items that always measure the same in ground units and their size on a print changes with the drawing scale. The scales of the True Size item examples are noted. Where noted, use the Feature Definition rather than Element Template to place feature.

Traffic - Signals - Boxes

Element Template (Level Name)	ByLevel Weight | ByLevel Style byLevel Color | Element Type	Example
JBox4(Traffic-bearing)New TR_SG_JBox4(Traffic-bearing)New USE FEATURE DEFINITION: Point\Traffic\Illumination\Boxes\JBox4(Traffic-bearing)New	2 | 0 38 | Cell	
JBox5(Traffic-bearing) TR_SG_JBox5(Traffic-bearing) USE FEATURE DEFINITION: Point\Traffic\Illumination\Boxes\JBox5(Traffic-bearing)	0 | 0 54 | Cell	
JBox5(Traffic-bearing)New TR_SG_JBox5(Traffic-bearing)New USE FEATURE DEFINITION: Point\Traffic\Illumination\Boxes\JBox5(Traffic-bearing)New	2 | 0 38 | Cell	
JBox6(Traffic-bearing) TR_SG_JBox6(Traffic-bearing) USE FEATURE DEFINITION: Point\Traffic\Illumination\Boxes\JBox6(Traffic-bearing)	0 | 0 54 | Cell	
JBox6(Traffic-bearing)New TR_SG_JBox6(Traffic-bearing)New USE FEATURE DEFINITION: Point\Traffic\Illumination\Boxes\JBox6(Traffic-bearing)New	2 | 0 38 | Cell	
JBox7(NoLock) TR_SG_JBox7(NoLock) USE FEATURE DEFINITION: Point\Traffic\Illumination\Boxes\JBox7(NoLock)	0 | 0 54 | Cell	
JBox7(NoLock)New TR_SG_JBox7(NoLock)New USE FEATURE DEFINITION: Point\Traffic\Illumination\Boxes\JBox7(NoLock)New	2 | 0 38 | Cell	

S5.05 Standard Symbols (cont.)

Examples are shown at the correct size for all drawing scales printed to 11"x17" PS&E sheet, unless otherwise noted. Items flagged with an asterisk (*) are True Size items that always measure the same in ground units and their size on a print changes with the drawing scale. The scales of the True Size item examples are noted. Where noted, use the Feature Definition rather than Element Template to place feature.

Traffic - Signals - Boxes

Element Template (Level Name)	ByLevel Weight | ByLevel Style byLevel Color | Element Type	Example
JBox8(WithLock) TR_SG_JBox8(WithLock) USE FEATURE DEFINITION: Point\Traffic\Illumination\Boxes\JBox8(WithLock)	0 | 0 54 | Cell	
JBox8(WithLock)New TR_SG_JBox8(WithLock)New USE FEATURE DEFINITION: Point\Traffic\Illumination\Boxes\JBox8(WithLock)New	2 | 0 38 | Cell	
JBoxAerial TR_SG_JBoxAerial USE FEATURE DEFINITION: Point\Traffic\Illumination\Boxes\JBoxAerial	0 | 0 54 | Cell	
JBoxAerialNew TR_SG_JBoxAerialNew USE FEATURE DEFINITION: Point\Traffic\Illumination\Boxes\JBoxAerialNew	2 | 0 38 | Cell	
JBoxNEMA TR_SG_JBoxNEMA USE FEATURE DEFINITION: Point\Traffic\Illumination\Boxes\JBoxNEMA	0 | 0 54 | Cell	
JBoxNEMANew TR_SG_JBoxNEMANew USE FEATURE DEFINITION: Point\Traffic\Illumination\Boxes\JBoxNEMANew	2 | 0 38 | Cell	
JBoxUnknown TR_SG_JBoxUnknown USE FEATURE DEFINITION: Point\Traffic\Illumination\Boxes\JBoxUnknown	0 | 0 54 | Cell	

S5.05 Standard Symbols (cont.)

Examples are shown at the correct size for all drawing scales printed to 11"x17" PS&E sheet, unless otherwise noted. Items flagged with an asterisk (*) are True Size items that always measure the same in ground units and their size on a print changes with the drawing scale. The scales of the True Size item examples are noted. Where noted, use the Feature Definition rather than Element Template to place feature.

Traffic - Signals - Boxes

Element Template (Level Name)	ByLevel Weight | ByLevel Style byLevel Color | Element Type	Example
SignalBoxUnknown TR_SG_SignalBoxUnknown USE FEATURE DEFINITION: Point\Traffic\Signals\Boxes\SignalBoxUnknown	0 | 0 54 | Cell	

S5.05 Standard Symbols (cont.)

Examples are shown at the correct size for all drawing scales printed to 11"x17" PS&E sheet, unless otherwise noted. Items flagged with an asterisk (*) are True Size items that always measure the same in ground units and their size on a print changes with the drawing scale. The scales of the True Size item examples are noted. Where noted, use the Feature Definition rather than Element Template to place feature.

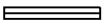
Traffic - Signals - Detection Loops

Element Template (Level Name)	ByLevel Weight | ByLevel Style byLevel Color | Element Type	Example
DetLoopDiamond * TR_SG_DetLoopDiamond USE FEATURE DEFINITION: Point\Traffic\Signals\Detection Loops\DetLoopDiamond Scale shown at : 100:1	0 | 0 150 | Cell	
DetLoopDiamondNew * TR_SG_DetLoopDiamondNew USE FEATURE DEFINITION: Point\Traffic\Signals\Detection Loops\DetLoopDiamondNew Scale shown at : 100:1	2 | 0 102 | Cell	
DetLoopType16x15 * TR_SG_DetLoopType16x15 USE FEATURE DEFINITION: Point\Traffic\Signals\Detection Loops\DetLoopType16x15 Scale shown at : 100:1	0 | 0 150 | Cell	
DetLoopType16x15New * TR_SG_DetLoopType16x15New USE FEATURE DEFINITION: Point\Traffic\Signals\Detection Loops\DetLoopType16x15New Scale shown at : 100:1	2 | 0 102 | Cell	
DetLoopType16x30 * TR_SG_DetLoopType16x30 USE FEATURE DEFINITION: Point\Traffic\Signals\Detection Loops\DetLoopType16x30 Scale shown at : 100:1	0 | 0 150 | Cell	
DetLoopType16x30New * TR_SG_DetLoopType16x30New USE FEATURE DEFINITION: Point\Traffic\Signals\Detection Loops\DetLoopType16x30New Scale shown at : 100:1	2 | 0 102 | Cell	
DetLoopType16x50 * TR_SG_DetLoopType16x50 USE FEATURE DEFINITION: Point\Traffic\Signals\Detection Loops\DetLoopType16x50 Scale shown at : 100:1	0 | 0 150 | Cell	

S5.05 Standard Symbols (cont.)

Examples are shown at the correct size for all drawing scales printed to 11"x17" PS&E sheet, unless otherwise noted. Items flagged with an asterisk (*) are True Size items that always measure the same in ground units and their size on a print changes with the drawing scale. The scales of the True Size item examples are noted. Where noted, use the Feature Definition rather than Element Template to place feature.

Traffic - Signals - Detection Loops

Element Template (Level Name)	ByLevel Weight | ByLevel Style byLevel Color | Element Type	Example
DetLoopType16x50New * TR_SG_DetLoopType16x50New USE FEATURE DEFINITION: Point\Traffic\Signals\Detection Loops\DetLoopType16x50New Scale shown at : 100:1	2 | 0 102 | Cell	
DetLoopType26x6 * TR_SG_DetLoopType26x6 USE FEATURE DEFINITION: Point\Traffic\Signals\Detection Loops\DetLoopType26x6 Scale shown at : 100:1	0 | 0 150 | Cell	
DetLoopType26x6New * TR_SG_DetLoopType26x6New USE FEATURE DEFINITION: Point\Traffic\Signals\Detection Loops\DetLoopType26x6New Scale shown at : 100:1	2 | 0 102 | Cell	
DetLoopType3 * TR_SG_DetLoopType3 USE FEATURE DEFINITION: Point\Traffic\Signals\Detection Loops\DetLoopType3 Scale shown at : 100:1	0 | 0 150 | Cell	
DetLoopType3a * TR_SG_DetLoopType3a USE FEATURE DEFINITION: Point\Traffic\Signals\Detection Loops\DetLoopType3a Scale shown at : 100:1	0 | 0 150 | Cell	
DetLoopType3aNew * TR_SG_DetLoopType3aNew USE FEATURE DEFINITION: Point\Traffic\Signals\Detection Loops\DetLoopType3aNew Scale shown at : 100:1	2 | 0 102 | Cell	
DetLoopType3New * TR_SG_DetLoopType3New USE FEATURE DEFINITION: Point\Traffic\Signals\Detection Loops\DetLoopType3New Scale shown at : 100:1	2 | 0 102 | Cell	

S5.05 Standard Symbols (cont.)

Examples are shown at the correct size for all drawing scales printed to 11"x17" PS&E sheet, unless otherwise noted. Items flagged with an asterisk (*) are True Size items that always measure the same in ground units and their size on a print changes with the drawing scale. The scales of the True Size item examples are noted. Where noted, use the Feature Definition rather than Element Template to place feature.

Traffic - Signals - Detection Loops

Element Template (Level Name)	ByLevel Weight | ByLevel Style byLevel Color | Element Type	Example
SignalLoopUnknown * TR_SG_SignalLoopUnknown	0 | 0 22 | Cell	

USE FEATURE DEFINITION: Point\Traffic\Signals\Detection Loops\SignalLoopUnknown
Scale shown at : 100:1

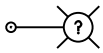
S5.05 Standard Symbols (cont.)

Examples are shown at the correct size for all drawing scales printed to 11"x17" PS&E sheet, unless otherwise noted. Items flagged with an asterisk (*) are True Size items that always measure the same in ground units and their size on a print changes with the drawing scale. The scales of the True Size item examples are noted. Where noted, use the Feature Definition rather than Element Template to place feature.

Traffic - Signals - Lighting

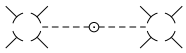
Element Template (Level Name) | ByLevel Weight / ByLevel Style / byLevel Color / Element Type | Example

LightStdCellWithNumberNew *
TR_SG_LightStdCellWithNumberNew
2 / 0 / 70 / Cell



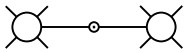
USE FEATURE DEFINITION: Point\Traffic\Illumination\LightStdCellWithNumberNew
Scale shown at : 100:1

LightStdDblMetal *
TR_SG_LightStdDblMetal
0 / 0 / 86 / Cell



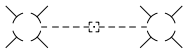
USE FEATURE DEFINITION: Point\Traffic\Illumination\LightStdDblMetal
Scale shown at : 100:1

LightStdDblMetalNew *
TR_SG_LightStdDblMetalNew
2 / 0 / 70 / Cell



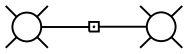
USE FEATURE DEFINITION: Point\Traffic\Illumination\LightStdDblMetalNew
Scale shown at : 100:1

LightStdDblTimber *
TR_SG_LightStdDblTimber
0 / 0 / 86 / Cell



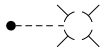
USE FEATURE DEFINITION: Point\Traffic\Illumination\LightStdDblTimber
Scale shown at : 100:1

LightStdDblTimberNew *
TR_SG_LightStdDblTimberNew
2 / 0 / 70 / Cell



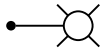
USE FEATURE DEFINITION: Point\Traffic\Illumination\LightStdDblTimberNew
Scale shown at : 100:1

LightStdGeneric *
TR_SG_LightStdGeneric
0 / 0 / 86 / Cell



USE FEATURE DEFINITION: Point\Traffic\Illumination\LightStdGeneric
Scale shown at : 100:1

LightStdGenericNew *
TR_SG_LightStdGenericNew
2 / 0 / 70 / Cell



USE FEATURE DEFINITION: Point\Traffic\Illumination\LightStdGenericNew
Scale shown at : 100:1

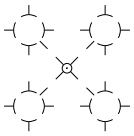
S5.05 Standard Symbols (cont.)

Examples are shown at the correct size for all drawing scales printed to 11"x17" PS&E sheet, unless otherwise noted. Items flagged with an asterisk (*) are True Size items that always measure the same in ground units and their size on a print changes with the drawing scale. The scales of the True Size item examples are noted. Where noted, use the Feature Definition rather than Element Template to place feature.

Traffic - Signals - Lighting

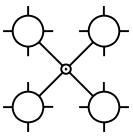
Element Template (Level Name) | ByLevel Weight / ByLevel Style / byLevel Color / Element Type | Example

LightStdQuadMetal *
TR_SG_LightStdQuadMetal
0 | 0 / 86 | Cell



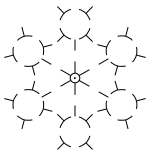
USE FEATURE DEFINITION: Point\Traffic\Illumination\LightStdQuadMetal
Scale shown at : 100:1

LightStdQuadMetalNew *
TR_SG_LightStdQuadMetalNew
2 | 0 / 70 | Cell



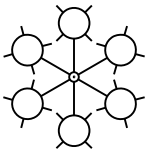
USE FEATURE DEFINITION: Point\Traffic\Illumination\LightStdQuadMetalNew
Scale shown at : 100:1

LightStdSixMetal *
TR_SG_LightStdSixMetal
0 | 0 / 86 | Cell



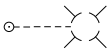
USE FEATURE DEFINITION: Point\Traffic\Illumination\LightStdSixMetal
Scale shown at : 100:1

LightStdSixMetalNew *
TR_SG_LightStdSixMetalNew
2 | 0 / 70 | Cell



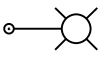
USE FEATURE DEFINITION: Point\Traffic\Illumination\LightStdSixMetalNew
Scale shown at : 100:1

LightStdSnglMetal *
TR_SG_LightStdSnglMetal
0 | 0 / 86 | Cell



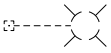
USE FEATURE DEFINITION: Point\Traffic\Illumination\LightStdSnglMetal
Scale shown at : 100:1

LightStdSnglMetalNew *
TR_SG_LightStdSnglMetalNew
2 | 0 / 70 | Cell



USE FEATURE DEFINITION: Point\Traffic\Illumination\LightStdSnglMetalNew
Scale shown at : 100:1

LightStdSnglTimber *
TR_SG_LightStdSnglTimber
0 | 0 / 86 | Cell



USE FEATURE DEFINITION: Point\Traffic\Illumination\LightStdSnglTimber
Scale shown at : 100:1

S5.05 Standard Symbols (cont.)

Examples are shown at the correct size for all drawing scales printed to 11"x17" PS&E sheet, unless otherwise noted. Items flagged with an asterisk (*) are True Size items that always measure the same in ground units and their size on a print changes with the drawing scale. The scales of the True Size item examples are noted. Where noted, use the Feature Definition rather than Element Template to place feature.

Traffic - Signals - Lighting

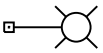
Element Template (Level Name)

ByLevel Weight | ByLevel Style
byLevel Color | Element Type

Example

LightStdSnglTimberNew *
TR_SG_LightStdSnglTimberNew

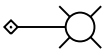
2 | 0
70 | Cell



USE FEATURE DEFINITION: Point\Traffic\Illumination\LightStdSnglTimberNew
Scale shown at : 100:1

LightStdTimberTempNew *
TR_SG_LightStdTimberTempNew

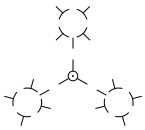
2 | 0
70 | Cell



USE FEATURE DEFINITION: Point\Traffic\Illumination\LightStdTimberTempNew
Scale shown at : 100:1

LightStdTriMetal *
TR_SG_LightStdTriMetal

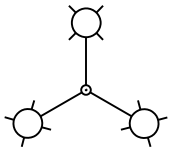
0 | 0
86 | Cell



USE FEATURE DEFINITION: Point\Traffic\Illumination\LightStdTriMetal
Scale shown at : 100:1

LightStdTriMetalNew *
TR_SG_LightStdTriMetalNew

2 | 0
70 | Cell



USE FEATURE DEFINITION: Point\Traffic\Illumination\LightStdTriMetalNew
Scale shown at : 100:1

S5.05 Standard Symbols (cont.)

Examples are shown at the correct size for all drawing scales printed to 11"x17" PS&E sheet, unless otherwise noted. Items flagged with an asterisk (*) are True Size items that always measure the same in ground units and their size on a print changes with the drawing scale. The scales of the True Size item examples are noted. Where noted, use the Feature Definition rather than Element Template to place feature.

Traffic - Signals - Pedestrian

Element Template (Level Name)	ByLevel Weight | ByLevel Style byLevel Color | Element Type	Example
PedestrianLightNew TR_SG_PedestrianLightNew USE FEATURE DEFINITION: Point\Traffic\Signals\Pedestrian\PedestrianLightNew	2 | 0 102 | Cell	
PedPushButton TR_SG_PedPushButton USE FEATURE DEFINITION: Point\Traffic\Signals\Pedestrian\PedPushButton	0 | 0 118 | Cell	
PedPushButtonNew TR_SG_PedPushButtonNew USE FEATURE DEFINITION: Point\Traffic\Signals\Pedestrian\PedPushButtonNew	2 | 0 102 | Cell	
PedPushButtonPost TR_SG_PedPushButtonPost USE FEATURE DEFINITION: Point\Traffic\Signals\Pedestrian\PedPushButtonPost	0 | 0 118 | Cell	
PedPushButtonPostNew TR_SG_PedPushButtonPostNew USE FEATURE DEFINITION: Point\Traffic\Signals\Pedestrian\PedPushButtonPostNew	2 | 0 102 | Cell	
PedSignalHeadDbl TR_SG_PedSignalHeadDbl USE FEATURE DEFINITION: Point\Traffic\Signals\Pedestrian\PedSignalHeadDbl	1 | 0 118 | Cell	
PedSignalHeadDblNew TR_SG_PedSignalHeadDblNew USE FEATURE DEFINITION: Point\Traffic\Signals\Pedestrian\PedSignalHeadDblNew	2 | 0 102 | Cell	

S5.05 Standard Symbols (cont.)

Examples are shown at the correct size for all drawing scales printed to 11"x17" PS&E sheet, unless otherwise noted. Items flagged with an asterisk (*) are True Size items that always measure the same in ground units and their size on a print changes with the drawing scale. The scales of the True Size item examples are noted. Where noted, use the Feature Definition rather than Element Template to place feature.

Traffic - Signals - Pedestrian

Element Template (Level Name)	ByLevel Weight | ByLevel Style / byLevel Color | Element Type	Example
PedSignalHeadL TR_SG_PedSignalHeadL USE FEATURE DEFINITION: Point\Traffic\Signals\Pedestrian\PedSignalHeadL	1 | 0 118 | Cell	
PedSignalHeadLNew TR_SG_PedSignalHeadLNew USE FEATURE DEFINITION: Point\Traffic\Signals\Pedestrian\PedSignalHeadLNew	2 | 0 102 | Cell	
PedSignalHeadR TR_SG_PedSignalHeadR USE FEATURE DEFINITION: Point\Traffic\Signals\Pedestrian\PedSignalHeadR	1 | 0 118 | Cell	
PedSignalHeadRNew TR_SG_PedSignalHeadRNew USE FEATURE DEFINITION: Point\Traffic\Signals\Pedestrian\PedSignalHeadRNew	2 | 0 102 | Cell	
PedSignalHeadST TR_SG_PedSignalHeadST USE FEATURE DEFINITION: Point\Traffic\Signals\Pedestrian\PedSignalHeadST	1 | 0 118 | Cell	
PedSignalHeadSTNew TR_SG_PedSignalHeadSTNew USE FEATURE DEFINITION: Point\Traffic\Signals\Pedestrian\PedSignalHeadSTNew	2 | 0 102 | Cell	

S5.05 Standard Symbols (cont.)

Examples are shown at the correct size for all drawing scales printed to 11"x17" PS&E sheet, unless otherwise noted. Items flagged with an asterisk (*) are True Size items that always measure the same in ground units and their size on a print changes with the drawing scale. The scales of the True Size item examples are noted. Where noted, use the Feature Definition rather than Element Template to place feature.

Traffic - Signals - Ramp-Signal

Element Template (Level Name)	ByLevel Weight | ByLevel Style byLevel Color | Element Type	Example
3SignalHeadLeftNew TR_SG_3SignalHeadLeftNew USE FEATURE DEFINITION: Point\Traffic\Signals\Ramp-Signal\3SignalHeadLeftNew	2 | 0 6 | Cell	
3SignalHeadMastLeftNew TR_SG_3SignalHeadMastLeftNew USE FEATURE DEFINITION: Point\Traffic\Signals\Ramp-Signal\3SignalHeadMastLeftNew	2 | 0 6 | Cell	
3SignalHeadMastNew TR_SG_3SignalHeadMastNew USE FEATURE DEFINITION: Point\Traffic\Signals\Ramp-Signal\3SignalHeadMastNew	2 | 0 6 | Cell	
3SignalHeadNew TR_SG_3SignalHeadNew USE FEATURE DEFINITION: Point\Traffic\Signals\Ramp-Signal\3SignalHeadNew	2 | 0 6 | Cell	
4SignalHeadMastNew TR_SG_4SignalHeadMastNew USE FEATURE DEFINITION: Point\Traffic\Signals\Ramp-Signal\4SignalHeadMastNew	2 | 0 6 | Cell	
4SignalHeadNew TR_SG_4SignalHeadNew USE FEATURE DEFINITION: Point\Traffic\Signals\Ramp-Signal\4SignalHeadNew	2 | 0 6 | Cell	
RampMeterSignal TR_SG_RampMeterSignal USE FEATURE DEFINITION: Point\Traffic\Signals\Ramp-Signal\RampMeterSignal	0 | 0 22 | Cell	

S5.05 Standard Symbols (cont.)

Examples are shown at the correct size for all drawing scales printed to 11"x17" PS&E sheet, unless otherwise noted. Items flagged with an asterisk (*) are True Size items that always measure the same in ground units and their size on a print changes with the drawing scale. The scales of the True Size item examples are noted. Where noted, use the Feature Definition rather than Element Template to place feature.

Traffic - Signals - Ramp-Signal

Element Template (Level Name) | ByLevel Weight / ByLevel Style / byLevel Color / Element Type | Example

RampMeterSignalLT
TR_SG_RampMeterSignalLT
0 | 0 / 22 | Cell

USE FEATURE DEFINITION: Point\Traffic\Signals\Ramp-Signal\RampMeterSignalLT



RampMeterSignalLTNew
TR_SG_RampMeterSignalLTNew
2 | 0 / 6 | Cell

USE FEATURE DEFINITION: Point\Traffic\Signals\Ramp-Signal\RampMeterSignalLTNew



RampMeterSignalNew
TR_SG_RampMeterSignalNew
2 | 0 / 6 | Cell

USE FEATURE DEFINITION: Point\Traffic\Signals\Ramp-Signal\RampMeterSignalNew



RampMeterSignalRT
TR_SG_RampMeterSignalRT
0 | 0 / 22 | Cell

USE FEATURE DEFINITION: Point\Traffic\Signals\Ramp-Signal\RampMeterSignalRT



RampMeterSignalRTNew
TR_SG_RampMeterSignalRTNew
2 | 0 / 6 | Cell

USE FEATURE DEFINITION: Point\Traffic\Signals\Ramp-Signal\RampMeterSignalRTNew



SignalHead
TR_SG_SignalHead
0 | 0 / 22 | Cell

USE FEATURE DEFINITION: Point\Traffic\Signals\Ramp-Signal\SignalHead



SignalHeadFutureNew
TR_SG_SignalHeadFutureNew
2 | 0 / 6 | Cell

USE FEATURE DEFINITION: Point\Traffic\Signals\Ramp-Signal\SignalHeadFutureNew



S5.05 Standard Symbols (cont.)

Examples are shown at the correct size for all drawing scales printed to 11"x17" PS&E sheet, unless otherwise noted. Items flagged with an asterisk (*) are True Size items that always measure the same in ground units and their size on a print changes with the drawing scale. The scales of the True Size item examples are noted. Where noted, use the Feature Definition rather than Element Template to place feature.

Traffic - Signals - Ramp-Signal

Element Template (Level Name) | ByLevel Weight / ByLevel Style / byLevel Color / Element Type | Example

SignalHeadHoriz
TR_SG_SignalHeadHoriz
0 | 0 / 22 | Cell



USE FEATURE DEFINITION: Point\Traffic\Signals\Ramp-Signal\SignalHeadHoriz

SignalHeadHorizNew
TR_SG_SignalHeadHorizNew
2 | 0 / 6 | Cell



USE FEATURE DEFINITION: Point\Traffic\Signals\Ramp-Signal\SignalHeadHorizNew

SignalHeadNew
TR_SG_SignalHeadNew
2 | 0 / 6 | Cell



USE FEATURE DEFINITION: Point\Traffic\Signals\Ramp-Signal\SignalHeadNew

SignalPoleUnknown
TR_SG_SignalPoleUnknown
0 | 0 / 22 | Cell



USE FEATURE DEFINITION: Point\Traffic\Signals\Ramp-Signal\SignalPoleUnknown

SignalStdType1or4
TR_SG_SignalStdType1or4
0 | 0 / 22 | Cell



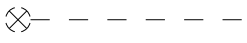
USE FEATURE DEFINITION: Point\Traffic\Signals\Ramp-Signal\SignalStdType1or4

SignalStdType1or4New
TR_SG_SignalStdType1or4New
2 | 0 / 6 | Cell



USE FEATURE DEFINITION: Point\Traffic\Signals\Ramp-Signal\SignalStdType1or4New

SignalStdType2
TR_SG_SignalStdType2
0 | 0 / 22 | Cell



USE FEATURE DEFINITION: Point\Traffic\Signals\Ramp-Signal\SignalStdType2

S5.05 Standard Symbols (cont.)

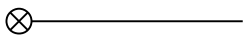
Examples are shown at the correct size for all drawing scales printed to 11"x17" PS&E sheet, unless otherwise noted. Items flagged with an asterisk (*) are True Size items that always measure the same in ground units and their size on a print changes with the drawing scale. The scales of the True Size item examples are noted. Where noted, use the Feature Definition rather than Element Template to place feature.

Traffic - Signals - Ramp-Signal

Element Template (Level Name)	ByLevel Weight | ByLevel Style / byLevel Color | Element Type	Example

SignalStdType2New
TR_SG_SignalStdType2New
USE FEATURE DEFINITION: Point\Traffic\Signals\Ramp-Signal\SignalStdType2New

2 | 0
6 | Cell



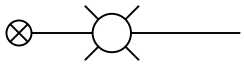
SignalStdType3
TR_SG_SignalStdType3
USE FEATURE DEFINITION: Point\Traffic\Signals\Ramp-Signal\SignalStdType3

0 | 0
22 | Cell



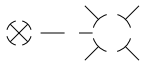
SignalStdType3New
TR_SG_SignalStdType3New
USE FEATURE DEFINITION: Point\Traffic\Signals\Ramp-Signal\SignalStdType3New

2 | 0
6 | Cell



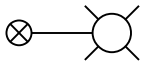
SignalStdType5
TR_SG_SignalStdType5
USE FEATURE DEFINITION: Point\Traffic\Signals\Ramp-Signal\SignalStdType5

0 | 0
22 | Cell



SignalStdType5New
TR_SG_SignalStdType5New
USE FEATURE DEFINITION: Point\Traffic\Signals\Ramp-Signal\SignalStdType5New

2 | 0
6 | Cell



S5.05 Standard Symbols (cont.)

Examples are shown at the correct size for all drawing scales printed to 11"x17" PS&E sheet, unless otherwise noted. Items flagged with an asterisk (*) are True Size items that always measure the same in ground units and their size on a print changes with the drawing scale. The scales of the True Size item examples are noted. Where noted, use the Feature Definition rather than Element Template to place feature.

Traffic - Signing

Element Template (Level Name)	ByLevel Weight | ByLevel Style byLevel Color | Element Type	Example
Barricade TR_SN_Barricade USE FEATURE DEFINITION: Linear\Traffic\Signing\Barricade	1 | 0 22 | Linear	
ConstructionSigns - See Traffic_Signs_Detour.cel TR_SN_ConstructionSigns	0 | 0 38 | Cell	See the following cell libraries: WSDOT_Traffic_Signs.cel WSDOT_Traffic_Signs_Detour.cel WSDOT_Traffic_SN.cel
GuideSigns - See Traffic_Signs.cel TR_SN_GuideSigns	0 | 0 38 | Cell	See the following cell libraries: WSDOT_Traffic_Signs.cel WSDOT_Traffic_Signs_Detour.cel WSDOT_Traffic_SN.cel
InterstateShield TR_SN_InterstateShield USE FEATURE DEFINITION: Point\Traffic\Signing\InterstateShield	2 | 0 54 | Cell	
MonotubeCantilever TR_SN_MonotubeCantilever USE FEATURE DEFINITION: Point\Traffic\Signing\MonotubeCantilever	0 | 0 86 | Cell	
MonotubeCantileverNew TR_SN_MonotubeCantileverNew USE FEATURE DEFINITION: Point\Traffic\Signing\MonotubeCantileverNew	2 | 0 70 | Cell	
MonotubeSignBridge TR_SN_MonotubeSignBridge USE FEATURE DEFINITION: Point\Traffic\Signing\MonotubeSignBridge	0 | 0 86 | Cell	

S5.05 Standard Symbols (cont.)

Examples are shown at the correct size for all drawing scales printed to 11"x17" PS&E sheet, unless otherwise noted. Items flagged with an asterisk (*) are True Size items that always measure the same in ground units and their size on a print changes with the drawing scale. The scales of the True Size item examples are noted. Where noted, use the Feature Definition rather than Element Template to place feature.

Traffic - Signing

Element Template (Level Name)	ByLevel Weight | ByLevel Style byLevel Color | Element Type	Example
MonotubeSignBridgeNew TR_SN_MonotubeSignBridgeNew USE FEATURE DEFINITION: Point\Traffic\Signing\MonotubeSignBridgeNew	2 | 0 70 | Cell	
OverheadSign TR_SN_OverheadSign USE FEATURE DEFINITION: Point\Traffic\Signing\OverheadSign	0 | 0 22 | Cell	
OverheadSignNew TR_SN_OverheadSignNew USE FEATURE DEFINITION: Point\Traffic\Signing\OverheadSignNew	0 | 0 6 | Cell	
RegulatorySigns - See Traffic_Signs.cel TR_SN_RegulatorySigns	0 | 0 38 | Cell	See the following cell libraries: WSDOT_Traffic_Signs.cel WSDOT_Traffic_Signs_Detour.cel WSDOT_Traffic_SN.cel
SeqArrowSignBothNew TR_SN_SeqArrowSignBothNew USE FEATURE DEFINITION: Point\Traffic\Signing\SeqArrowSignBothNew	0 | 0 6 | Cell	
SeqArrowSignLTNew TR_SN_SeqArrowSignLTNew USE FEATURE DEFINITION: Point\Traffic\Signing\SeqArrowSignLTNew	0 | 0 6 | Cell	
SeqArrowSignRTNew TR_SN_SeqArrowSignRTNew USE FEATURE DEFINITION: Point\Traffic\Signing\SeqArrowSignRTNew	0 | 0 6 | Cell	

S5.05 Standard Symbols (cont.)

Examples are shown at the correct size for all drawing scales printed to 11"x17" PS&E sheet, unless otherwise noted. Items flagged with an asterisk (*) are True Size items that always measure the same in ground units and their size on a print changes with the drawing scale. The scales of the True Size item examples are noted. Where noted, use the Feature Definition rather than Element Template to place feature.

Traffic - Signing

Element Template (Level Name)	ByLevel Weight | ByLevel Style byLevel Color | Element Type	Example
Sign TR_SN_Sign USE FEATURE DEFINITION: Point\Traffic\Signing\Sign	1 | 0 22 | Cell	
SignBBoardMultiPost TR_SN_SignBBoardMultiPost USE FEATURE DEFINITION: Point\Traffic\Signing\SignBBoardMultiPost	0 | 0 118 | Cell	
SignBBoardSnglPost TR_SN_SignBBoardSnglPost USE FEATURE DEFINITION: Point\Traffic\Signing\SignBBoardSnglPost	0 | 0 118 | Cell	
SignDblPost TR_SN_SignDblPost USE FEATURE DEFINITION: Point\Traffic\Signing\SignDblPost	0 | 0 118 | Cell	
SignDblPostNew TR_SN_SignDblPostNew USE FEATURE DEFINITION: Point\Traffic\Signing\SignDblPostNew	0 | 0 102 | Cell	
SignFlushWall TR_SN_SignFlushWall USE FEATURE DEFINITION: Point\Traffic\Signing\SignFlushWall	0 | 0 22 | Cell	
SignFlushWallNew TR_SN_SignFlushWallNew USE FEATURE DEFINITION: Point\Traffic\Signing\SignFlushWallNew	0 | 0 6 | Cell	

S5.05 Standard Symbols (cont.)

Examples are shown at the correct size for all drawing scales printed to 11"x17" PS&E sheet, unless otherwise noted. Items flagged with an asterisk (*) are True Size items that always measure the same in ground units and their size on a print changes with the drawing scale. The scales of the True Size item examples are noted. Where noted, use the Feature Definition rather than Element Template to place feature.

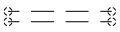
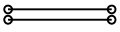
Traffic - Signing

Element Template (Level Name)	ByLevel Weight | ByLevel Style byLevel Color | Element Type	Example
SignFourPost TR_SN_SignFourPost USE FEATURE DEFINITION: Point\Traffic\Signing\SignFourPost	0 | 0 118 | Cell	
SignFourPostNew TR_SN_SignFourPostNew USE FEATURE DEFINITION: Point\Traffic\Signing\SignFourPostNew	0 | 0 6 | Cell	
SignFromWall TR_SN_SignFromWall USE FEATURE DEFINITION: Point\Traffic\Signing\SignFromWall	0 | 0 22 | Cell	
SignFromWallNew TR_SN_SignFromWallNew USE FEATURE DEFINITION: Point\Traffic\Signing\SignFromWallNew	0 | 0 6 | Cell	
SignNew TR_SN_SignNew USE FEATURE DEFINITION: Point\Traffic\Signing\SignNew	1 | 0 6 | Cell	
SignSnglPost TR_SN_SignSnglPost USE FEATURE DEFINITION: Point\Traffic\Signing\SignSnglPost	0 | 0 118 | Cell	
SignSnglPostNew TR_SN_SignSnglPostNew USE FEATURE DEFINITION: Point\Traffic\Signing\SignSnglPostNew	0 | 0 102 | Cell	

S5.05 Standard Symbols (cont.)

Examples are shown at the correct size for all drawing scales printed to 11"x17" PS&E sheet, unless otherwise noted. Items flagged with an asterisk (*) are True Size items that always measure the same in ground units and their size on a print changes with the drawing scale. The scales of the True Size item examples are noted. Where noted, use the Feature Definition rather than Element Template to place feature.

Traffic - Signing

Element Template (Level Name)	ByLevel Weight | ByLevel Style byLevel Color | Element Type	Example
SignTriplePost TR_SN_SignTriplePost USE FEATURE DEFINITION: Point\Traffic\Signing\SignTriplePost	0 | 0 118 | Cell	
SignTriplePostNew TR_SN_SignTriplePostNew USE FEATURE DEFINITION: Point\Traffic\Signing\SignTriplePostNew	0 | 0 102 | Cell	
StateRouteShield TR_SN_StateRouteShield USE FEATURE DEFINITION: Point\Traffic\Signing\StateRouteShield	1 | 0 54 | Cell	
TrussCantilever TR_SN_TrussCantilever USE FEATURE DEFINITION: Point\Traffic\Signing\TrussCantilever	0 | 0 86 | Cell	
TrussCantileverNew TR_SN_TrussCantileverNew USE FEATURE DEFINITION: Point\Traffic\Signing\TrussCantileverNew	2 | 0 70 | Cell	
TrussSignBridge TR_SN_TrussSignBridge USE FEATURE DEFINITION: Point\Traffic\Signing\TrussSignBridge	0 | 0 86 | Cell	
TrussSignBridgeNew TR_SN_TrussSignBridgeNew USE FEATURE DEFINITION: Point\Traffic\Signing\TrussSignBridgeNew	2 | 0 70 | Cell	

S5.05 Standard Symbols (cont.)

Examples are shown at the correct size for all drawing scales printed to 11"x17" PS&E sheet, unless otherwise noted. Items flagged with an asterisk (*) are True Size items that always measure the same in ground units and their size on a print changes with the drawing scale. The scales of the True Size item examples are noted. Where noted, use the Feature Definition rather than Element Template to place feature.

Traffic - Signing

Element Template (Level Name)	ByLevel Weight | ByLevel Style byLevel Color | Element Type	Example
USRouteShield TR_SN_USRouteShield USE FEATURE DEFINITION: Point\Traffic\Signing\USRouteShield	1 | 0 54 | Cell	
WarningSigns - See Traffic_Signs.cel TR_SN_WarningSigns	0 | 0 38 | Cell	See the following cell libraries: WSDOT_Traffic_Signs.cel WSDOT_Traffic_Signs_Detour.cel WSDOT_Traffic_SN.cel
WashingtonShield TR_SN_WashingtonShield USE FEATURE DEFINITION: Point\Traffic\Signing\WashingtonShield	1 | 0 54 | Cell	

S5.05 Standard Symbols (cont.)

Examples are shown at the correct size for all drawing scales printed to 11"x17" PS&E sheet, unless otherwise noted. Items flagged with an asterisk (*) are True Size items that always measure the same in ground units and their size on a print changes with the drawing scale. The scales of the True Size item examples are noted. Where noted, use the Feature Definition rather than Element Template to place feature.

Traffic - Text

Element Template (Level Name)	ByLevel Weight | ByLevel Style byLevel Color | Element Type	Example
IllumText TR_IL_IllumText Text Style: 07-Ital Text Font: WSDOT CAE Text Size: 0.005833	0 | 0 22 | Text	*PVC CONDUIT*
IllumTextNew TR_IL_IllumTextNew Text Style: 07-Bold Text Font: WSDOT CAE Text Size: 0.005833	0 | 0 6 | Text	**PVC CONDUIT**
SignalsText TR_SG_SignalsText Text Style: 07-Ital Text Font: WSDOT CAE Text Size: 0.005833	0 | 0 22 | Text	*PVC CONDUIT*
SignalsTextNew TR_SG_SignalsTextNew Text Style: 07-Bold Text Font: WSDOT CAE Text Size: 0.005833	0 | 0 6 | Text	**PVC CONDUIT**
SigningText TR_SN_SigningText Text Style: 07-Ital Text Font: WSDOT CAE Text Size: 0.005833	0 | 0 22 | Text	*SR 101*
SigningTextNew TR_SN_SigningTextNew Text Style: 07-Bold Text Font: WSDOT CAE Text Size: 0.005833	0 | 0 6 | Text	**SR 101**
TrafficSystemsText TR_TS_TrafficSystemsText Text Style: 07-Ital Text Font: WSDOT CAE Text Size: 0.005833	0 | 0 22 | Text	*DYNAMIC MESSAGE SIGN*

S5.05 Standard Symbols (cont.)

Examples are shown at the correct size for all drawing scales printed to 11"x17" PS&E sheet, unless otherwise noted. Items flagged with an asterisk (*) are True Size items that always measure the same in ground units and their size on a print changes with the drawing scale. The scales of the True Size item examples are noted. Where noted, use the Feature Definition rather than Element Template to place feature.

Traffic - Text

Element Template (Level Name)	ByLevel Weight | ByLevel Style / byLevel Color | Element Type	Example
TrafficSystemsTextNew TR_TS_TrafficSystemsTextNew Text Style: 07-Bold Text Font: WSDOT CAE Text Size: 0.005833	0 | 0 6 | Text	**DYNAMIC MESSAGE SIGN**
WorkZoneTextCurrent TR_WZ_WorkZoneTextCurrent Text Style: 07-Bold Text Font: WSDOT CAE Text Size: 0.005833	0 | 0 6 | Text	**WORK ZONE**
WorkZoneTextPrevious TR_WZ_WorkZoneTextPrevious Text Style: 07-Ital Text Font: WSDOT CAE Text Size: 0.005833	0 | 0 22 | Text	*WORK ZONE*

S5.05 Standard Symbols (cont.)

Examples are shown at the correct size for all drawing scales printed to 11"x17" PS&E sheet, unless otherwise noted. Items flagged with an asterisk (*) are True Size items that always measure the same in ground units and their size on a print changes with the drawing scale. The scales of the True Size item examples are noted. Where noted, use the Feature Definition rather than Element Template to place feature.

Traffic - Traffic Systems

Element Template (Level Name)	ByLevel Weight | ByLevel Style byLevel Color | Element Type	Example
AdvancedWarningSign TR_TS_AdvancedWarningSign USE FEATURE DEFINITION: Point\Traffic\Traffic Systems\AdvancedWarningSign	0 | 0 86 | Cell	
AdvancedWarningSignNew TR_TS_AdvancedWarningSignNew USE FEATURE DEFINITION: Point\Traffic\Traffic Systems\AdvancedWarningSignNew	2 | 0 70 | Cell	
ATMControlCabinet TR_TS_ATMControlCabinet USE FEATURE DEFINITION: Point\Traffic\Traffic Systems\ATMControlCabinet	0 | 0 19 | Cell	
ATMControlCabinetNew TR_TS_ATMControlCabinetNew USE FEATURE DEFINITION: Point\Traffic\Traffic Systems\ATMControlCabinetNew	2 | 0 6 | Cell	
CableVault TR_TS_CableVault USE FEATURE DEFINITION: Point\Traffic\Traffic Systems\CableVault	0 | 0 54 | Cell	
CableVaultNew TR_TS_CableVaultNew USE FEATURE DEFINITION: Point\Traffic\Traffic Systems\CableVaultNew	2 | 0 38 | Cell	
CCTVCamera TR_TS_CCTVCamera USE FEATURE DEFINITION: Point\Traffic\Traffic Systems\CCTVCamera	0 | 0 150 | Cell	

S5.05 Standard Symbols (cont.)

Examples are shown at the correct size for all drawing scales printed to 11"x17" PS&E sheet, unless otherwise noted. Items flagged with an asterisk (*) are True Size items that always measure the same in ground units and their size on a print changes with the drawing scale. The scales of the True Size item examples are noted. Where noted, use the Feature Definition rather than Element Template to place feature.

Traffic - Traffic Systems

Element Template (Level Name)	ByLevel Weight | ByLevel Style / byLevel Color | Element Type	Example
CCTVCameraNew TR_TS_CCTVCameraNew USE FEATURE DEFINITION: Point\Traffic\Traffic Systems\CCTVCameraNew	2 | 0 102 | Cell	
CCTVControlCabinet TR_TS_CCTVControlCabinet USE FEATURE DEFINITION: Point\Traffic\Traffic Systems\CCTVControlCabinet	0 | 0 150 | Cell	
CCTVControlCabinetNew TR_TS_CCTVControlCabinetNew USE FEATURE DEFINITION: Point\Traffic\Traffic Systems\CCTVControlCabinetNew	2 | 0 102 | Cell	
CommunicationsHub TR_TS_CommunicationsHub USE FEATURE DEFINITION: Point\Traffic\Traffic Systems\CommunicationsHub	0 | 0 54 | Cell	
CommunicationsHubNew TR_TS_CommunicationsHubNew USE FEATURE DEFINITION: Point\Traffic\Traffic Systems\CommunicationsHubNew	2 | 0 38 | Cell	
ConduitAndWiringTS TR_TS_ConduitAndWiringTS USE FEATURE DEFINITION: Linear\Traffic\Traffic Systems\ConduitAndWiringTS	0 | 6 86 | Linear	
ConduitAndWiringTSNew TR_TS_ConduitAndWiringTSNew USE FEATURE DEFINITION: Linear\Traffic\Traffic Systems\ConduitAndWiringTSNew	2 | 6 70 | Linear	

S5.05 Standard Symbols (cont.)

Examples are shown at the correct size for all drawing scales printed to 11"x17" PS&E sheet, unless otherwise noted. Items flagged with an asterisk (*) are True Size items that always measure the same in ground units and their size on a print changes with the drawing scale. The scales of the True Size item examples are noted. Where noted, use the Feature Definition rather than Element Template to place feature.

Traffic - Traffic Systems

Element Template (Level Name)	ByLevel Weight | ByLevel Style byLevel Color | Element Type	Example
DataStation TR_TS_DataStation USE FEATURE DEFINITION: Point\Traffic\Traffic Systems\DataStation	0 | 0 54 | Cell	
DataStationNew TR_TS_DataStationNew USE FEATURE DEFINITION: Point\Traffic\Traffic Systems\DataStationNew	2 | 0 38 | Cell	
FiberTerminalCabinet TR_TS_FiberTerminalCabinet USE FEATURE DEFINITION: Point\Traffic\Traffic Systems\FiberTerminalCabinet	0 | 0 19 | Cell	
FiberTerminalCabinetNew TR_TS_FiberTerminalCabinetNew USE FEATURE DEFINITION: Point\Traffic\Traffic Systems\FiberTerminalCabinetNew	2 | 0 6 | Cell	
HARControlCabinet TR_TS_HARControlCabinet USE FEATURE DEFINITION: Point\Traffic\Traffic Systems\HARControlCabinet	0 | 0 86 | Cell	
HARControlCabinetNew TR_TS_HARControlCabinetNew USE FEATURE DEFINITION: Point\Traffic\Traffic Systems\HARControlCabinetNew	2 | 0 70 | Cell	
HARSign TR_TS_HARSign USE FEATURE DEFINITION: Point\Traffic\Traffic Systems\HARSign	0 | 0 86 | Cell	

S5.05 Standard Symbols (cont.)

Examples are shown at the correct size for all drawing scales printed to 11"x17" PS&E sheet, unless otherwise noted. Items flagged with an asterisk (*) are True Size items that always measure the same in ground units and their size on a print changes with the drawing scale. The scales of the True Size item examples are noted. Where noted, use the Feature Definition rather than Element Template to place feature.

Traffic - Traffic Systems

Element Template (Level Name)	ByLevel Weight | ByLevel Style / byLevel Color | Element Type	Example
HARSignNew TR_TS_HARSignNew USE FEATURE DEFINITION: Point\Traffic\Traffic Systems\HARSignNew	2 | 0 70 | Cell	
HARTransmitter TR_TS_HARTransmitter USE FEATURE DEFINITION: Point\Traffic\Traffic Systems\HARTransmitter	0 | 0 86 | Cell	
HARTransmitterNew TR_TS_HARTransmitterNew USE FEATURE DEFINITION: Point\Traffic\Traffic Systems\HARTransmitterNew	2 | 0 70 | Cell	
InductionLoopType2Mod TR_TS_InductionLoopType2Mod USE FEATURE DEFINITION: Point\Traffic\Traffic Systems\InductionLoopType2Mod	0 | 0 54 | Cell	
InductionLoopType2ModNew TR_TS_InductionLoopType2ModNew	2 | 0 38 | Cell	
LaneControlSign TR_TS_LaneControlSign USE FEATURE DEFINITION: Point\Traffic\Traffic Systems\LaneControlSign	0 | 0 19 | Cell	
LaneControlSignNew TR_TS_LaneControlSignNew USE FEATURE DEFINITION: Point\Traffic\Traffic Systems\LaneControlSignNew	2 | 0 6 | Cell	

S5.05 Standard Symbols (cont.)

Examples are shown at the correct size for all drawing scales printed to 11"x17" PS&E sheet, unless otherwise noted. Items flagged with an asterisk (*) are True Size items that always measure the same in ground units and their size on a print changes with the drawing scale. The scales of the True Size item examples are noted. Where noted, use the Feature Definition rather than Element Template to place feature.

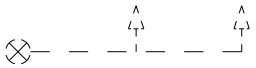
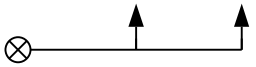
Traffic - Traffic Systems

Element Template (Level Name)	ByLevel Weight | ByLevel Style byLevel Color | Element Type	Example
PermTrafficRecorderCab TR_TS_PermTrafficRecorderCab USE FEATURE DEFINITION: Point\Traffic\Traffic Systems\PermTrafficRecorderCab	0 | 0 19 | Cell	
PermTrafficRecorderCabNew TR_TS_PermTrafficRecorderCabNew USE FEATURE DEFINITION: Point\Traffic\Traffic Systems\PermTrafficRecorderCabNew	2 | 0 6 | Cell	
PowerPanel TR_TS_PowerPanel USE FEATURE DEFINITION: Point\Traffic\Traffic Systems\PowerPanel	0 | 0 19 | Cell	
PowerPanelNew TR_TS_PowerPanelNew USE FEATURE DEFINITION: Point\Traffic\Traffic Systems\PowerPanelNew	2 | 0 6 | Cell	
RemoteAmplifierCabinet TR_TS_RemoteAmplifierCabinet USE FEATURE DEFINITION: Point\Traffic\Traffic Systems\RemoteAmplifierCabinet	0 | 0 19 | Cell	
RemoteAmplifierCabinetNew TR_TS_RemoteAmplifierCabinetNew USE FEATURE DEFINITION: Point\Traffic\Traffic Systems\RemoteAmplifierCabinetNew	2 | 0 6 | Cell	
Sensor TR_TS_Sensor USE FEATURE DEFINITION: Point\Traffic\Traffic Systems\Sensor	0 | 0 19 | Cell	

S5.05 Standard Symbols (cont.)

Examples are shown at the correct size for all drawing scales printed to 11"x17" PS&E sheet, unless otherwise noted. Items flagged with an asterisk (*) are True Size items that always measure the same in ground units and their size on a print changes with the drawing scale. The scales of the True Size item examples are noted. Where noted, use the Feature Definition rather than Element Template to place feature.

Traffic - Traffic Systems

Element Template (Level Name)	ByLevel Weight | ByLevel Style byLevel Color | Element Type	Example
SensorNew TR_TS_SensorNew USE FEATURE DEFINITION: Point\Traffic\Traffic Systems\SensorNew	2 | 0 6 | Cell	
SideMountDynamicSign TR_TS_SideMountDynamicSign	0 | 0 19 | Cell	
SideMountDynamicSignNew TR_TS_SideMountDynamicSignNew	2 | 0 6 | Cell	
SignalType1 TR_TS_SignalType1 USE FEATURE DEFINITION: Point\Traffic\Traffic Systems\SignalType1	0 | 0 54 | Cell	
SignalType1New TR_TS_SignalType1New USE FEATURE DEFINITION: Point\Traffic\Traffic Systems\SignalType1New	2 | 0 38 | Cell	
SignalType2 TR_TS_SignalType2 USE FEATURE DEFINITION: Point\Traffic\Traffic Systems\SignalType2	0 | 0 54 | Cell	
SignalType2New TR_TS_SignalType2New USE FEATURE DEFINITION: Point\Traffic\Traffic Systems\SignalType2New	2 | 0 38 | Cell	

S5.05 Standard Symbols (cont.)

Examples are shown at the correct size for all drawing scales printed to 11"x17" PS&E sheet, unless otherwise noted. Items flagged with an asterisk (*) are True Size items that always measure the same in ground units and their size on a print changes with the drawing scale. The scales of the True Size item examples are noted. Where noted, use the Feature Definition rather than Element Template to place feature.

Traffic - Traffic Systems

Element Template (Level Name)	ByLevel Weight | ByLevel Style byLevel Color | Element Type	Example
TerminalCabinet TR_TS_TerminalCabinet USE FEATURE DEFINITION: Point\Traffic\Traffic Systems\TerminalCabinet	0 | 0 54 | Cell	
TerminalCabinetNew TR_TS_TerminalCabinetNew USE FEATURE DEFINITION: Point\Traffic\Traffic Systems\TerminalCabinetNew	2 | 0 38 | Cell	
TollCabinet TR_TS_TollCabinet USE FEATURE DEFINITION: Point\Traffic\Traffic Systems\TollCabinet	0 | 0 86 | Cell	
TollCabinetNew TR_TS_TollCabinetNew USE FEATURE DEFINITION: Point\Traffic\Traffic Systems\TollCabinetNew	2 | 0 70 | Cell	
TollGantry2wEnfSignal TR_TS_TollGantry2wEnfSignal USE FEATURE DEFINITION: Point\Traffic\Traffic Systems\TollGantry2wEnfSignal	0 | 0 86 | Cell	
TollGantry2wEnfSignalNew TR_TS_TollGantry2wEnfSignalNew USE FEATURE DEFINITION: Point\Traffic\Traffic Systems\TollGantry2wEnfSignalNew	2 | 0 70 | Cell	
TollRateSign TR_TS_TollRateSign USE FEATURE DEFINITION: Point\Traffic\Traffic Systems\TollRateSign	0 | 0 86 | Cell	

S5.05 Standard Symbols (cont.)

Examples are shown at the correct size for all drawing scales printed to 11"x17" PS&E sheet, unless otherwise noted. Items flagged with an asterisk (*) are True Size items that always measure the same in ground units and their size on a print changes with the drawing scale. The scales of the True Size item examples are noted. Where noted, use the Feature Definition rather than Element Template to place feature.

Traffic - Traffic Systems

Element Template (Level Name)	ByLevel Weight | ByLevel Style byLevel Color | Element Type	Example
TollRateSignNew TR_TS_TollRateSignNew USE FEATURE DEFINITION: Point\Traffic\Traffic Systems\TollRateSignNew	2 | 0 70 | Cell	
TransformerCabinet TR_TS_TransformerCabinet USE FEATURE DEFINITION: Point\Traffic\Traffic Systems\TransformerCabinet	0 | 0 54 | Cell	
TransformerCabinetNew TR_TS_TransformerCabinetNew USE FEATURE DEFINITION: Point\Traffic\Traffic Systems\TransformerCabinetNew	2 | 0 38 | Cell	
VMSControlCabinet TR_TS_VMSControlCabinet USE FEATURE DEFINITION: Point\Traffic\Traffic Systems\VMSControlCabinet	0 | 0 118 | Cell	
VMSControlCabinetNew TR_TS_VMSControlCabinetNew USE FEATURE DEFINITION: Point\Traffic\Traffic Systems\VMSControlCabinetNew	2 | 0 102 | Cell	
VMSOverhead TR_TS_VMSOverhead USE FEATURE DEFINITION: Point\Traffic\Traffic Systems\VMSOverhead	0 | 0 118 | Cell	
VMSOverheadNew TR_TS_VMSOverheadNew USE FEATURE DEFINITION: Point\Traffic\Traffic Systems\VMSOverheadNew	2 | 0 102 | Cell	

S5.05 Standard Symbols (cont.)

Examples are shown at the correct size for all drawing scales printed to 11"x17" PS&E sheet, unless otherwise noted. Items flagged with an asterisk (*) are True Size items that always measure the same in ground units and their size on a print changes with the drawing scale. The scales of the True Size item examples are noted. Where noted, use the Feature Definition rather than Element Template to place feature.

Traffic - Traffic Systems

Element Template (Level Name)	ByLevel Weight | ByLevel Style byLevel Color | Element Type	Example
VMSShoulder TR_TS_VMSShoulder USE FEATURE DEFINITION: Point\Traffic\Traffic Systems\VMSShoulder	0 | 0 118 | Cell	
VMSShoulderNew TR_TS_VMSShoulderNew USE FEATURE DEFINITION: Point\Traffic\Traffic Systems\VMSShoulderNew	2 | 0 102 | Cell	

S5.05 Standard Symbols (cont.)

Examples are shown at the correct size for all drawing scales printed to 11"x17" PS&E sheet, unless otherwise noted. Items flagged with an asterisk (*) are True Size items that always measure the same in ground units and their size on a print changes with the drawing scale. The scales of the True Size item examples are noted. Where noted, use the Feature Definition rather than Element Template to place feature.

Traffic - Traffic Systems - Boxes

Element Template (Level Name)	ByLevel Weight | ByLevel Style byLevel Color | Element Type	Example
JBox1 TR_TS_JBox1 USE FEATURE DEFINITION: Point\Traffic\Illumination\Boxes\JBox1	0 | 0 22 | Cell	
JBox1New TR_TS_JBox1New USE FEATURE DEFINITION: Point\Traffic\Illumination\Boxes\JBox1New	2 | 0 6 | Cell	
JBox2 TR_TS_JBox2 USE FEATURE DEFINITION: Point\Traffic\Illumination\Boxes\JBox2	0 | 0 22 | Cell	
JBox2New TR_TS_JBox2New USE FEATURE DEFINITION: Point\Traffic\Illumination\Boxes\JBox2New	2 | 0 6 | Cell	
JBox3 TR_TS_JBox3 USE FEATURE DEFINITION: Point\Traffic\Illumination\Boxes\JBox3	0 | 0 22 | Cell	
JBox3New TR_TS_JBox3New USE FEATURE DEFINITION: Point\Traffic\Illumination\Boxes\JBox3New	2 | 0 6 | Cell	
JBox4(Traffic-bearing) TR_TS_JBox4(Traffic-bearing) USE FEATURE DEFINITION: Point\Traffic\Illumination\Boxes\JBox4(Traffic-bearing)	0 | 0 22 | Cell	

S5.05 Standard Symbols (cont.)

Examples are shown at the correct size for all drawing scales printed to 11"x17" PS&E sheet, unless otherwise noted. Items flagged with an asterisk (*) are True Size items that always measure the same in ground units and their size on a print changes with the drawing scale. The scales of the True Size item examples are noted. Where noted, use the Feature Definition rather than Element Template to place feature.

Traffic - Traffic Systems - Boxes

Element Template (Level Name)	ByLevel Weight | ByLevel Style / byLevel Color | Element Type	Example
JBox4(Traffic-bearing)New TR_TS_JBox4(Traffic-bearing)New USE FEATURE DEFINITION: Point\Traffic\Illumination\Boxes\JBox4(Traffic-bearing)New	2 | 0 6 | Cell	
JBox5(Traffic-bearing) TR_TS_JBox5(Traffic-bearing) USE FEATURE DEFINITION: Point\Traffic\Illumination\Boxes\JBox5(Traffic-bearing)	0 | 0 22 | Cell	
JBox5(Traffic-bearing)New TR_TS_JBox5(Traffic-bearing)New USE FEATURE DEFINITION: Point\Traffic\Illumination\Boxes\JBox5(Traffic-bearing)New	2 | 0 6 | Cell	
JBox6(Traffic-bearing) TR_TS_JBox6(Traffic-bearing) USE FEATURE DEFINITION: Point\Traffic\Illumination\Boxes\JBox6(Traffic-bearing)	0 | 0 22 | Cell	
JBox6(Traffic-bearing)New TR_TS_JBox6(Traffic-bearing)New USE FEATURE DEFINITION: Point\Traffic\Illumination\Boxes\JBox6(Traffic-bearing)New	2 | 0 6 | Cell	
JBox7(NoLock) TR_TS_JBox7(NoLock) USE FEATURE DEFINITION: Point\Traffic\Illumination\Boxes\JBox7(NoLock)	0 | 0 22 | Cell	
JBox7(NoLock)New TR_TS_JBox7(NoLock)New USE FEATURE DEFINITION: Point\Traffic\Illumination\Boxes\JBox7(NoLock)New	2 | 0 6 | Cell	

S5.05 Standard Symbols (cont.)

Examples are shown at the correct size for all drawing scales printed to 11"x17" PS&E sheet, unless otherwise noted. Items flagged with an asterisk (*) are True Size items that always measure the same in ground units and their size on a print changes with the drawing scale. The scales of the True Size item examples are noted. Where noted, use the Feature Definition rather than Element Template to place feature.

Traffic - Traffic Systems - Boxes

Element Template (Level Name)	ByLevel Weight | ByLevel Style byLevel Color | Element Type	Example
JBox8(WithLock) TR_TS_JBox8(WithLock) USE FEATURE DEFINITION: Point\Traffic\Illumination\Boxes\JBox8(WithLock)	0 | 0 22 | Cell	
JBox8(WithLock)New TR_TS_JBox8(WithLock)New USE FEATURE DEFINITION: Point\Traffic\Illumination\Boxes\JBox8(WithLock)New	2 | 0 6 | Cell	
JBoxAerial TR_TS_JBoxAerial USE FEATURE DEFINITION: Point\Traffic\Illumination\Boxes\JBoxAerial	0 | 0 22 | Cell	
JBoxAerialNew TR_TS_JBoxAerialNew USE FEATURE DEFINITION: Point\Traffic\Illumination\Boxes\JBoxAerialNew	2 | 0 6 | Cell	
JBoxNEMA TR_TS_JBoxNEMA USE FEATURE DEFINITION: Point\Traffic\Illumination\Boxes\JBoxNEMA	0 | 0 22 | Cell	
JBoxNEMANew TR_TS_JBoxNEMANew USE FEATURE DEFINITION: Point\Traffic\Illumination\Boxes\JBoxNEMANew	2 | 0 6 | Cell	
JBoxUnknown TR_TS_JBoxUnknown USE FEATURE DEFINITION: Point\Traffic\Illumination\Boxes\JBoxUnknown	0 | 0 22 | Cell	

S5.05 Standard Symbols (cont.)

Examples are shown at the correct size for all drawing scales printed to 11"x17" PS&E sheet, unless otherwise noted. Items flagged with an asterisk (*) are True Size items that always measure the same in ground units and their size on a print changes with the drawing scale. The scales of the True Size item examples are noted. Where noted, use the Feature Definition rather than Element Template to place feature.

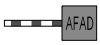
Traffic - Traffic Systems - Boxes

Element Template (Level Name)	ByLevel Weight | ByLevel Style byLevel Color | Element Type	Example
PullBox TR_TS_PullBox USE FEATURE DEFINITION: Point\Traffic\Illumination\Boxes\PullBox	0 | 0 54 | Cell	
PullBoxNew TR_TS_PullBoxNew USE FEATURE DEFINITION: Point\Traffic\Illumination\Boxes\PullBoxNew	2 | 0 38 | Cell	
SCDIBox TR_TS_SCDIBox USE FEATURE DEFINITION: Point\Traffic\Traffic Systems\Boxes\SCDIBox	0 | 0 86 | Cell	
SCDIBoxNew TR_TS_SCDIBoxNew USE FEATURE DEFINITION: Point\Traffic\Traffic Systems\Boxes\SCDIBoxNew	2 | 0 70 | Cell	

S5.05 Standard Symbols (cont.)

Examples are shown at the correct size for all drawing scales printed to 11"x17" PS&E sheet, unless otherwise noted. Items flagged with an asterisk (*) are True Size items that always measure the same in ground units and their size on a print changes with the drawing scale. The scales of the True Size item examples are noted. Where noted, use the Feature Definition rather than Element Template to place feature.

Traffic - Work Zone

Element Template (Level Name)	ByLevel Weight | ByLevel Style byLevel Color | Element Type	Example
AFAD TR_WZ_AFAD	1 | 0 227 | Cell	
ArrowDetourRoute TR_WZ_ArrowDetourRoute USE FEATURE DEFINITION: Point\Traffic\Work Zone\ArrowDetourRoute	4 | 0 102 | Cell	
ArrowLeftStrRightTurn TR_WZ_ArrowLeftStrRightTurn USE FEATURE DEFINITION: Point\Traffic\Work Zone\ArrowLeftStrRightTurn	1 | 0 102 | Cell	
ArrowLeftTurn TR_WZ_ArrowLeftTurn USE FEATURE DEFINITION: Point\Traffic\Work Zone\ArrowLeftTurn	1 | 0 102 | Cell	
ArrowRightTurn TR_WZ_ArrowRightTurn USE FEATURE DEFINITION: Point\Traffic\Work Zone\ArrowRightTurn	1 | 0 102 | Cell	
ArrowStraight TR_WZ_ArrowStraight USE FEATURE DEFINITION: Point\Traffic\Work Zone\ArrowStraight	1 | 0 102 | Cell	
ArrowStraightLeftTurn TR_WZ_ArrowStraightLeftTurn USE FEATURE DEFINITION: Point\Traffic\Work Zone\ArrowStraightLeftTurn	1 | 0 102 | Cell	

S5.05 Standard Symbols (cont.)

Examples are shown at the correct size for all drawing scales printed to 11"x17" PS&E sheet, unless otherwise noted. Items flagged with an asterisk (*) are True Size items that always measure the same in ground units and their size on a print changes with the drawing scale. The scales of the True Size item examples are noted. Where noted, use the Feature Definition rather than Element Template to place feature.

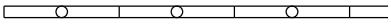
Traffic - Work Zone

Element Template (Level Name)	ByLevel Weight | ByLevel Style byLevel Color | Element Type	Example
ArrowStraightRightTurn TR_WZ_ArrowStraightRightTurn USE FEATURE DEFINITION: Point\Traffic\Work Zone\ArrowStraightRightTurn	1 | 0 102 | Cell	
BarricadeType2 TR_WZ_BarricadeType2 USE FEATURE DEFINITION: Point\Traffic\Work Zone\BarricadeType2	2 | 0 102 | Cell	
BarricadeType3 TR_WZ_BarricadeType3 USE FEATURE DEFINITION: Point\Traffic\Work Zone\BarricadeType3	2 | 0 102 | Cell	
BarrierQuickMove TR_WZ_BarrierQuickMove USE FEATURE DEFINITION: Linear\Traffic\Work Zone\BarrierQuickMove	1 | TR_WZ_BarrierQuickMove 102 | Linear	
BarrierTemp TR_WZ_BarrierTemp	1 | 0 102 | Linear	
ConcreteBarrierNew TR_WZ_ConcreteBarrierNew USE FEATURE DEFINITION: Linear\Traffic\Work Zone\ConcreteBarrierNew	1 | TR_WZ_ConcreteBarrierNew 38 | Linear	
FlaggingStation TR_WZ_FlaggingStation USE FEATURE DEFINITION: Point\Traffic\Work Zone\FlaggingStation	1 | 0 102 | Cell	

S5.05 Standard Symbols (cont.)

Examples are shown at the correct size for all drawing scales printed to 11"x17" PS&E sheet, unless otherwise noted. Items flagged with an asterisk (*) are True Size items that always measure the same in ground units and their size on a print changes with the drawing scale. The scales of the True Size item examples are noted. Where noted, use the Feature Definition rather than Element Template to place feature.

Traffic - Work Zone

Element Template (Level Name)	ByLevel Weight | ByLevel Style byLevel Color | Element Type	Example
GuardrailElev TR_WZ_GuardrailElev	1 | 0 102 | Cell	
GuidePostNewElev TR_WZ_GuidePostNewElev	1 | 0 102 | Cell	
GuidePostTemp TR_WZ_GuidePostTemp USE FEATURE DEFINITION: Point\Traffic\Work Zone\GuidePostTemp	1 | 0 102 | Cell	
ImpactAttenuatorTL2 TR_WZ_ImpactAttenuator-TL2	1 | 0 102 | Cell	
ImpactAttenuatorTL3 TR_WZ_ImpactAttenuator-TL3	1 | 0 102 | Cell	
LongitudinalChanDevice TR_WZ_LongitudinalChanDevice USE FEATURE DEFINITION: Linear\Traffic\Work Zone\LongitudinalChanDevice	1 | TR_WZ_LongitudinalChanDevice 38 | Linear	
PCMS TR_WZ_PCMS	1 | 0 0 | Cell	

S5.05 Standard Symbols (cont.)

Examples are shown at the correct size for all drawing scales printed to 11"x17" PS&E sheet, unless otherwise noted. Items flagged with an asterisk (*) are True Size items that always measure the same in ground units and their size on a print changes with the drawing scale. The scales of the True Size item examples are noted. Where noted, use the Feature Definition rather than Element Template to place feature.

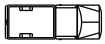
Traffic - Work Zone

Element Template (Level Name)	ByLevel Weight | ByLevel Style byLevel Color | Element Type	Example
PedChanDevice TR_WZ_PedChanDevice	1 | TR_WZ_PedestrianChanDevice 38 | Linear	
PortableSignMount TR_WZ_PortableSignMount USE FEATURE DEFINITION: Point\Traffic\Work Zone\PortableSignMount	1 | 0 102 | Cell	
PortableSignMount5ftMinBlk-Org TR_WZ_PortableSignMount5ftMinBlk-Org	2 | 0 230 | Cell	
PortableSignMount5ftMinBlk-Wht TR_WZ_PortableSignMount5ftMinBlk-Wht	2 | 0 0 | Cell	
PortableSignMount5ftMinGrn-Wht TR_WZ_PortableSignMount5ftMinGrn-Wht	2 | 0 226 | Cell	
PortableSignMount5ftMinRed-Wht TR_WZ_PortableSignMount5ftMinRed-Wht	2 | 0 227 | Cell	
PortableSignMountBlk-Org TR_WZ_PortableSignMountBlk-Org	2 | 0 230 | Cell	

S5.05 Standard Symbols (cont.)

Examples are shown at the correct size for all drawing scales printed to 11"x17" PS&E sheet, unless otherwise noted. Items flagged with an asterisk (*) are True Size items that always measure the same in ground units and their size on a print changes with the drawing scale. The scales of the True Size item examples are noted. Where noted, use the Feature Definition rather than Element Template to place feature.

Traffic - Work Zone

Element Template (Level Name)	ByLevel Weight | ByLevel Style byLevel Color | Element Type	Example
PortableSignMountBlk-Wht TR_WZ_PortableSignMountBlk-Wht	2 | 0 0 | Cell	
PortableSignMountRed-Wht TR_WZ_PortableSignMountRed-Wht	2 | 0 227 | Cell	
ProtectiveVehicle TR_WZ_ProtectiveVehicle	1 | 0 236 | Cell	
PublicVehicle TR_WZ_PublicVehicle	1 | 0 102 | Cell	
RadarSpeedDisplaySign TR_WZ_RadarSpeedDisplaySign	2 | 0 0 | Cell	
SequentialArrowSign TR_WZ_SequentialArrowSign	2 | 0 236 | Cell	
Sign TR_WZ_Sign USE FEATURE DEFINITION: Point\Traffic\Signing\Sign	1 | 0 102 | Cell	

S5.05 Standard Symbols (cont.)

Examples are shown at the correct size for all drawing scales printed to 11"x17" PS&E sheet, unless otherwise noted. Items flagged with an asterisk (*) are True Size items that always measure the same in ground units and their size on a print changes with the drawing scale. The scales of the True Size item examples are noted. Where noted, use the Feature Definition rather than Element Template to place feature.

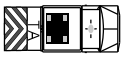
Traffic - Work Zone

Element Template (Level Name)	ByLevel Weight | ByLevel Style byLevel Color | Element Type	Example
SignNew TR_WZ_SignNew USE FEATURE DEFINITION: Point\Traffic\Signing\SignNew	1 | 0 102 | Cell	
TallChanDevice42 TR_WZ_TallChanDevice	0 | 0 230 | Cell	
TallChanDevice42Elev TR_WZ_TallChanDeviceElev	1 | 0 230 | Cell	
TempLighting TR_WZ_TempLighting	1 | 0 102 | Cell	
TemporarySignal TR_WZ_TempSignal	1 | 0 102 | Cell	
TrafficCone28 TR_WZ_TrafficCone	1 | 0 102 | Cell	
TrafficCone28Elev TR_WZ_TrafficConeElev	1 | 0 102 | Cell	

S5.05 Standard Symbols (cont.)

Examples are shown at the correct size for all drawing scales printed to 11"x17" PS&E sheet, unless otherwise noted. Items flagged with an asterisk (*) are True Size items that always measure the same in ground units and their size on a print changes with the drawing scale. The scales of the True Size item examples are noted. Where noted, use the Feature Definition rather than Element Template to place feature.

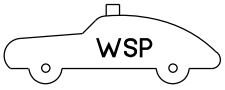
Traffic - Work Zone

Element Template (Level Name)	ByLevel Weight | ByLevel Style byLevel Color | Element Type	Example
TrafficCone36 TR_WZ_TrafficCone	1 | 0 102 | Cell	
TrafficCone36Elev TR_WZ_TrafficConeElev	1 | 0 102 | Cell	
TrafficSafetyDrum TR_WZ_TrafficSafetyDrum USE FEATURE DEFINITION: Point\Traffic\Work Zone\TrafficSafetyDrum	2 | 0 102 | Cell	
TrafficSafetyDrumElev TR_WZ_TrafficSafetyDrumElev	1 | 0 38 | Cell	
TransportableAttenuator TR_WZ_TransportableAttenuator USE FEATURE DEFINITION: Point\Traffic\Work Zone\TransportableAttenuator	1 | 0 228 | Cell	
TubularMarker TR_WZ_TubularMarker	0 | 0 230 | Cell	
TubularMarker28Elev TR_WZ_TubularMarkerElev	0 | 0 230 | Cell	

S5.05 Standard Symbols (cont.)

Examples are shown at the correct size for all drawing scales printed to 11"x17" PS&E sheet, unless otherwise noted. Items flagged with an asterisk (*) are True Size items that always measure the same in ground units and their size on a print changes with the drawing scale. The scales of the True Size item examples are noted. Where noted, use the Feature Definition rather than Element Template to place feature.

Traffic - Work Zone

Element Template (Level Name)	ByLevel Weight | ByLevel Style byLevel Color | Element Type	Example
TubularMarker42Elev TR_WZ_TubularMarkerElev	0 | 0 230 | Cell	
UPOFlagger TR_WZ_UPOFlagger	1 | 0 99 | Cell	
UPOVehicle TR_WZ_UPOVehicle	1 | 0 97 | Cell	
WarningFlag TR_WZ_WarningFlag USE FEATURE DEFINITION: Point\Traffic\Work Zone\WarningFlag	1 | 0 102 | Cell	
WorkZoneDetails - See Traffic_Signs_WZ.cel TR_WZ_WorkZoneDetails	0 | 0 0 | Cell	See the following cell libraries: WSDOT_Traffic_WZ.cel WSDOT_Traffic_WZ_Elev.cel
WSPElev TR_WZ_WSPElev	1 | 0 102 | Cell	

S5.05 Standard Symbols (cont.)

Examples are shown at the correct size for all drawing scales printed to 11"x17" PS&E sheet, unless otherwise noted. Items flagged with an asterisk (*) are True Size items that always measure the same in ground units and their size on a print changes with the drawing scale. The scales of the True Size item examples are noted. Where noted, use the Feature Definition rather than Element Template to place feature.

Utilities - Communication

Element Template (Level Name)	ByLevel Weight | ByLevel Style / byLevel Color | Element Type	Example
AbvGndCableTV UT_CM_AbvGndCableTV USE FEATURE DEFINITION: Linear\Utilities\Communication\AbvGndCableTV	0 | UT_CM_AbvGndCableTV 21 | Linear	—OTV— —OTV— —OTV— —OTV— —OTV—
AbvGndCableTVNew UT_CM_AbvGndCableTVNew USE FEATURE DEFINITION: Linear\Utilities\Communication\AbvGndCableTVNew	0 | UT_CM_AbvGndCableTVNew 5 | Linear	—OTV——OTV——OTV——OTV——OTV—
AbvGndCommLine UT_CM_AbvGndCommLine USE FEATURE DEFINITION: Linear\Utilities\Communication\AbvGndCommLine	0 | UT_CM_AbvGndCommLine 21 | Linear	—OCL— —OCL— —OCL— —OCL— —OCL—
AbvGndCommLineNew UT_CM_AbvGndCommLineNew USE FEATURE DEFINITION: Linear\Utilities\Communication\AbvGndCommLineNew	0 | UT_CM_AbvGndCommLineNew 5 | Linear	—OCL——OCL——OCL——OCL——OCL—
AbvGndFiberOpticCable UT_CM_AbvGndFiberOpticCable USE FEATURE DEFINITION: Linear\Utilities\Communication\AbvGndFiberOpticCable	0 | UT_CM_AbvGndFiberOpticCable 21 | Linear	— OF — — OF — — OF — — OF — — OF —
AbvGndFiberOpticCableNew UT_CM_AbvGndFiberOpticCableNew USE FEATURE DEFINITION: Linear\Utilities\Communication\AbvGndFiberOpticCableNew	0 | UT_CM_AbvGndFiberOpticCableNew 5 | Linear	— OF —— OF —— OF —— OF —— OF —
AbvGndTelephoneLine UT_CM_AbvGndTelephoneLine USE FEATURE DEFINITION: Linear\Utilities\Communication\AbvGndTelephoneLine	0 | UT_CM_AbvGndTelephoneLine 21 | Linear	— OT — — OT — — OT — — OT — — OT —

S5.05 Standard Symbols (cont.)

Examples are shown at the correct size for all drawing scales printed to 11"x17" PS&E sheet, unless otherwise noted. Items flagged with an asterisk (*) are True Size items that always measure the same in ground units and their size on a print changes with the drawing scale. The scales of the True Size item examples are noted. Where noted, use the Feature Definition rather than Element Template to place feature.

Utilities - Communication

Element Template (Level Name) | ByLevel Weight / ByLevel Style / byLevel Color / Element Type | Example

AbvGndTelephoneLineNew
UT_CM_AbvGndTelephoneLineNew
0 / UT_CM_AbvGndTelephoneLineNew
5 / Linear

USE FEATURE DEFINITION: Linear\Utilities\Communication\AbvGndTelephoneLineNew

CablePedestal
UT_CM_CablePedestal
0 / 0
21 / Cell

USE FEATURE DEFINITION: Point\Utilities\Communication\CablePedestal

CablePedestalNew
UT_CM_CablePedestalNew
0 / 0
5 / Cell

USE FEATURE DEFINITION: Point\Utilities\Communication\CablePedestalNew

CommunicationAntenna
UT_CM_CommunicationAntenna
1 / 0
21 / Cell

USE FEATURE DEFINITION: Point\Utilities\Communication\CommunicationAntenna

CommunicationHandHole
UT_CM_CommunicationHandHole
0 / 0
21 / Cell

USE FEATURE DEFINITION: Point\Utilities\Communication\CommunicationHandHole

CommunicationHandHoleNew
UT_CM_CommunicationHandHoleNew
1 / 0
5 / Cell

USE FEATURE DEFINITION: Point\Utilities\Communication\CommunicationHandHoleNew

CommunicationMonopole
UT_CM_CommunicationMonopole
1 / 0
21 / Cell

USE FEATURE DEFINITION: Point\Utilities\Communication\CommunicationMonopole

S5.05 Standard Symbols (cont.)

Examples are shown at the correct size for all drawing scales printed to 11"x17" PS&E sheet, unless otherwise noted. Items flagged with an asterisk (*) are True Size items that always measure the same in ground units and their size on a print changes with the drawing scale. The scales of the True Size item examples are noted. Where noted, use the Feature Definition rather than Element Template to place feature.

Utilities - Communication

Element Template (Level Name)	ByLevel Weight | ByLevel Style byLevel Color | Element Type	Example
CommunicationPedestal UT_CM_CommunicationPedestal USE FEATURE DEFINITION: Point\Utilities\Communication\CommunicationPedestal	0 | 0 21 | Cell	
CommunicationPedestalNew UT_CM_CommunicationPedestalNew	0 | 0 5 | Cell	
CommunicationPullBox UT_CM_CommunicationPullBox USE FEATURE DEFINITION: Point\Utilities\Communication\CommunicationPullBox	0 | 0 21 | Cell	
CommunicationPullBoxNew UT_CM_CommunicationPullBoxNew USE FEATURE DEFINITION: Point\Utilities\Communication\CommunicationPullBoxNew	1 | 0 5 | Cell	
DummyNode_Communication UT_CM_DummyNode USE FEATURE DEFINITION: Point\Utilities\Communication\DummyNode_Communication	0 | 0 21 | Cell	
Manhole UT_CM_Manhole USE FEATURE DEFINITION: Point\Drainage\Structures\Manhole	0 | 0 117 | Cell	
ManholeNew UT_CM_ManholeNew USE FEATURE DEFINITION: Point\Drainage\Structures\ManholeNew	1 | 0 101 | Cell	

S5.05 Standard Symbols (cont.)

Examples are shown at the correct size for all drawing scales printed to 11"x17" PS&E sheet, unless otherwise noted. Items flagged with an asterisk (*) are True Size items that always measure the same in ground units and their size on a print changes with the drawing scale. The scales of the True Size item examples are noted. Where noted, use the Feature Definition rather than Element Template to place feature.

Utilities - Communication

Element Template (Level Name)	ByLevel Weight | ByLevel Style byLevel Color | Element Type	Example
SteelTransmissionTower UT_CM_SteelTransmissionTower USE FEATURE DEFINITION: Point\Utilities\Communication\SteelTransmissionTower	1 | 0 21 | Cell	
TelephoneBooth UT_CM_TelephoneBooth USE FEATURE DEFINITION: Point\Utilities\Communication\TelephoneBooth	0 | 0 21 | Cell	
TelephoneBoothNew UT_CM_TelephoneBoothNew USE FEATURE DEFINITION: Point\Utilities\Communication\TelephoneBoothNew	1 | 0 5 | Cell	
TelephoneBox UT_CM_TelephoneBox USE FEATURE DEFINITION: Point\Utilities\Communication\TelephoneBox	0 | 0 21 | Cell	
TelephoneBoxNew UT_CM_TelephoneBoxNew USE FEATURE DEFINITION: Point\Utilities\Communication\TelephoneBoxNew	1 | 0 5 | Cell	
TelephoneManhole UT_CM_TelephoneManhole USE FEATURE DEFINITION: Point\Utilities\Communication\TelephoneManhole	0 | 0 21 | Cell	
TelephoneManholeNew UT_CM_TelephoneManholeNew USE FEATURE DEFINITION: Point\Utilities\Communication\TelephoneManholeNew	1 | 0 5 | Cell	

S5.05 Standard Symbols (cont.)

Examples are shown at the correct size for all drawing scales printed to 11"x17" PS&E sheet, unless otherwise noted. Items flagged with an asterisk (*) are True Size items that always measure the same in ground units and their size on a print changes with the drawing scale. The scales of the True Size item examples are noted. Where noted, use the Feature Definition rather than Element Template to place feature.

Utilities - Communication

Element Template (Level Name)	ByLevel Weight | ByLevel Style byLevel Color | Element Type	Example
TelephonePedestal UT_CM_TelephonePedestal USE FEATURE DEFINITION: Point\Utilities\Communication\TelephonePedestal	0 | 0 21 | Cell	
TelephonePedestalNew UT_CM_TelephonePedestalNew USE FEATURE DEFINITION: Point\Utilities\Communication\TelephonePedestalNew	0 | 0 5 | Cell	
TelephonePole UT_CM_TelephonePole USE FEATURE DEFINITION: Point\Utilities\Communication\TelephonePole	0 | 0 21 | Cell	
TelephonePoleNew UT_CM_TelephonePoleNew USE FEATURE DEFINITION: Point\Utilities\Communication\TelephonePoleNew	1 | 0 5 | Cell	
UndGndCableBox UT_CM_UndGndCableBox USE FEATURE DEFINITION: Point\Utilities\Communication\UndGndCableBox	0 | 0 21 | Cell	
UndGndCableBoxNew UT_CM_UndGndCableBoxNew USE FEATURE DEFINITION: Point\Utilities\Communication\UndGndCableBoxNew	1 | 0 5 | Cell	
UndGndCableTV UT_CM_UndGndCableTV USE FEATURE DEFINITION: Linear\Utilities\Communication\UndGndCableTV	0 | UT_CM_UndGndCableTV 21 | Linear	

S5.05 Standard Symbols (cont.)

Examples are shown at the correct size for all drawing scales printed to 11"x17" PS&E sheet, unless otherwise noted. Items flagged with an asterisk (*) are True Size items that always measure the same in ground units and their size on a print changes with the drawing scale. The scales of the True Size item examples are noted. Where noted, use the Feature Definition rather than Element Template to place feature.

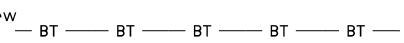
Utilities - Communication

Element Template (Level Name)	ByLevel Weight | ByLevel Style byLevel Color | Element Type	Example
UndGndCableTVDeactive UT_CM_UndGndCableTVDeactive USE FEATURE DEFINITION: Linear\Utilities\Communication\UndGndCableTVDeactive	0 | UT_CM_UndGndCableTVDeactive 21 | Linear	
UndGndCableTVNew UT_CM_UndGndCableTVNew USE FEATURE DEFINITION: Linear\Utilities\Communication\UndGndCableTVNew	0 | UT_CM_UndGndCableTVNew 5 | Linear	
UndGndCommLine UT_CM_UndGndCommLine USE FEATURE DEFINITION: Linear\Utilities\Communication\UndGndCommLine	0 | UT_CM_UndGndCommLine 21 | Linear	
UndGndCommLineNew UT_CM_UndGndCommLineNew USE FEATURE DEFINITION: Linear\Utilities\Communication\UndGndCommLineNew	0 | UT_CM_UndGndCommLineNew 5 | Linear	
UndGndCommunicationVault UT_CM_UndGndCommunicationVault USE FEATURE DEFINITION: Point\Utilities\Communication\UndGndCommunicationVault	0 | 0 21 | Cell	
UndGndCommunicatVaultNew UT_CM_UndGndCommunicatVaultNew USE FEATURE DEFINITION: Point\Utilities\Communication\UndGndCommunicatVaultNew	1 | 0 5 | Cell	
UndGndFiberOptic UT_CM_UndGndFiberOptic USE FEATURE DEFINITION: Linear\Utilities\Communication\UndGndFiberOptic	0 | UT_CM_UndGndFiberOptic 21 | Linear	

S5.05 Standard Symbols (cont.)

Examples are shown at the correct size for all drawing scales printed to 11"x17" PS&E sheet, unless otherwise noted. Items flagged with an asterisk (*) are True Size items that always measure the same in ground units and their size on a print changes with the drawing scale. The scales of the True Size item examples are noted. Where noted, use the Feature Definition rather than Element Template to place feature.

Utilities - Communication

Element Template (Level Name)	ByLevel Weight | ByLevel Style / byLevel Color | Element Type	Example
UndGndFiberOpticDeactive UT_CM_UndGndFiberOpticDeactive USE FEATURE DEFINITION: Linear\Utilities\Communication\UndGndFiberOpticDeactive	0 | UT_CM_UndGndFiberOpticDeactive 21 | Linear	
UndGndFiberOpticNew UT_CM_UndGndFiberOpticNew USE FEATURE DEFINITION: Linear\Utilities\Communication\UndGndFiberOpticNew	0 | UT_CM_UndGndFiberOpticNew 5 | Linear	
UndGndTelephoneBox UT_CM_UndGndTelephoneBox USE FEATURE DEFINITION: Point\Utilities\Communication\UndGndTelephoneBox	0 | 0 21 | Cell	
UndGndTelephoneBoxNew UT_CM_UndGndTelephoneBoxNew USE FEATURE DEFINITION: Point\Utilities\Communication\UndGndTelephoneBoxNew	1 | 0 5 | Cell	
UndGndTelephoneCable UT_CM_UndGndTelephoneCable USE FEATURE DEFINITION: Linear\Utilities\Communication\UndGndTelephoneCable	0 | UT_CM_UndGndTelephoneCable 21 | Linear	
UndGndTelephoneCableNew UT_CM_UndGndTelephoneCableNew USE FEATURE DEFINITION: Linear\Utilities\Communication\UndGndTelephoneCableNew	0 | UT_CM_UndGndTelephoneCableNew 5 | Linear	
UndGndTelephoneDeactive UT_CM_UndGndTelephoneDeactive USE FEATURE DEFINITION: Linear\Utilities\Communication\UndGndTelephoneDeactive	0 | UT_CM_UndGndTelephoneDeactive 21 | Linear	

S5.05 Standard Symbols (cont.)

Examples are shown at the correct size for all drawing scales printed to 11"x17" PS&E sheet, unless otherwise noted. Items flagged with an asterisk (*) are True Size items that always measure the same in ground units and their size on a print changes with the drawing scale. The scales of the True Size item examples are noted. Where noted, use the Feature Definition rather than Element Template to place feature.

Utilities - Communication

Element Template (Level Name)	ByLevel Weight | ByLevel Style byLevel Color | Element Type	Example
UnknownPedestal UT_CM_UnknownPedestal USE FEATURE DEFINITION: Point\Utilities\Communication\UnknownPedestal	0 | 0 21 | Cell	
WoodenTransmissionTower UT_CM_WoodenTransmissionTower USE FEATURE DEFINITION: Point\Utilities\Communication\WoodenTransmissionTower	1 | 0 21 | Cell	

S5.05 Standard Symbols (cont.)

Examples are shown at the correct size for all drawing scales printed to 11"x17" PS&E sheet, unless otherwise noted. Items flagged with an asterisk (*) are True Size items that always measure the same in ground units and their size on a print changes with the drawing scale. The scales of the True Size item examples are noted. Where noted, use the Feature Definition rather than Element Template to place feature.

Utilities - Communication - Profile

Element Template (Level Name)	ByLevel Weight | ByLevel Style byLevel Color | Element Type	Example
UndGndCableTVDeactiveProfile UT_CM_UndGndCableTVDeactive	0 | UT_CM_UndGndCableTVDeactive 21 | Linear	
UndGndCableTVNewProfile UT_CM_UndGndCableTVNew	0 | UT_CM_UndGndCableTVNew 5 | Linear	
UndGndCableTVProfile UT_CM_UndGndCableTV	0 | UT_CM_UndGndCableTV 21 | Linear	
UndGndCommLineNewProfile UT_CM_UndGndCommLineNew	0 | UT_CM_UndGndCommLineNew 5 | Linear	
UndGndCommLineProfile UT_CM_UndGndCommLine	0 | UT_CM_UndGndCommLine 21 | Linear	
UndGndFiberOpticDeactiveProfile UT_CM_UndGndFiberOpticDeactive	0 | UT_CM_UndGndFiberOpticDeactive 21 | Linear	
UndGndFiberOpticNewProfile UT_CM_UndGndFiberOpticNew	0 | UT_CM_UndGndFiberOpticNew 5 | Linear	

S5.05 Standard Symbols (cont.)

Examples are shown at the correct size for all drawing scales printed to 11"x17" PS&E sheet, unless otherwise noted. Items flagged with an asterisk (*) are True Size items that always measure the same in ground units and their size on a print changes with the drawing scale. The scales of the True Size item examples are noted. Where noted, use the Feature Definition rather than Element Template to place feature.

Utilities - Communication - Profile

Element Template (Level Name)	ByLevel Weight | ByLevel Style byLevel Color | Element Type	Example
UndGndFiberOpticProfile UT_CM_UndGndFiberOptic	0 | UT_CM_UndGndFiberOptic 21 | Linear	
UndGndTelephoneCableNewProfile UT_CM_UndGndTelephoneCableNew	0 | UT_CM_UndGndTelephoneCableNew 5 | Linear	
UndGndTelephoneCableProfile UT_CM_UndGndTelephoneCable	0 | UT_CM_UndGndTelephoneCable 21 | Linear	
UndGndTelephoneDeactiveProfile UT_CM_UndGndTelephoneDeactive	0 | UT_CM_UndGndTelephoneDeactive 21 | Linear	

S5.05 Standard Symbols (cont.)

Examples are shown at the correct size for all drawing scales printed to 11"x17" PS&E sheet, unless otherwise noted. Items flagged with an asterisk (*) are True Size items that always measure the same in ground units and their size on a print changes with the drawing scale. The scales of the True Size item examples are noted. Where noted, use the Feature Definition rather than Element Template to place feature.

Utilities - Gas

Element Template (Level Name)	ByLevel Weight | ByLevel Style byLevel Color | Element Type	Example
DummyNode_Gas UT_GS_DummyNode USE FEATURE DEFINITION: Point\Utilities\Gas\DummyNode_Gas	0 | 0 182 | Cell	⊗
GasLine UT_GS_GasLine USE FEATURE DEFINITION: Linear\Utilities\Gas\GasLine	0 | UT_GS_GasLine 53 | Linear	— G — — G — — G — — G — — G —
GasLineDeactive UT_GS_GasLineDeactive USE FEATURE DEFINITION: Linear\Utilities\Gas\GasLineDeactive	0 | UT_GS_GasLineDeactive 53 | Linear	— G — — G — — G — — G — — G —
GasLineNew UT_GS_GasLineNew USE FEATURE DEFINITION: Linear\Utilities\Gas\GasLineNew	0 | UT_GS_GasLineNew 37 | Linear	— G —— G —— G —— G —— G —
GasMeterBox UT_GS_GasMeterBox USE FEATURE DEFINITION: Point\Utilities\Gas\GasMeterBox	0 | 0 53 | Cell	Ⓜ
GasMeterBoxNew UT_GS_GasMeterBoxNew USE FEATURE DEFINITION: Point\Utilities\Gas\GasMeterBoxNew	1 | 0 37 | Cell	Ⓜ
OilLine UT_GS_OilLine USE FEATURE DEFINITION: Linear\Utilities\Gas\OilLine	0 | UT_GS_OilLine 53 | Linear	— O — — O — — O — — O — — O —

S5.05 Standard Symbols (cont.)

Examples are shown at the correct size for all drawing scales printed to 11"x17" PS&E sheet, unless otherwise noted. Items flagged with an asterisk (*) are True Size items that always measure the same in ground units and their size on a print changes with the drawing scale. The scales of the True Size item examples are noted. Where noted, use the Feature Definition rather than Element Template to place feature.

Utilities - Gas

Element Template (Level Name)	ByLevel Weight | ByLevel Style byLevel Color | Element Type	Example
OilLineDeactive UT_GS_OilLineDeactive USE FEATURE DEFINITION: Linear\Utilities\Gas\OilLineDeactive	0 | UT_GS_OilLineDeactive 53 | Linear	
OilLineNew UT_GS_OilLineNew USE FEATURE DEFINITION: Linear\Utilities\Gas\OilLineNew	0 | UT_GS_OilLineNew 37 | Linear	
ValveBoxGas UT_GS_ValveBoxGas USE FEATURE DEFINITION: Point\Utilities\Gas\ValveBoxGas	0 | 0 53 | Cell	
ValveBoxGasNew UT_GS_ValveBoxGasNew USE FEATURE DEFINITION: Point\Utilities\Gas\ValveBoxGasNew	1 | 0 37 | Cell	

S5.05 Standard Symbols (cont.)

Examples are shown at the correct size for all drawing scales printed to 11"x17" PS&E sheet, unless otherwise noted. Items flagged with an asterisk (*) are True Size items that always measure the same in ground units and their size on a print changes with the drawing scale. The scales of the True Size item examples are noted. Where noted, use the Feature Definition rather than Element Template to place feature.

Utilities - Gas - Profile

Element Template (Level Name)	ByLevel Weight | ByLevel Style byLevel Color | Element Type	Example
GasLineDeactiveProfile UT_GS_GasLineDeactive	0 | UT_GS_GasLineDeactive 53 | Linear	
GasLineNewProfile UT_GS_GasLineNew	0 | UT_GS_GasLineNew 37 | Linear	
GasLineProfile UT_GS_GasLine	0 | UT_GS_GasLine 53 | Linear	
OilLineDeactiveProfile UT_GS_OilLineDeactive	0 | UT_GS_OilLineDeactive 53 | Linear	
OilLineNewProfile UT_GS_OilLineNew	0 | UT_GS_OilLineNew 37 | Linear	
OilLineProfile UT_GS_OilLine	0 | UT_GS_OilLine 53 | Linear	

S5.05 Standard Symbols (cont.)

Examples are shown at the correct size for all drawing scales printed to 11"x17" PS&E sheet, unless otherwise noted. Items flagged with an asterisk (*) are True Size items that always measure the same in ground units and their size on a print changes with the drawing scale. The scales of the True Size item examples are noted. Where noted, use the Feature Definition rather than Element Template to place feature.

Utilities - General Utility Items

Element Template (Level Name)	ByLevel Weight / ByLevel Style / byLevel Color / Element Type	Example
AboveGroundUtilityLine UT_GU_AboveGroundUtilityLine USE FEATURE DEFINITION: Linear\Utilities\General Utility Items\AboveGroundUtilityLine	0 / UT_GU_AboveGroundUtilityLine 21 / Linear	
AboveGroundUtilityPoint UT_GU_AboveGroundUtilityPoint USE FEATURE DEFINITION: Point\Utilities\General Utility Items\AboveGroundUtilityPoint	0 / 0 21 / Cell	
AboveGroundUtilityStructure UT_GU_AboveGroundUtilityStructure USE FEATURE DEFINITION: Linear\Utilities\General Utility Items\AboveGroundUtilityStructure	0 / 0 21 / Linear	
BusPedestal UT_GU_BusPedestal USE FEATURE DEFINITION: Point\Utilities\General Utility Items\BusPedestal	0 / 0 19 / Cell	
CenterOfStructure UT_GU_CenterOfStructure USE FEATURE DEFINITION: Point\Utilities\General Utility Items\CenterOfStructure	0 / 0 21 / Cell	
DownGuyAnchor UT_GU_DownGuyAnchor USE FEATURE DEFINITION: Point\Utilities\General Utility Items\DownGuyAnchor	0 / 0 21 / Cell	
DownGuyAnchorNew UT_GU_DownGuyAnchorNew USE FEATURE DEFINITION: Point\Utilities\General Utility Items\DownGuyAnchorNew	1 / 0 5 / Cell	

S5.05 Standard Symbols (cont.)

Examples are shown at the correct size for all drawing scales printed to 11"x17" PS&E sheet, unless otherwise noted. Items flagged with an asterisk (*) are True Size items that always measure the same in ground units and their size on a print changes with the drawing scale. The scales of the True Size item examples are noted. Where noted, use the Feature Definition rather than Element Template to place feature.

Utilities - General Utility Items

Element Template (Level Name)	ByLevel Weight | ByLevel Style byLevel Color | Element Type	Example
GuyPole UT_GU_GuyPole USE FEATURE DEFINITION: Point\Utilities\General Utility Items\GuyPole	0 | 0 21 | Cell	
GuyPoleNew UT_GU_GuyPoleNew USE FEATURE DEFINITION: Point\Utilities\General Utility Items\GuyPoleNew	1 | 0 5 | Cell	
GuyWire UT_GU_GuyWire USE FEATURE DEFINITION: Linear\Utilities\General Utility Items\GuyWire	0 | 0 21 | Linear	
GuyWireNew UT_GU_GuyWireNew USE FEATURE DEFINITION: Linear\Utilities\General Utility Items\GuyWireNew	1 | 0 5 | Linear	
PipeBraceAnchor UT_GU_PipeBraceAnchor USE FEATURE DEFINITION: Point\Utilities\General Utility Items\PipeBraceAnchor	0 | 0 0 | Cell	
PipeBraceAnchorNew UT_GU_PipeBraceAnchorNew USE FEATURE DEFINITION: Point\Utilities\General Utility Items\PipeBraceAnchorNew	1 | 0 0 | Cell	
PotholeLocation UT_GU_PotholeLocation USE FEATURE DEFINITION: Point\Utilities\General Utility Items\PotholeLocation	0 | 0 21 | Cell	

S5.05 Standard Symbols (cont.)

Examples are shown at the correct size for all drawing scales printed to 11"x17" PS&E sheet, unless otherwise noted. Items flagged with an asterisk (*) are True Size items that always measure the same in ground units and their size on a print changes with the drawing scale. The scales of the True Size item examples are noted. Where noted, use the Feature Definition rather than Element Template to place feature.

Utilities - General Utility Items

Element Template (Level Name) | ByLevel Weight / ByLevel Style / byLevel Color / Element Type | Example

SpanWire
UT_GU_SpanWire
0 | 0 / 21 | Linear

USE FEATURE DEFINITION: Linear\Utilities\General Utility Items\SpanWire

UnderGndUtilityLine
UT_GU_UnderGndUtilityLine
0 | 0 / 21 | Linear

USE FEATURE DEFINITION: Linear\Utilities\General Utility Items\UnderGndUtilityLine

UnderGndUtilityStructure
UT_GU_UnderGndUtilityStructure
0 | 0 / 21 | Linear

USE FEATURE DEFINITION: Linear\Utilities\General Utility Items\UnderGndUtilityStructure

UndGndUtilityLineDeactive
UT_GU_UndGndUtilityLineDeactive
0 | UT_GU_UndGndUtilityLineDeactive / 21 | Linear

USE FEATURE DEFINITION: Linear\Utilities\General Utility Items\UndGndUtilityLineDeactive

UtilityBox
UT_GU_UtilityBox
0 | 0 / 21 | Cell

USE FEATURE DEFINITION: Point\Utilities\General Utility Items\UtilityBox

UtilityBoxNew
UT_GU_UtilityBoxNew
1 | 0 / 5 | Cell

USE FEATURE DEFINITION: Point\Utilities\General Utility Items\UtilityBoxNew

UtilityManhole
UT_GU_UtilityManhole
0 | 0 / 21 | Cell

USE FEATURE DEFINITION: Point\Utilities\General Utility Items\UtilityManhole

S5.05 Standard Symbols (cont.)

Examples are shown at the correct size for all drawing scales printed to 11"x17" PS&E sheet, unless otherwise noted. Items flagged with an asterisk (*) are True Size items that always measure the same in ground units and their size on a print changes with the drawing scale. The scales of the True Size item examples are noted. Where noted, use the Feature Definition rather than Element Template to place feature.

Utilities - General Utility Items

Element Template (Level Name)	ByLevel Weight | ByLevel Style byLevel Color | Element Type	Example
UtilityManholeNew UT_GU_UtilityManholeNew USE FEATURE DEFINITION: Point\Utilities\General Utility Items\UtilityManholeNew	1 | 0 5 | Cell	
UtilityMarkerPost UT_GU_UtilityMarkerPost USE FEATURE DEFINITION: Point\Utilities\General Utility Items\UtilityMarkerPost	0 | 0 21 | Cell	
UtilityMarkerPostNew UT_GU_UtilityMarkerPostNew USE FEATURE DEFINITION: Point\Utilities\General Utility Items\UtilityMarkerPostNew	1 | 0 5 | Cell	
UtilityPole UT_GU_UtilityPole USE FEATURE DEFINITION: Point\Utilities\General Utility Items\UtilityPole	0 | 0 21 | Cell	
UtilityPoleNew UT_GU_UtilityPoleNew USE FEATURE DEFINITION: Point\Utilities\General Utility Items\UtilityPoleNew	1 | 0 5 | Cell	
UtilityVault UT_GU_UtilityVault USE FEATURE DEFINITION: Point\Utilities\General Utility Items\UtilityVault	0 | 0 21 | Cell	
UtilityVaultNew UT_GU_UtilityVaultNew USE FEATURE DEFINITION: Point\Utilities\General Utility Items\UtilityVaultNew	1 | 0 5 | Cell	

S5.05 Standard Symbols (cont.)

Examples are shown at the correct size for all drawing scales printed to 11"x17" PS&E sheet, unless otherwise noted. Items flagged with an asterisk (*) are True Size items that always measure the same in ground units and their size on a print changes with the drawing scale. The scales of the True Size item examples are noted. Where noted, use the Feature Definition rather than Element Template to place feature.

Utilities - General Utility Items

Element Template (Level Name)	ByLevel Weight | ByLevel Style byLevel Color | Element Type	Example
ValveBox UT_GU_ValveBox USE FEATURE DEFINITION: Point\Utilities\General Utility Items\ValveBox	0 | 0 21 | Cell	
ValveBoxNew UT_GU_ValveBoxNew USE FEATURE DEFINITION: Point\Utilities\General Utility Items\ValveBoxNew	1 | 0 5 | Cell	
Vent UT_GU_Vent USE FEATURE DEFINITION: Point\Utilities\General Utility Items\Vent	0 | 0 21 | Cell	

S5.05 Standard Symbols (cont.)

Examples are shown at the correct size for all drawing scales printed to 11"x17" PS&E sheet, unless otherwise noted. Items flagged with an asterisk (*) are True Size items that always measure the same in ground units and their size on a print changes with the drawing scale. The scales of the True Size item examples are noted. Where noted, use the Feature Definition rather than Element Template to place feature.

Utilities - Multiple Types

Element Template (Level Name)	ByLevel Weight | ByLevel Style byLevel Color | Element Type	Example
AbvGndUtilitiesMulti UT_MT_AbvGndUtilitiesMulti USE FEATURE DEFINITION: Linear\Utilities\Multiple Types\AbvGndUtilitiesMulti	0 | UT_MT_AbvGndUtilitiesMulti 149 | Linear	
AbvGndUtilitiesMultiNew UT_MT_AbvGndUtilitiesMultiNew USE FEATURE DEFINITION: Linear\Utilities\Multiple Types\AbvGndUtilitiesMultiNew	0 | UT_MT_AbvGndUtilitiesMultiNew 133 | Linear	
AbvGndUtilMultDeactive UT_MT_AbvGndUtilMultDeactive USE FEATURE DEFINITION: Linear\Utilities\Multiple Types\AbvGndUtilMultDeactive	0 | UT_MT_AbvGndUtilMultDeactive 149 | Linear	
UndGndUtilitiesMulti UT_MT_UndGndUtilitiesMulti USE FEATURE DEFINITION: Linear\Utilities\Multiple Types\UndGndUtilitiesMulti	0 | UT_MT_UndGndUtilitiesMulti 149 | Linear	
UndGndUtilitiesMultiNew UT_MT_UndGndUtilitiesMultiNew USE FEATURE DEFINITION: Linear\Utilities\Multiple Types\UndGndUtilitiesMultiNew	0 | UT_MT_UndGndUtilitiesMultiNew 133 | Linear	
UndGndUtilMultiDeactive UT_MT_UndGndUtilMultiDeactive USE FEATURE DEFINITION: 0	0 | 0 149 | Linear	
UtilitiesMultiTypes1 UT_MT_UtilitiesMultiTypes1 USE FEATURE DEFINITION: Linear\Utilities\Multiple Types\UtilitiesMultiTypes1	0 | UT_MT_UtilitiesMultiTypes1 149 | Linear	

S5.05 Standard Symbols (cont.)

Examples are shown at the correct size for all drawing scales printed to 11"x17" PS&E sheet, unless otherwise noted. Items flagged with an asterisk (*) are True Size items that always measure the same in ground units and their size on a print changes with the drawing scale. The scales of the True Size item examples are noted. Where noted, use the Feature Definition rather than Element Template to place feature.

Utilities - Multiple Types

Element Template (Level Name)	ByLevel Weight | ByLevel Style byLevel Color | Element Type	Example
UtilitiesMultiTypes2 UT_MT_UtilitiesMultiTypes2 USE FEATURE DEFINITION: Linear\Utilities\Multiple Types\UtilitiesMultiTypes2	0 | UT_MT_UtilitiesMultiTypes2 149 | Linear	— U2 — — U2 — — U2 — — U2 — — U2 —
UtilitiesMultiTypes3 UT_MT_UtilitiesMultiTypes3 USE FEATURE DEFINITION: Linear\Utilities\Multiple Types\UtilitiesMultiTypes3	0 | UT_MT_UtilitiesMultiTypes3 149 | Linear	— U3 — — U3 — — U3 — — U3 — — U3 —
UtilitiesMultiTypes4 UT_MT_UtilitiesMultiTypes4 USE FEATURE DEFINITION: Linear\Utilities\Multiple Types\UtilitiesMultiTypes4	0 | UT_MT_UtilitiesMultiTypes4 149 | Linear	— U4 — — U4 — — U4 — — U4 — — U4 —
UtilitiesMultiTypes5 UT_MT_UtilitiesMultiTypes5 USE FEATURE DEFINITION: Linear\Utilities\Multiple Types\UtilitiesMultiTypes5	0 | UT_MT_UtilitiesMultiTypes5 149 | Linear	— U5 — — U5 — — U5 — — U5 — — U5 —
UtilitiesMultiTypes6 UT_MT_UtilitiesMultiTypes6 USE FEATURE DEFINITION: Linear\Utilities\Multiple Types\UtilitiesMultiTypes6	0 | UT_MT_UtilitiesMultiTypes6 149 | Linear	— U6 — — U6 — — U6 — — U6 — — U6 —
UtilitiesMultiTypes7 UT_MT_UtilitiesMultiTypes7 USE FEATURE DEFINITION: Linear\Utilities\Multiple Types\UtilitiesMultiTypes7	0 | UT_MT_UtilitiesMultiTypes7 149 | Linear	— U7 — — U7 — — U7 — — U7 — — U7 —
UtilitiesMultiTypes8 UT_MT_UtilitiesMultiTypes8 USE FEATURE DEFINITION: Linear\Utilities\Multiple Types\UtilitiesMultiTypes8	0 | UT_MT_UtilitiesMultiTypes8 149 | Linear	— U8 — — U8 — — U8 — — U8 — — U8 —

S5.05 Standard Symbols (cont.)

Examples are shown at the correct size for all drawing scales printed to 11"x17" PS&E sheet, unless otherwise noted. Items flagged with an asterisk (*) are True Size items that always measure the same in ground units and their size on a print changes with the drawing scale. The scales of the True Size item examples are noted. Where noted, use the Feature Definition rather than Element Template to place feature.

Utilities - Multiple Types

Element Template (Level Name)	ByLevel Weight | ByLevel Style byLevel Color | Element Type	Example
UtilitiesMultiTypes9 UT_MT_UtilitiesMultiTypes9 USE FEATURE DEFINITION: Linear\Utilities\Multiple Types\UtilitiesMultiTypes9	0 | UT_MT_UtilitiesMultiTypes9 149 | Linear	

S5.05 Standard Symbols (cont.)

Examples are shown at the correct size for all drawing scales printed to 11"x17" PS&E sheet, unless otherwise noted. Items flagged with an asterisk (*) are True Size items that always measure the same in ground units and their size on a print changes with the drawing scale. The scales of the True Size item examples are noted. Where noted, use the Feature Definition rather than Element Template to place feature.

Utilities - Power

Element Template (Level Name)	ByLevel Weight | ByLevel Style byLevel Color | Element Type	Example
AbvGndHiTensPowerLine UT_PW_AbvGndHiTensPowerLine USE FEATURE DEFINITION: Linear\Utilities\Power\AbvGndHiTensPowerLine	0 | UT_PW_AbvGndHiTensPowerLine 117 | Linear	—OHP— —OHP— —OHP— —OHP— —OHP—
AbvGndHiTensPowerLineNew UT_PW_AbvGndHiTensPowerLineNew USE FEATURE DEFINITION: Linear\Utilities\Power\AbvGndHiTensPowerLineNew	0 | UT_PW_AbvGndHiTensPowerLineNew 101 | Linear	—OHP——OHP——OHP——OHP——OHP—
AbvGndPower UT_PW_AbvGndPower USE FEATURE DEFINITION: Linear\Utilities\Power\AbvGndPower	0 | UT_PW_AbvGndPower 117 | Linear	— OP — — OP — — OP — — OP — — OP —
AbvGndPowerNew UT_PW_AbvGndPowerNew USE FEATURE DEFINITION: Linear\Utilities\Power\AbvGndPowerNew	0 | UT_PW_AbvGndPowerNew 101 | Linear	— OP —— OP —— OP —— OP —— OP —
DummyNode_Power UT_PW_DummyNode USE FEATURE DEFINITION: Point\Utilities\Power\DummyNode_Power	0 | 0 117 | Cell	⊗
ElectBox UT_PW_ElectBox USE FEATURE DEFINITION: Point\Utilities\Power\ElectBox	0 | 0 117 | Cell	E
ElectBoxNew UT_PW_ElectBoxNew USE FEATURE DEFINITION: Point\Utilities\Power\ElectBoxNew	1 | 0 101 | Cell	E

S5.05 Standard Symbols (cont.)

Examples are shown at the correct size for all drawing scales printed to 11"x17" PS&E sheet, unless otherwise noted. Items flagged with an asterisk (*) are True Size items that always measure the same in ground units and their size on a print changes with the drawing scale. The scales of the True Size item examples are noted. Where noted, use the Feature Definition rather than Element Template to place feature.

Utilities - Power

Element Template (Level Name)	ByLevel Weight | ByLevel Style byLevel Color | Element Type	Example
EngineGenerator UT_PW_EngineGenerator USE FEATURE DEFINITION: Point\Utilities\Power\EngineGenerator	0 | 0 117 | Cell	
EngineGeneratorNew UT_PW_EngineGeneratorNew USE FEATURE DEFINITION: Point\Utilities\Power\EngineGeneratorNew	1 | 0 101 | Cell	
GroundRod UT_PW_GroundRod USE FEATURE DEFINITION: Point\Utilities\Power\GroundRod	3 | 0 117 | Cell	
PowerBox UT_PW_PowerBox USE FEATURE DEFINITION: Point\Utilities\Power\PowerBox	0 | 0 117 | Cell	
PowerBoxNew UT_PW_PowerBoxNew USE FEATURE DEFINITION: Point\Utilities\Power\PowerBoxNew	1 | 0 101 | Cell	
PowerHandHole UT_PW_PowerHandHole USE FEATURE DEFINITION: Point\Utilities\Power\PowerHandHole	0 | 0 117 | Cell	
PowerHandHoleNew UT_PW_PowerHandHoleNew USE FEATURE DEFINITION: Point\Utilities\Power\PowerHandHoleNew	1 | 0 101 | Cell	

S5.05 Standard Symbols (cont.)

Examples are shown at the correct size for all drawing scales printed to 11"x17" PS&E sheet, unless otherwise noted. Items flagged with an asterisk (*) are True Size items that always measure the same in ground units and their size on a print changes with the drawing scale. The scales of the True Size item examples are noted. Where noted, use the Feature Definition rather than Element Template to place feature.

Utilities - Power

Element Template (Level Name)	ByLevel Weight | ByLevel Style byLevel Color | Element Type	Example
PowerManhole UT_PW_PowerManhole USE FEATURE DEFINITION: Point\Utilities\Power\PowerManhole	0 | 0 117 | Cell	
PowerManholeNew UT_PW_PowerManholeNew USE FEATURE DEFINITION: Point\Utilities\Power\PowerManholeNew	1 | 0 101 | Cell	
PowerMeterBox UT_PW_PowerMeterBox USE FEATURE DEFINITION: Point\Utilities\Power\PowerMeterBox	0 | 0 117 | Cell	
PowerPole UT_PW_PowerPole USE FEATURE DEFINITION: Point\Utilities\Power\PowerPole	0 | 0 117 | Cell	
PowerPoleNew UT_PW_PowerPoleNew USE FEATURE DEFINITION: Point\Utilities\Power\PowerPoleNew	1 | 0 101 | Cell	
PowerPullBox UT_PW_PowerPullBox USE FEATURE DEFINITION: Point\Utilities\Power\PowerPullbox	0 | 0 117 | Cell	
PowerPullBoxNew UT_PW_PowerPullBoxNew USE FEATURE DEFINITION: Point\Utilities\Power\PowerPullboxNew	1 | 0 101 | Cell	

S5.05 Standard Symbols (cont.)

Examples are shown at the correct size for all drawing scales printed to 11"x17" PS&E sheet, unless otherwise noted. Items flagged with an asterisk (*) are True Size items that always measure the same in ground units and their size on a print changes with the drawing scale. The scales of the True Size item examples are noted. Where noted, use the Feature Definition rather than Element Template to place feature.

Utilities - Power

Element Template (Level Name)	ByLevel Weight | ByLevel Style / byLevel Color | Element Type	Example
SteamConduit UT_PW_SteamConduit USE FEATURE DEFINITION: Linear\Utilities\Power\SteamConduit	0 | 2 117 | Linear	
SteelTransmissionTower UT_PW_SteelTransmissionTower USE FEATURE DEFINITION: Point\Utilities\Communication\SteelTransmissionTower	1 | 2 117 | Cell	
SwitchGear UT_PW_SwitchGear USE FEATURE DEFINITION: Point\Utilities\Power\SwitchGear	0 | 0 117 | Cell	
SwitchGearNew UT_PW_SwitchGearNew USE FEATURE DEFINITION: Point\Utilities\Power\SwitchGearNew	1 | 0 101 | Cell	
Transformer UT_PW_Transformer USE FEATURE DEFINITION: Point\Traffic\Signals\Transformer	0 | 0 117 | Cell	
TransformerNew UT_PW_TransformerNew USE FEATURE DEFINITION: Point\Traffic\Signals\TransformerNew	1 | 0 101 | Cell	
UndGndPowerLine UT_PW_UndGndPowerLine USE FEATURE DEFINITION: Linear\Utilities\Power\UndGndPowerLine	0 | UT_PW_UndGndPowerLine 117 | Linear	

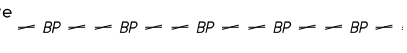
S5.05 Standard Symbols (cont.)

Examples are shown at the correct size for all drawing scales printed to 11"x17" PS&E sheet, unless otherwise noted. Items flagged with an asterisk (*) are True Size items that always measure the same in ground units and their size on a print changes with the drawing scale. The scales of the True Size item examples are noted. Where noted, use the Feature Definition rather than Element Template to place feature.

Utilities - Power

Element Template (Level Name) | ByLevel Weight / byLevel Color | ByLevel Style / Element Type | Example

UndGndPowerLineDeactive
UT_PW_UndGndPowerLineDeactive
0 | UT_PW_UndGndPowerLineDeactive
117 | Linear



USE FEATURE DEFINITION: Linear\Utilities\Power\UndGndPowerLineDeactive

UndGndPowerLineNew
UT_PW_UndGndPowerLineNew
0 | UT_PW_UndGndPowerLineNew
101 | Linear

USE FEATURE DEFINITION: Linear\Utilities\Power\UndGndPowerLineNew

UndGndPowerVault
UT_PW_UndGndPowerVault
0 | 0
117 | Cell



USE FEATURE DEFINITION: Point\Utilities\Power\UndGndPowerVault

UndGndPowerVaultNew
UT_PW_UndGndPowerVaultNew
1 | 0
101 | Cell



USE FEATURE DEFINITION: Point\Utilities\Power\UndGndPowerVaultNew

WoodenTransmissionTower
UT_PW_WoodenTransmissionTower
1 | 0
117 | Cell



USE FEATURE DEFINITION: Point\Utilities\Communication\WoodenTransmissionTower

S5.05 Standard Symbols (cont.)

Examples are shown at the correct size for all drawing scales printed to 11"x17" PS&E sheet, unless otherwise noted. Items flagged with an asterisk (*) are True Size items that always measure the same in ground units and their size on a print changes with the drawing scale. The scales of the True Size item examples are noted. Where noted, use the Feature Definition rather than Element Template to place feature.

Utilities - Power - Profile

Element Template (Level Name)	ByLevel Weight | ByLevel Style byLevel Color | Element Type	Example
UndGndPowerLineDeactiveProfile UT_PW_UndGndPowerLineDeactive	0 | UT_PW_UndGndPowerLineDeactive 117 | Linear	
UndGndPowerLineNewProfile UT_PW_UndGndPowerLineNew	0 | UT_PW_UndGndPowerLineNew 101 | Linear	
UndGndPowerLineProfile UT_PW_UndGndPowerLine	0 | UT_PW_UndGndPowerLine 117 | Linear	

S5.05 Standard Symbols (cont.)

Examples are shown at the correct size for all drawing scales printed to 11"x17" PS&E sheet, unless otherwise noted. Items flagged with an asterisk (*) are True Size items that always measure the same in ground units and their size on a print changes with the drawing scale. The scales of the True Size item examples are noted. Where noted, use the Feature Definition rather than Element Template to place feature.

Utilities - Sanitary Sewer

Element Template (Level Name)	ByLevel Weight | ByLevel Style / byLevel Color | Element Type	Example
Drainfield UT_SS_Drainfield USE FEATURE DEFINITION: Linear\Utilities\Sanitary Sewer\Drainfield	1 | 3 149 | Linear	
DrainfieldDeactive UT_SS_DrainfieldDeactive USE FEATURE DEFINITION: Linear\Utilities\Sanitary Sewer\DrainfieldDeactive	1 | UT_SS_DrainfieldDeactive 149 | Linear	
DrainfieldNew UT_SS_DrainfieldNew USE FEATURE DEFINITION: Linear\Utilities\Sanitary Sewer\DrainfieldNew	3 | 0 133 | Linear	
DummyNode_Power UT_SS_DummyNode USE FEATURE DEFINITION: Point\Utilities\Power\DummyNode_Power	0 | 0 149 | Cell	
FlowlinePoint UT_SS_FlowlinePoint USE FEATURE DEFINITION: Point\Utilities\Sanitary Sewer\FlowlinePoint	0 | 0 149 | Cell	
SanSewerCleanOut UT_SS_SanSewerCleanOut USE FEATURE DEFINITION: Point\Utilities\Sanitary Sewer\SanSewerCleanOut	0 | 0 149 | Cell	
SanSewerLine UT_SS_SanSewerLine USE FEATURE DEFINITION: Linear\Utilities\Sanitary Sewer\SanSewerLine	0 | UT_SS_SanSewerLine 149 | Linear	

S5.05 Standard Symbols (cont.)

Examples are shown at the correct size for all drawing scales printed to 11"x17" PS&E sheet, unless otherwise noted. Items flagged with an asterisk (*) are True Size items that always measure the same in ground units and their size on a print changes with the drawing scale. The scales of the True Size item examples are noted. Where noted, use the Feature Definition rather than Element Template to place feature.

Utilities - Sanitary Sewer

Element Template (Level Name)	ByLevel Weight | ByLevel Style byLevel Color | Element Type	Example
SanSewerLineDeactive UT_SS_SanSewerLineDeactive USE FEATURE DEFINITION: Linear\Utilities\Sanitary Sewer\SanSewerLineDeactive	0 | UT_SS_SanSewerLineDeactive 149 | Linear	
SanSewerLineNew UT_SS_SanSewerLineNew USE FEATURE DEFINITION: Linear\Utilities\Sanitary Sewer\SanSewerLineNew	0 | UT_SS_SanSewerLineNew 133 | Linear	
SanSewerManhole UT_SS_SanSewerManhole USE FEATURE DEFINITION: Point\Utilities\Sanitary Sewer\SanSewerManhole	0 | 0 149 | Cell	
SanSewerManholeNew UT_SS_SanSewerManholeNew USE FEATURE DEFINITION: Point\Utilities\Sanitary Sewer\SanSewerManholeNew	1 | 0 133 | Cell	
ValveBoxSanSewer UT_SS_ValveBoxSanSewer USE FEATURE DEFINITION: Point\Utilities\Sanitary Sewer\ValveBoxSanSewer	0 | 0 149 | Cell	
ValveBoxSanSewerNew UT_SS_ValveBoxSanSewerNew USE FEATURE DEFINITION: Point\Utilities\Sanitary Sewer\ValveBoxSanSewerNew	1 | 0 133 | Cell	

S5.05 Standard Symbols (cont.)

Examples are shown at the correct size for all drawing scales printed to 11"x17" PS&E sheet, unless otherwise noted. Items flagged with an asterisk (*) are True Size items that always measure the same in ground units and their size on a print changes with the drawing scale. The scales of the True Size item examples are noted. Where noted, use the Feature Definition rather than Element Template to place feature.

Utilities - Sanitary Sewer - Profile

Element Template (Level Name)	ByLevel Weight | ByLevel Style byLevel Color | Element Type	Example
SanSewerLineDeactiveProfile UT_SS_SanSewerLineDeactive	0 | UT_SS_SanSewerLineDeactive 149 | Linear	
SanSewerLineNewProfile UT_SS_SanSewerLineNew	0 | UT_SS_SanSewerLineNew 133 | Linear	
SanSewerLineProfile UT_SS_SanSewerLine	0 | UT_SS_SanSewerLine 149 | Linear	

S5.05 Standard Symbols (cont.)

Examples are shown at the correct size for all drawing scales printed to 11"x17" PS&E sheet, unless otherwise noted. Items flagged with an asterisk (*) are True Size items that always measure the same in ground units and their size on a print changes with the drawing scale. The scales of the True Size item examples are noted. Where noted, use the Feature Definition rather than Element Template to place feature.

Utilities - Text

Element Template (Level Name)	ByLevel Weight | ByLevel Style byLevel Color | Element Type	Example
CommunicationUtilText UT_CM_CommunicationUtilText USE FEATURE DEFINITION: 0 Text Style: 07-Ital Text Font: WSDOT CAE Text Size: 0.005833	0 | 0 21 | Text	*UTILITIES*
CommunicationUtilTextNew UT_CM_CommunicationUtilTextNew USE FEATURE DEFINITION: 0 Text Style: 07-Bold Text Font: WSDOT CAE Text Size: 0.005833	0 | 0 5 | Text	**UTILITIES**
GasUtilitiesText UT_GS_GasUtilitiesText USE FEATURE DEFINITION: 0 Text Style: 07-Ital Text Font: WSDOT CAE Text Size: 0.005833	0 | 0 53 | Text	*UTILITIES*
GasUtilitiesTextNew UT_GS_GasUtilitiesTextNew USE FEATURE DEFINITION: 0 Text Style: 07-Bold Text Font: WSDOT CAE Text Size: 0.005833	0 | 0 37 | Text	**UTILITIES**
GeneralUtilitiesText UT_GU_GeneralUtilitiesText USE FEATURE DEFINITION: 0 Text Style: 07-Ital Text Font: WSDOT CAE Text Size: 0.005833	0 | 0 21 | Text	*UTILITIES*
GeneralUtilitiesTextNew UT_GU_GeneralUtilitiesTextNew USE FEATURE DEFINITION: 0 Text Style: 07-Bold Text Font: WSDOT CAE Text Size: 0.005833	0 | 0 5 | Text	**MULTIPLE UTILITIES**
MultiUtilitiesText UT_MT_MultiUtilitiesText USE FEATURE DEFINITION: 0 Text Style: 07-Ital Text Font: WSDOT CAE Text Size: 0.005833	0 | 0 149 | Text	*MULTIPLE UTILITIES*

S5.05 Standard Symbols (cont.)

Examples are shown at the correct size for all drawing scales printed to 11"x17" PS&E sheet, unless otherwise noted. Items flagged with an asterisk (*) are True Size items that always measure the same in ground units and their size on a print changes with the drawing scale. The scales of the True Size item examples are noted. Where noted, use the Feature Definition rather than Element Template to place feature.

Utilities - Text

Element Template (Level Name)	ByLevel Weight | ByLevel Style byLevel Color | Element Type	Example
MultiUtilitiesTextNew UT_MT_MultiUtilitiesTextNew USE FEATURE DEFINITION: 0 Text Style: 07-Bold Text Font: WSDOT CAE Text Size: 0.005833	0 | 0 133 | Text	**UTILITIES**
PowerUtilitiesText UT_PW_PowerUtilitiesText USE FEATURE DEFINITION: 0 Text Style: 07-Ital Text Font: WSDOT CAE Text Size: 0.005833	0 | 0 117 | Text	*POWER UTILITIES*
PowerUtilitiesTextNew UT_PW_PowerUtilitiesTextNew USE FEATURE DEFINITION: 0 Text Style: 07-Bold Text Font: WSDOT CAE Text Size: 0.005833	0 | 0 101 | Text	**POWER UTILITIES**
SanSewerUtilitiesText UT_SS_SanSewerUtilitiesText USE FEATURE DEFINITION: 0 Text Style: 07-Ital Text Font: WSDOT CAE Text Size: 0.005833	0 | 0 149 | Text	*SANITARY SEWER UTILITIES*
SanSewerUtilitiesTextNew UT_SS_SanSewerUtilitiesTextNew USE FEATURE DEFINITION: 0 Text Style: 07-Bold Text Font: WSDOT CAE Text Size: 0.005833	0 | 0 133 | Text	**SANITARY SEWER UTILITIES**
WaterUtilitiesText UT_WT_WaterUtilitiesText USE FEATURE DEFINITION: 0 Text Style: 07-Ital Text Font: WSDOT CAE Text Size: 0.005833	0 | 0 85 | Text	*WATER UTILITIES*
WaterUtilitiesTextNew UT_WT_WaterUtilitiesTextNew USE FEATURE DEFINITION: 0 Text Style: 07-Bold Text Font: WSDOT CAE Text Size: 0.005833	0 | 0 69 | Text	**WATER UTILITIES**

S5.05 Standard Symbols (cont.)

Examples are shown at the correct size for all drawing scales printed to 11"x17" PS&E sheet, unless otherwise noted. Items flagged with an asterisk (*) are True Size items that always measure the same in ground units and their size on a print changes with the drawing scale. The scales of the True Size item examples are noted. Where noted, use the Feature Definition rather than Element Template to place feature.

Utilities - Water

Element Template (Level Name)	ByLevel Weight | ByLevel Style byLevel Color | Element Type	Example
DummyNode_Water UT_WT_DummyNode USE FEATURE DEFINITION: 0	0 | 0 182 | Cell	
FireDeptConnPost UT_WT_FireDeptConnPost USE FEATURE DEFINITION: Point\Utilities\Water\FireDeptConnPost	0 | 0 85 | Cell	
FireDeptConnWall UT_WT_FireDeptConnWall USE FEATURE DEFINITION: Point\Utilities\Water\FireDeptConnWall	0 | 0 85 | Cell	
FireHydrant UT_WT_FireHydrant USE FEATURE DEFINITION: Point\Utilities\Water\FireHydrant	0 | 0 85 | Cell	
FireHydrantNew UT_WT_FireHydrantNew USE FEATURE DEFINITION: Point\Utilities\Water\FireHydrantNew	1 | 0 69 | Cell	
UndGndTank UT_WT_UndGndTank USE FEATURE DEFINITION: Point\Utilities\Water\UndGndTank	0 | 0 85 | Cell	
UndGndWaterVault UT_WT_UndGndWaterVault USE FEATURE DEFINITION: Point\Utilities\Water\UndGndWaterVault	0 | 0 85 | Cell	

S5.05 Standard Symbols (cont.)

Examples are shown at the correct size for all drawing scales printed to 11"x17" PS&E sheet, unless otherwise noted. Items flagged with an asterisk (*) are True Size items that always measure the same in ground units and their size on a print changes with the drawing scale. The scales of the True Size item examples are noted. Where noted, use the Feature Definition rather than Element Template to place feature.

Utilities - Water

Element Template (Level Name)	ByLevel Weight | ByLevel Style / byLevel Color | Element Type	Example
UndGndWaterVaultNew UT_WT_UndGndWaterVaultNew USE FEATURE DEFINITION: Point\Utilities\Water\UndGndWaterVaultNew	1 | 0 69 | Cell	
ValveBoxWater UT_WT_ValveBoxWater USE FEATURE DEFINITION: Point\Utilities\Water\ValveBoxWater	0 | 0 85 | Cell	
ValveBoxWaterNew UT_WT_ValveBoxWaterNew USE FEATURE DEFINITION: Point\Utilities\Water\ValveBoxWaterNew	1 | 0 69 | Cell	
ValveRelease UT_WT_ValveRelease USE FEATURE DEFINITION: Point\Utilities\Water\ValveRelease	0 | 0 85 | Cell	
WaterLine UT_WT_WaterLine USE FEATURE DEFINITION: Linear\Utilities\Water\WaterLine	0 | UT_WT_WaterLine 85 | Linear	
WaterLineDeactive UT_WT_WaterLineDeactive USE FEATURE DEFINITION: Linear\Utilities\Water\WaterLineDeactive	0 | UT_WT_WaterLineDeactive 85 | Linear	
WaterLineNew UT_WT_WaterLineNew USE FEATURE DEFINITION: Linear\Utilities\Water\WaterLineNew	0 | UT_WT_WaterLineNew 69 | Linear	

S5.05 Standard Symbols (cont.)

Examples are shown at the correct size for all drawing scales printed to 11"x17" PS&E sheet, unless otherwise noted. Items flagged with an asterisk (*) are True Size items that always measure the same in ground units and their size on a print changes with the drawing scale. The scales of the True Size item examples are noted. Where noted, use the Feature Definition rather than Element Template to place feature.

Utilities - Water

Element Template (Level Name)	ByLevel Weight | ByLevel Style / byLevel Color | Element Type	Example
WaterManhole UT_WT_WaterManhole USE FEATURE DEFINITION: Point\Utilities\Water\WaterManhole	0 | 0 85 | Cell	
WaterManholeNew UT_WT_WaterManholeNew USE FEATURE DEFINITION: Point\Utilities\Water\WaterManholeNew	1 | 0 69 | Cell	
WaterMeterBox UT_WT_WaterMeterBox USE FEATURE DEFINITION: Point\Utilities\Water\WaterMeterBox	0 | 0 85 | Cell	
WaterMeterBoxNew UT_WT_WaterMeterBoxNew USE FEATURE DEFINITION: Point\Utilities\Water\WaterMeterBoxNew	1 | 0 69 | Cell	

S5.05 Standard Symbols (cont.)

Examples are shown at the correct size for all drawing scales printed to 11"x17" PS&E sheet, unless otherwise noted. Items flagged with an asterisk (*) are True Size items that always measure the same in ground units and their size on a print changes with the drawing scale. The scales of the True Size item examples are noted. Where noted, use the Feature Definition rather than Element Template to place feature.

Utilities - Water - Profile

Element Template (Level Name)	ByLevel Weight | ByLevel Style byLevel Color | Element Type	Example
WaterLineDeactiveProfile UT_WT_WaterLineDeactive	0 | UT_WT_WaterLineDeactive 85 | Linear	
WaterLineNewProfile UT_WT_WaterLineNew	0 | UT_WT_WaterLineNew 69 | Linear	
WaterLineProfile UT_WT_WaterLine	0 | UT_WT_WaterLine 85 | Linear	