

# 2011 – 2013 Master Deliverable List

# MDL Purpose and Definitions

## Purpose:

The Master Deliverable List (MDL) is a comprehensive listing of project elements that is agreed to by all regions. The MDL is organized in project phases and listed down to the deliverables level. It provides consistently applied names of the deliverables. The categories and deliverables are consistently named across the state, providing efficiency for the staff and accountability to the public.

## Deliverable:

A deliverable is a term used in project management to describe a tangible object produced as a result of the project that is intended to be delivered to a customer (either internal or external). A deliverable could be a report, a document, a permit or any other building block of an overall project. A deliverable may be composed of multiple smaller deliverables. It may be either an outcome to be achieved or a product to be provided.

## Milestone:

A project milestone is a significant point or event in the project.

Example of project milestones: Project Definition Complete; Begin Preliminary Engineering; Environmental Documentation Complete; Right of Way Certification and Ad Date.

## Header:

Information placed at the top of a group of deliverables for identification. Can be used on the development of your work breakdown structure.

## How to use the MDL:

Using the headers from the MDL can help establish the projects' Work Breakdown Structure (WBS) thus allowing for a uniform naming convention for the WBS. Add the appropriate deliverable or deliverables from the MDL under the proper WBS.

Create an activity list that depicts the work required to complete the deliverable with the appropriate relationship between each activity. The schedule creator has the flexibility to name and number the activities that best describe the work to achieve the deliverable because of this flexibility the MDL activity code is required on all schedule activities.

The purpose of this activity code is to group and sort the activities that are associated to a deliverable.

Figure 1: Shows the WBS structure with various activities.

Preliminary Engineering	
General Project Management & Overhead - Preliminary Engineering	
Begin Preliminary Engineering	
0015	Begin Preliminary Engineering
Project Management and Overhead	
0010	Project Management & Overhead - Preliminary Engineering
0025	General Project Management (Project Office)
0115	Other Work for Management and Overhead
0117	Environmental Overhead
A1050	Redistributed PE Project Management and Overhead (HQ & Region)
Project Management Plan Development & Maintenance	
Other Work for Management and Overhead	

New MDL Code	New MDL Name	Description new (in Notebook topic)	Work Op (rev)	Classification
PE	Preliminary Engineering	Preliminary Engineering	N/R	Header
PE.PM	Project Management & Overhead - Preliminary Engineering	See Project Management On-line Guide (PMOG) <a href="http://www.wsdot.wa.gov/Projects/ProjectMgmt/">http://www.wsdot.wa.gov/Projects/ProjectMgmt/</a>	N/R	Header
PE.PM.01	Begin Preliminary Engineering	<b>PERFORMANCE REPORTING MAJOR MILESTONE</b> - This Milestone marks the start of the project design process. It is usually the first capital spending activity in the project delivery process and is considered accomplished when the PE Work Order is authorized.	N/R	Milestone
PE.PM.02	Project Management and Overhead	Work directly by the project management team to manage the project and also indirect overhead work in support of the project .	N/R	Header
PE.PM.02.01	General Project Management (Project Office)	Work in support of a preliminary engineering work order, including PE and R/W work order authorization, supervision, general office operation, correspondence, filing, equipment and office maintenance, computer charges, on job instruction, and conferences (i.e. meeting with Local Agency, etc.)	101, 102, 103	Deliverable
PE.PM.02.02	Redistributed PE Project Management and Overhead (HQ & Region)	Redistributed HQ and regional IR Work Order overhead charges for preliminary engineering.	A716	Deliverable
PE.PM.03	Project Management Plan Development & Maintenance	The Project Management Plan describes both the Project Performance Baseline for the project deliverables and the schedule and budget/cost plans for delivering them, and the Project Management Methods that will be used by the Project Team during their delivery. This item is for such work as is charged to the PE phase. See Project Management On-line Guide (PMOG) for details. <a href="http://www.wsdot.wa.gov/Projects/ProjectMgmt/">http://www.wsdot.wa.gov/Projects/ProjectMgmt/</a>	N/R	Header
PE.PM.03.01	Programming Action Form	A standard WSDOT Programming Action Form (PAF) completed for a deficiency associated with a declared emergency or another emergent problem.	0106	Deliverable
PE.PM.03.02	Project Change Request Form	A standard WSDOT Project Change Request Form (PCRF) completed for a project change requiring regional, HQ, or higher approval.	0106	Deliverable
PE.PM.03.03	FHWA Project Management Plan	The 2005 surface transportation act, the "Safe, Accountable, Flexible, Efficient Transportation Equity Act: A Legacy for Users" (SAFETEA-LU) (Pub.L. 109-59, 119 Stat. 1144) increased requirements for Project Management Plans and Annual Financial Plans on major projects. The general requirements are contained in section 1904(a) of SAFETEA-LU, while the guidance and standards from the FHWA are at this web site: <a href="http://www.fhwa.dot.gov/programadmin/mega/">http://www.fhwa.dot.gov/programadmin/mega/</a> Any project with an estimated total cost of \$500 million or more shall complete a project management plan. The PMP shall document "the procedures and processes that are in effect to provide timely information to the project decision makers to effectively manage the scope, costs, schedules, and quality of, and the Federal requirements applicable to, the project; and "the role of the agency leadership and management team in the delivery of the project."	0106	Deliverable
PE.PM.03.04	WSDOT Project Management Plan (PMP)	The Project Management Plan describes both the Project Performance Baseline for the project deliverables and the schedule and budget/cost plans for delivering them, and the Project Management Methods that will be used by the Project Team during their delivery. This item is for such work as is charged to the PE phase. See Project Management On-line Guide (PMOG) for details. <a href="http://www.wsdot.wa.gov/Projects/ProjectMgmt/">http://www.wsdot.wa.gov/Projects/ProjectMgmt/</a>	0106	Deliverable
PE.PM.03.05	Internal SOW Agreement	This process applies to the development of preconstruction and construction internal scope of work agreements between the Project Team and Specialty Groups within WSDOT. This process is a complement to the Internal Scope of Work Agreement Development Process Map. Reference PMRS Procedure documents Internal SOW Agreement Development, Internal SOW Agreement Management, Internal SOW Agreement Change Management on <a href="http://www.wsdot.wa.gov/Projects/PMRS/PMRSpolicies.htm">http://www.wsdot.wa.gov/Projects/PMRS/PMRSpolicies.htm</a>	0106	Deliverable
PE.PM.03.06	PMP Endorsement	<b>Milestone</b> - Endorsement is the process of gaining the commitment of the Project Team then the endorsement of the Management entities responsible for the resources needed to successfully execute the Project Management Plan. The process is a formal one and culminates in documented commitment of support by the Team members, management and others - customers, team and sponsors as appropriate. See Project Management On-line Guide (PMOG) for details. <a href="http://www.wsdot.wa.gov/Projects/ProjectMgmt/">http://www.wsdot.wa.gov/Projects/ProjectMgmt/</a>	N/R	Milestone
PE.PM.04	FHWA Finance Plan	The 2005 surface transportation act, the "Safe, Accountable, Flexible, Efficient Transportation Equity Act: A Legacy for Users" (SAFETEA-LU) (Pub.L. 109-59, 119 Stat. 1144) increased requirements for Project Management Plans and Annual Financial Plans on major projects. The general requirements are contained in section 1904(a) of SAFETEA-LU, while the guidance and standards from the FHWA are at this web site: <a href="http://www.fhwa.dot.gov/programadmin/mega/">http://www.fhwa.dot.gov/programadmin/mega/</a> The SAFETEA-LU changed the criteria for classification as a Major Project to an estimated total cost of \$500 million or greater. and requires recipients of funds for a project with an estimated total cost from \$100 million to \$500 million to prepare an annual financial plan. A Financial Plan shall "be based on detailed estimates of the cost to complete the project and provide for the annual submission of updates to the Secretary that are based on reasonable assumptions, as determined by the Secretary, of future increases in the cost to complete the project.	0170	Deliverable
PE.PM.05	Public and Agency Involvement	Local agencies and the public should be notified of projects in their jurisdiction or area. Contact the Communications office for details.	N/R	Header

New MDL Code	New MDL Name	Description new (in Notebook topic)	Work Op (rev)	Classification
PE.PM.05.01	Public Involvement Plan	The level of public involvement plan needed is determined by SEPA or NEPA requirements to be met and the amount of potential impact on people, the environment and the economy. Contact the Communications Office for details.	0110	Deliverable
<b>PE.PM.06</b>	<b>Consultant Administration</b>	The process concerning the authorization, selection, management, and oversight of consultants for Personal Service and Architect & Engineering (A&E) agreements and/or supplements. See Consultant Services Procedures Manual M27-50.	0107	Header
PE.PM.06.01	Consultant RFP	Request for Proposal (RFP): A legal notice for solicitation of consulting services. Please see the Consultant Services Procedures Manual M 27-50, Chapter 1 for procedures.	0107	Deliverable
PE.PM.06.02	Consultant Selection	The process of reviewing, scoring and selecting a Consultant. Please see the Consultant Services Procedures Manual M 27-50, Chapters 2, 3, and 4 for procedures.	0107	Deliverable
PE.PM.06.03	Consultant Signed Contract	A legally binding contract between WSDOT and a Consultant for services rendered. Please see the Consultant Services Procedures Manual M 27-50, Chapters 5, 6, and 7 for procedures.	0107	Deliverable
	Consultant Management	The process for delivering a contracted product within the parameters of a legally binding contract. Please see the Consultant Services Procedures Manual M 27-50, Chapter 8, 9, 10, 11, 12, 13, and 14 for procedures.	0107	Deliverable
<b>PE.PM.10</b>	<b>Ferry Vessels Engineering</b>	This task contains Vessels Planning, Design, Supervision and Support activities	N/R	Header
PE.PM.10.01	Scope from Port Engineers	<b>Milestone:</b> The Port Engineer provides work item list to Project Engineer for inclusion in the Technical Specification	N/R	Milestone
PE.PM.10.02	Vessels Kickoff Meeting	The Project Engineer meets with Port Engineer, Vessel Staff Chief, and Project Inspectors to discuss scope of work.	0178	Deliverable
PE.PM.10.03	Specifications/ Preliminary Estimates/ Schedules	The Specification written, Initial Cost Estimate developed and Primavera Schedule created to complete the Vessels design phase.	0179	Deliverable
PE.PM.10.04	Spec Review/ Issue Work Order	The Specification reviewed by Port Engineer, Vessel Staff Chief, and other stakeholders for final work scope and completeness; Work Order submitted to WO Mgr.	0181	Deliverable
PE.PM.10.05	Spec Revise Finalized	The Changes made to Specification based on review comments and feedback.	0181	Deliverable
PE.PM.10.06	Final Estimate	Estimate finalized, based on final scope of work.	01AC	Deliverable
PE.PM.10.07	Project Summary and Deliverables	The document that transfers the project to C&L for Advertisement Provide complete work summary and other documents required for C&L to put out Ad.	0169	Deliverable
PE.PM.10.08	Shipyard Planning	All effort required by the shipyard to prepare for the performance period, including preparing schedules, submitting required documents, ordering long lead items, issuing purchase orders for other materials and subcontractors, determining need and availability for rented equipment, such as man lifts, scaffolding, office trailer, office equipment, and other equipment that may be needed to accomplish the contracted work.	0127	Deliverable
PE.PM.12	Other Work for Management and Overhead	This task contains overhead activities and costs associated with the PE phase of a project. This should be used only for activities and costs not shown elsewhere in the MDL.	0101	Deliverable
<b>PE.PS</b>	<b>Project Scoping</b>	Some capital projects have the project scoping included as a specific part of the project. Some projects include work to plan further projects to be subsequently developed and constructed.	N/R	Header
<b>PE.PS.01</b>	<b>Preliminary Estimates &amp; Schedules for Scoping</b>	Estimates and schedules developed for programming.	N/R	Header
PE.PS.01.01	PE Estimate	The estimated cost and schedule to complete the design phase of a project. Developed for programming the project.	01AP	Deliverable
PE.PS.01.02	RW Scoping Estimate	The estimated cost and schedule to complete the right of way phase of a project. Includes all resource costs. Developed for programming the project.	01AR	Deliverable
PE.PS.01.03	CN Estimate	The estimated cost and schedule to complete the construction phase of a project. Developed for programming the project.	01AC	Deliverable
<b>PE.PS.02</b>	<b>Agency &amp; Tribal Coordination for Planning Studies</b>	Outreach to public agencies & tribes	N/R	Header
PE.PS.02.01	Agency Outreach	Outreach to public agencies including initial interviews of partner agencies; briefings, presentations and meetings with technical staff and elected officials; written, email and phone communications	0115	Deliverable
PE.PS.02.02	Tribal Outreach	Outreach to tribes including initial contact letter; briefings, presentations, meetings and consultations with tribal staff and members; written, email and phone communications	0115	Deliverable
PE.PS.02.03	Corridor Working Group	Establish Corridor Working Group (CWG); conduct CWG meetings; prepare CWG meeting materials; on-going communications with CWG members	0115	Deliverable
PE.PS.02.04	Agency & Tribal Coordination Summary	Document summarizing communications and coordination with public agencies & tribes	0115	Deliverable
<b>PE.PS.03</b>	<b>Public Involvement for Planning Studies</b>	Outreach to media and public	N/R	Header
PE.PS.03.01	Media Relations Plan	Develop, endorse and manage plan for outreach to media	0111	Deliverable
PE.PS.03.02	Public Involvement Plan	Develop, endorse and manage plan for outreach to public	0111	Deliverable
PE.PS.03.03	Media & Public Outreach Activities	Outreach to public such as stakeholder interviews, mailers, press releases, folios, open houses, booths at local events, traveling displays, briefings, presentations, meetings & other outreach activities; preparation of all media & public involvement communication materials; distribution of materials; on-going written, email & phone communications with media & public; establish & maintain project web page	0111	Deliverable
PE.PS.03.04	Public Involvement Summary	Document summarizing communications and outreach to media & public	0111	Deliverable

New MDL Code	New MDL Name	Description new (in Notebook topic)	Work Op (rev)	Classification
<b>PE.PS.04</b>	<b>Existing Conditions Inventory &amp; Analysis for Planning Studies and Scoping</b>	For a planning or corridor study, inventory and analysis of existing facility, study area and travel conditions; identification of existing & future no-build deficiencies in accordance with Design Manual Chapter 300	N/R	Header
PE.PS.04.01	Existing Facility & Study Area Conditions	Inventory & description of roadway classifications, function and characteristics; vicinity & study area map; inventory & description of facility including geometrics, structures, traffic signals & control devices, terrain & roadside characteristics; inventory & description of study area transportation network (all modes) and land use/zoning conditions	0125	Deliverable
PE.PS.04.02	Environmental Inventory & Overview	Inventory & description of natural and built environment; inventory & description of archeological, historical and cultural resources; identify potential environmental justice issues and potential mitigation requirements of proposed improvements	0125	Deliverable
PE.PS.04.03	Travel Conditions Analysis & Deficiencies Identification	Inventory of existing and historical traffic data & collisions; collect additional counts/data if needed; select & validate model; model existing and future no-build traffic conditions; analysis of data and forecasts; identify existing & future no-build access, safety, mobility and modal needs and deficiencies	0125	Deliverable
PE.PS.04.04	Existing Conditions Summary	Document summarizing existing conditions & identified deficiencies	0126	Deliverable
<b>PE.PS.05</b>	<b>Improvement Options Development &amp; Assessment for Planning Studies</b>	For a planning or corridor study, development & assessment of options to address identified deficiencies	N/R	Header
PE.PS.05.01	Improvement Options	Identify & develop concept-level short & long-term improvements for all modes & TSM/TDM	0126	Deliverable
PE.PS.05.02	Screening Criteria & Analysis	Establish screening criteria, methodology & process; select & validate model; model future build (improvement options) traffic conditions; analyze forecasts; screen proposed options	0125	Deliverable
PE.PS.05.03	Short & Long-Term Recommendations	Establish prioritization process; select and prioritize screened improvement options into short-and long-term list of recommended improvement projects	0126	Deliverable
PE.PS.05.04	Funding Program & Financial Resources	Identify funding program and financial resources available to implement RDP recommendations & next steps within the decision process to implement the RDP	0126	Deliverable
<b>PE.PS.06</b>	<b>Planning Report</b>	Planning Report documenting project work and recommendations	N/R	Header
PE.PS.06.01	Draft Planning Report	Draft report documenting project inventory and analysis work, outreach activities, and improvement recommendations; circulate draft report to CWG, partner agencies & WSDOT for review & comment		Deliverable
PE.PS.06.02	Final Planning Report	Revise & finalize report in response to comments; distribute report	0127	Deliverable
PE.PS.07	WSF Pre-Design Study	The pre-design process answers specific questions to ensure full understanding of the viable alternatives have been identified. These questions include the refinement of the scope, project management, schedule, quality, budget, and location of a project by answering the questions of who, why, what, where, when, and how much. This item is specific to WSF Terminal improvement projects.	0123	Deliverable
<b>PE.PS.08</b>	<b>Project Summary</b>	A document which comprises the Project Definition, Design Decisions and the Environmental Review Summary for a project	0169	Header
PE.PS.08.01	Project Definition	The official document that states the purpose and need for the project and the solution of the deficiency. This is a formal document that must have Region and HQ concurrence.	0169	Deliverable
PE.PS.08.02	Design Decisions Summary	A document which is part of the Project Summary which illustrates design considerations and details about design aspects of the project.	0169	Deliverable
PE.PS.08.03	Environmental Review Summary	A document which illustrates environmental permit needs and addresses the level of environmental approval and classification of the project.	0169	Deliverable
PE.PS.08.04	Project Definition Complete (Region)	<b>PERFORMANCE REPORTING MAJOR Milestone-</b> The official document that states the purpose and need for the project and the solution of the deficiency is a formal document called Project Summary. For reporting purposes, the Project Definition Milestone is considered complete on the date the Regional Administrator (RA) or the RA designee signs the Project Summary document.	N/R	Milestone
PE.PS.08.05	Project Definition Complete (HQ)	<b>Milestone-</b> The Project Definition is formally approved when Project Summary has received Headquarters signature. (formally the Project Summary which includes the Project Definition, ERS, DDS)	N/R	Milestone
<b>PE.EV</b>	<b>Environmental Review and Permitting</b>	Summary task for all environmental review and permitting. See Environmental Procedures Manual (EPM) Parts 4 and 5	N/R	Header
<b>PE.EV.01</b>	<b>Endangered Species Act Compliance</b>	EPM Chapter 436 Wildlife, Fish and Vegetation	N/R	Header
PE.EV.01.01	Biological Assessment or No Effect Letter	EPM Chapter 436 Wildlife, Fish, and Vegetation	0132	Deliverable
PE.EV.01.02	BA Submitted to NOAA	<b>Milestone:</b> documentation submitted to Federal Agency. The BA describes how a project will be built, what conditions will be met, and when they will be done.	N/R	Milestone
PE.EV.01.03	BA Submitted to USFWS	<b>Milestone:</b> documentation submitted to Federal Agency. The BA describes how a project will be built, what conditions will be met, and when they will be done.	N/R	Milestone
PE.EV.01.04	Consultation with NOAA	EPM Chapter 436 Wildlife, Fish and Vegetation	0132	Deliverable
PE.EV.01.05	Consultation with USFWS	EPM Chapter 436 Wildlife, Fish and Vegetation	0132	Deliverable
PE.EV.01.06	NOAA Biological Opinion or Concurrence Letter	<b>Milestone-</b> The concurrence letter/BO documents resource agency agreement with project design and mitigation measures.	N/R	Milestone
PE.EV.01.07	USFW Biological Opinion or Concurrence Letter	<b>Milestone-</b> The concurrence letter/BO documents resource agency agreement with project design and mitigation measures.	N/R	Milestone
<b>PE.EV.02</b>	<b>Section 106 &amp; EO 05-05 Compliance</b>	Summary task for Section 106 and EO 05-05 Compliance tasks other than the Cultural Resources Discipline Report	N/R	Header
PE.EV.02.01	Section 106 & EO 05-05 Compliance Exemption Determination	EPM Chapter 456 Historic and Cultural Resources	0133	Deliverable
PE.EV.02.02	Section 106 & EO 05-05 Compliance Area of Potential Effect Map	EPM Chapter 456 Historic and Cultural Resources	0133	Deliverable
PE.EV.02.03	Cultural Resources Survey/Effect Determination	EPM Chapter 456 Historic and Cultural Resources	0133	Deliverable

New MDL Code	New MDL Name	Description new (in Notebook topic)	Work Op (rev)	Classification
PE.EV.02.04	Section 106 & EO 05-05 Letter of Concurrence or Memorandum of Agreement	EPM Chapter 456 Historic and Cultural Resources	0133	Deliverable
PE.EV.02.05	Section 106 Project Scoping and Internal Review	Review of GIS and existing documentation by Cultural Resource Specialist to ascertain presence/absence of known sites in project area. Review required prior to soil disturbance (e.g. wetland delineation, Geotech boring, or hazardous material recon).	0133	Deliverable
PE.EV.02.06	Initial Tribal Consultation	Refer to Environmental Procedures Manual 456.05. Follow the WSDOT Section 106 Flow Chart (Figure 456-1) as guidance for implementing Tribal Consultation. Initiates the formal consultation process with Tribes and other Interested Parties.	0133	Deliverable
<b>PE.EV.10</b>	<b>Discipline Reports</b>	Summary Task: Discipline reports and other studies prepared by WSDOT Regions to document environmental investigations called for in the EPM Chapters 420-470	01EO	Header
PE. EV.10.01	Geology & Soils Discipline Report	EPM Chapter 420 Earth (Geology & Soils)	01ED	Deliverable
PE.EV.10.02	Air Quality Discipline Report	EPM Chapter 425 Air	01EA	Deliverable
PE.EV.10.03	Surface Water Discipline Report	Refer to EPM 430 Surface Water	01EC	Deliverable
PE.EV.10.04	Groundwater Discipline Report	EPM Chapter 433 Groundwater	01EG	Deliverable
PE.EV.10.05	Floodplain Discipline Report	EPM Chapter 432 Floodplain	01EF	Deliverable
PE.EV.10.06	Wildlife, Fish & Vegetation Discipline Report	EPM Chapter 436 Fish, Wildlife & Vegetation.	01EH	Deliverable
<b>PE.EV.10.07</b>	<b>Wetland Discipline Report</b>	EPM Chapter 431 Wetlands	01EJ	Header
PE.EV.10.07.01	Wetland Inventory Report	EPM Chapter 431 Wetlands	01EJ	Deliverable
PE.EV.10.07.02	NEPA/SEPA Mitigation Memo	This is a memo discussing the types and estimated quantities of aquatic impact and the types of mitigation that will be looked for. The memo is done to gain approval on NEPA or SEPA documents.	01EJ	Deliverable
PE.EV.10.07.03	Critical Area Report	A document required by local agencies for projects that occur within a designated Critical Area or its buffer. The document is used to assess potential impacts and mitigation measures and show consistency with local agency Critical Area ordinances.	01EJ	Deliverable
PE.EV.10.07.04	Jurisdictional Ditch Memorandum	An assessment of Clean Water Act jurisdiction on ditches A technical memorandum that details the connecting waters between wetlands, including RPW, that is sent to the US Army Corps of Engineers to help that agency with their jurisdictional determination. This memorandum is different from the wetland report, and is often used with projects that have small amounts of earthwork and fill activities, such as pavers with guardrail work. This memorandum also helps streamline the permitting process with the US Army Corps of Engineers.	01EJ	Deliverable
PE.EV.10.07.05	Conceptual Wetland Mitigation Report/Plan	EPM Chapter 431 Wetlands	01EJ	Deliverable
PE.EV.10.07.06	Draft Wetland Mitigation Report/Plan	EPM Chapter 431 Wetlands	01EJ	Deliverable
PE.EV.10.07.07	Final Wetland Mitigation Report/Plan	EPM Chapter 431 Wetlands	01EJ	Deliverable
PE.EV.10.08	Energy Discipline Report	EPM Chapter 440 Energy	01EE	Deliverable
PE.EV.10.09	Noise Discipline Report	EPM Chapter 446 Noise	01EN	Deliverable
PE.EV.10.09.01	Noise Analysis Report	Refer to EPM 446.05(1)(d) This task includes any special studies such as research projects, quieter pavement studies and special mitigation strategies studies, as well as non-traffic noise studies such as blasting, pile driving, preparation of detailed noise analyses and monitoring plans for inclusion into Biological Assessments and construction noise monitoring.	01EN	Deliverable
PE.EV.10.10	Hazardous Materials Discipline Report	EPM Chapter 447 Hazardous Materials	01EM	Deliverable
PE.EV.10.10.01	Phase I Environmental Site Assessment (ISA)	Refer to Environmental Procedures Manual 447.01 and 447.05(4)	01EM	Deliverable
PE.EV.10.10.02	Phase II Environmental Site Assessment (PSI)	Refer to Environmental Procedures Manual 447.01 and 447.05(5)	01EM	Deliverable
PE.EV.10.10.03	Phase III Environmental Site	Refer to Environmental Procedures Manual 447.01 and 447.05(6)	01EM	Deliverable
PE.EV.10.11	Land Use Discipline Report	EPM Chapter 450 Land Use	01EL	Deliverable
PE.EV.10.11.01	Farmland Conversion Package	EPM Chapter 450 Land Use	01EL	Deliverable
PE.EV.10.11.02	Section 6(f) Property Conversion Package	EPM Chapter 450 Land Use	01EL	Deliverable
PE.EV.10.12	Section 4(f) (Public Lands) Evaluation	EPM Chapter 457 Section 4(f) Evaluation	01ER	Deliverable
PE.EV10.13	Cultural Resources Discipline Report	EPM Chapter 456 Historic, Cultural, and Archeological Resources	01EQ	Deliverable
PE.EV.10.13.01	Cultural Resources Survey	EPM Chapter 456 Historic, Cultural, and Archeological Resources	01EQ	Deliverable
PE.EV.10.13.02	Cultural Resources Memorandum of Agreement	EPM Chapter 456 Historic, Cultural, and Archeological Resources	01EQ	Deliverable
PE.EV.10.14	Relocation Report	Refer to EPM 458 Social and Economic & Exhibit 458-3	01ES	Deliverable
PE.EV.10.14.01	Social Economic and Environmental Justice Discipline Report	EPM Chapter 456 Social and Economic and Exhibits 458-1,2 and 4	01ES	Deliverable
PE.EV.10.15	Transportation Discipline Report	EPM Chapter 460 Transportation	01ET	Deliverable
PE.EV.10.16	Public Services & Utilities Discipline Report	EPM Chapter 470 Public Services & Utilities	01EP	Deliverable
PE.EV.10.17	Visual Impacts Discipline Report	EPM Chapter 459 Visual Impacts	01EV	Deliverable
PE.EV.11	NEPA/SEPA Compliance	National Environmental Policy Act/State Environmental Policy Act (NEPA/SEPA) If project receives federal funding, follow NEPA requirements and obtain review of proposed documentation level by FHWA or the appropriate federal transportation agency. If state only funding, follow SEPA requirements. See Environmental Procedures Manual. EPM Chapter 411	01N0	Deliverable
PE. EV. 11.01	JARPA	The Jarpa is a Joint Aquatic Resource Permit Application form used to apply for individual or multiple regulatory agency permits. The application is used for Corps 404 permits, WDFW HPAs, Ecology 401 Certifications, and several local jurisdiction permits. A completed application form along with the necessary permit drawings and attachments (e.g. NPEA/SEPA Docs, Mitigation Plans, etc.) provides agencies the information necessary for them to issue a permit. Directional Memo ESO-09-02	0138	Deliverable

New MDL Code	New MDL Name	Description new (in Notebook topic)	Work Op (rev)	Classification
PE.EV.11.02	Early Coordination	Involves preparation and distribution of an Environmental Pre-Scoping Package, including a Draft Coordination Plan and Public Involvement Plan, and Agency Coordination. EPM Chapter 411	01N1	Deliverable
PE.EV.11.03	Public Notice	Public notice announcing plans to prepare an EIS or EA, including a Notice of Intent for a NEPA EIS, a Determination of Significance / EIS Scoping Notice for a SEPA EIS, or an EA Scoping Notice for a NEPA EA. EPM chapter 411	01N2	Deliverable
PE.EV.11.04	Notice of Intent (NOI)	Notice of Intent (NOI) is published in the he Federal Register to begin the NEPA EIS process. Official start date of document production. EPM Chapter 411	01N2	Deliverable
PE.EV.11.05	Determination of Significance / EIS Scoping Notice	A DS / EIS Scoping Notice is sent to Ecology for publication in the SEPA Register, and to other agencies, tribes, and others with an interest in the project. EPM Chapter 411	01N2	Deliverable
PE.EV.11.06	EIS or EA Scoping	A formal process for engaging the public and agencies in identifying the range of proposed actions, alternatives, environmental elements and impacts, and mitigation measures to be analyzed in an EIS or EA. EPM Chapter 411	01N3	Deliverable
PE.EV.11.40	Draft NEPA/SEPA Environmental Document	A formal environmental document prepared and issued for public and agency comment in accordance with the National Environmental Policy Act (NEPA) and/or State Environmental Policy Act (SEPA). EPM Chapter 411	01N4	Deliverable
PE.EV.11.40.01	NEPA Draft EIS, SDEIS, or DSEIS	National Environmental Policy Act (NEPA) or combined NEPA and SEPA (State Environmental Policy Act) Draft Environmental Impact Statement (DEIS), Supplemental DEIS (SDEIS), or Draft Supplemental EIS (DSEIS), and commitment file circulated. Required when actions are likely to have significant impact on the environment by altering land use, planned growth development patterns, traffic volumes, travel patterns, transportation services or natural resources, or by creating public controversy. Contact Region Environmental Manager. EPM Chapter 411	01N4	Deliverable
PE.EV.11.40.02	SEPA Draft EIS, SDEIS, or DSEIS	State Environmental Policy Act (SEPA) Draft Environmental Impact Statement (DEIS), Supplemental DEIS (SDEIS), or Draft Supplemental EIS (DSEIS), and commitment file circulated. The DEIS is the initial WSDOT project report. It identifies the alternative actions and presents an analysis of their impacts on the environment. It also summarizes the early coordination process, including EIS scoping, and identifies the key issues and pertinent information received through these efforts. EPM Chapter 411	01N4	Deliverable
PE.EV.11.40.03	SEPA Checklist / DNS	State Environmental Policy Act (SEPA) Checklist / Determination of Non-Significance (DNS) issued with comment period. A written decision by the Region Administrator, or designee, that a proposal will not have a significant impact and no EIS is required unless the decision is revised based on comments. EPM Chapter 411	01N4	Deliverable
PE.EV.11.50	Public Hearing / Comments	A formal or informal hearing and/or comment period that provides the public and agencies with an opportunity to comment on the social, economical, and environmental impacts of a project. See Design Manual Chapter 210.	01N5	Deliverable
PE.EV.11.50.01	Environmental Hearing	A formal or informal hearing that ensures that social, economical, and environmental impacts have been considered. See Design Manual Chapter 210.	01N5	Deliverable
PE.EV.11.60	Final NEPA/SEPA Environmental Decision Documents	A formal document prepared and issued to demonstrate compliance with the National Environmental Policy Act and/or State Environmental Policy Act by indicating whether a proposed action constitutes a major action significantly affecting the quality of the environment, and, if so disclosing the nature and significance of any environmental effects of a proposed action, and when preceded by a draft NEPA/SEPA document, includes any comments received on the draft NEPA/SEPA document. EPM Chapter 411	01N6	Deliverable
PE.EV.11.60.01	NEPA CE (ERS)	National Environmental Policy Act Categorical Exclusion or C.E. per MOU with FHWA (Environmental Review Summary (ERS)). EPM Chapter 300 & 411	01N6	Deliverable
PE.EV.11.60.02	NEPA DCE (ECS)	National Environmental Policy Act (NEPA) Documented Categorical Exclusion (DCE) (Environmental Classification Summary (ECS)). EPM Chapter 300 & 411	01N6	Deliverable
PE.EV.11.60.03	NEPA EA or Revised EA	National Environmental Policy Act (NEPA) Environmental Assessment (EA) or Revised EA. See Environmental Procedures Manual. EPM Chapter 411	01N6	Deliverable
PE.EV.11.60.04	FONSI Issued	<b>Milestone</b> - Finding of No Significant Impact (FONSI) issued for an Environmental Assessment (EA). A federal lead agency document presenting the reasons why a proposal will not significantly affect the environment and therefore will not require EIS documents. EPM Chapter 411	01N6	Milestone & Deliverable
PE.EV.11.60.05	NEPA FEIS or FSEIS	National Environmental Policy Act (NEPA) or combined NEPA and SEPA (State Environmental Policy Act) Final Environmental Impact Statement (FEIS) or Final Supplemental EIS (FSEIS) and Commitment File Circulated. Contains the preferred alternative, discusses substantive comments received on the DEIS, summarizes citizen involvement, and describes procedures required to ensure that mitigation measures are implemented. EPM Chapter 411	01N6	Deliverable
PE.EV.11.60.06	ROD	<b>Milestone</b> - Record of Decision (ROD) Issued - A document prepared by the federal lead agency after an EIS has been completed, outlining the final decisions on a proposal. It identifies the decision alternatives considered, measures to minimize harm, and a monitoring or enforcement program. EPM Chapter 411	01N6	Milestone
PE.EV.11.60.07	NEPA Statute of Limitations (SOL) Notice	A notice issued after the ROD declaring a statute of limitations for legal challenges regarding compliance with NEPA. EPM Chapter 411	01N6	Deliverable
PE.EV.11.60.08	NEPA Re-evaluation	Re-evaluation of Environmental Assessments and Environmental Impact Statements if no action is taken on the project for 3 years or substantial change to the scope results in a loss of validity of determinations. EPM Chapter 411	01N6	Deliverable
PE.EV.11.60.09	SEPA CE	State Environmental Policy Act Categorical Exemption (SEPA CE) A type of action that does not significantly affect the environment. EPM Chapter 411	01N6	Deliverable

New MDL Code	New MDL Name	Description new (in Notebook topic)	Work Op (rev)	Classification
PE.EV.11.60.10	SEPA Checklist / DNS	State Environmental Policy Act (SEPA) Checklist / Determination of Non-Significance (DNS) The written decision by the Region Administrator, or designee, that a proposal will not have a significant impact and no EIS is required. EPM Chapter 411	01N6	Deliverable
PE.EV.11.60.11	SEPA FEIS or FSEIS	State Environmental Policy Act (SEPA) Final Environmental Impact Statement (FEIS) or Final Supplemental EIS (FSEIS) and commitment file circulated. Required when actions are likely to have significant impact on the environment by altering land use, planned growth development patterns, traffic volumes, travel patterns, transportation services or natural resources, or by creating public controversy. Contact Region Environmental Manager. EPM Chapter 411	01N6	Deliverable
PE.EV.11.60.12	SEPA Adoption Notice	State Environmental Policy Act (SEPA) Adoption Notice. Applies when NEPA documents are adopted to meet the requirements of SEPA. See Environmental Procedures Manual. EPM Chapter 411	01N6	Deliverable
PE.EV.11.60.13	SEPA Notice of Action Taken (NAT)	A notice issued after project approval declaring a statute of limitations for legal challenges regarding compliance with SEPA. EPM Chapter 411	01N6	Deliverable
PE.EV.18	Environmental Review Documentation Complete	<b>PERFORMANCE REPORTING MAJOR Milestone</b> -For reporting purposes, the environmental review documentation is considered complete on the date that all necessary National and State Environmental Policy Act (NEPA/SEPA) documentation has been submitted by WSDOT to the appropriate regulatory agency for approval after being processed through WSDOT Headquarters. See Project Control & Reporting Manual. EPM Chapter 411	N/R	Milestone
PE.EV.19	Environmental Review Documentation Approved	<b>Milestone</b> - All NEPA/SEPA environmental review documentation approved prior to Design Approval and Right of Way Approval.	N/R	Milestone
<b>PE.EV.21</b>	<b>Environmental Permits</b>	Identify, apply for and obtain environmental permits required for the project. Permit requirements are scoped as part of the Environmental Review Summary. See Environmental Procedures Manual for procedures.	0138	Header
PE.EV.21.01	Corps Section 404 Permit	This permit is needed for discharging, dredging, or placing fill material within waters of the United States including wetlands. Responsible Agency: Army Corps of Engineers. For additional information see the WSDOT Permits web page: <a href="http://www.wsdot.wa.gov/Environment/Programmatic/FSLPermits.htm">http://www.wsdot.wa.gov/Environment/Programmatic/FSLPermits.htm</a>	0138	Deliverable
PE.EV.21.02	Corps Section 10 Permit	This permit is needed for obstructions, alterations, or improvements of any navigable water (e.g., rechanneling, piers, wharves, dolphins, bulkheads, buoys, etc.). Responsible Agency: Army Corps of Engineers. For additional information see the WSDOT Permits web page: <a href="http://www.wsdot.wa.gov/Environment/Programmatic/FSLPermits.htm">http://www.wsdot.wa.gov/Environment/Programmatic/FSLPermits.htm</a>	0138	Deliverable
PE.EV.21.03	Coast Guard Section 9 Permit	This permit is needed for construction or modification of bridges over certain navigable waters. Responsible Agency: Coast Guard. For additional information see the WSDOT Permits web page: <a href="http://www.wsdot.wa.gov/Environment/Programmatic/FSLPermits.htm">http://www.wsdot.wa.gov/Environment/Programmatic/FSLPermits.htm</a>	0138	Deliverable
PE.EV.21.04	Coastal Zone Management Certification	Projects that need a federal license or federal permit and occur within any of Washington's 15 coastal counties require certification from Ecology that the proposed project is consistent with the Coastal Zone Management Program (Shoreline Management Act). Responsible Agency: Department of Ecology For additional information see the WSDOT Permits web page: <a href="http://www.wsdot.wa.gov/Environment/Programmatic/FSLPermits.htm">http://www.wsdot.wa.gov/Environment/Programmatic/FSLPermits.htm</a>	0138	Deliverable
PE.EV.21.05	Hydraulic Project Approval (HPA)	Hydraulic Project Approval (HPA) A permit required for projects that use, divert, obstruct, or change the natural flow or bed of waters of the state. Includes bed reconfiguration, all construction or other work water work, under and over the ordinary high water line, including dry channels, and may include projects landward of the ordinary high water line (e.g., activities outside the ordinary high water line that will directly impact fish life and habitat, falling trees into streams or lakes, bridge maintenance, dike construction, etc.) Responsible Agency: Washington State Dept of Fish and Wildlife. For additional information see the WSDOT Permits web page: <a href="http://www.wsdot.wa.gov/Environment/Programmatic/FSLPermits.htm">http://www.wsdot.wa.gov/Environment/Programmatic/FSLPermits.htm</a>	0138	Deliverable
PE.EV.21.06	Section 402 NPDES Permit	A Clean Water Act Section 402 National Pollutant Discharge Elimination System (NPDES) permit is needed for a discharge of pollutants into waters of the U.S., including drains, ditches, wetlands, creeks, rivers, lakes, and marine waters. The NPDES permit most commonly required is a construction stormwater general permit required for any construction activity that disturbs one acre or more and may result in a discharge of stormwater to such waters. Responsible Agency: Department of Ecology. For additional information see the WSDOT Permits web page: <a href="http://www.wsdot.wa.gov/Environment/Programmatic/FSLPermits.htm">http://www.wsdot.wa.gov/Environment/Programmatic/FSLPermits.htm</a>	0138	Deliverable
PE.EV.21.07	State Waste Discharge	A State Wastewater Discharge Permit is required for a discharge of wastewater to the ground or a discharge of industrial process water to a municipal treatment plant. Responsible Agency: Department of Ecology. For additional information see the WSDOT Permits web page: <a href="http://www.wsdot.wa.gov/Environment/Programmatic/FSLPermits.htm">http://www.wsdot.wa.gov/Environment/Programmatic/FSLPermits.htm</a>	0138	Deliverable
PE.EV.21.08	Section 401 Water Quality Certification	This federal permit/license is required for projects that receive a Section 404 permit from the U.S. Army Corps of Engineers or a Coast Guard permit for activities that might result in a discharge of dredge or fill material into water or non-isolated wetlands or excavation in water or non-isolated wetlands. Responsible Agency: Department of Ecology; and the Environmental Protection Agency (EPA) on federal and tribal land, except where tribes have been delegated such authority on their tribal land. For additional information see the WSDOT Permits web page: <a href="http://www.wsdot.wa.gov/Environment/Programmatic/FSLPermits.htm">http://www.wsdot.wa.gov/Environment/Programmatic/FSLPermits.htm</a>	0138	Deliverable
PE.EV.21.09	Short-Term Water Quality Modification	Issued as a condition of the Individual Section 401 Water Quality Certification for projects that need short-term modification to the mixing zone distance for measuring water quality turbidity. Responsible Agency: Department of Ecology. For additional information see the WSDOT Permits web page: <a href="http://www.wsdot.wa.gov/Environment/Programmatic/FSLPermits.htm">http://www.wsdot.wa.gov/Environment/Programmatic/FSLPermits.htm</a>	0138	Deliverable

New MDL Code	New MDL Name	Description new (in Notebook topic)	Work Op (rev)	Classification
PE.EV.21.10	Forest Practices Permit	Permit required to remove timber or convert timber land. Responsible Agency: Department of Natural Resources. For additional information see the WSDOT Permits web page: <a href="http://www.wsdot.wa.gov/Environment/Programmatic/FSLPermits.htm">http://www.wsdot.wa.gov/Environment/Programmatic/FSLPermits.htm</a>	0138	Deliverable
PE.EV.21.11	Floodplain Development Permit	A permit for any construction activity within the 100 year flood plain as defined by FEMA mapping. Responsible Agency: Department of Ecology, Cities and Counties. For additional information see the WSDOT Permits web page: <a href="http://www.wsdot.wa.gov/Environment/Programmatic/FSLPermits.htm">http://www.wsdot.wa.gov/Environment/Programmatic/FSLPermits.htm</a>	0138	Deliverable
PE.EV.21.12	Critical Area Ordinance Permit	Local approval or permits may be required for projects impacting areas defined as "critical" by counties and cities under the Growth Management Act (GMA), including wetlands, aquifer recharge areas, wellhead protection areas, frequently flooded areas, geographically hazardous areas, fish and wildlife habitat, and conservation areas. Responsible Agency: Counties and Cities. For additional information see the WSDOT Permits web page: <a href="http://www.wsdot.wa.gov/Environment/Programmatic/FSLPermits.htm">http://www.wsdot.wa.gov/Environment/Programmatic/FSLPermits.htm</a>	0138	Deliverable
PE.EV.21.13	Air Quality Permit	This permit allows temporary air pollution above allowed levels for land clearing burns, demolition of structures containing asbestos, and operation of portable asphalt batching equipment, rock crushers, and Portland cement plants. Responsible agency: Ecology, Clean Air Agencies, fire protection agencies. For additional information see the WSDOT Permits web page: <a href="http://www.wsdot.wa.gov/Environment/Programmatic/FSLPermits.htm">http://www.wsdot.wa.gov/Environment/Programmatic/FSLPermits.htm</a>	0138	Deliverable
PE.EV.21.14	Noise Variance	Construction and maintenance activities during nighttime hours may require a variance from local noise ordinances. Daytime noise from construction is usually exempt. Responsible Agency: Counties and Cities. For additional information see the WSDOT Permits web page: <a href="http://www.wsdot.wa.gov/Environment/Programmatic/FSLPermits.htm">http://www.wsdot.wa.gov/Environment/Programmatic/FSLPermits.htm</a>	0138	Deliverable
PE.EV.21.15	Shoreline Permit/Exemption	Required for any contract requiring work within 200 feet of a shoreline of the state as defined by the local agency with jurisdiction. Responsible Agency: Department of Ecology, Cities and Counties. For additional information see the WSDOT Permits web page: <a href="http://www.wsdot.wa.gov/Environment/Programmatic/FSLPermits.htm">http://www.wsdot.wa.gov/Environment/Programmatic/FSLPermits.htm</a>	0138	Deliverable
PE.EV.21.16	Land Use Permit	Construction and maintenance activities may require a Land Use Permit in select cases. Examples include a conditional use permit, unclassified use permit, or variance. Responsible Agency: Counties and Cities. For additional information see the WSDOT Permits web page: <a href="http://www.wsdot.wa.gov/Environment/Programmatic/FSLPermits.htm">http://www.wsdot.wa.gov/Environment/Programmatic/FSLPermits.htm</a>	0138	Deliverable
PE.EV.21.17	Environmental Permit for Field Exploration	Field exploration may require permits to complete. Permits need to be provided by the Project Office to HQ Geotechnical Office/Region Materials Office to enable required field work to be started.	0138	Deliverable
PE.EV.21.18	Clearing, Grading, & Building Permit	Construction and maintenance activities outside the roadway may require a permit under local laws and codes. Roadway construction is usually exempt. Responsible Agency: Counties and Cities. For additional information see the WSDOT Permits web page: <a href="http://www.wsdot.wa.gov/Environment/Programmatic/FSLPermits.htm">http://www.wsdot.wa.gov/Environment/Programmatic/FSLPermits.htm</a>	0138	Deliverable
PE.EV.21.19	Soil Boring Notice of Intent	All drilling activities, including Geotech soil borings, monitoring/resource protection wells, and developing or decommissioning water wells. Responsible agency: Ecology. For additional information see the WSDOT Permits web page: <a href="http://www.wsdot.wa.gov/Environment/Programmatic/FSLPermits.htm">http://www.wsdot.wa.gov/Environment/Programmatic/FSLPermits.htm</a>	0138	Deliverable
PE.EV.21.20	Archaeological Resources Protection Permit	This permit is required for excavation or removal of archaeological resources from tribal or federal land. Responsible agency: Tribes and federal land owners. For additional information see the WSDOT Permits web page: <a href="http://www.wsdot.wa.gov/Environment/Programmatic/FSLPermits.htm">http://www.wsdot.wa.gov/Environment/Programmatic/FSLPermits.htm</a>	0138	Deliverable
PE.EV.21.21	Archaeological Excavation and Removal Permit	This permit is required for digging, excavating, altering, defacing, or removing archaeological objects or sites; historic archaeological resources; or native Indian graves, cairns, or painted or glyptic records. Responsible agency Washington State Department of Historic Preservation. For additional information see the WSDOT Permits web page: <a href="http://www.wsdot.wa.gov/Environment/Programmatic/FSLPermits.htm">http://www.wsdot.wa.gov/Environment/Programmatic/FSLPermits.htm</a>	0138	Deliverable
PE.EV.21.22	Tribal Approvals & Permits	All environmental permits and approvals for which tribes have been delegated authority that are not covered by another item in the MDL.EPM Chapter 530	0138	Deliverable
PE.EV.21.23	Migratory Bird Treaty Act-Evaluation	This federal law, administered by the USFWS, makes it unlawful to take, import, export, possess, sell, purchase, or barter any migratory bird, with the exception of the taking of game birds during established hunting seasons. The law also applies to feathers, eggs, nests, and products made from migratory birds. This law is of particular concern when birds nest on bridges, buildings, signs, and ferry dock structures.	01EJ	Deliverable
PE.EV.21.24	Bald and Golden Eagle Protection Act Evaluation	This federal law, administered by the USFWS, makes it unlawful to take, import, export, sell, purchase, or barter any bald or golden eagle, their parts, products, nests, or eggs. "Take" includes pursuing, shooting, poisoning, wounding, killing, capturing, trapping, collecting, molesting, or disturbing the eagles.	01EJ	Deliverable
PE.EV.21.25	Marine Mammal Protection Act Permit	This Federal Law, administered by NOAA, prohibits the take of marine mammals in U.S. Waters. WSDOT projects that involve marine waters; including Puget Sound, Georgia Basin and the Columbia River up to Bonneville Dam, must consider potential impacts to marine mammals. A permit may be required from NOAA for Level A harassment (injury level take) or Level B harassment (disturbance level take). There are two permit options: a Letter of Authorization (good for 5 years) or an Incidental Harassment Authorization (good for 1 year). An Endangered Species Act (ESA) consultation is required in coordination with the MMPA application to receive either permit. The application is done in report format and includes: potential project-specific impacts to marine mammals, species/numbers of marine mammals in the project area, a request for take levels, and a mitigation proposal. For additional information see EPM Chapter 436.	01EK	Deliverable

New MDL Code	New MDL Name	Description new (in Notebook topic)	Work Op (rev)	Classification
PE.EV.21.26	Miscellaneous Permits & Approvals	Examples include: Federal Aviation Administration (FAA), sole source aquifer, water use permit, etc. For additional information see the WSDOT Permits web page: <a href="http://www.wsdot.wa.gov/Environment/Programmatic/FSLPermits.htm">http://www.wsdot.wa.gov/Environment/Programmatic/FSLPermits.htm</a>	0138	Deliverable
PE.EV.29	Environmental Permits Received	<b>Milestone</b> - All environmental permits acquired for project to go to Ad/Construction.	N/R	Milestone
PE.EV.31	Environmental Commitment File	Identify and document all environmental commitments for the project. See Environmental Procedures Manual Chapters 490 and 590 for procedures.	0138	Deliverable
PE.EV.31.01	Environmental Compliance Meeting	This work includes preparation, attendance, and follow up for the design office commitment meeting. EPM Chapters 490 and 590	0138	Deliverable
PE.EV.31.02	Environmental Compliance Notes Finalized	<b>Finish Milestone</b>	N/R	Milestone
<b>PE.BR</b>	<b>Bridge and Structures</b>	All preliminary work, design, and final PS&E for all bridges and structures. See Bridge Design Manual for details <a href="http://www.wsdot.wa.gov/Publications/Manuals/M23-50.htm">http://www.wsdot.wa.gov/Publications/Manuals/M23-50.htm</a>	N/R	Header
<b>PE.BR.01</b>	<b>Structural Site Data</b>	Site data to the Bridge and Structures Office, HQ Geotechnical Office, or Region Materials Office. May include base maps, photos, drawing or reports.	N/R	Header
PE.BR.01.01	Bridge Site Data	Structure Site Data to be sent to HQ Bridge for design and PS&E. See Design Manual Chapter 710.	0144	Deliverable
PE.BR.01.02	Wall Site Data	Structure Site Data to be sent to HQ Bridge, HQ Geotechnical, or Region Materials for design and PS&E. See Design Manual Chapter 730.	0144	Deliverable
PE.BR.01.03	Noise Wall Site Data	Plan and profile along centerline of the wall. Data to be sent to HQ Geotechnical or Region Materials for design. See Design Manual Chapter 740.	0144	Deliverable
PE.BR.01.04	Noise Barrier Height & Verification Analysis	This deliverable uses more detailed design data to optimize barrier height and verify that feasibility and requirements are met.	0144	Deliverable
PE.BR.02	Bridge / Structure Design & Plans	Development of structures reports and contract plans, specifications, and estimates (PS&E).	01S0	Deliverable
PE.BR.02.01	Bridge Condition Report	A Report produced by the Bridge Office which describes the condition of the deck and general information about the structure.	01SA	Deliverable
PE.BR.02.02	Preliminary Bridge Plan	Preliminary plan showing location, length, type of structure (TS&L) and estimate.	01SB	Deliverable
PE.BR.02.03	Sign Structure Design & Plans	All work to design, review and finalize the sign structure plans.	01SC	Deliverable
PE.BR.02.04	Noise Wall Design	Document/design noise walls that are non-standard or are part of a retaining wall.	01SD	Deliverable
PE.BR.02.05	Retaining Wall Design	Document/design non standard retaining walls & soldier pile walls	01SE	Deliverable
PE.BR.02.06	Bridge Rails/Expansion Joints Design	Document/design rehabilitation of bridge rails, expansion joints and bridge decks	01SF	Deliverable
PE.BR.02.07	Other Structure Design	Document/design approach slabs, tunnel, emergency repairs and other structural design.	01SG	Deliverable
PE.BR.02.08	Consultant Structural Plans Review	The work performed by HQ Bridge & Structure office on preliminary or structural layouts of designs prepared by non WSDOT personnel. Includes plans review and specification revisions. This work op is only for use by the HQ Bridge & Structures Office.	01SH	Deliverable
PE.BR.02.09	Bridge Architect	All work to prepare preliminary designs and design concepts, to review and finalize the architectural features for bridge, retaining walls, noise walls, and other structures.	01SJ	Deliverable
PE.BR.02.10	Bridge Design	All work to design, review and finalize the bridge plans, including 90% Plans turn-in to the regions 4 weeks prior to 100% turn-in	01SK	Deliverable
PE.BR.02.12	Bridge Specials and Estimates	All work to prepare Bridge & Structures contract provisions including Std. Spec. Amendments, GSP's, Special Provisions, Appendices and estimates.	01SN	Deliverable
<b>PE.PD</b>	<b>Project Development</b>		N/R	Header
<b>PE.PD.02</b>	<b>Design-Build Assessment</b>	A systematic process based on a balance of the anticipated benefits and allocated risks used in the selection of design-build contracting for a project.	N/R	Header
PE.PD.02.01	Design-Build Decision Document	A document used to make the final decision to proceed with design-build contracting on a project	0113	Deliverable
<b>PE.PD.04</b>	<b>Cost Risk Estimate &amp; Management</b>	Cost Risk Estimate and Management (CREM) is an integral phase of the project risk management. The CREM starts with a risk assessment that it is documented on Cost Risk Analysis Report that may be delivered via: Cost Estimating and Validation Process (CEVP®), Cost Risk Analysis (CRA), or Combined Cost Risk Analysis and Value Engineering (CRAVE). For more information see Cost Risk Estimate & Management website at: <a href="http://www.wsdot.wa.gov/Projects/ProjectMgmt/RiskAssessment/">http://www.wsdot.wa.gov/Projects/ProjectMgmt/RiskAssessment/</a>	N/R	Header
PE.PD.04.01	CEVP®	A Cost Estimate Validation Process (CEVP®) is required for any project with an estimated cost of \$100 million or more. See Cost Risk Estimate & Management website at: <a href="http://www.wsdot.wa.gov/Projects/ProjectMgmt/RiskAssessment/">http://www.wsdot.wa.gov/Projects/ProjectMgmt/RiskAssessment/</a>	0166	Deliverable
PE.PD.04.02	CRA Workshop	A Cost Risk Assessment (CRA) is required for all projects with an estimated cost of \$25 million or more. See Cost Risk Estimate & Management website at: <a href="http://www.wsdot.wa.gov/Projects/ProjectMgmt/RiskAssessment/">http://www.wsdot.wa.gov/Projects/ProjectMgmt/RiskAssessment/</a>	0166	Deliverable
PE.PD.04.03	Informal Cost Risk Analysis	An informal Cost Risk Analysis is required for all projects of \$10 million or more. See Cost Risk Estimate & Management website at: <a href="http://www.wsdot.wa.gov/Projects/ProjectMgmt/RiskAssessment/">http://www.wsdot.wa.gov/Projects/ProjectMgmt/RiskAssessment/</a>	0166	Deliverable
PE.PD.04.04	Qualitative Risk Assessment	A qualitative risk assessment is required for all projects. See Cost Risk Estimate & Management website at: <a href="http://www.wsdot.wa.gov/Projects/ProjectMgmt/RiskAssessment/">http://www.wsdot.wa.gov/Projects/ProjectMgmt/RiskAssessment/</a>	0166	Deliverable
PE.PD.04.05	Combined Cost Risk Analysis and Value Engineering (CRAVE)	When it is appropriate the efforts of cost risk analysis and values engineering may be combined. See Cost Risk Estimate & Management website at: <a href="http://www.wsdot.wa.gov/Projects/ProjectMgmt/RiskAssessment/">http://www.wsdot.wa.gov/Projects/ProjectMgmt/RiskAssessment/</a>	0166	Deliverable
PE.PD.04.06	Risk Management Plan	A document prepared by Regional managers that includes specific responses for each of the risk identified. See Cost Risk Estimate & Management website at: <a href="http://www.wsdot.wa.gov/Projects/ProjectMgmt/RiskAssessment/">http://www.wsdot.wa.gov/Projects/ProjectMgmt/RiskAssessment/</a>	0166	Deliverable
<b>PE.PD.06</b>	<b>Project Data, Survey Data, and Base map</b>	All work to collect background, project, survey, and field data and background data, and develop the base map.	N/R	Header

New MDL Code	New MDL Name	Description new (in Notebook topic)	Work Op (rev)	Classification
PE.PD.06.01	Project Data	All work to collect field data and background data, except ground collection of survey data. This includes aerial topography and aerial photography, clear zone inventory, as-builts, maintenance review, etc. This does not include Survey work, see Work Op 0117.	0116	Deliverable
PE.PD.06.02	Background Data	Research information about the project	0116	Deliverable
PE.PD.06.03	Aerial Photographs	New aerial photographs of the project site. For imagery purposes only.	0116	Deliverable
PE.PD.06.04	Data Collection - Aerial Photography	Aerial photographs of the project site for mapping topographic purposes. Photos are vertical and include photo control targets. See DM Chapter 400	0116	Deliverable
PE.PD.06.05	Clear Zone Inventory	The "Corrective Action" portion of Form 410-026 ensures roadside safety is addressed	0116	Deliverable
PE.PD.06.06	As-Built Data Verified	Refer to the as-built data as necessary to compliment the survey data gathered.	0116	Deliverable
PE.PD.06.07	Maintenance Review Documentation	An onsite review of the project with maintenance to look at existing situations and any concerns about the proposed design.	0116	Deliverable
PE.PD.06.08	ADA Accessibility Feature Inventory	This work involves onsite review of curbs, sidewalks, ramps, and identify junction boxes in any pedestrian facilities to make sure it meets ADA criteria. This work can be included in the Surveying Data. Ex. Curb ramps made 3 years ago don't meet standards and have to be documented, ripped out, redesigned and built to ADA criteria.	0116	Deliverable
PE.PD.06.20	Surveying Data	All work to collect, measure, and record ground topography necessary to build a base map for the project, including the work to prepare structural site data. This includes all work to establish project control, traversing, installing bench marks, etc. Contact Geographic Services/Geodetic Survey Branch as needed.	0117	Deliverable
PE.PD.06.20.01	Establish Geodetic Survey Control	Includes the establishment of horizontal and vertical datum references. Contact Geographic Services/Geodetic Survey Branch as needed.	0117	Deliverable
PE.PD.06.20.02	Establish Project Geometric Framework	Includes the establishment of project specific GPS calibration. Contact Geographic Services/Geodetic Survey Branch as needed.	0117	Deliverable
PE.PD.06.20.03	Geodetic Survey Monument Location	Includes the establishment of reference location (horizontal and vertical) of existing geodetic survey monuments that may be destroyed by the project. Contact Geographic Services/Geodetic Survey Branch as needed.	0117	Deliverable
PE.PD.06.20.04	Geodetic Survey Monument Re-establishment	Includes the establishment of replacement geodetic survey monuments that will be destroyed by the project. Contact Geographic Services/Geodetic Survey Branch as needed.	0117	Deliverable
PE.PD.06.20.05	Monitor Slope and Structure Movement	Measure surfaces to gather data for development of a surface model such as a digital elevation model, digital terrain model, or other three dimensional model. Contact Geographic Services/Geodetic Survey Branch as needed.	0117	Deliverable
PE.PD.06.20.06	Utility Location	Includes the establishment of the location of utilities. Contact Geographic Services/Geodetic Survey Branch as needed.	0117	Deliverable
PE.PD.06.20.07	Data Collection -Survey	Establish photo control targets for mapping purposes. Requires Project Geometric Framework. Contact GeoMetrix Office/Photogrammetry Branch as needed.	0117	Deliverable
PE.PD.06.20.08	Data Collection - 3D Terrestrial LiDAR (Laser Scanning)	Collect three dimensional point cloud for mapping purposes. Uses include structural as-built surface models, pavement surface models, feature location and more. Requires Project Geometric Framework. Contact GeoMetrix Office/Photogrammetry Branch as needed.	0117	Deliverable
PE.PD.06.20.09	Data Collection - Hydrographic Survey	Collect three dimensional data for mapping underwater surfaces. Requires Project Geometric Framework. Contact GeoMetrix Office/Photogrammetry Branch as needed.	0117	Deliverable
PE.PD.06.20.10	Data Collection - Field Topography	Includes collection of three dimensional data for mapping purposes. Typically used to supplement Photogrammetry and 3DTL in obscured areas. Requires Project Geometric Framework. Contact GeoMetrix Office/Photogrammetry Branch as needed.	0117	Deliverable
PE.PD.06.30	Basemap	Development of the project base map for Preliminary Engineering. This Work Op does not include Base Map work for Right of Way Plans, use Work Op 0119. Contact GeoMetrix Office/Photogrammetry Branch as needed.	0118	Deliverable
PE.PD.06.30.01	Data Processing - Photogrammetry	Create three dimensional surface models including digital terrain models, digital elevation models, triangular irregular models (TIN), contour maps, and ortho photos. Contact GeoMetrix Office/Photogrammetry Branch as needed.	0118	Deliverable
PE.PD.06.30.02	Data Processing - Point Cloud	Create three dimensional surface models. May contribute to the Photogrammetry process. Contact GeoMetrix Office/Photogrammetry Branch as needed.	0118	Deliverable
<b>PE.PD.07</b>	<b>WSF Vessels Design Work</b>	Vessels special design work	N/R	Header
PE.PD.07.01	Electrical Design	Electrical Design efforts – preparing drawings necessary to provide the shipyard with direction to install electrical systems, updating drawings with As Built conditions following the performance period, and providing electrical technical support to the Project Management team.	L101	Deliverable
PE.PD.07.02	Mechanical Design	Mechanical Design efforts– preparing drawings necessary to provide the shipyard with direction to install mechanical systems, updating drawings with As Built conditions following the performance period, and providing mechanical technical support to the Project Management team	G101	Deliverable
PE.PD.07.03	Hull Design	Hull Design efforts– preparing drawings necessary to provide the shipyard with direction to install steel/hull modifications, updating drawings with As Built conditions following the performance period, and providing steel/hull technical support to the Project Management team.	H101	Deliverable
PE.PD.07.04	Security Design - Mechanical	Mechanical design for preparing drawings necessary to provide the shipyard with direction to install mechanical systems required to support Security installations, updating drawings with As Built conditions following the performance period, and providing mechanical technical support to the Project Management team	G600	Deliverable
PE.PD.07.05	Security Design - Hull	Hull design for preparing drawings necessary to provide the shipyard with direction to install steel/hull modifications required to support Security installations, updating drawings with As Built conditions following the performance period, and providing steel/hull technical support to the Project Management team.	H600	Deliverable

New MDL Code	New MDL Name	Description new (in Notebook topic)	Work Op (rev)	Classification
PE.PD.07.06	Security Design - Electrical	Electrical design for installing Security systems.	L600	Deliverable
<b>PE.PD.10</b>	<b>Value Engineering</b>	A systematic process designed to focus on the major issues of a complex project or process.	N/R	Header
PE.PD.10.01	VE Study	A systematic process designed to focus on the major issues of a complex project or process. It uses a multi-disciplined team to develop recommendations for the decisions that must be made. The primary focus of a Value Engineering study is value improvement. See Design Manual Chapter 310 for details. All projects with a total estimated cost (construction, right of way, preliminary engineering, utilities, etc.) over \$25 million and any bridge project over \$20 million will need to have a VE Study.	0165	Deliverable
PE.PD.10.02	VE Final Report	The VE study Final Report and Workbook should include a narrative description of project input information, background and history, constraints and drivers, VE team focus areas, and a discussion of the team speculation, evaluation, and recommendations. All of other team's evaluation documentation including sketches, calculations, analysis, and rationale for recommendations must be included in the Workbook as part of the Final Report.	0165	Deliverable
PE.PD.10.03	VE Recommendations Response	The Project Team's responses to the VE Team recommendations, which is provided to the Regional Managers for use in developing the Decision Document. The VE Recommendations Response is documented on the Value Engineering Recommendation Approval Form. The project team completes it and send it to HQ VE Coordinator after they have evaluated quantified the actual savings or cost added.	0165	Deliverable
<b>PE.PD.12</b>	<b>Interchange Justification</b>	Evaluate when new or reconstructed access on limited access facilities will be affected. See Design Manual Chapter 550.	N/R	Header
PE.PD.12.01	Interchange Justification Report (IJR)	An IJR is required for new/reconstruction of accesses on limited access facilities. It is required to be submitted to the Access and Hearings Unit of the Headquarters Design Office. FHWA approval is required for all interstate highways. See Design Manual Chapter 550.	0121	Deliverable
<b>PE.PD.14</b>	<b>Access Control</b>	Evaluation of limited access and managed access components on WSDOT facilities. See Design Manual Chapters 520, 530 and 540.	N/R	Header
PE.PD.14.01	Managed Access Permit	All new access connections and alterations/improvements to existing access connections to state highways require an access connection permit. See Design Manual Chapter 520 and 540.	0129	Deliverable
PE.PD.14.02	Hearings	Certain capital transportation projects require a public hearing by state and federal statutes. See Design Manual Chapter 210	0120	Deliverable
PE.PD.14.03	Limited Access Hearing	An L/A hearing is required by law (per RCW 47.52) whenever limited access is established or revised on new or existing highways. (See Design Manual Chapter 210)	0120	Deliverable
PE.PD.14.04	Limited Access Report & Plans	The access report and plans notifies the local agency how the limited access will impact their transportation system. The access report and plans are submitted to the HQ Access and Hearings Unit for approval. The Local Agency(ies) must concur with the Access Report. See Design Manual Chapter 210 & 530 and the Plans Preparation Manual Section 100.05.	0120	Deliverable
PE.PD.14.05	Limited Access Hearing Packet	The prehearing packet (including legal notices, news releases, and exhibits) is prepared and submitted to HQ Access Office at least 45 days prior to the hearing. This packet will be sent to abutting owners. See Design Manual Chapter 210.	0120	Deliverable
PE.PD.14.06	Formal Access Hearing	<b>Milestone</b> - A formal hearing that gives local public officials, owners of abutting property, and other interested citizens an opportunity to be heard concerning any plan that proposes the limitation of access to the highway system. See Design Manual Chapter 210.	N/R	Milestone
PE.PD.14.07	Limited Access Findings & Order	A document containing the findings and conclusions of a limited access hearing that is approved by the Environmental and Engineering Programs Director. See Design Manual Chapter 210.	0120	Deliverable
PE.PD.14.08	Adoption of Limited Access Findings & Order	<b>Milestone</b> - The date of formal adoption of the Findings and Order for limited Access. See Design Manual Chapter 210.	N/R	Milestone
PE.PD.14.09	Design Hearing Packet	When it is determined that a hearing is to be held, the region prepares a pre-hearing packet. See Design manual Chapter 210 for details.	0120	Deliverable
PE.PD.14.10	Design Hearing	A Design Hearing is required when there are social, economic, or environmental impacts. This hearing is held after a route is established, but before final design is complete and ensures the public has an opportunity to present views on design alternatives. This hearing may be formal or informal. See Design Manual Chapter 210.	0120	Deliverable
PE.PD.14.11	Adoption of Design Hearing Summary	A document containing the Design Hearing Summary and responses to all questions as a result of the hearing. State Design Engineer approves the summary for state routes, and FHWA approves the summary for interstate projects. Submitted to HQ Access & Hearings Section within two months following hearing. See Design Manual Chapter 210.	0120	Deliverable
PE.PD.14.12	Corridor Hearing	A Corridor hearing is required if there is a proposed route on new location, or a significant change in layout of connecting roads. See Design Manual Chapter 210	0120	Deliverable
PE.PD.14.13	Adoption of Corridor Hearing Summary	A document containing the Corridor Hearing Summary and responses to all questions as a result of the hearing. The Director of Environmental and Engineering Programs approves the summary for state routes. Submitted to HQ Access & Hearings Section within two months following hearing. See Design Manual Chapter 210.	0120	Deliverable
PE.PD.14.14	Environmental Documentation Hearing	Normally held for projects requiring an EIS, the hearing is timed to fall within the comment period for the Draft EIS.	0120	Deliverable
PE.PD.14.15	Adoption of Environmental Hearing Summary	A document containing the Environmental Hearing Summary and responses to all questions as a result of the hearing. The Director of Environmental and Engineering Programs approves the summary for state routes. Submitted to HQ Access & Hearings Section within two months following hearing. See Design Manual Chapter 210.	0120	Deliverable
<b>PE.PD.16</b>	<b>Materials (Roadway)</b>	Development of soils, surfacing, and materials reports for project.	N/R	Header

New MDL Code	New MDL Name	Description new (in Notebook topic)	Work Op (rev)	Classification
PE.PD.16.01	Pavement Determination	Preliminary recommendations for surfacing materials. See WSDOT pavement interactive guide at <a href="http://www.wsdot.wa.gov/MaintOps/mats/pavementguide.htm">http://www.wsdot.wa.gov/MaintOps/mats/pavementguide.htm</a>	01G6	Deliverable
PE.PD.16.02	Surfacing/Resurfacing Report	A report that lists the recommendations for type, size, & depth of surfacing for each roadway and recommendations for rehabilitation of existing roadways	01G6	Deliverable
PE.PD.16.03	Materials Source Report	A report on a specific WSDOT material source that verifies the quality and quantity of the material requested	01G6	Deliverable
<b>PE.PD.18</b>	<b>Geotechnical Evaluations</b>	Development of Geotechnical reports for project.	N/R	Header
PE.PD.18.01	Preliminary Site Data	Preliminary Site information provided to RME by the project design office (specific to the type of project) to initiate geotechnical work on a project during the Scoping/Project Definition phase. See Design Manual Chapter 610	N/R	Header
PE.PD.18.02	Conceptual Geotechnical Report	RME/HQ Geotechnical will provide recommendations at the conceptual / feasibility level. Some soil borings may be drilled at this time depending upon project scope and available information.	01G1; 01G2; 01G3; 01G4; 01G5; 01G6	Deliverable
PE.PD.18.03	Project Site Data	Site information provided to RME by the project design office (specific to the type of project) to initiate geotechnical work on a project during the design and PS&E phases. See Design Manual Chapter 610	0116	Deliverable
PE.PD.18.04	RME Geotech Report(s)	Region Geotechnical Report containing geotechnical recommendations and information applicable to the project. There is a possibility of multiple reports, depending upon the scope and complexity of the project.	01G6	Deliverable
PE.PD.18.05	HQ Geotechnical Report(s)	HQ Geotechnical Report containing geotechnical recommendations and information applicable to the project. There is a possibility of multiple reports, depending upon the scope and complexity of the project.	01G1; 01G2; 01G3; 01G4; 01G5;	Deliverable
<b>PE.PD.20</b>	<b>Roadway Geometrics and Plans</b>	Development of earthwork design and channelization design. Also includes minor safety design and documentation.	N/R	Header
PE.PD.20.01	Roadway Design	Finalization of the horizontal and vertical alignments for each roadway in the project, see Design Manual Chapters 1210 & 1220	0174	Deliverable
PE.PD.20.02	Alignment Plan	Horizontal and vertical alignment plans for each roadway in the project, see Design Manual Chapters 1210 & 1220	0174	Deliverable
PE.PD.20.03	Intersection Plan for Approval	A plan that address the intersection design considerations in accordance with Design Manual Chapter 1310	0174	Deliverable
PE.PD.20.04	Interchange Plan for Approval	A plan that address the interchange design considerations in accordance with Design Manual Chapter 1360	0174	Deliverable
PE.PD.20.05	Channelization Plan	A plan that address the channelization design considerations in accordance with Design Manual Chapter 1310	0174	Deliverable
PE.PD.20.06	Project footprint & Earthwork Quantities	The Project Footprint & Earthwork Quantities are calculations that determine the cut/fill lines and project footprint, and the earthwork cut/fill quantities that specialty groups such as Environmental and Real Estate need to start their processes. These lines and quantities help identify if the project extends beyond WSDOT R/W, which determine the need for Right of Way acquisition. They also define the limits of the Area of Potential Effect map, which must be developed prior to the Section 106 cultural investigation and other Environmental documentation. The project footprint and earthwork quantities are critical for the NEPA/SEPA process, and Environmental permits such as the NPDES. See Design Manual Chapter 1600	0174	Deliverable
PE.PD.20.07	Roadway Sections	Geometric roadway cross section from the subgrade to finish grade	0174	Deliverable
PE.PD.20.08	Roadside Safety Analysis	Address items on the Clear Zone Inventory and any other safety items that have been discovered including documenting a decision to fix or not. Design Manual Chapter 1600	0174	Deliverable
PE.PD.20.09	Minor Safety Documentation	Paving projects (P1) have opportunities to improve minor deficiencies as part of the preservation work. See Design Manual Chapter 1120	0176	Deliverable
PE.PD.20.10	Corridor or Project Analysis	If completed - a corridor or project analysis in accordance with Design Manual Chapter 300	0174	Deliverable
<b>PE.PD.22</b>	<b>Hydraulics</b>	The Hydraulic Report is intended to serve as a complete documented record containing the engineering justification for all drainage modifications that occur as a result of the project. See Hydraulics Manual.	N/R	Header
PE.PD.22.01	Type A Hydraulic Report	Type A Hydraulic Reports contain documentation of design for major hydraulic work. See the Hydraulics Manual.	146, 147	Deliverable
PE.PD.22.02	Type B Hydraulic Report	Type B Hydraulics Reports contain documentation of design for hydraulics. See the Hydraulics Manual.	146, 147	Deliverable
PE.PD.22.03	Hydraulic Summary	At the Region's discretion, smaller projects may replace a Type B report with a Hydraulic Summary, see the Hydraulics Manual and Region Hydraulics Engineer for more information.	146, 147	Deliverable
PE.PD.22.04	Specialized Hydraulics Design and Analyses	Specialized hydraulic design and analyses are stream designs, floodplain analyses, bridge backwater analyses, scour analyses, fish passage designs, and other HQ Hydraulics roles and responsibilities. See Hydraulics Manual Section 1-2.	146, 147	Deliverable
PE.PD.22.05	Hydraulic Report Approved	<b>Milestone</b> - Hydraulic Report Approved for project.	N/R	Milestone
<b>PE.PD.24</b>	<b>Partnerships</b>	A contract entered into by two or more groups.	N/R	Header
PE.PD.24.01	Local Agencies Agreements/MOU's	A contract between the Washington State Department of Transportation and a local governmental agency that includes an offer and an acceptance. Agreements are necessary to accomplish the transfer of funds into and out of state accounts for goods and services.	0109	Deliverable
PE.PD.24.02	Other Agencies Agreements/MOU's	A contract between the Washington State Department of Transportation and other governmental agencies or non-governmental agencies that includes an offer and an acceptance. Agreements are necessary to accomplish the transfer of funds into and out of state accounts for goods and services.	0109	Deliverable

New MDL Code	New MDL Name	Description new (in Notebook topic)	Work Op (rev)	Classification
PE.PD.24.03	Tribal Agreements/MOU's	A contract between the Washington State Department of Transportation and a tribal government that includes an offer and an acceptance. Agreements are necessary to accomplish the transfer of funds into and out of state accounts for goods and services.	0109	Deliverable
PE.PD.24.04	Developer Agreements/MOU's	A contract between the Washington State Department of Transportation and a private developer that includes an offer and an acceptance. Agreements are necessary to accomplish the transfer of funds into and out of state accounts for goods and services.	0109	Deliverable
<b>PE.PD.26</b>	<b>Railroad</b>	Communication and tasks related to Railroads. Contact the Region Utilities Office.	N/R	Header
PE.PD.26.01	Preliminary Relocation Plan	A plan that shows railroad facility relocations/adjustments by WSDOT and needs preliminary design plans.	0158	Deliverable
PE.PD.26.02	Existing Railroad Facilities Located	Locate existing railroad facilities in the field.	0158	Deliverable
PE.PD.26.03	Existing Railroad Facility Plan	A plan showing the location of known railroad facilities. This plan should include all additional data acquired to insure the accuracy needed for the project.	0158	Deliverable
PE.PD.26.04	Updated Railroad Facility Location Plan	An update and/or enhancement of the quality of the railroad location information.	0158	Deliverable
PE.PD.26.05	Railroad Facilities Relocation Plan	A plan showing railroad relocations/adjustments by DOT.	0158	Deliverable
PE.PD.26.06	Railroad Agreements	A contract between the Department and a railroad for work by either party where the department will receive or pay funds.	0158	Deliverable
<b>PE.PD.28</b>	<b>Right of Way (R/W) Engineering</b>	Property required for a public facility, includes square footage, access rights, easements, and any property impacts as defined in the Right of Way Manual Division 6.	N/R	Header
PE.PD.28.01	R/W Base Map & R/W Plans	Preparation of the base map to depict property ownership lines, alignments, and Right of Way boundaries for use as a PS& E plan/profile or Right of Way plan. Includes title report work, right of entry, calculation of areas & property corners, construction permits & easements, preparation, review, and submission of relocation plans. Also includes drafting of alignments, Right of Way lines, drainage and irrigation easements, and maps and plans for hardships or other special cases.	0119	Deliverable
PE.PD.28.02	Preliminary Right of Way	Determination of approximately how much additional Right of Way will be needed to construct the project. Includes any property impacts as defined in the Right of Way Manual Division 6.	0119	Deliverable
PE.PD.28.03	R/W Plans	R/W Plans are submitted to the Region R/W Plans Office for review and transmittal to HQ for approval in accordance with Plans Preparation Manual (PPM) Divisions 1 and 2	0119	Deliverable
PE.PD.28.04	Sundry Site Plans	Legal Document/Right of Way Plan showing boundary of property to be acquired by WSDOT that is not adjacent to highway right of way. Typically these would include mitigation sites, stormwater treatment areas, and maintenance sites.	0119	Deliverable
PE.PD.28.05	DNR Plat	Legal Document prepared by WSDOT HQ R/W Plans Office showing a survey of property to be acquired from the Department of Natural Resources - Either uplands or aquatic	0119	Deliverable
PE.PD.28.06	Monumentation Map	The official state survey document for state highway R/W alignment, see Plans Preparation Manual (PPM) Divisions 1 and 2	0119	Deliverable
PE.PD.28.07	Record of Survey	Public Record filed with the County Auditor used to preserve the evidence of land surveys. The content and format of Record of Surveys are prescribed by law.	0119	Deliverable
PE.PD.28.08	Land Corner Records	Written record of corner information as prescribed by the Department of Natural Resources, used to perpetuate or establish land corners and their accessories.	0119	Deliverable
PE.PD.28.09	Permit to Destroy	Application made to Department of Natural Resources requesting permission to remove or destroy monuments or make them inaccessible.	0119	Deliverable
PE.PD.28.10	Ownership Interests and Encumbrances (Title Reports)	A legal records that defines property interest and boundaries needed to prepare the R/W Plans.	0119	Deliverable
PE.PD.28.11	Right-of-Way Project Funding Estimate (PFE)	The Project Funding Estimate (PFE) is submitted to Program Management for funding approval to begin the RW phase of the project. All RW labor costs associated with preparation of the PFE. Ideally, it is completed by an appraiser, an appraisal reviewer, and a relocation expert and is prepared for every project in which right of way will be acquired.	0119	Deliverable
PE.PD.28.12	Right of Entry	Field investigations and field explorations, other than land surveying, that are obtrusive in nature require a Right of Entry from the property owner. RCW 47.01.170	0119	Deliverable
PE.PD.28.13	Right of Way and Limited Access Plan Approval	The checking of Right of Way and Limited Access plans against technical standards for the project and the preparation of federal and state Right of	0124	Deliverable
PE.PD.28.14	R/W Plan Approved	<b>Milestone</b> - HQ R/W Plans Section makes the final review and then the Plan is stamped & signed by the responsible Project Engineer. Right of Way acquisition cannot begin without plan approval. See Plans Preparation Manual (PPM) Divisions 1 and 2	N/R	Milestone
<b>PE.PD.30</b>	<b>FACILITIES</b>	The design of facilities and buildings, including architectural, structural, mechanical, electrical, and landscape architecture aspects. These buildings and facilities include highway safety rest areas, ferry terminals, and other facilities.	N/R	Header
PE.PD.30.01	Site Design Plan (Facility)	All work to develop, review and finalize design criteria, plans and specifications for all site grading, stormwater, utilities, roadways, parking lots, and other landscape architecture or civil engineering tasks associated with new or alterations to existing buildings, structures or facilities.	01F1	Deliverable
PE.PD.30.02	Architectural Design Plan	All work to develop, review and finalize design criteria, plans and specifications for all site layout, building design (floor plans, elevations) and other architectural tasks associated with new or alterations to existing buildings, structures or facilities.	01F2	Deliverable
PE.PD.30.03	Facilities Structural Plan	All work to develop, review and finalize design criteria, plans and specifications for all structural design of buildings and other structural tasks associated with new or alterations to existing buildings, structures or facilities.	01F3	Deliverable

New MDL Code	New MDL Name	Description new (in Notebook topic)	Work Op (rev)	Classification
PE.PD.30.04	Facility Mechanical Plan	All work to develop, review and finalize design criteria, plans and specifications for all plumbing, HVAC, steam lines, and other facility mechanical tasks associated with new or alterations to existing buildings, structures or facilities.	01F4	Deliverable
PE.PD.30.05	Facility Electrical Plan	All work to develop, review and finalize design criteria, plans and specifications for all electrical design and other facility electrical tasks associated with new or alterations to existing buildings, structures or facilities.	01F5	Deliverable
PE.PD.30.06	Site Restoration Plan	All work to develop, review and finalize design criteria, plans and specifications for all finish grading, plantings and irrigation and other landscape architecture tasks associated with new or alterations to existing buildings, structures or facilities.	01F6	Deliverable
<b>PE.PD.32</b>	<b>Roadside Restoration and Site Development</b>	Work to meet the policies of the Roadside Classification plan and to meet regulatory requirements. The funding type determines the limits of roadside restoration, and the character classification determines the appropriate treatment.	N/R	Header
PE.PD.32.01	Roadside Master Plan	A Roadside Master Plan may be prepared for a route or portion of a route where conditions require coordination of planning, design, construction, and maintenance activities with anticipated route development, construction projects, environmental or other commitments, and/or a special route	0162	Deliverable
PE.PD.32.02	Restoration Estimate Worksheet	Region Landscape Architects or the HQ Roadside and Site Development Section prepares a restoration estimate which includes all costs to restore and establish a sustainable plant community per the Roadside Classification Plan, 1996, and the <i>Roadside Manual</i> Chapter 810.	0162	Deliverable
PE.PD.32.03	Roadside Restoration Plan	All landscape architecture work to develop, review and finalize design criteria, reports, plans, and specifications related to roadside restoration associated with new or alterations to existing roadway projects. See the Roadside Classification Plan and Roadside Manual Chapter 800.	0162	Deliverable
PE.PD.32.04	Irrigation Plan	All landscape architecture work to develop, review and finalize design criteria, reports, plans and specifications relating to irrigation, including Irrigation Structure notes and details. See Plans Preparation Manual (PPM) 400.06	0163	Deliverable
PE.PD.32.05	Aesthetics Treatment Plan	All landscape architecture work to develop, review and finalize design criteria, reports, plans, and specifications related to architectural treatment and visual aspects of projects associated with new or alterations to existing roadway projects. See Design Manual Chapter 950 and Visual Discipline Reports for project.	0161	Deliverable
PE.PD.32.06	Mitigation Design and Plan Sheets	All landscape architecture work to develop, review and finalize design criteria, reports, plans, and specifications associated with permit requirements for mitigation and environmental restoration.	0139	Deliverable
PE.PD.32.07	Plant Establishment Implementation Plan	All landscape architecture work to develop, review and finalize criteria during design including reports, plans, and specifications related to plant establishment requirements associated with roadside or mitigation design.	0164	Deliverable
<b>PE.PD.34</b>	<b>Traffic Analysis</b>	The determination of whether or not the proposed improvement(s) will satisfy future capacity needs and/or establishment of the requirements necessary for the facility to operate at an acceptable level of service through the design year. Refer to Design Manual 320.	N/R	Header
PE.PD.34.01	Collision Data	Validate accident data. Update / supplement if necessary	0150	Deliverable
PE.PD.34.02	Preliminary Traffic Analysis Report	A report that identifies safety and/or capacity deficiencies and provides recommendations including geometric configurations, intersection control, and appropriate traffic control devices.	0150	Deliverable
PE.PD.34.03	Traffic Volumes & Movements	Validate traffic counts. Update / supplement if necessary	0150	Deliverable
PE.PD.34.04	Traffic Model	Validate traffic model. Update/supplement if necessary	0150	Deliverable
PE.PD.34.05	Traffic Analysis Report	Finalize traffic analysis report	0150	Deliverable
PE.PD.34.06	Bus Stop Inventory	Design decisions . Approval, denial, or variance per engineering and traffic considerations.	0150	Deliverable
PE.PD.34.07	Intersection Control Alternatives Analysis	Required by DM 1310 when a signal or roundabout is proposed on a state route with a posted speed limit of 45 MPH or higher. However it is recommended that any new intersection or reconstruction of an existing intersection be evaluated for the selection of appropriate intersection control. If a signal is proposed, the analysis must include the signal warrant analysis.	0150	Deliverable
<b>PE.PD.36</b>	<b>Traffic Design &amp; Plans</b>	Gathering of traffic data and development of Traffic reports, studies, designs, and plans.	N/R	Header
PE.PD.36.01	Signing Design & Plans	Document project specific design decisions, deviations, justifications, and other approvals. Request soils investigation, foundation design, utility service agreement. Develop plan sheets in accordance with Plans Preparation Manual (PPM) 400.06. Includes sign specification sheets and details. See also Design Manual Chapter 1020.	01TA	Deliverable
PE.PD.36.02	Illumination Design & Plans	Document project specific design decisions, deviations, justifications, and other approvals. Request soils investigation, foundation design, utility service agreement. Develop plans that show street lighting, including Q-tabs and details. See Plans Preparation Manual (PPM) 400.06. See also Design Manual Chapter 1040	01TB	Deliverable
PE.PD.36.03	Signal Design & Plans	Document project specific design decisions, deviations, justifications, and other approvals. Request soils investigation, foundation design, traffic volume and turning movements counts, Speed Study, utility service agreement. Plans developed by the Region or HQ Traffic Office, including details. See Plans Preparation Manual (PPM) 400.06. See also Design Manual Chapter 1330	01TC	Deliverable

New MDL Code	New MDL Name	Description new (in Notebook topic)	Work Op (rev)	Classification
PE.PD.36.04	Traffic Signal Permit	State statutes (RCWs) require Department of Transportation approval for the design and location of all conventional traffic signals, ramp meters and some types of beacons located on city streets forming parts of state highways. Approval by the Department of Transportation for the design, location, installation, and operation of all other traffic control signals installed on state highways is required by department policy. The Traffic Signal Permit (DOT Form 242-014 EF) is the formal record of the department's approval of the installation and type of signal. The permit is completed by the responsible agency and submitted to the Regional Administrator for approval.	01TC	Deliverable
PE.PD.36.05	ITS Design & Plans	Document project specific design decisions, deviations, justifications, and other approvals. Request soils investigation, foundation design, utility service agreement. Plans normally developed by the Region Traffic Office that show how to construct Intelligent Transportation Systems, including details. See Plans Preparation Manual (PPM) 400.06. See also Design Manual Chapter 1050	01TD	Deliverable
<b>PE.PD.38</b>	<b>Utilities</b>	The Utility Accommodation Team evaluates and authorizes the installation of utilities and other facilities or activities within the state highway right of way.	N/R	Header
PE.PD.38.01	Existing Utilities Located	Locate existing utilities in the field to level of accuracy required. Can vary from quality level D (most basic) to quality level A (Subsurface Utility Engineering (SUE)). See Utilities Manual.	0160	Deliverable
PE.PD.38.02	Existing Utility Plan	A plan showing the location of known aerial and underground utility facilities. This plan should include all additional data acquired to insure the accuracy needed for the project.	0160	Deliverable
PE.PD.38.03	Utility Relocation Plan	A plan showing utility relocations/adjustments by DOT.	0160	Deliverable
PE.PD.38.04	Utility Agreements	A contract between the Department and a utility for work by either party where the department will receive or pay funds.	0160	Deliverable
<b>PE.PD.40</b>	<b>Work Zone Traffic Control (WZTC) - Design &amp; Plans</b>	The planning, design, and preparation of the Transportation Management Plan and contract documents for the modification of traffic patterns during construction is known as work zone traffic control. See Design Manual Chapter 1010.	N/R	Header
PE.PD.40.01	Work Zone Traffic Control Meeting	A meeting with the Work Zone Traffic Control (WZTC) design team, construction office, and other stakeholders to discuss various traffic control strategies for the project. See Design Manual Chapter 1010.	0154	Deliverable
PE.PD.40.02	Transportation Management Plan (TMP)	Includes the plans and actions to address the work zone safety and mobility impacts of the project. A TMP document is required for significant projects. See Design Manual Chapter 1010.	0154	Deliverable
PE.PD.40.03	Staging Design	Development of a construction sequence/staging strategy that is efficient, cost effective, and safe. See Design Manual Chapter 1010.	0154	Deliverable
PE.PD.40.04	Traffic Control Plans	Temporary Traffic Control strategies developed into site specific, project specific or typical traffic control plans. see Plans Preparation Manual (PPM) Chapter 460 and Design Manual Chapter 1010.	0154	Deliverable
PE.PD.40.05	Detour Plan	Plans that show the route to be used as a detour while the project is being constructed. See Plans Preparation Manual (PPM) 400.06	0154	Deliverable
<b>PE.PD.42</b>	<b>Design Documentation</b>	Design documentation is prepared to record the evaluations by the various disciplines that result in design recommendations. See Design Manual Chapter 300	N/R	Header
PE.PD.42.01	Design Approval	<b>Milestone-</b> (May be delayed/combined with Project Development Approval) Design approval includes: a memo that describes the project, Project Summary Documents, Design Criteria, Design Variances, known deviations, applicable Channelization plans, Intersection plans, Interchange plans, or Alignment plans and a current cost estimate. See Design Manual Chapter 300	N/R	Milestone
PE.PD.42.02	Design Documentation Package	A compilation of assumptions, decisions, justifications, and approvals that support the ultimate design of the project, to include review of the package. This file is designated for long term storage in accordance with WSDOT's document retention policies. See Design Manual-Chapter 300	0172	Deliverable
PE.PD.42.03	ADA Accessibility Design Documentation	ADA Accessibility of existing Pedestrian Facilities to the Maximum Extend Feasible Documentation . See Design Manual Chapter 1510	0172	Deliverable
PE.PD.42.04	Deviation	A documented decision granting approval at project specific locations to differ from the design level specified in the Design Manual. DM Chapters 300 and 1100.	0172	Deliverable
PE.PD.42.05	Evaluate Upgrade	Documentation of whether or not to correct an existing design element as designated in the design matrices. DM Chapters 300 and 1100	0172	Deliverable
PE.PD.42.06	Design Exception	Preauthorization to exclude improvement of an existing design element for various types of projects, as designated in the design matrices. See Chapters 300 and 1100. A DE designation indicates that the design element is normally outside the scope of the Project Type.	0172	Deliverable
PE.PD.42.07	Project Development Approval	<b>Milestone-</b> Final approval of all project development documents by the designated representative of the approving organization prior to the advertisement of a capital transportation project. See Design Manual	N/R	Milestone
<b>PE.PD.44</b>	<b>Design-Build Procurement</b>	The process resulting in an executed contract that represents the best value to the public. All work involved in the solicitation for interest, preparation and distribution of the RFP package, including the request for qualifications (RFQ), evaluation criteria, selection procedures and technical requirements for the design and construction. (Note: Review Contract Ad & Award and Construction Milestones for additional Design Build Reporting Milestones.)	N/R	Header
PE.PD.44.01	Request For Qualifications (RFQ) Preparation	The Request For Qualifications (RFQ) is a document asking interested proposing teams to submit a Statement of Qualifications (SOQ). The RFQ gives a general description of the project and the attributes desired of prospective proposers. It provides specific terms for the submittal of the SOQ and how it will be scored.	0190	Deliverable
PE.PD.44.02	Publish Request for Statements of Qualifications (RFQ)	<b>Milestone -</b> The date the Request for Statements of Qualifications (RFQ) is issued or published	N/R	Milestone

New MDL Code	New MDL Name	Description new (in Notebook topic)	Work Op (rev)	Classification
PE.PD.44.03	Shortlist Bidders Selected	<b>Milestone</b> - The date the shortlist of selected bidders is issued; these bidders may submit a proposal in response to the subsequent RFP. This is the result of the review of the SOQ documents submitted by prospective proposers.	N/R	Milestone
PE.PD.44.04	Request For Proposal (RFP) preparation	The final Request for Proposals document is the official notice to interested proposing teams to prepare and submit proposals, with the project's technical criteria and requirements. The issuance of the RFP is considered the Advertisement of the contract - see that Performance Reporting Major Milestone.	0190	Deliverable
PE.PD.44.05	Publish Request for Proposals (RFP)	<b>Milestone</b> - The date the Request for Proposals (RFP) is issued or circulated.	N/R	Milestone
PE.PD.44.06	Request For Proposal (RFP) evaluation	A systematic evaluation and scoring of the technical portions of the proposals. Teams of Advisors review specific sections of the proposals in accordance with the terms of the RFP and ITP and make comments and assign score values. They report to the Evaluators who compile and finalize the technical score for each of the proposals. This activity begins on the Proposal Due Date.	0190	Deliverable
PE.PD.44.07	Best Value Determination	<b>Milestone</b> - The date of the bid opening for DB Proposals. The DB Price proposals are opened, then combined with the technical score to yield a net or best value. Generally, the technical score is subtracted from the price of qualified proposals to arrive at the net value. An Apparent Best Value proposer is announced at this point.	N/R	Milestone
<b>PE.PD.50</b>	<b>Contract Plan Sheets Preparation</b>	Development of the Contract Plan sheets. See Plans Preparation Manual (PPM) M22-31. This task may be used as a hammock task for uniform resource loading the effort involved with contract plan preparation. This task is used when the plan sheet deliverables are constrained by other activities or dates and are not resource loaded. When used, this task will have no constraints, in order to have the task span the entire duration of plan preparation (parent or summary activity).	N/R	Header
PE.PD.50.01	Index	Required on all projects with 30 plan sheets or more, see Plans Preparation Manual (PPM) 400.06 and 400.06(3)	0178	Deliverable
PE.PD.50.02	Vicinity Map	A plan sheet that is required for all projects to show the approximate location of the project on the state route, see Plans Preparation Manual (PPM) 400.06	0178	Deliverable
PE.PD.50.03	Summary of Quantities	These plans are a complete tabulation of all bid items and pay quantities required for the project, see Plans Preparation Manual (PPM) 400.06	0178	Deliverable
PE.PD.50.04	Reclamation Plans	Plans that are required on all WSDOT projects that contain a WSDOT furnished material source, including borrow, pit, quarry, stockpile, waste site, and reclamation plans. See Plans Preparation Manual (PPM) 700.05(34); 400.06(6)	0178	Deliverable
PE.PD.50.05	Roadway Section Plans	Plans that show the geometric roadway cross section from subgrade up to finished grade, see Plans Preparation Manual (PPM) 400.06(7)	0178	Deliverable
PE.PD.50.06	Grading Section Plans	Plans that show finished ground contours, see Plans Preparation Manual (PPM) 400.06(8)	0178	Deliverable
PE.PD.50.07	Stage Construction Plans	These plans show the different stages required to construct the project. See Plans Preparation Manual (PPM) 400.06	0178	Deliverable
PE.PD.50.08	Alignment / Right of Way Plans	Plans that contain horizontal alignment & R/W information, see Plans Preparation Manual (PPM) 400.06(10)	0178	Deliverable
PE.PD.50.09	Quantity Tabs	Plans that tabulate quantities and identifies locations and notes pertaining to specific bid items, see Plans Preparation Manual (PPM) 400.06(9); Appendix 1	0178	Deliverable
PE.PD.50.10	Site Preparation Plans	These plans show existing topography, removal & demolition work, see Plans Preparation Manual (PPM) 400.06(11)	0178	Deliverable
PE.PD.50.11	Existing Utilities Plan	This is an extension of the Site Preparation Plan and is only required if the existing utilities are so extensive that they cannot be clearly shown of the site preparation plans. See Plans Preparation Manual (PPM) 400.06(16)	0178	Deliverable
PE.PD.50.12	Environmental and/or Wetland Mitigation Plans	A plan sheet that identifies wetland mitigation. See Plans Preparation Manual (PPM) 400.06(19)	0178	Deliverable
PE.PD.50.13	Roadway Profiles	Plans that identify a change in the vertical alignment of the roadway, see Plans Preparation Manual (PPM) 400.06(12)	0178	Deliverable
PE.PD.50.14	TESC Plans	These plans are required if the project involves land disturbance, to include Q-tabs, Plan sheets, and Details. see Plans Preparation Manual (PPM) 700.05(30); 400.06	0178	Deliverable
PE.PD.50.15	Drainage Plans	Plans that show how the drainage system relates to the rest of the project, including Drainage Structure Notes, Drainage Profiles, and Drainage Details. See Plans Preparation Manual (PPM)-400.06(14)(15)(16)	0178	Deliverable
PE.PD.50.16	Utility Plans	Plans that are required when there is work on existing utilities as part of the contract, to include Utility Structure Notes and utility details. See Plans Preparation Manual (PPM) 400.06	0178	Deliverable
PE.PD.50.17	Interchange Contours	Plan sheets showing the contour grading of interchanges. See Plans Preparation Manual (PPM) 400.06(17)	0178	Deliverable
PE.PD.50.18	Paving Plans	Plans that show total roadway widths to be paved, including Q-tabs and details. See Plans Preparation Manual (PPM) 400.06(18)	0178	Deliverable
PE.PD.50.19	Pavement Marking Plans	Plans that show the type and location of pavement markings for the project, including Q-tabs and details. See Plans Preparation Manual (PPM) 400.06(18)	0178	Deliverable
PE.PD.50.20	Minor Structures Plans	Plans that show the information required to construct retaining walls, etc. Includes Q-tabs, profiles, and details. See Plans Preparation Manual (PPM) 400.06(21)	0178	Deliverable
<b>PE.PD.60</b>	<b>Contract Specifications Development</b>	Development of Contract Provisions. See Plans Preparation Manual (PPM).	N/R	Header

New MDL Code	New MDL Name	Description new (in Notebook topic)	Work Op (rev)	Classification
PE.PD.60.01	Contract Specifications	Development of Contract Provisions, Amendments, General Special Provisions, and appendices. See Plans Preparation Manual (PPM) Division 6.	0179	Deliverable
PE.PD.60.02	Summary of Geotechnical Conditions	HQ Geotechnical and/or Region Materials prepares summary of geotechnical conditions for inclusion into the PS&E as Appendix B.	0141	Deliverable
<b>PE.PD.65</b>	<b>Construction Estimate Development</b>	Development of Contract Estimates for costs and time. See Plans Preparation Manual (PPM).	N/R	Header
PE.PD.65.01	Basis of Estimate (BOE)	The BOE is characterized as <i>the one deliverable that defines the scope of the project</i> , and ultimately becomes <i>the basis for change management</i> . When the BOE is prepared correctly, our customers can use it to understand and assess the estimate, independent of any other supporting documentation. A well-written BOE achieves these goals by clearly and concisely stating the purpose of the prepared estimate (i.e., cost study, project options, benefit/cost study, funding, etc.), the project scope, pricing basis, allowances, assumptions, exclusions, cost risks and opportunities, and any deviations from standard practices. The BOE is a documented record of pertinent communications that have occurred and agreements that have been made between the estimator and other project stakeholders.	0167	Deliverable
PE.PD.65.02	Engineer's Cost Estimate of Construction	An estimate used to initiate funds for the construction activity and to evaluate the contractor's bids, see Plans Preparation Manual (PPM) Division 8. See also DM Chapter 300	0167	Deliverable
PE.PD.65.03	Lump Sum Breakout	Calculations for determining estimate of Lump Sum items.	0167	Deliverable
PE.PD.65.04	Working Day Estimate	Contract time determined in accordance with Plans Preparation Manual (PPM) Appendix A6	0167	Deliverable
<b>PE.PD.70</b>	<b>Construction Permits</b>	Development and documentation of permits from other public agencies for work to be done outside of WSDOT right of way and within other public agency right of way.	N/R	Header
PE.PD.70.01	Construction Permits	Construction Permits accommodate WSDOT activities on public owned right of way. See Design Manual, Chapter 510.	0182	Deliverable
PE.PD.70.02	Aquatic Lands Use Authorization	For projects involving aquatic lands contact Real Estate Services. Responsible Agency: Department of Natural Resources.	0182	Deliverable
PE.PD.70.03	Authorization for use of federal land	This permit is required for construction of roads, utility lines, and associated uses, such as staging areas for construction or borrow pits, on federal lands. Responsible agency: USFS and BLM.	0182	Deliverable
PE.PD.70.04	Haul Road and Detour Agreement	When the project provides a materials source, or requires traffic to be detoured from the state highway, the region is required to acquire agreements with the owners of the roads (usually cities or counties) that will be used as the haul route or the detour route. See Plans Preparation Manual (PPM) 700.05(14)	0182	Deliverable
PE.PD.70.05	Turnback Agreement	Areas for relinquishment are areas that the state acquires for the improvement or construction of roads that will not remain a part of the highway system. See Plans Preparation Manual (PPM) 100.03	0182	Deliverable
<b>PE.PD.75</b>	<b>Constructability Reviews</b>	To develop a quality project, WSDOT uses a series of reviews at predetermined stages of project development. These reviews, called constructability reviews, attempt to ensure that: project development process is on schedule; project definition and estimates are correct; project is buildable; project is maintainable; and project documents are biddable.	N/R	Header
PE.PD.75.01	Scoping Phase Review (PDR)	Scoping Phase Review. See Deliverable Expectation Matrix & Project Management On-line Guide (PMOG) <a href="http://www.wsdot.wa.gov/Projects/ProjectMgmt/">http://www.wsdot.wa.gov/Projects/ProjectMgmt/</a>	0180	Deliverable
PE.PD.75.02	0% Constructability Review	Transitional / Design Re-Start Review. See Deliverable Expectation Matrix & Project Management On-line Guide (PMOG) <a href="http://www.wsdot.wa.gov/Projects/ProjectMgmt/">http://www.wsdot.wa.gov/Projects/ProjectMgmt/</a>	0180	Deliverable
PE.PD.75.03	30% Constructability Review	Geometric Review. See Deliverable Expectation Matrix & Project Management On-line Guide (PMOG) <a href="http://www.wsdot.wa.gov/Projects/ProjectMgmt/">http://www.wsdot.wa.gov/Projects/ProjectMgmt/</a>	0180	Deliverable
PE.PD.75.04	60% Constructability Review	General Plans Review. See Deliverable Expectation Matrix & Project Management On-line Guide (PMOG) <a href="http://www.wsdot.wa.gov/Projects/ProjectMgmt/">http://www.wsdot.wa.gov/Projects/ProjectMgmt/</a>	0180	Deliverable
PE.PD.75.05	90% Constructability Review	Contract Plans Review. See Deliverable Expectation Matrix & Project Management On-line Guide (PMOG) <a href="http://www.wsdot.wa.gov/Projects/ProjectMgmt/">http://www.wsdot.wa.gov/Projects/ProjectMgmt/</a>	0180	Deliverable
<b>PE.PD.80</b>	<b>PS&amp;E Reviews</b>	Plans Specifications & Estimate (PS&E) Reviews. Check for completeness and compatibility between the Plans, Specifications and Estimate. See Deliverable Expectation Matrix/ Project Management Online Guide	N/R	Header
PE.PD.80.01	Local Agency Review	A check of the plans, specification and estimate by a local governmental or non-governmental agency or tribal nation to ensure compliance with established agreements or memorandum of understandings.	0181	Deliverable
PE.PD.80.02	Region PS&E Review	Region Project Office submits PS&E package to Region for review.	0181	Deliverable
PE.PD.80.03	State Materials Justification/Approval	Justification for use of State Furnished Materials and approval by the ASDE.	0181	Deliverable
PE.PD.80.04	Proprietary Item Approval	Item approved with final PS&E to Region and a copy to job file.	0181	Deliverable
PE.PD.80.05	HQ PS&E Review	Region forwards PS&E package and TMP document (if applicable) to Headquarters for review.	0181	Deliverable
PE.PD.80.06	FHWA PS&E Review	Headquarters forwards PS&E package and TMP document (if applicable) to FHWA for review.	0181	Deliverable
PE.PD.80.07	FRA PS&E Review	Headquarters forwards PS&E package to Federal Railroad Administration (FRA) for review.	0181	Deliverable
PE.PD.80.08	Federal Transit Agency (FTA) PS&E Review	Headquarters forwards PS&E package to FTA for review.	0181	Deliverable
PE.PD.80.09	Final Signed PS&E to Region	<b>Milestone</b> - Project Manager returns stamped and signed AD ready PS&E package to the Region.	N/R	Milestone

New MDL Code	New MDL Name	Description new (in Notebook topic)	Work Op (rev)	Classification
PE.PD.80.10	Ad Package to Headquarters	<b>Milestone</b> - Final PS&E to HQ with all appropriate attachments as required on the Final Check Sheet, five(5) days prior to the scheduled Ad date.	N/R	Milestone
<b>PE.PD.85</b>	<b>Project Shelf</b>	Completion milestones and documentation for projects not funded for construction. Re-start milestones for projects coming off the shelf for advertisement.	N/R	Header
PE.PD.85.01	Incomplete Project to Shelf	<b>Milestone</b> - The date that an incomplete project goes to a holding area (called "the shelf"). This project is not ready for advertisement and will need to undergo further design/adjustments and reviews.	N/R	Milestone
PE.PD.85.02	AD Ready Project to Shelf	<b>Milestone</b> - The date that a fully designed, reviewed and permitted project goes to a holding area called "the shelf". This project is ready for advertisement without any further adjustments or reviews	N/R	Milestone
PE.PD.85.03	Shelf to AD Ready	<b>Milestone</b> - Date project is taken off shelf.	N/R	Milestone
PE.PD.85.04	Shelf/Ad Ready Letter	A Memo from the Project Engineer to the Assistant Region Administrator for Project Development to formally suspend work on a project until a later date.	0187	Deliverable
PE.PD.85.05	Estimate to Make AD Ready	Estimate of scope, time, and cost to get an incomplete, "shelved", project ready for advertisement	0187	Deliverable
<b>PE.PD.90</b>	<b>Contract Ad &amp; Award</b>	Advertisement and award of construction contracts. See Ad and Award Manual.	N/R	Header
PE.PD.90.01	Contracts & Legal	The Ferry Vessels Projects delivered to C&L for review and AD Specification, Contract drawings, and other documents provided to C&L for publishing in Bid Package	0189	Deliverable
PE.PD.90.02	Pre-AD Review	HQ review of pre-PS&E documents and the PS&E within various HQ units. Includes performance of the plans-in-hand inspection with FHWA, preparation of data for securing federal funds for the subsequent approval to expend those funds for a project.	0185	Deliverable
PE.PD.90.03	R/W Certification	<b>PERFORMANCE REPORTING MAJOR Milestone</b> - This marks the point in time that the right of way acquisition requirements are met to the point where the project can be approved for advertisement. The Milestone has been met on the date the Right of Way Certification is signed by the region Real Estate Services Manager on state funds only projects, or upon approval of FHWA on a project with federal funds.	N/R	Milestone
PE.PD.90.04	R/W Recertification	<b>Milestone</b> - This marks the point in time that all right of way acquisition requirements are met to the point where the parcel/project can proceed with construction. The Milestone has been met on the date the last necessary Right of Way Certification is signed by the region Real Estate Services Manager on state funds only projects, or upon approval of FHWA on a project with federal funds.	N/R	Milestone
PE.PD.90.05	Construction Funding Approval	<b>Milestone</b> - Official approval from HQ and FHWA (if federal funds are used) to move ahead with the advertisement of the construction phase of a project	N/R	Milestone
PE.PD.90.06	Printing	Reproduction and distribution of plans, specifications, and bid proposal package. Contact HQ Printing Services for information.	0189	Deliverable
PE.PD.90.07	Project Geotechnical Documentation Package	Printing of pertinent geotechnical reports for sale to prospective bidders. Prepared by HQ Geotechnical and/or Region Materials and printed by HQ Printing Services.	0143	Deliverable
PE.PD.90.08	Advertisement (AD Date)	<b>PERFORMANCE REPORTING MAJOR Milestone</b> - This is the date that WSDOT publicly solicits bids from contractors to construct the project. When a project is advertised, it has a completed set of plans and specifications, along with a construction cost estimate. The Milestone is met on the date of the advertisement. (Note: For Design-Build, the RFP date is reported as the AD date)	N/R	Milestone
PE.PD.90.09	Addenda	Work associated with preparing addendums to our construction contracts that are on advertisement.	0199	Deliverable
PE.PD.90.10	Construction Phase Preparation	Work performed during the bid period to prepare for construction including setting project files, sending notifications and RFI from contractors.	0198	Deliverable
PE.PD.90.11	Addenda Deadline	<b>Milestone</b> - Date addenda are due in headquarters. 14 calendar days prior to the scheduled bid opening.	N/R	Milestone
PE.PD.90.12	Bid Opening	<b>Milestone</b> - Public opening and reading of sealed bids. (Note: For Design-Build projects, this is reported as the selection date)	N/R	Milestone
PE.PD.90.13	Award	<b>Milestone</b> - Official notice of award of the contract to the successful bidder. (For Design-Build projects, this is reported as the Contract Award date)	N/R	Milestone
PE.PD.90.14	Plan and Document Archive (PDA )	Incorporating contract special provisions and contract plans, channelization plans, interchange plans, and other plans that are pertinent to the operations of the department, into the Regional Plan and Document Archive - PDA database for historical documentation and data preservation.	0124	Deliverable
PE.PD.90.15	Computer Aided Engineering (CAE) Archive	Incorporating electronic engineering files and CAD files into Computer Aided Engineering (CAE) database for historical documentation and data preservation.	0178	Deliverable
PE.PD.90.16	PE Phase End	<b>Milestone</b> - All PE costs are finished and the work order is closed in TRAINS	N/R	Milestone
<b>RW</b>	<b>Right of Way</b>	The Right of Way phase of the project contains all work to acquire rights of way and perform and coordinate all real estate transactions for the department.		Header
<b>RW.PM</b>	<b>Project Management &amp; Overhead - Right of Way</b>	See Project Management On-line Guide (PMOG) <a href="http://www.wsdot.wa.gov/Projects/ProjectMgmt/">http://www.wsdot.wa.gov/Projects/ProjectMgmt/</a>	N/R	Header
RW.PM.01	R/W Phase Start (Funding Approved)	<b>Milestone</b> - The date the Work Order is set up and funding is authorized marks the start of the right-of-way phase. RES is notified to proceed with R/W acquisition.	N/R	Milestone
<b>RW.PM.02</b>	<b>Project Management and Overhead</b>		N/R	Header

New MDL Code	New MDL Name	Description new (in Notebook topic)	Work Op (rev)	Classification
RW.PM.02.01	General Project Management (Project Office and Real Estate Services)	Work in support of a Right of Way work order. May involve items not generally attributable to direct production of the work order such as supervision, general office operation, correspondence, filing, equipment and office maintenance, computer charges, on job instruction, and conferences (Conducting title reviews and searches should be charged to Work Operation Code 0220.)	0201	Deliverable
RW.PM.02.02	Redistributed Right of Way Project Management and Overhead (HQ & Region)	Redistributed HQ and regional IR Work Order overhead charges for right-of-way and real estate services.	A717	Deliverable
RW.PM.03	Project Management Plan Development & Maintenance	The Project Management Plan describes both the Project Performance Baseline for the project deliverables and the schedule and budget/cost plans for delivering them, and the Project Management Methods that will be used by the Project Team during their delivery. This item is for such work as is charged to the RW phase. See Project Management On-line Guide (PMOG) for details. <a href="http://www.wsdot.wa.gov/Projects/ProjectMgmt/">http://www.wsdot.wa.gov/Projects/ProjectMgmt/</a>	0206	Deliverable
RW.PM.06	Consultant Selection/Agreements – Real Estate	All work involved in the general management of Consultant Agreements related to real estate services, including negotiations, agreement and supplement requests, invoice processing, DRB agreement management, meetings with consultants, submittal reviews, compliance reviews and other services offered to the consultants and to the state as related to consultants.	0208	Deliverable
<b>RW.PM.12</b>	<b>Other Work for Management and Overhead</b>	This task contains overhead activities and costs associated with the RW phase of a project. This should be used only for activities and costs not shown elsewhere in the MDL.	N/R	Header
RW.PM.12.01	Travel To & From the Office to the Job Site	Time charged for travel between duty station and work site, and travel between work sites.	0202	Deliverable
RW.PM.90	RW Phase End	<b>Milestone-</b> All RW costs are finished and the work order is closed in TRAINS	N/R	Milestone
<b>RW.PA</b>	<b>Parcel/Agreement (Parcel/Agreement ID)</b>	The process of securing the property or property rights or agreements needed for highway improvements that conforms with Federal and State regulations called the Uniform Relocation and Acquisition Act. It includes, but is not limited to fee acquisition, access rights, and easements. This element of the MDL can be repeated in the project work breakdown structure for individual parcels.	N/R	Header
RW.PA.01	Acquisition - Labor	The negotiation with property owners, government agencies or railroads for acquisition of property. Also includes development of legal descriptions for real property or property rights to be acquired, time spent conducting title reviews and title searches, and maintenance of acquisition status data (via IRIS).	0220	Deliverable
RW.PA.02	Acquisition - Labor - Wetland Mitigation Site	All work and costs involved in the selection and acquisition of property that will be used for wetland mitigation sites, including wetland banks and preservation areas. Includes in-office and onsite environmental assessment of potential sites, time spent conducting title reviews and title searches, and maintenance of acquisition status data (via REAMS). Also includes landowner and Realtor contacts, appraisals, negotiations, and the completion of the purchase process; however the acquisition payment is under Work Op 0221.	0225	Deliverable
RW.PA.03	Appraisal/Administrative Offer Summary	The appraisal of parcels and the administration of real property appraisal functions including payments to contract fee appraisers. An analysis of real estate market used to estimate the value of the real property and the damages to the remaining property.	0222	Deliverable
RW.PA.04	Review & Determination of Value (DV)	Appraisal Review checks the accuracy of the appraisal data and the soundness of the appraisers reasoning then writes a Determination of Value (DV) which is the amount of money to be offered to the property owner for the property needed for the highway project.	0224	Deliverable
RW.PA.05	Acquisition - Parcel Payment	All non-labor costs directly relating to a parcel number, including payments to title companies and land improvement acquisition costs. Use when reporting to Groups 01 through 59 (in Group Category 07.)	0221	Deliverable
RW.PA.06	Acquisition - Parcel Remainders	All non-labor costs of acquiring uneconomic remainders and/or excess property remaining after acquisition of the right of way or materials site.	0223	Deliverable
RW.PA.07	Right of Way - Agreements	Payments to individuals, companies, local agencies, utilities, or railroads for Right of Way work done in accordance with agreements properly set up and identified on the Group Definition (GRUP) table in TRAINS as a payable group, group 01 through 59 (in Group Category 02). Never Groups 80 through 89. Report by Payable Agreement and Phase.	0250	Deliverable
<b>RW.PA.08</b>	<b>Condemnation / Preparation / Trial</b>	The work required to schedule and hold trials for property condemnations, to stake Right of Way and property boundaries for field review by jury, to update appraisals, prepare court exhibits and prepare for pre-trial conferences.	N/R	Header
RW.PA.08.01	Condemnation	A judicial process to acquire property where the state has been unable to reach a settlement through negotiation. This is handled by the office of the Attorney General.	0230	Deliverable
RW.PA.08.02	Possession & Use	A regional or judicial formal document that grants the State the ability to possess and use the property in its construction project prior to the condemnation trial.	0230	Deliverable
<b>RW.PA.09</b>	<b>Relocation</b>	A program of benefits to assist owners, tenants, businesses, farms and non profit organizations that are being displaced by a highway project to move to replacement facilities.	N/R	Header
RW.PA.09.01	Relocation - Labor	The work required to prepare for and provide relocation assistance for eligible parties.	0240	Deliverable
RW.PA.09.02	Relocation Review Board and/or Adjudicative Hearings	The Adjudicative Hearing and/or Relocation Review Board decisions documents.	0241	Deliverable

New MDL Code	New MDL Name	Description new (in Notebook topic)	Work Op (rev)	Classification
RW.PA.09.03	Relocation - Parcel Payment	The reimbursement to individuals for relocation expenses and replacement housing. Use when reporting to Groups 01 through 59 (in Group Category 07.)	0241	Deliverable
<b>RW.PA.10</b>	<b>Property Management</b>	Tenant leases are signed, rents collected, property is secured if vacant to prevent vandalism. Demolition of improvements if needed.	N/R	Header
RW.PA.10.01	Inventory	The maintenance and management of the inventory of department-owned properties; also inspection of inventoried properties.	0210	Deliverable
RW.PA.10.02	Rentals	Preparation, monitoring, and management of Rental Agreements or Airspace Leases on department-owned property; also, maintenance of rental property.	0211	Deliverable
RW.PA.70.03	Sales	Sale of properties (real or personal), no longer needed for transportation purposes.	0212	Deliverable
RW.PA.10.04	Demolition	Demolition of property improvements no longer needed for transportation purposes.	0213	Deliverable
<b>CN</b>	<b>Construction</b>	For description of Construction Work see Construction Manual <a href="http://www.wsdot.wa.gov/Publications/Manuals/M41-01.htm">http://www.wsdot.wa.gov/Publications/Manuals/M41-01.htm</a> and Standard Specifications <a href="http://www.wsdot.wa.gov/Publications/Manuals/M41-10.htm">http://www.wsdot.wa.gov/Publications/Manuals/M41-10.htm</a>		Header
<b>CN.01</b>	<b>Contractor Activities</b>	Work performed by the Prime Contractor and all subcontractors. This work may be represented by the contractor's schedule. Include as detail within this item all significant contractor's items of work.	N/R	Header
CN.01.01	Significant Construction Traffic Closure/ Switching/ Opening/ Reopening	<b>Milestone</b> - The time point of a major or significant construction traffic closure or restriction, of the nature that there is a noticeable impact on the traveling public and/or there is a need for coordination with other contracts and projects. (Note: this item may be repeated as needed for multiple occurrences within a project.)	N/R	Milestone
<b>CN.02</b>	<b>Payable Agreements</b>	Work Performed by Others under Group Category 02 in the Work Order, under Payable Agreements.	N/R	Header
CN.02.01	Agreements / Partnership	Some projects include work done by local agencies, utilities, railroads, consultants, or other entities as part of the project at a cost to WSDOT, under various types of agreements. (Break out at next level by agreement.)	0409	Deliverable
CN.02.02	Auditing services	Costs attributable to auditing construction projects.	0406	Deliverable
CN.02.03	Legal services	Attorney, and other legal charges related to construction projects.	0407	Deliverable
<b>CN.03</b>	<b>Construction Engineering</b>	Construction Engineering - Group Category 03 in the Work Order	N/R	Header
<b>CN.03.PM</b>	<b>Project Management and Overhead Construction</b>	See Project Management Online Guide (PMOG) <a href="http://www.wsdot.wa.gov/Projects/ProjectMgmt/">http://www.wsdot.wa.gov/Projects/ProjectMgmt/</a>	N/R	Header
<b>CN.03.PM.02</b>	<b>Project Management and Overhead</b>	Work directly by the project management team to manage the project and also indirect overhead work in support of the project.	0301	Deliverable
CN.03.PM.02.01	General Project Management (Project Office)	Work in support of a CN project and work order authorization, such as supervision, general office operation, correspondence, filing, equipment and office maintenance, computer charges, on job instruction, and conferences (i.e. meeting with Local Agency, etc.)	0301	Deliverable
CN.03.PM.02.02	Execution Period	Department signs the actual contract with the contractor, typically within 21 days following contract award. See 1-03.3 of the Standard Specifications for further detail.	0301	Deliverable
CN.03.PM.02.03	Redistributed Project Management and Overhead (HQ & Region)	Redistributed HQ and regional IR Work Order overhead charges for construction engineering (not construction).	A718	Deliverable
<b>CN.03.PM.03</b>	<b>Project Management Plan Development &amp; Maintenance</b>	The Project Management Plan for Construction describes both the Project Performance Baseline for the project deliverables and the schedule and budget/cost plans for delivering them, and the project management methods that will be used by the project team during their deliver. This item is for such work as is charged to the CN phase. See Project Management On-line Guide (PMOG) for details.	0306	Deliverable
CN.03.PM.03.01	PMP Endorsement	<b>Milestone</b> - Endorsement is the process of gaining the commitment of the Project Team then the endorsement of the Management entities responsible for the resources needed to successfully execute the Project Management Plan. The process is a formal one and culminates in documented commitment of support by the Team members, management and others - customers, team and sponsors as appropriate. See Project Management On-line Guide (PMOG) for details. <a href="http://www.wsdot.wa.gov/Projects/ProjectMgmt/">http://www.wsdot.wa.gov/Projects/ProjectMgmt/</a>	N/R	Milestone
CN.03.PM.02	Equal Employment Opportunity and Minority Business Enterprise	Review documentation submittals for EEO or MBE/DBE compliance reviews or other EEO or MBE/DBE activities connected with the project. This includes Regions and Headquarters personnel as well as project assigned personnel.	0304	Deliverable
CN.03.PM.03	Public Information Design-Build	The work involved in establishing and managing all external and internal communication plans, coordinating public information activities, and handling project information requests from the public and media. Does not included the public involvement part of the environmental review process.	0305	Deliverable
CN.03.PM.04	Budget/Schedule Design-Build	Time charged for the work involved in the monitoring of project schedule and resource usage progress measured against the plan.	0307	Deliverable
CN.03.PM.05	Reporting Design-Build	Time charged for the creation and updating of performance reports to the Legislature, executives, and for workshops.	0308	Deliverable
CN.03.PM.06	General Office Functions	Office activities in the project engineer's office. Includes maintenance of Department employee time and personnel records, contractor payroll, and submittal checking in compliance with the Copeland Regulations and the Davis-Bacon Act, and any reviews conducted to assure compliance with statutes covering prevailing wages and hours of work on public works and on the job employee interviews.	0309	Deliverable
<b>CN.03.PM.12</b>	<b>Other Work for Management and Overhead</b>	This task contains overhead activities and costs associated with the CN phase of a project. This should be used only for activities and costs not shown elsewhere in the MDL.	N/R	Header
CN.03.PM.12.01	Travel To & From the Office to the Job Site	Travel time charged against a work order for travel between duty station and work site, and travel between work sites.	0302	Deliverable

New MDL Code	New MDL Name	Description new (in Notebook topic)	Work Op (rev)	Classification
CN.03.SV.10	Surveying	See Survey Manual for description of work <a href="http://www.wsdot.wa.gov/Publications/Manuals/M22-97.htm">http://www.wsdot.wa.gov/Publications/Manuals/M22-97.htm</a>	310, 0311, 0312	Deliverable
<b>CN.03.IN</b>	<b>Inspection</b>	For Inspection description see Construction Manual <a href="http://www.wsdot.wa.gov/Publications/Manuals/M41-01.htm">http://www.wsdot.wa.gov/Publications/Manuals/M41-01.htm</a>	N/R	Header
CN.03.IN.01	Right-of-Way Design-Build	Granting permission to the Design-Builder to enter and do work on right-of-way owned by WSDOT at the time of entry. Monitoring the Design-Builder's compliance with all applicable provisions of the contract and further conditions identified in any right-of-way, easements or right of entry onto property and their activities within. Assisting the Design-Builder in obtaining temporary construction easements. Does not include work involved in the review and approval of the right-of-way plan.	0313	Deliverable
CN.03.IN.02	Inspection (Earthwork, Drainage, Surface and Paving)	All inspection necessary to ensure conformance of workmanship, methods, and procedures for clearing and grubbing, grading operations and affiliated work. Inspection of drainage features such as pipes, under drain pipes, culverts, structural plate pipes, arches and underpasses, storm and sanitary sewer lines, manholes, grate inlets, catch basins, ditches and channels, excluding materials and density testing. Inspection of: surface treatments, shoulder treatments, all classes of ACP, ATB, CTB, PCC pavement, unfinished cement concrete pavement, and untreated surfacing such as gravel base, ballast, top course, etc.	0330	Deliverable
CN.03.IN.03	Inspection (Structures)	All inspection necessary to ensure conformance of workmanship, methods, and procedures for construction of such features as retaining walls, box culverts, bridges, over crossings, under crossings, pedestrian crossings, tunnels, median barrier, cribbing, etc., excluding materials testing.	0331	Deliverable
CN.03.IN.04	Inspection (General)	All inspection necessary to ensure and document conformance of workmanship, methods, and procedures of all features not classified as either surfacing, paving, structures, earthwork, or drainage. Involves such items as landscaping, rest areas, illumination, channelization, signal systems, signing, utilities, etc., excluding materials testing. Also includes the certification inspection of asphalt or concrete batch plant.	0332	Deliverable
CN.03.IN.05	Environmental (Inspection and Surveying)	All inspection and surveying necessary to ensure the project's construction phase operates in compliance with all applicable environmental permits and regulations, including documenting conformance of workmanship, methods, and procedures of all features involved in environmental activities connected with the project (e.g. hazardous waste removal, pollution control, etc.) Does not include inspection and surveying of wetland mitigation sites. Refer to Environmental Procedures Manual Section 6 and the Construction Manual.	0333	Deliverable
CN.03.IN.06	Inspection and Surveying of Wetland Mitigation Sites	All work for the construction phase of compensatory wetland mitigation projects. Includes all WSDOT inspection and consultation during site preparation, excavation, and planting. Includes development of as-built plans and final plant inspection at end of plant establishment period. Does not include biological monitoring of wetland mitigation sites or final delineation and survey to determine permit compliance.	0334	Deliverable
CN.03.IN.07	Environmental Oversight Design-Build	All work involved in the oversight of the project environmental review and compliance to commitments, permits, and approvals on Design-Build contracts. Does not include work on environmental documents, permits, and approvals done prior to award of the Design-build contract.	0335	Deliverable
CN.03.IN.08	Utilities Design-Build	All work associated with identifying the location of utilities and determining relocation and/or adjustments and protection of facilities. This includes work to prepare and administer utility agreements on Design-Build contracts.	0336	Deliverable
CN.03.IN.09	Construction Oversight Design-Build	The oversight and management on Design-Build contracts, of all project construction activities, control of materials, audit, inspection and testing, construction safety, and all other construction-related functions.	0337	Deliverable
CN.03.IN.10	Weighting, Dispatching, Receiving	Inspection duties involved in observing scale operations and the preparation of tickets for documentation of materials, and receiving of tickets at the job site.	0350	Deliverable
<b>CN.03.MT</b>	<b>Testing</b>	For material Testing see Construction Manual <a href="http://www.wsdot.wa.gov/Publications/Manuals/M41-01.htm">http://www.wsdot.wa.gov/Publications/Manuals/M41-01.htm</a>	N/R	Deliverable
CN.03.MT.01	Testing (Earthwork, Surface and Paving, Drainage, Miscellaneous)	Testing at the plant or on the roadway on earthwork or aggregated production, untreated surfacing, treated bases (ATB & CTB), HMA paving (all classes), Portland cement concrete paving including unfinished concrete paving, and earthwork, etc. All testing necessary to ensure conformance with contract specifications on all features not classified as either paving, surfacing or structures. Involves testing on such items, as earthwork and any other miscellaneous testing not mentioned above. Also includes all testing by regions and HQ Materials Lab. and any other miscellaneous testing not mentioned above.	0340	Deliverable
CN.03.MT.02	Testing (Structures)	All testing at the plant or on the roadway for all structures. Includes slump tests, aggregate gradation, moisture determination, yield tests, air tests, cylinder fabrication, backfill gradation, and moisture and density tests.	0341	Deliverable
<b>CN.03.CA</b>	<b>Contract Administration &amp; Documentation</b>	For Contract Administration and Documentation see Construction Manual <a href="http://www.wsdot.wa.gov/Publications/Manuals/M41-01.htm">http://www.wsdot.wa.gov/Publications/Manuals/M41-01.htm</a>	N/R	Header
CN.03.CA.01	Working Drawings, Plan Checking, Data Preparation	Work involved in checking plans and working drawings for accuracy and sufficiency of detail (and making any necessary revisions) and in preparing grade sheets and notes by field personnel. An office engineering function where contract design data is reduced or extended to workable field use form, i.e., tabular form, working drawings, sketches, etc.	0320	Deliverable

New MDL Code	New MDL Name	Description new (in Notebook topic)	Work Op (rev)	Classification
CN.03.CA.02	Progress and Final Estimates and Records	An office engineering activity where properly documented and certified data upon which the project estimates for payment are based, is assembled, compiled, and catalogued as a permanent or semi-permanent job file. Also includes the progress and final estimates, "as-built" plans, and Materials Lab final documentation.	0321	Deliverable
CN.03.CA.03	Preparation of Change Orders	An engineering activity where contract features are modified due to design standard revisions, plan errors, contract changes, contractor's requests, etc.	0322	Deliverable
CN.03.CA.04	Change Orders Design-Build	Work involved in the development, review and approval of change orders on Design-Build contracts.	0323	Deliverable
CN.03.CA.05	Document Control Oversight Design-Build	All work involved in the management and distribution of documents and records on a Design-Build project.	0324	Deliverable
CN.03.CA.06	Design, Oversight Design-Build	All work involved in the oversight of work plans, over-the-shoulder reviews, formally submitted reviews, task force meetings, design QV/QC/QA, deviations, and engineering decisions.	0325	Deliverable
CN.03.CA.07	Field Measurement - Progress and Final Estimates and Records	Interim and final measurement and recording required for progress and final estimate quantity determination.	0351	Deliverable
CN.03.CA.08	Force Account Documentation	Time required for coding of labor, equipment, material, preparation of rates, and assembling of any data necessary for documentation of force account work. Inspection of force account work is to be charged to the appropriate Work Operation Code — 0330, 0331, 0332, 0333 OR 0334.	0352	Deliverable
<b>CN.03.AG</b>	<b>Agreements Management</b>	Preparation and finalization of agreements & contracts between WSDOT and other agencies, tribes, and developers on Design-Build contracts, and general management of Consultant Agreements.	N/R	Header
CN.03.AG.01	Consultant Agreements Administration - Construction Engineering	All work involved in the general management of Consultant Agreements related to construction services, including negotiations, agreement and supplement requests, invoice processing, DRB agreement management, meetings with consultants, submittal reviews, compliance reviews and other services offered to the consultants and to the state as related to consultants. Including Vessel Construction Engineering.	0361	Deliverable
CN.03.AG.02	Partnerships/ Agreement Design-Build	All work performed in preparation and finalization of agreements & contracts entered into between WSDOT and other agencies, tribes, and developers on Design-Build contracts.	0362	Deliverable
<b>CN.04</b>	<b>State Force Construction</b>	Group Category 04 in the Work Order.	N/R	Deliverable
CN.04.01	Construction - State Forces	All construction work by State Forces, including payments to vendors for materials used, etc., but excluding engineering charges.	0405	Deliverable
CN.04.02	Training - State Force	Training time charges by all State Forces Construction personnel attending any formally organized conference or learning session.	0403	Deliverable
CN.04.03	Redistributed Project Management and Overhead (HQ & Region)	Redistributed HQ and regional IR Work Order overhead charges for construction (not CE).	B718	Deliverable
<b>CN-06</b>	<b>Utilities</b>	Payments to individuals, companies, local agencies, utilities or railroads for construction work done in accordance with agreements	N/R	Header
CN-06.01	Utility Services/Agreements	Payments to individuals, companies, local agencies, utilities or railroads for construction work done in accordance with agreements	0409	Deliverable
CN-06.02	Utility Relocations	Payments to individuals, companies, local agencies, utilities or railroads for construction work done in accordance with agreements	0409	Deliverable
<b>CN.10</b>	<b>Construction Milestones</b>	Milestones for Construction phase of the project, for Project Control and Reporting, for the Construction Contract Information System (CCIS), and other purposes.	N/R	Header
CN.10.01	Contract Execution	<b>Milestone</b> - Project Control & Reporting (PC&R) Milestone, CPMS, and CCIS milestone. This is the date when the Department signs the actual contract with the contractor. This typically occurs within 21 days following contract award. See 1-03.3 of the Standard Specifications for further detail.	N/R	Milestone
CN.10.02	Statement of Intent to Pay Wages	<b>Milestone</b> - CCIS milestone. The date the Statement of Intent to Pay Prevailing Wages is received from the Prime Contractor.	N/R	Milestone
CN.10.03	Contractor and Subcontractor/Agent Cert. for F.A. Projects	<b>Milestone</b> - CCIS milestone. The date the Contractor and Subcontractor/Agent Certification for F.A. Projects is received.	N/R	Milestone
CN.10.04	Affidavit of Wages Paid - Prime	<b>Milestone</b> - CCIS milestone. The date the Affidavit of Wages Paid is received from the Prime Contractor.	N/R	Milestone
CN.10.05	Pre-Construction Meeting Minutes	<b>Milestone</b> - CCIS milestone. The date the minutes of the pre-construction meeting are issued.	N/R	Milestone
CN.10.06	Ground-Breaking	<b>Milestone</b> - The date of a formal ground-breaking ceremony with officials.	N/R	Milestone
CN.10.07	Contract Time Start	<b>Milestone</b> - This date is first day that can be charged against the contract. It is usually the first working day following the 21st calendar day after contract execution but is also sometimes changed by Special Provision or suspension of work. See 1-08.5 of the Standard Specifications and contract special provisions for further details.	N/R	Milestone
CN.10.08	Construction Work Start	<b>Milestone</b> - This is the date when work actually starts on building the project and activity might be seen on the site. See 1-08.5 of the Standard Specifications and contract special provisions for further details.	N/R	Milestone
CN.10.09	Original Progress Schedule Approved	<b>Milestone</b> - CCIS milestone. The date the contractor's original progress schedule is approved.	N/R	Milestone
CN.10.10	Last Supplemental Progress Schedule Approved	<b>Milestone</b> - CCIS milestone. The approval date of the contractor's latest supplemental progress schedule.	N/R	Milestone
CN.10.11	Ribbon-Cutting	<b>Milestone</b> - The date of a formal ribbon-cutting ceremony or celebration with officials.	N/R	Milestone
CN.10.12	Operationally Complete	<b>PERFORMANCE REPORTING MAJOR MILESTONE</b> - This is the date when the public has free and unobstructed use of the facility. In some cases, the facility will be open, but minor work items may remain to be completed. See Section 1-01.3 of the Standard Specifications for further details on substantial completion. For example, a paving project would be considered Operationally Complete when the final lift is laid and the final striping is applied. Judgment must be used in determining the date the Milestone is accomplished, such as when a formal ribbon cutting celebration occurs or the delay of minor work items prevent the actual substantial completion, but the public actually has use of the completed roadway.	N/R	Milestone

New MDL Code	New MDL Name	Description new (in Notebook topic)	Work Op (rev)	Classification
CN.10.13	Substantial Completion	<b>Milestone</b> - CCIS milestone. The Substantial Completion date is the day the Engineer determines the Contracting Agency has full and unrestricted use and benefit of the facilities, both from the operational and safety standpoint, all the initial plantings are completed and only minor incidental work, replacement of temporary substitute facilities, plant establishment periods, or correction or repair remains for the Physical Completion of the total Contract. See 1-08.5 and 1-08.9 of the Standard Specifications for further detail.	N/R	Milestone
CN.10.14	Physical Completion	<b>Milestone</b> - CCIS milestone. The Physical Completion date is the day all of the Work is physically completed on the project. All documentation required by the Contract and required by law does not necessarily need to be furnished by the Contractor by this date. See 1-08.5 of the Standard Specifications for further detail.	N/R	Milestone
CN.10.15	Final Estimate to Contractor	<b>Milestone</b> - CCIS Milestone. This is the date when the Department sends the Final Estimate for the Contractor's concurrence. See 1-09.9 of the Standard Specifications for further detail.	N/R	Milestone
CN.10.16	Final Estimate to Headquarters	<b>Milestone</b> - CCIS Milestone. This is the date when the Region submits the complete Final Estimate package to Headquarters. See the Construction Manual for further detail.	N/R	Milestone
CN.10.17	Completion	<b>Milestone</b> - Project Control & Reporting (PC&R) Milestone, CPMS, and CCIS milestone. The Completion date is the day all the Work specified in the Contract is completed and all the obligations of the Contractor under the Contract are fulfilled by the Contractor. All documentation required by the Contract and required by law must be furnished by the Contractor before establishment of this date. See 1-08.5 of the Standard Specifications for further detail.	N/R	Milestone
CN.10.18	Materials Certification	<b>Milestone</b> - CCIS Milestone. This is the date of a letter to Headquarters prepared by the region, upon completion of the project, certifying the materials used in the project and listing all identified variances and their resolution. See the Construction Manual for further detail.	N/R	Milestone
CN.10.19	Acceptance	<b>Milestone</b> - CCIS Milestone. This is the date when the Secretary accepts the completed construction contract by signature of the Final Contract Voucher Certification. After all contractual obligations have been fulfilled, including all contractual work has been completed and all payments to contractors will have been completed, the Department accepts the contract as complete by signature of the Secretary on the Final Contract Voucher Certification. See 1-05.12 of the Standard Specifications for further detail.	N/R	Milestone
CN.10.20	Stewardship Acceptance:	<b>Milestone</b> - CCIS Milestone. For Federal-aid projects, this is the date of acceptance of the project by the FHWA or by WSDOT as delegated in accordance with the current FHWA-WSDOT Stewardship Agreement. See the Construction Manual for further detail.	N/R	Milestone
CN.10.21	CN Phase End	<b>Milestone</b> - All CN costs are finished and the work order is closed in TRAINS	N/R	Milestone
<b>CN.12</b>	<b>Vessel Contractor Activities/Shipyard Period</b>	Work performed by the Prime Contractor and all subcontractors. Payments under Group Category 01 in the Work Order. This work may be represented by the contractor's schedule. Include as detail within this item all significant milestones of the contractor's work, such as major traffic closures or shifts.	N/R	Header
CN.12.01	Shipyard Period (Project Mgmt & Inspection)	All work by the project management team to manage the project and also indirect overhead work in support of the project including inspection necessary to ensure and document conformance of workmanship, methods, and procedures of all contract work, interfacing with shipyard management to negotiate Change Orders and establish Progress Payments, and maintaining daily records of progress and effort of the shipyard in the performance of the work.	0301, 0332	Deliverable
CN.12.02	Working Drawings, Plan Checking, Data Preparation	Work involved in checking plans and working drawings for accuracy and sufficiency of detail (and making any necessary revisions) and in preparing grade sheets and notes by field personnel. An office engineering function where contract design data is reduced or extended to workable field use form, i.e., tabular form, working drawings, sketches, etc.	0320	Deliverable
CN.12.03	AS Built Drawings - Mechanical	Work involves reviewing redlines and update drawings. Update permanent drawings with changes made during the contract to the Mechanical design.	G150	Deliverable
CN.12.04	AS Built Drawings - Hull	Work involves reviewing redlines and update drawings. Update permanent drawings with changes made during the contract to the Hull design	H150	Deliverable
CN.12.05	AS Built Drawings - Electrical	Work involves reviewing redlines and update drawings. Update permanent drawings with changes made during the contract to the Electrical design	L150	Deliverable
CN.12.06	Statement of Intent to Pay Wages	<b>Milestone</b> - CCIS milestone. The date the Statement of Intent to Pay Prevailing Wages is received from the Prime Contractor.	N/R	Milestone
CN.12.07	Affidavit of Wages Paid - Prime	<b>Milestone</b> - CCIS milestone. The date the Affidavit of Wages Paid is received from the Prime Contractor.	N/R	Milestone
CN.12.08	Pre-Construction Meeting Minutes	<b>Milestone</b> - CCIS milestone. The date the minutes of the pre-construction meeting are issued.	N/R	Milestone
CN.12.09	Substantial Completion/return to service	<b>Milestone</b> - CCIS milestone. The Substantial Completion date is the day the Engineer determines the Contracting Agency has full and unrestricted use and benefit of the facilities, both from the operational and safety standpoint, all the initial plantings are completed and only minor incidental work, replacement of temporary substitute facilities, plant establishment periods, or correction or repair remains for the Physical Completion of the total Contract. See 1-08.5 and 1-08.9 of the Standard Specifications for further detail.	N/R	Milestone
CN.12.10	Physical Completion	<b>Milestone</b> - CCIS milestone. The Physical Completion date is the day all of the Work is physically completed on the project. All documentation required by the Contract and required by law does not necessarily need to be furnished by the Contractor by this date. See 1-08.5 of the Standard Specifications for further detail.	N/R	Milestone

New MDL Code	New MDL Name	Description new (in Notebook topic)	Work Op (rev)	Classification
CN.12.11	Acceptance	<b>Milestone</b> - CCIS Milestone. This is the date when the Secretary accepts the completed construction contract by signature of the Final Contract Voucher Certification. After all contractual obligations have been fulfilled, including all contractual work has been completed and all payments to contractors will have been completed,. the Department accepts the contract as complete by signature of the Secretary on the Final Contract Voucher Certification. See 1-05.12 of the Standard Specifications for further detail.	N/R	Milestone

# 2008-2011 MDL Crosswalk



2008 MDL Code	Deliverable Name	Action	2011 MDL Code	Deliverable Name
<b>PE</b>	<b>Preliminary Engineering</b>		<b>PE</b>	<b>Preliminary Engineering</b>
<b>PE.PM</b>	<b>Project Management &amp; Overhead - Preliminary Engineering</b>		<b>PE.PM</b>	<b>Project Management &amp; Overhead - Preliminary Engineering</b>
PE.PM.01	Begin Preliminary Engineering		PE.PM.01	Begin Preliminary Engineering
PE.PM.02	Project Management and Overhead		PE.PM.02	Project Management and Overhead
PE.PM.02.01	General Project Management (Project Office)		PE.PM.02.01	General Project Management (Project Office)
PE.PM.02.01.01	Disaster Damage Inspection Report (DDIR)	DELETED		
PE.PM.02.01.02	Declaration of Emergency	DELETED		
PE.PM.02.02	Redistributed PE Project Management and Overhead (HQ & Region)		PE.PM.02.02	Redistributed PE Project Management and Overhead (HQ & Region)
<b>PE.PM.03</b>	<b>Project Management Plan Development &amp; Maintenance</b>		<b>PE.PM.03</b>	<b>Project Management Plan Development &amp; Maintenance</b>
PE.PM.03.01	Programming Action Form		PE.PM.03.01	Programming Action Form
PE.PM.03.02	Project Change Request Form		PE.PM.03.02	Project Change Request Form
PE.PM.03.10	FHWA Project Management Plan		PE.PM.03.03	FHWA Project Management Plan
PE.PM.03.12	WSDOT Project Management Plan (PMP)		PE.PM.03.04	WSDOT Project Management Plan (PMP)
		ADDED	PE.PM.03.05	Internal SOW Agreement
PE.PM.03.15	PMP Endorsement		PE.PM.03.06	PMP Endorsement
PE.PM.04	FHWA Finance Plan		PE.PM.04	FHWA Finance Plan
<b>PE.PM.05</b>	<b>Public and Agency Involvement</b>		<b>PE.PM.05</b>	<b>Public and Agency Involvement</b>
PE.PM.05.01	Public Involvement Plan		PE.PM.05.01	Public Involvement Plan
<b>PE.PM.06</b>	<b>Consultant Administration</b>		<b>PE.PM.06</b>	<b>Consultant Administration</b>
PE.PM.06.01	Consultant RFP		PE.PM.06.01	Consultant RFP
	Consultant Selection		PE.PM.06.02	Consultant Selection
PE.PM.06.03	Consultant Signed Contract		PE.PM.06.03	Consultant Signed Contract
PE.PM.06.04	Consultant Management		PE.PM.06.04	Consultant Management
		ADDED	<b>PE.PM.10</b>	<b>Ferry Vessels Engineering</b>
		ADDED	PE.PM.10.01	Scope from Port Engineers
		ADDED	PE.PM.10.02	Vessels Kickoff Meeting
		ADDED	PE.PM.10.03	Specifications/ Preliminary Estimates/ Schedules
		ADDED	PE.PM.10.04	Spec Review/ Issue Work Order
		ADDED	PE.PM.10.05	Spec Revise Finalized
		ADDED	PE.PM.10.06	Final Estimate
		ADDED	PE.PM.10.07	Project Summary and Deliverables
		ADDED	PE.PM.10.08	Shipyard Planning
<b>PE.PM.12</b>	<b>Other Work for Management and Overhead</b>		<b>PE.PM.12</b>	<b>Other Work for Management and Overhead</b>
PE.PM.12.01	Travel To & From the Office to the Job Site	DELETED		
PE.PM.12.02	Training	DELETED		
PE.PM.12.03	Union-Related Labor Charges	DELETED		
PE.PM.12.03.01	Local 17 Shop Steward	DELETED		
PE.PM.12.03.02	Federation Shop Steward	DELETED		
PE.PM.12.03.03	Local 17 Contract Negotiation	DELETED		
<b>PE.PS</b>	<b>Project Planning and Scoping</b>		<b>PE.PS</b>	<b>Project Scoping</b>
PE.PS.01	Preliminary Estimates & Schedules		PE.PS.01	Preliminary Estimates & Schedules for Scoping
PE.PS.01.01	PE Estimate		PE.PS.01.01	PE Estimate
PE.PS.01.02	RW Estimate		PE.PS.01.02	RW Scoping Estimate
PE.PS.01.03	CN Estimate		PE.PS.01.03	CN Estimate
<b>PE.PS.02</b>	<b>Agency &amp; Tribal Coordination for Planning</b>		<b>PE.PS.02</b>	<b>Agency &amp; Tribal Coordination for Planning Studies</b>
PE.PS.02.01	Agency Outreach		PE.PS.02.01	Agency Outreach
PE.PS.02.02	Tribal Outreach		PE.PS.02.02	Tribal Outreach
PE.PS.02.03	Corridor Working Group		PE.PS.02.03	Corridor Working Group
PE.PS.02.04	Agency & Tribal Coordination Summary		PE.PS.02.04	Agency & Tribal Coordination Summary
<b>PE.PS.03</b>	<b>Public Involvement for Planning</b>		<b>PE.PS.03</b>	<b>Public Involvement for Planning Studies</b>

2008 MDL Code	Deliverable Name	Action	2011 MDL Code	Deliverable Name
PE.PS.03.01	Media Relations Plan		PE.PS.03.01	Media Relations Plan
PE.PS.03.02	Public Involvement Plan		PE.PS.03.02	Public Involvement Plan
PE.PS.03.03	Media & Public Outreach Activities		PE.PS.03.03	Media & Public Outreach Activities
PE.PS.03.04	Public Involvement Summary		PE.PS.03.04	Public Involvement Summary
<b>PE.PS.04</b>	<b>Existing Conditions Inventory &amp; Analysis for Planning</b>		<b>PE.PS.04</b>	<b>Existing Conditions Inventory &amp; Analysis for Planning Studies and Scoping</b>
PE.PS.04.01	Existing Facility & Study Area Conditions		PE.PS.04.01	Existing Facility & Study Area Conditions
PE.PS.04.02	Environmental Inventory & Overview		PE.PS.04.02	Environmental Inventory & Overview
PE.PS.04.03	Travel Conditions Analysis & Deficiencies Identification		PE.PS.04.03	Travel Conditions Analysis & Deficiencies Identification
PE.PS.04.04	Existing Conditions Summary		PE.PS.04.04	Existing Conditions Summary
<b>PE.PS.05</b>	<b>Improvement Options Development &amp; Assessment for Planning</b>		<b>PE.PS.05</b>	<b>Improvement Options Development &amp; Assessment for Planning Studies</b>
PE.PS.05.01	Develop Improvement Options		PE.PS.05.01	Improvement Options
PE.PS.05.02	Assess Improvement Options		PE.PS.05.02	Screening Criteria & Analysis
PE.PS.05.03	Short & Long-Term Recommendations		PE.PS.05.03	Short & Long-Term Recommendations
PE.PS.05.04	Funding Program & Financial Resources		PE.PS.05.04	Funding Program & Financial Resources
<b>PE.PS.06</b>	<b>Planning Report</b>		<b>PE.PS.06</b>	<b>Planning Report</b>
PE.PS.06.01	Draft Planning Report		PE.PS.06.01	Draft Planning Report
PE.PS.06.02	Final Planning Report		PE.PS.06.02	Final Planning Report
PE.PS.07	Pre-Design Study		<b>PE.PS.07</b>	<b>WSF Pre-Design Study</b>
<b>PE.PS.08</b>	<b>Project Summary</b>		<b>PE.PS.08</b>	<b>Project Summary</b>
PE.PS.08.01	Project Definition		PE.PS.08.01	Project Definition
PE.PS.08.02	Design Decisions Summary		PE.PS.08.02	Design Decisions Summary
PE.PS.08.03	Environmental Review Summary		PE.PS.08.03	Environmental Review Summary
PE.PS.08.04	Project Definition Complete (Region)		PE.PS.08.04	Project Definition Complete (Region)
PE.PS.08.05	Project Definition Complete (HQ)		PE.PS.08.05	Project Definition Complete (HQ)
<b>PE.EV</b>	<b>Environmental Review and Permitting</b>		<b>PE.EV</b>	<b>Environmental Review and Permitting</b>
PE.EV.01	Endangered Species Act Compliance		PE.EV.01	Endangered Species Act Compliance
PE.EV.01.01	Biological Assessment or No Effect Letter		PE.EV.01.01	Biological Assessment or No Effect Letter
		ADDED	PE.EV.01.02	BA Submitted to NOAA
		ADDED	PE.EV.01.03	BA Submitted to USFWS
		ADDED	PE.EV.01.04	Consultation with NOAA
		ADDED	PE.EV.01.05	Consultation with USFWS
PE.EV.01.02	NOAA Biological Opinion or Concurrence Letter		PE.EV.01.06	NOAA Biological Opinion or Concurrence Letter
PE.EV.01.03	USFW Biological Opinion or Concurrence Letter		PE.EV.01.07	USFW Biological Opinion or Concurrence Letter
<b>PE.EV.02</b>	<b>Section 106 &amp; Executive Order 05-05 Compliance</b>		<b>PE.EV.02</b>	<b>Section 106 &amp; EO 05-05 Compliance</b>
PE.EV.02.01	Section 106 Exemption Determination		PE.EV.02.01	Section 106 & EO 05-05 Compliance Exemption Determination
PE.EV.02.02	Section 106 Area of Potential Effects Determination		PE.EV.02.02	Section 106 & EO 05-05 Compliance Area of Potential Effect Map
PE.EV.02.03	Cultural Resources Survey/Effect Determination		PE.EV.02.03	Cultural Resources Survey/Effect Determination
PE.EV.02.04	Section 106 Letter of Concurrence or Memorandum of Agreement		PE.EV.02.04	Section 106 & EO 05-05 Letter of Concurrence or Memorandum of Agreement
		ADDED	PE.EV.02.05	Section 106 Project Scoping and Internal Review
		ADDED	PE.EV.02.06	Initial Tribal Consultation
<b>PE.EV.10</b>	<b>Discipline Studies</b>		<b>PE.EV.10</b>	<b>Discipline Reports</b>
PE.EV.10.01	Discipline Studies - Earth (Geology & Soils)		PE.EV.10.01	Geology & Soils Discipline Report
PE.EV.10.01.02	Geology & Soils Discipline Report	DELETED		
PE.EV.10.02	Discipline Studies - Air		PE.EV.10.02	Air Quality Discipline Report
PE.EV.10.02.02	Air Quality Discipline Report	DELETED		
PE.EV.10.02.03	Air Quality Analysis (for NEPA/SEPA)	DELETED		

2008 MDL Code	Deliverable Name	Action	2011 MDL Code	Deliverable Name
PE.EV.10.03	Discipline Studies - Surface Water		PE.EV.10.03	Surface Water Discipline Report
PE.EV.10.03.02	Surface Water Quality Discipline Report	DELETED		
PE.EV.10.04	Discipline Studies - Groundwater	DELETED		
PE.EV.10.04.04	Groundwater Discipline Report		PE.EV.10.04	Groundwater Discipline Report
PE.EV.10.05	Discipline Studies - Floodplain	DELETED		
PE.EV.10.05.02	Floodplain Discipline Report		PE.EV.10.05	Floodplain Discipline Report
PE.EV.10.06	Discipline Studies - Wildlife, Fish & Vegetation		PE.EV.10.06	Wildlife, Fish & Vegetation Discipline Report
PE.EV.10.07	Discipline Studies - Wetlands and Streams	DELETED		
		ADDED	PE.EV.10.07	Wetland Discipline Report
PE.EV.10.07.10	Wetland Inventory Report		PE.EV.10.07.01	Wetland Inventory Report
		ADDED	PE.EV.10.07.02	NEPA/SEPA Mitigation Memo
		ADDED	PE.EV.10.07.03	Critical Area Report
PE.EV.10.07.15	Wetland/Biology Discipline Report	DELETED		
PE.EV.10.07.30	Stream Survey Report	DELETED		
PE.EV.10.07.40	Jurisdictional Ditch Memorandum		PE.EV.10.07.04	Jurisdictional Ditch Memorandum
PE.EV.10.07.50	Conceptual Wetland Mitigation Report/Plan		PE.EV.10.07.05	Conceptual Wetland Mitigation Report/Plan
PE.EV.10.07.60	Wetland Assessment Report	DELETED		
PE.EV.10.07.70	Preliminary Draft Wetland Mitigation Report	DELETED		
PE.EV.10.07.80	Draft Wetland Mitigation Report/Plan		PE.EV.10.07.06	Draft Wetland Mitigation Report/Plan
PE.EV.10.07.90	Final Wetland Mitigation Report/Plan		PE.EV.10.07.07	Final Wetland Mitigation Report/Plan
PE.EV.10.08	Discipline Studies - Energy		PE.EV.10.08	Energy Discipline Report
PE.EV.10.08.02	Energy Discipline Report	DELETED		
<b>PE.EV.10.09</b>	<b>Discipline Studies - Noise</b>		PE.EV.10.09	Noise Discipline Report
PE.EV.10.09.02	Traffic Noise Discipline Report	DELETED		
PE.EV.10.09.03	Traffic Noise Analysis		PE.EV.10.09.01	Noise Analysis Report
PE.EV.10.10	Discipline Studies - Hazardous Materials	RENAMED	PE.EV.10.10	
PE.EV.10.10.05	Hazardous Materials Discipline Report		PE.EV.10.10	Hazardous Materials Discipline Report
PE.EV.10.10.10	Phase I Environmental Site Assessment (ISA)		PE.EV.10.10.01	Phase I Environmental Site Assessment (ISA)
PE.EV.10.10.20	Phase II Site Investigation		PE.EV.10.10.02	Phase II Environmental Site Assessment (PSI)
PE.EV.10.10.30	Phase III Remedial Investigation / Feasibility Study		PE.EV.10.10.03	Phase III Environmental Site
<b>PE.EV.10.11</b>	<b>Discipline Studies - Land Use</b>		PE.EV.10.11	Land Use Discipline Report
PE.EV.10.11.02	Land Use Discipline Report / Technical Memorandum	DELETED		
PE.EV.10.11.04	Farmland Conversion Package		PE.EV.10.11.01	Farmland Conversion Package
PE.EV.10.11.06	Section 6f Property Conversion Package		PE.EV.10.11.02	Section 6(f) Property Conversion Package
PE.EV.10.12	Section 4(f) (Public Lands) Evaluation		PE.EV.10.12	Section 4(f) (Public Lands) Evaluation
PE.EV.10.12.01	Section 4(f) Evaluation Report	DELETED		
<b>PE.EV.10.13</b>	<b>Discipline Studies - Historic, Cultural, and Archeological Resources</b>		PE.EV10.13	Cultural Resources Discipline Report
PE.EV.10.13.10	Cultural Resources Discipline Report / Technical Memorandum	DELETED		
PE.EV.10.13.20	Cultural Resources Survey		PE.EV.10.13.01	Cultural Resources Survey
PE.EV.10.13.30	Cultural Resources Memorandum of Agreement		PE.EV.10.13.02	Cultural Resources Memorandum of Agreement
PE.EV.10.14	Discipline Studies - Social and Economic	DELETED		

2008 MDL Code	Deliverable Name	Action	2011 MDL Code	Deliverable Name
PE.EV.10.14.10	Social Elements Report	DELETED		
PE.EV.10.14.20	Economic Elements Report	DELETED		
PE.EV.10.14.30	Relocation Report		PE.EV.10.14	Relocation Report
PE.EV.10.14.40	Environmental Justice Report	DELETED		
		ADDED	PE.EV.10.14.01	Social Economic and Environmental Justice Discipline Report
PE.EV.10.15	Discipline Studies - Transportation		PE.EV.10.15	Transportation Discipline Report
PE.EV.10.15.10	Transportation Discipline Report or Technical Memorandum	DELETED		
PE.EV.10.16	Discipline Studies - Public Services & utilities		PE.EV.10.16	Public Services & Utilities Discipline Report
PE.EV.10.16.10	Public Services & Utilities Discipline Report or Technical Memorandum	DELETED		
PE.EV.10.17	Discipline Studies - Visual Impacts		PE.EV.10.17	Visual Impacts Discipline Report
<b>PE.EV.11</b>	<b>NEPA/SEPA Compliance</b>		<b>PE.EV.11</b>	<b>NEPA/SEPA Compliance</b>
		ADDED	PE. EV. 11.01	JARPA
PE.EV.11.10	Early Coordination		PE.EV.11.02	Early Coordination
PE.EV.11.20	Public Notice		PE.EV.11.03	Public Notice
PE.EV.11.20.01	Notice of Intent (NOI)		PE.EV.11.04	Notice of Intent (NOI)
PE.EV.11.20.02	Determination of Significance / EIS Scoping Notice		PE.EV.11.05	Determination of Significance / EIS Scoping Notice
PE.EV.11.30	EIS or EA Scoping		PE.EV.11.06	EIS or EA Scoping
<b>PE.EV.11.40</b>	<b>Draft NEPA/SEPA Environmental Document</b>		PE.EV.11.40	Draft NEPA/SEPA Environmental Document
PE.EV.11.40.01	NEPA Draft EIS, SDEIS, or DSEIS		PE.EV.11.40.01	NEPA Draft EIS, SDEIS, or DSEIS
PE.EV.11.40.02	SEPA Draft EIS, SDEIS, or DSEIS		PE.EV.11.40.02	SEPA Draft EIS, SDEIS, or DSEIS
PE.EV.11.40.03	SEPA Checklist / DNS		PE.EV.11.40.03	SEPA Checklist / DNS
<b>PE.EV.11.50</b>	<b>Public Hearing / Comments</b>		PE.EV.11.50	Public Hearing / Comments
PE.EV.11.50.01	Environmental Hearing		PE.EV.11.50.01	Environmental Hearing
<b>PE.EV.11.60</b>	<b>Final NEPA/SEPA Environmental Decision Documents</b>		PE.EV.11.60	Final NEPA/SEPA Environmental Decision Documents
PE.EV.11.60.02	NEPA CE (ERS)		PE.EV.11.60.01	NEPA CE (ERS)
PE.EV.11.60.04	NEPA DCE (ECS)		PE.EV.11.60.02	NEPA DCE (ECS)
PE.EV.11.60.06	NEPA EA or Revised EA		PE.EV.11.60.03	NEPA EA or Revised EA
PE.EV.11.60.08	FONSI Issued		PE.EV.11.60.04	FONSI Issued
PE.EV.11.60.10	NEPA FEIS or FSEIS		PE.EV.11.60.05	NEPA FEIS or FSEIS
PE.EV.11.60.12	ROD		PE.EV.11.60.06	ROD
PE.EV.11.60.14	NEPA Statute of Limitations (SOL) Notice		PE.EV.11.60.07	NEPA Statute of Limitations (SOL) Notice
PE.EV.11.60.16	NEPA Re-evaluation		PE.EV.11.60.08	NEPA Re-evaluation
PE.EV.11.60.18	SEPA CE		PE.EV.11.60.09	SEPA CE
PE.EV.11.60.20	SEPA Checklist / DNS		PE.EV.11.60.10	SEPA Checklist / DNS
PE.EV.11.60.22	SEPA FEIS or FSEIS		PE.EV.11.60.11	SEPA FEIS or FSEIS
PE.EV.11.60.24	SEPA Adoption Notice		PE.EV.11.60.12	SEPA Adoption Notice
PE.EV.11.60.26	SEPA Notice of Action Taken (NAT)		PE.EV.11.60.13	SEPA Notice of Action Taken (NAT)
PE.EV.18	Environmental Review Documentation Complete		PE.EV.18	Environmental Review Documentation Complete
PE.EV.19	Environmental Review Documentation Approved		PE.EV.19	Environmental Review Documentation Approved
<b>PE.EV.21</b>	<b>Environmental Permits</b>		<b>PE.EV.21</b>	<b>Environmental Permits</b>
PE.EV.21.01	Corps Section 404 Permit		PE.EV.21.01	Corps Section 404 Permit
PE.EV.21.02	Corps Section 10 Permit		PE.EV.21.02	Corps Section 10 Permit

2008 MDL Code	Deliverable Name	Action	2011 MDL Code	Deliverable Name
PE.EV.21.03	Coast Guard Section 9 Permit		PE.EV.21.03	Coast Guard Section 9 Permit
PE.EV.21.04	Coastal Zone Management Certification		PE.EV.21.04	Coastal Zone Management Certification
PE.EV.21.05	Hydraulic Project Approval (HPA)		PE.EV.21.05	Hydraulic Project Approval (HPA)
PE.EV.21.06	Section 402 NPDES Permit		PE.EV.21.06	Section 402 NPDES Permit
PE.EV.21.07	State Waste Discharge		PE.EV.21.07	State Waste Discharge
PE.EV.21.08	Section 401 Water Quality Certification		PE.EV.21.08	Section 401 Water Quality Certification
PE.EV.21.09	Short-Term Water Quality Modification		PE.EV.21.09	Short-Term Water Quality Modification
PE.EV.21.10	Forest Practices Permit		PE.EV.21.10	Forest Practices Permit
PE.EV.21.12	Floodplain Development Permit		PE.EV.21.11	Floodplain Development Permit
PE.EV.21.13	Critical Area Ordinance Permit		PE.EV.21.12	Critical Area Ordinance Permit
PE.EV.21.14	Air Quality Permit		PE.EV.21.13	Air Quality Permit
PE.EV.21.15	Noise Variance		PE.EV.21.14	Noise Variance
PE.EV.21.16	Shoreline Permit/Exemption		PE.EV.21.15	Shoreline Permit/Exemption
PE.EV.21.17	Land Use Permit		PE.EV.21.16	Land Use Permit
		ADDED	PE.EV.21.17	Environmental Permit for Field Exploration
PE.EV.21.18	Clearing, Grading, & Building Permit		PE.EV.21.18	Clearing, Grading, & Building Permit
PE.EV.21.21	Soil Boring Notice of Intent		PE.EV.21.19	Soil Boring Notice of Intent
PE.EV.21.22	Archaeological Resources Protection Permit		PE.EV.21.20	Archaeological Resources Protection Permit
PE.EV.21.23	Archaeological Excavation and Removal Permit		PE.EV.21.21	Archaeological Excavation and Removal Permit
PE.EV.21.24	Tribal Approvals & Permits		PE.EV.21.22	Tribal Approvals & Permits
		ADDED	PE.EV.21.23	Migratory Bird Treaty Act Evaluation
		ADDED	PE.EV.21,24	Bald and Golden Eagle Protection Act Evaluation
		ADDED	PE.EV.21.25	Marine Mammal Protection Permit Act Evaluation
PE.EV.21.25	Miscellaneous Permits & Approvals		PE.EV.21.26	Miscellaneous Permits & Approvals
PE.EV.29	Environmental Permits Received		<b>PE.EV.29</b>	<b>Environmental Permits Received</b>
<b>PE.EV.31</b>	<b>Environmental Commitment File</b>		<b>PE.EV.31</b>	<b>Environmental Commitment File</b>
		ADDED	PE.EV.31.01	Environmental Compliance Meeting
		ADDED	PE.EV.31.02	Environmental Compliance Notes Finalized
<b>PE.BR</b>	<b>Bridge and Structures</b>		<b>PE.BR</b>	<b>Bridge and Structures</b>
PE.BR.01	Structural Site Data		<b>PE.BR.01</b>	<b>Structural Site Data</b>
PE.BR.01.01	Bridge Site Data		PE.BR.01.01	Bridge Site Data
PE.BR.01.02	Wall Site Data		PE.BR.01.02	Wall Site Data
PE.BR.01.03	Noise Wall Site Data		PE.BR.01.03	Noise Wall Site Data
PE.BR.01.04	Noise Barrier Height & Verification Analysis		PE.BR.01.04	Noise Barrier Height & Verification Analysis
<b>PE.BR.02</b>	<b>Bridge / Structure Design &amp; Plans</b>		<b>PE.BR.02</b>	<b>Bridge / Structure Design &amp; Plans</b>
PE.BR.02.01	Bridge Condition Report		PE.BR.02.01	Bridge Condition Report
PE.BR.02.02	Preliminary Bridge Plan		PE.BR.02.02	Preliminary Bridge Plan
PE.BR.02.03	Sign Structure Design & Plans		PE.BR.02.03	Sign Structure Design & Plans
PE.BR.02.04	Noise Wall Design		PE.BR.02.04	Noise Wall Design
PE.BR.02.05	Retaining Wall Design		PE.BR.02.05	Retaining Wall Design
PE.BR.02.06	Bridge Rails/Expansion Joints Design		PE.BR.02.06	Bridge Rails/Expansion Joints Design
PE.BR.02.07	Other Structure Design		PE.BR.02.07	Other Structure Design
PE.BR.02.08	Consultant Structural Plans Review		PE.BR.02.08	Consultant Structural Plans Review
PE.BR.02.09	Bridge Architect		PE.BR.02.09	Bridge Architect
PE.BR.02.10	Bridge Design		PE.BR.02.10	Bridge Design
<b>PE.BR.02.11</b>	<b>Tunnel Design</b>	DELETED		
PE.BR.02.12	Bridge Specials and Estimates		PE.BR.02.12	Bridge Specials and Estimates
<b>PE.PD</b>	<b>Project Development</b>		<b>PE.PD</b>	<b>Project Development</b>
<b>PE.PD.02</b>	<b>Design-Build Assessment</b>		<b>PE.PD.02</b>	<b>Design-Build Assessment</b>
PE.PD.02.01	Design-Build Decision Document		PE.PD.02.01	Design-Build Decision Document

2008 MDL Code	Deliverable Name	Action	2011 MDL Code	Deliverable Name
<b>PE.PD.04</b>	<b>Cost Risk Estimate &amp; Management</b>		<b>PE.PD.04</b>	<b>Cost Risk Estimate &amp; Management</b>
PE.PD.04.10	CEVP®		PE.PD.04.01	CEVP®
PE.PD.04.20	CRA Workshop		PE.PD.04.02	CRA Workshop
		ADDED	PE.PD.04.03	Informal Cost Risk Analysis
		ADDED	PE.PD.04.04	Qualitative Risk Assessment
		ADDED	PE.PD.04.05	Combined Cost Risk Analysis and Value Engineering (CRAVE)
		ADDED	PE.PD.04.06	Risk Management Plan
<b>PE.PD.06</b>	<b>Project Data, Survey Data, and Basemap</b>		<b>PE.PD.06</b>	<b>Project Data, Survey Data, and Base map</b>
PE.PD.06.10	Project Data		PE.PD.06.01	Project Data
PE.PD.06.10.01	Background Data		PE.PD.06.02	Background Data
PE.PD.06.10.02	Aerial Photographs		PE.PD.06.03	Aerial Photographs
PE.PD.06.10.03	Data Collection - Aerial Photography		PE.PD.06.04	Data Collection - Aerial Photography
PE.PD.06.10.04	Clear Zone Inventory		PE.PD.06.05	Clear Zone Inventory
PE.PD.06.10.05	As-Built Data Verified		PE.PD.06.06	As-Built Data Verified
PE.PD.06.10.06	Maintenance Review Documentation		PE.PD.06.07	Maintenance Review Documentation
		ADDED	PE.PD.06.08	ADA Accessibility Feature Inventory
<b>PE.PD.06.20</b>	<b>Surveying Data</b>		PE.PD.06.20	Surveying Data
PE.PD.06.20.01	Establish Geodetic Survey Control		PE.PD.06.20.01	Establish Geodetic Survey Control
PE.PD.06.20.02	Establish Project Geometric Framework		PE.PD.06.20.02	Establish Project Geometric Framework
PE.PD.06.20.03	Geodetic Survey Monument Location		PE.PD.06.20.03	Geodetic Survey Monument Location
PE.PD.06.20.04	Geodetic Survey Monument Re-establishment		PE.PD.06.20.04	Geodetic Survey Monument Re-establishment
PE.PD.06.20.05	Monitor Slope and Structure Movement		PE.PD.06.20.05	Monitor Slope and Structure Movement
PE.PD.06.20.06	Utility Location		PE.PD.06.20.06	Utility Location
PE.PD.06.20.07	Data Collection -Survey		PE.PD.06.20.07	Data Collection -Survey
PE.PD.06.20.08	Data Collection - 3D Terrestrial LiDAR (Laser Scanning)		PE.PD.06.20.08	Data Collection - 3D Terrestrial LiDAR (Laser Scanning)
PE.PD.06.20.09	Data Collection - Hydrographic Survey		PE.PD.06.20.09	Data Collection - Hydrographic Survey
PE.PD.06.20.10	Data Collection - Field Topography		PE.PD.06.20.10	Data Collection - Field Topography
<b>PE.PD.06.30</b>	<b>Basemap</b>		PE.PD.06.30	Basemap
PE.PD.06.30.06	Data Processing - Photogrammetry		PE.PD.06.30.01	Data Processing - Photogrammetry
PE.PD.06.30.07	Data Processing - Point Cloud		PE.PD.06.30.02	Data Processing - Point Cloud
		ADDED	<b>PE.PD.07</b>	<b>WSF Vessels Design Work</b>
		ADDED	PE.PD.07.01	Electrical Design
		ADDED	PE.PD.07.02	Mechanical Design
		ADDED	PE.PD.07.03	Hull Design
		ADDED	PE.PD.07.04	Security Design - Mechanical
		ADDED	PE.PD.07.05	Security Design - Hull
		ADDED	PE.PD.07.06	Security Design - Electrical
PE.PD.08	Design Hearing	DELETED		
PE.PD.08.10	Design Hearing Packet	Relocated	PE.PD.14.09	
PE.PD.08.20	Design Hearing	Relocated	PE.PD.14.10	
<b>PE.PD.10</b>	<b>Value Engineering</b>		<b>PE.PD.10</b>	<b>Value Engineering</b>
PE.PD.10.10	VE Study		PE.PD.10.01	VE Study
		ADDED	PE.PD.10.02	VE Final Report
PE.PD.10.20	VE Recommendations Response		PE.PD.10.03	VE Recommendations Response
PE.PD.10.30	VE Decision Document	DELETED		
<b>PE.PD.12</b>	<b>Interchange Justification</b>		<b>PE.PD.12</b>	<b>Interchange Justification</b>
PE.PD.12.10	Interchange Justification Report (IJR)		PE.PD.12.01	Interchange Justification Report (IJR)
<b>PE.PD.14</b>	<b>Access Management &amp; Control</b>		<b>PE.PD.14</b>	<b>Access Control</b>
PE.PD.14.01	Managed Access		PE.PD.14.01	Managed Access Permit
		ADDED	PE.PD.14.02	Hearings
		ADDED	PE.PD.14.03	Limited Access Hearing
		ADDED	PE.PD.14.04	Limited Access Report & Plans

2008 MDL Code	Deliverable Name	Action	2011 MDL Code	Deliverable Name
		ADDED	PE.PD.14.05	Limited Access Hearing Packet
		ADDED	PE.PD.14.06	Formal Access Hearing
		ADDED	PE.PD.14.07	Limited Access Findings & Order
		ADDED	PE.PD.14.08	Adoption of Limited Access Findings & Order
			PE.PD.14.09	Design Hearing Packet
		ADDED	PE.PD.14.10	Design Hearing
		ADDED	PE.PD.14.11	Adoption of Design Hearing Summary
		ADDED	PE.PD.14.12	Corridor Hearing
		ADDED	PE.PD.14.13	Adoption of Corridor Hearing Summary
		ADDED	PE.PD.14.14	Environmental Documentation Hearing
		ADDED	PE.PD.14.15	Adoption of Environmental Hearing Summary
PE.PD.14.01.01	Access Connection Evaluation and Permit	DELETED		
PE.PD.14.02	Design / Access Hearings & Findings	DELETED		
PE.PD.14.02.10	Access Report	DELETED		
PE.PD.14.02.20	Access Report Plans	DELETED		
PE.PD.14.02.30	Access Hearing Plans	DELETED		
PE.PD.14.02.40	Access Hearing Packet	DELETED		
PE.PD.14.02.50	Access Hearing	DELETED		
PE.PD.14.02.60	Access Findings & Order	DELETED		
PE.PD.14.07	Access Findings & Order Adopted	DELETED		
<b>PE.PD.16</b>	<b>Materials (Roadway)</b>		<b>PE.PD.16</b>	<b>Materials (Roadway)</b>
PE.PD.16.10	Pavement Determination		PE.PD.16.01	Pavement Determination
PE.PD.16.20	Surfacing/Resurfacing Report		PE.PD.16.02	Surfacing/Resurfacing Report
PE.PD.16.30	Materials Source Report		PE.PD.16.03	Materials Source Report
<b>PE.PD.18</b>	<b>Geotechnical Evaluations</b>		<b>PE.PD.18</b>	<b>Geotechnical Evaluations</b>
PE.PD.18.01	Preliminary Site Data		PE.PD.18.01	Preliminary Site Data
PE.PD.18.02	Environmental Permit for Field Exploration	Relocated	PE.EV.21.17	Environmental Permit for Field Exploration
PE.PD.18.03	Conceptual Geotechnical Report		PE.PD.18.02	Conceptual Geotechnical Report
PE.PD.18.04	Project Site Data		PE.PD.18.03	Project Site Data
PE.PD.18.05	RME Geotech Report(s)		PE.PD.18.04	RME Geotech Report(s)
PE.PD.18.06	HQ Geotechnical Report(s)		PE.PD.18.05	HQ Geotechnical Report(s)
<b>PE.PD.20</b>	<b>Roadway Geometrics and Plans</b>		<b>PE.PD.20</b>	<b>Roadway Geometrics and Plans</b>
PE.PD.20.10	Roadway Design		PE.PD.20.01	Roadway Design
PE.PD.20.10.10	Alignments		PE.PD.20.02	Alignment Plan
PE.PD.20.10.20	Intersection Plan for Approval		PE.PD.20.03	Intersection Plan for Approval
PE.PD.20.10.30	Interchange Plan for Approval		PE.PD.20.04	Interchange Plan for Approval
PE.PD.20.10.40	Channelization Plan		PE.PD.20.05	Channelization Plan
PE.PD.20.10.50	Earthwork Quantities		PE.PD.20.06	Project Footprint & Earthwork Quantities
PE.PD.20.10.60	Roadway Sections		PE.PD.20.07	Roadway Sections
PE.PD.20.10.70	Roadside Safety		PE.PD.20.08	Roadside Safety Analysis
PE.PD.20.20	Minor Safety Documentation		PE.PD.20.09	Minor Safety Documentation
		ADDED	PE.PD.20.10	Corridor or Project Analysis
<b>PE.PD.22</b>	<b>Hydraulics</b>		<b>PE.PD.22</b>	<b>Hydraulics</b>
PE.PD.22.01	Type A Hydraulic Report		PE.PD.22.01	Type A Hydraulic Report
PE.PD.22.02	Type B Hydraulic Report		PE.PD.22.02	Type B Hydraulic Report
PE.PD.22.03	Hydraulic Summary		PE.PD.22.03	Hydraulic Summary
PE.PD.22.04	Special Reports	DELETED		
		ADDED	PE.PD.22.04	Hydraulics Design and Analyses
PE.PD.22.05	Hydraulic Report Approved		PE.PD.22.05	Hydraulic Report Approved
<b>PE.PD.24</b>	<b>Partnerships</b>		<b>PE.PD.24</b>	<b>Partnerships</b>

2008 MDL Code	Deliverable Name	Action	2011 MDL Code	Deliverable Name
PE.PD.24.10	Local Agencies Agreements/MOU's		PE.PD.24.01	Local Agencies Agreements/MOU's
PE.PD.24.20	Other Agencies Agreements/MOU's		PE.PD.24.02	Other Agencies Agreements/MOU's
PE.PD.24.30	Tribal Agreements/MOU's		PE.PD.24.03	Tribal Agreements/MOU's
PE.PD.24.40	Developer Agreements/MOU's		PE.PD.24.04	Developer Agreements/MOU's
<b>PE.PD.26</b>	<b>Railroad</b>		<b>PE.PD.26</b>	<b>Railroad</b>
PE.PD.26.10	Preliminary Relocation Plan		PE.PD.26.01	Preliminary Relocation Plan
PE.PD.26.20	Existing Railroad Facilities Located		PE.PD.26.02	Existing Railroad Facilities Located
PE.PD.26.30	Existing Railroad Facility Plan		PE.PD.26.03	Existing Railroad Facility Plan
PE.PD.26.40	Updated Railroad Facility Location Plan		PE.PD.26.04	Updated Railroad Facility Location Plan
PE.PD.26.50	Railroad Facilities Relocation Plan		PE.PD.26.05	Railroad Facilities Relocation Plan
PE.PD.26.60	Railroad Agreements		PE.PD.26.06	Railroad Agreements
<b>PE.PD.28</b>	<b>Right of Way (R/W) Engineering</b>		<b>PE.PD.28</b>	<b>Right of Way (RW) Engineering</b>
PE.PD.28.10	R/W Base Map & R/W Plans		PE.PD.28.01	RW Base Map & RW Plans
PE.PD.28.10.05	Preliminary Right of Way		PE.PD.28.02	Preliminary Right of Way
PE.PD.28.10.10	R/W Plans		PE.PD.28.03	R/W Plans
PE.PD.28.10.15	Sundry Site Plans		PE.PD.28.04	Sundry Site Plans
PE.PD.28.10.20	DNR Plat		PE.PD.28.05	DNR Plat
PE.PD.28.10.25	Monumentation Map		PE.PD.28.06	Monumentation Map
PE.PD.28.10.30	Record of Survey		PE.PD.28.07	Record of Survey
PE.PD.28.10.35	Land Corner Records		PE.PD.28.08	Land Corner Records
PE.PD.28.10.40	Permit to Destroy		PE.PD.28.09	Permit to Destroy
PE.PD.28.10.45	Ownership Interests and Encumbrances (Title Reports)		PE.PD.28.10	Ownership Interests and Encumbrances (Title Reports)
		ADDED	PE.PD.28.11	Right-of-Way Project Funding Estimate (PFE)
PE.PD.28.10.50	Right of Entry		PE.PD.28.12	Right of Entry
PE.PD.28.20	Right of Way and Limited Access Plan Approval		PE.PD.28.13	Right of Way and Limited Access Plan Approval
PE.PD.28.90	R/W Plan Approved		PE.PD.28.14	R/W Plan Approved
<b>PE.PD.30</b>	<b>FACILITIES</b>		<b>PE.PD.30</b>	<b>FACILITIES</b>
PE.PD.30.01	Civil Engineering (Facility)		PE.PD.30.01	Site Design Plan (Facility)
PE.PD.30.02	Architectural		PE.PD.30.02	Architectural Design Plan
PE.PD.30.03	Facilities Structural		PE.PD.30.03	Facilities Structural Plan
PE.PD.30.04	Facility Mechanical		PE.PD.30.04	Facility Mechanical Plan
PE.PD.30.05	Facility Electrical		PE.PD.30.05	Facility Electrical Plan
PE.PD.30.06	Landscape Architecture		PE.PD.30.06	Site Restoration Plan
<b>PE.PD.32</b>	<b>Roadside Restoration</b>		<b>PE.PD.32</b>	<b>Roadside Restoration and Site Development</b>
PE.PD.32.10	Roadside Master Plan		PE.PD.32.01	Roadside Master Plan
PE.PD.32.20	Restoration Estimate		PE.PD.32.02	Restoration Estimate Worksheet
PE.PD.32.30	Landscape Design		PE.PD.32.03	Roadside Restoration Plan
PE.PD.32.40	Irrigation Plan		PE.PD.32.04	Irrigation Plan
		ADDED	PE.PD.32.05	Aesthetics Treatment Plan
		ADDED	PE.PD.32.06	Mitigation Design and Plan Sheets
		ADDED	PE.PD.32.07	Plant Establishment Implementation Plan
PE.PD.32.50	Landscape Plan	DELETED		
<b>PE.PD.34</b>	<b>Traffic Analysis</b>		<b>PE.PD.34</b>	<b>Traffic Analysis</b>
PE.PD.34.10	Collision Data		PE.PD.34.01	Collision Data
PE.PD.34.20	Preliminary Traffic Analysis Report		PE.PD.34.02	Preliminary Traffic Analysis Report
PE.PD.34.30	Traffic Volumes & Movements		PE.PD.34.03	Traffic Volumes & Movements
PE.PD.34.40	Traffic Model		PE.PD.34.04	Traffic Model
PE.PD.34.50	Traffic Analysis Report		PE.PD.34.05	Traffic Analysis Report
PE.PD.34.60	Bus Stop Inventory		PE.PD.34.06	Bus Stop Inventory
PE.PD.34.70	Intersection Control Alternatives Analysis		PE.PD.34.07	Intersection Control Alternatives Analysis

2008 MDL Code	Deliverable Name	Action	2011 MDL Code	Deliverable Name
<b>PE.PD.36</b>	<b>Traffic Design &amp; Plans</b>		<b>PE.PD.36</b>	<b>Traffic Design &amp; Plans</b>
PE.PD.36.10	Signing Design & Plans		PE.PD.36.01	Signing Design & Plans
PE.PD.36.20	Illumination Design & Plans		PE.PD.36.02	Illumination Design & Plans
PE.PD.36.30	Signal Design & Plans		PE.PD.36.03	Signal Design & Plans
PE.PD.36.30.10	Traffic Signal Permit		PE.PD.36.04	Traffic Signal Permit
PE.PD.36.40	ITS Design & Plans		PE.PD.36.05	ITS Design & Plans
<b>PE.PD.38</b>	<b>Utilities</b>		<b>PE.PD.38</b>	<b>Utilities</b>
PE.PD.38.10	Existing Utilities Located		PE.PD.38.01	Existing Utilities Located
PE.PD.38.20	Existing Utility Plan		PE.PD.38.02	Existing Utility Plan
PE.PD.38.30	Utility Relocation Plan		PE.PD.38.03	Utility Relocation Plan
PE.PD.38.40	Utility Agreements		PE.PD.38.04	Utility Agreements
<b>PE.PD.40</b>	<b>Work Zone Traffic Control (WZTC) - Design &amp; Plans</b>		<b>PE.PD.40</b>	<b>Work Zone Traffic Control (WZTC) - Design &amp; Plans</b>
PE.PD.40.10	Work Zone Traffic Control Meeting		PE.PD.40.01	Work Zone Traffic Control Meeting
		ADDED	PE.PD.40.02	Transportation Management Plan (TMP)
PE.PD.40.20	Staging Design		PE.PD.40.03	Staging Design
PE.PD.40.30	Traffic Control Plans		PE.PD.40.04	Traffic Control Plans
PE.PD.40.40	Detour Plan		PE.PD.40.05	Detour Plan
<b>PE.PD.42</b>	<b>Design Documentation</b>		<b>PE.PD.42</b>	<b>Design Documentation</b>
PE.PD.42.10	Design Approved		PE.PD.42.01	Design Approval
PE.PD.42.20	Design Documentation Package		PE.PD.42.02	Design Documentation Package
		ADDED	PE.PD.42.03	ADA Accessibility Design Documentation
PE.PD.42.30	Deviation		PE.PD.42.04	Deviation
PE.PD.42.40	Evaluate Upgrade		PE.PD.42.05	Evaluate Upgrade
PE.PD.42.50	Design Exception		PE.PD.42.06	Design Exception
PE.PD.42.60	Project Development Approval		PE.PD.42.07	Project Development Approval
<b>PE.PD.44</b>	<b>Design-Build Procurement</b>		<b>PE.PD.44</b>	<b>Design-Build Procurement</b>
PE.PD.44.10	Request For Qualifications (RFQ)		PE.PD.44.01	Request For Qualifications (RFQ) Preparation
PE.PD.44.10.01	Publish Request for Statements of Qualifications (RFQ)		PE.PD.44.02	Publish Request for Statements of Qualifications (RFQ)
PE.PD.44.10.02	Shortlist Bidders Selected		PE.PD.44.03	Shortlist Bidders Selected
PE.PD.44.20	Draft Request For Proposals (RFP)		PE.PD.44.04	Request For Proposal (RFP) preparation
PE.PD.44.20.01	Publish Draft Request for Proposals (RFP)		PE.PD.44.05	Publish Request for Proposals (RFP)
PE.PD.44.30	Request For Proposals (RFP)		PE.PD.44.06	Request For Proposal (RFP) evaluation
PE.PD.44.40	Technical & Price Evaluation		PE.PD.44.07	Best Value Determination
<b>PE.PD.50</b>	<b>Contract Plan Sheets Preparation</b>		<b>PE.PD.50</b>	<b>Contract Plan Sheets Preparation</b>
PE.PD.50.02	Index		PE.PD.50.01	Index
PE.PD.50.05	Vicinity Map		PE.PD.50.02	Vicinity Map
PE.PD.50.10	Summary of Quantities		PE.PD.50.03	Summary of Quantities
PE.PD.50.15	Reclamation Plans		PE.PD.50.04	Reclamation Plans
PE.PD.50.20	Roadway Section Plans		PE.PD.50.05	Roadway Section Plans
PE.PD.50.25	Grading Section Plans		PE.PD.50.06	Grading Section Plans
PE.PD.50.30	Stage Construction Plans		PE.PD.50.07	Stage Construction Plans
PE.PD.50.35	Alignment / Right of Way Plans		PE.PD.50.08	Alignment / Right of Way Plans
PE.PD.50.40	Quantity Tabs		PE.PD.50.09	Quantity Tabs
PE.PD.50.45	Site Preparation Plans		PE.PD.50.10	Site Preparation Plans
PE.PD.50.50	Existing Utilities Plan		PE.PD.50.11	Existing Utilities Plan
PE.PD.50.55	Environmental and/or Wetland Mitigation Plans		PE.PD.50.12	Environmental and/or Wetland Mitigation Plans
PE.PD.50.60	Roadway Profiles		PE.PD.50.13	Roadway Profiles
PE.PD.50.65	TESC Plans		PE.PD.50.14	TESC Plans
PE.PD.50.70	Drainage Plans		PE.PD.50.15	Drainage Plans
PE.PD.50.75	Utility Plans		PE.PD.50.16	Utility Plans
PE.PD.50.80	Interchange Contours		PE.PD.50.17	Interchange Contours
PE.PD.50.85	Paving Plans		PE.PD.50.18	Paving Plans
PE.PD.50.90	Pavement Marking Plans		PE.PD.50.19	Pavement Marking Plans
PE.PD.50.95	Minor Structures Plans		PE.PD.50.20	Minor Structures Plans
<b>PE.PD.60</b>	<b>Contract Specifications Development</b>		<b>PE.PD.60</b>	<b>Contract Specifications Development</b>
PE.PD.60.10	Contract Specifications		PE.PD.60.01	Contract Specifications

2008 MDL Code	Deliverable Name	Action	2011 MDL Code	Deliverable Name
PE.PD.60.20	Summary of Geotechnical Conditions		PE.PD.60.02	Summary of Geotechnical Conditions
<b>PE.PD.65</b>	<b>Construction Estimate Development</b>		<b>PE.PD.65</b>	<b>Construction Estimate Development</b>
		ADDED	PE.PD.65.01	Basis of Estimate (BOE)
PE.PD.65.10	Engineer's Cost Estimate of Construction		PE.PD.65.02	Engineer's Cost Estimate of Construction
PE.PD.65.20	Lump Sum Breakout		PE.PD.65.03	Lump Sum Breakout
PE.PD.65.30	Working Day Estimate		PE.PD.65.04	Working Day Estimate
<b>PE.PD.70</b>	<b>Construction Permits</b>		<b>PE.PD.70</b>	<b>Construction Permits</b>
PE.PD.70.10	Construction Permits		PE.PD.70.01	Construction Permits
PE.PD.70.20	Aquatic Lands Use Authorization		PE.PD.70.02	Aquatic Lands Use Authorization
PE.PD.70.30	Authorization for use of federal land		PE.PD.70.03	Authorization for use of Federal Land
PE.PD.70.40	Haul Road and Detour Agreement		PE.PD.70.04	Haul Road and Detour Agreement
PE.PD.70.50	Turnback Agreement		PE.PD.70.05	Turnback Agreement
<b>PE.PD.75</b>	<b>Constructability Reviews</b>		<b>PE.PD.75</b>	<b>Constructability Reviews</b>
PE.PD.75.01	Scoping Phase Review (PDR)		PE.PD.75.01	Scoping Phase Review (PDR)
PE.PD.75.02	0% Constructability Review		PE.PD.75.02	0% Constructability Review
PE.PD.75.30	30% Constructability Review		PE.PD.75.03	30% Constructability Review
PE.PD.75.60	60% Constructability Review		PE.PD.75.04	60% Constructability Review
PE.PD.75.90	90% Constructability Review		PE.PD.75.05	90% Constructability Review
<b>PE.PD.80</b>	<b>PS&amp;E Reviews</b>		<b>PE.PD.80</b>	<b>PS&amp;E Reviews</b>
PE.PD.80.05	Local Agency Review		PE.PD.80.01	Local Agency Review
PE.PD.80.10	Region PS&E Review		PE.PD.80.02	Region PS&E Review
PE.PD.80.12	State Materials Justification/Approval		PE.PD.80.03	State Materials Justification/Approval
PE.PD.80.14	Proprietary Item Approval		PE.PD.80.04	Proprietary Item Approval
PE.PD.80.20	HQ PS&E Review		PE.PD.80.05	HQ PS&E Review
PE.PD.80.30	FHWA PS&E Review		PE.PD.80.06	FHWA PS&E Review
PE.PD.80.32	FRA PS&E Review		PE.PD.80.07	FRA PS&E Review
PE.PD.80.34	Federal Transit Agency (FTA) PS&E Review		PE.PD.80.08	Federal Transit Agency (FTA) PS&E Review
PE.PD.80.40	Final Signed PS&E to Region		PE.PD.80.09	Final Signed PS&E to Region
PE.PD.80.50	Ad Package to Headquarters		PE.PD.80.10	Ad Package to Headquarters
<b>PE.PD.85</b>	<b>Project Shelf</b>		<b>PE.PD.85</b>	<b>Project Shelf</b>
PE.PD.85.10	Incomplete Project to Shelf		PE.PD.85.01	Incomplete Project to Shelf
PE.PD.85.20	AD Ready Project to Shelf		PE.PD.85.02	AD Ready Project to Shelf
PE.PD.85.30	Shelf to AD Ready		PE.PD.85.03	Shelf to AD Ready
PE.PD.85.40	Shelf/Ad Ready Letter		PE.PD.85.04	Shelf/Ad Ready Letter
PE.PD.85.50	Estimate to Make AD Ready		PE.PD.85.05	Estimate to Make AD Ready
<b>PE.PD.90</b>	<b>Contract Ad &amp; Award</b>		<b>PE.PD.90</b>	<b>Contract Ad &amp; Award</b>
		ADDED	PE.PD.90.01	Contracts & Legal
PE.PD.90.05	Pre-AD Review		PE.PD.90.02	Pre-AD Review
PE.PD.90.10	R/W Certification		PE.PD.90.03	R/W Certification
PE.PD.90.15	R/W Recertification		PE.PD.90.04	R/W Recertification
PE.PD.90.20	Construction Funding Approval		PE.PD.90.05	Construction Funding Approval
PE.PD.90.25	Printing		PE.PD.90.06	Printing
PE.PD.90.30	Project Geotechnical Documentation Package		PE.PD.90.07	Project Geotechnical Documentation Package
PE.PD.90.35	Advertisement (AD Date)		PE.PD.90.08	Advertisement (AD Date)
PE.PD.90.40	Addendum Preparation		PE.PD.90.09	Addenda
PE.PD.90.45	Construction Preparation		PE.PD.90.10	Construction Phase Preparation
PE.PD.90.50	Addendum Deadline		PE.PD.90.11	Addenda Deadline
PE.PD.90.55	Bid Opening		PE.PD.90.12	Bid Opening
PE.PD.90.60	Award		PE.PD.90.13	Award
		ADDED	PE.PD.90.14	Plan and Document Archive (PDA)
		ADDED	PE.PD.90.15	Computer Aided Engineering (CAE) Archive
PE.PD.90.65	PE Phase End		PE.PD.90.16	PE Phase End
<b>RW</b>	<b>Right of Way</b>		<b>RW</b>	<b>Right of Way</b>
RW.PM	Project Management & Overhead - Right of Way		<b>RW.PM</b>	<b>Project Management &amp; Overhead - Right of Way</b>
RW.PM.01	R/W Phase Start (Funding Approved)		<b>RW.PM.01</b>	<b>R/W Phase Start (Funding Approved)</b>
<b>RW.PM.02</b>	<b>Project Management and Overhead</b>		<b>RW.PM.02</b>	<b>Project Management and Overhead</b>

2008 MDL Code	Deliverable Name	Action	2011 MDL Code	Deliverable Name
RW.PM.02.01	General Project Management (Project Office and Real Estate Services)		RW.PM.02.01	General Project Management (Project Office and Real Estate Services)
RW.PM.02.02	Redistributed Right of Way Project Management and Overhead (HQ & Region)		RW.PM.02.02	Redistributed Right of Way Project Management and Overhead (HQ & Region)
RW.PM.03	Project Management Plan Development & Maintenance		<b>RW.PM.03</b>	<b>Project Management Plan Development &amp; Maintenance</b>
RW.PM.06	Consultant Selection/Agreements – Real Estate		<b>RW.PM.06</b>	<b>Consultant Selection/Agreements – Real Estate</b>
<b>RW.PM.12</b>	Other Work for Management and Overhead		<b>RW.PM.12</b>	<b>Other Work for Management and Overhead</b>
RW.PM.12.01	Travel To & From the Office to the Job Site		RW.PM.12.01	Travel To & From the Office to the Job Site
RW.PM.12.02	Training	DELETED		
RW.PM.12.03	Union-Related Labor Charges	DELETED		
RW.PM.12.03.01	Local 17 Shop Steward	DELETED		
RW.PM.12.03.02	Federation Shop Steward	DELETED		
RW.PM.12.03.03	Local 17 Contract Negotiation	DELETED		
RW.PM.90	RW Phase End		<b>RW.PM.90</b>	<b>RW Phase End</b>
<b>RW.PA</b>	<b>Parcel/Agreement (Parcel/Agreement ID)</b>		<b>RW.PA</b>	<b>Parcel/Agreement (Parcel/Agreement ID)</b>
RW.PA.10	Acquisition - Labor		RW.PA.01	Acquisition - Labor
RW.PA.35	Acquisition - Labor - Wetland Mitigation Site		RW.PA.02	Acquisition - Labor - Wetland Mitigation Site
RW.PA.25	Appraisal/Administrative Offer Summary		RW.PA.03	Appraisal/Administrative Offer Summary
RW.PA.20	Review & Determination of Value (DV)		RW.PA.04	Review & Determination of Value (DV)
RW.PA.30	Acquisition - Parcel Payment		RW.PA.05	Acquisition - Parcel Payment
		ADDED	<b>RW.PA.06</b>	<b>Acquisition - Parcel Reminders</b>
RW.PA.40	Right of Way - Agreements		RW.PA.07	Right of Way - Agreements
<b>RW.PA.50</b>	<b>Condemnation / Preparation / Trial</b>		RW.PA.08	Condemnation / Preparation / Trial
RW.PA.50.10	Condemnation		RW.PA.08.01	Condemnation
RW.PA.50.20	Possession & Use		RW.PA.08.02	Possession & Use
<b>RW.PA.60</b>	<b>Relocation</b>		RW.PA.09	Relocation
RW.PA.60.10	Relocation - Labor		RW.PA.09.01	Relocation - Labor
		ADDED	<b>RW.PA.09.02</b>	<b>Relocation Review Board and/or Adjudicative Hearings</b>
RW.PA.60.20	Relocation - Parcel Payment		RW.PA.09.03	Relocation - Parcel Payment
<b>RW.PA.70</b>	<b>Property Management</b>		RW.PA.10	Property Management
RW.PA.70.10	Inventory		RW.PA.10.01	Inventory
RW.PA.70.20	Rentals		RW.PA.10.02	Rentals
RW.PA.70.30	Sales		RW.PA.10.03	Sales
RW.PA.70.40	Demolition		RW.PA.10.04	Demolition
<b>CN</b>	<b>Construction</b>		<b>CN</b>	<b>Construction</b>
<b>CN.01</b>	<b>Contractor Activities</b>		<b>CN.01</b>	<b>Contractor Activities</b>
CN.01.10	Significant Construction Traffic Closure		CN.01.01	Significant Construction Traffic Closure/ Switching/ Opening/ Reopening
CN.01.20	Significant Construction Traffic Switch	DELETED		
CN.01.30	Significant Construction Traffic Opening/Reopening	DELETED		
<b>CN.02</b>	<b>Payable Agreements</b>		<b>CN.02</b>	<b>Payable Agreements</b>
CN.02.01	Agreements / Partnership		CN.02.01	Agreements / Partnership
CN.02.02	Auditing services		CN.02.02	Auditing services
CN.02.03	Legal services		CN.02.03	Legal services
<b>CN.03</b>	<b>Construction Engineering</b>		<b>CN.03</b>	<b>Construction Engineering</b>
<b>CN.03.PM</b>	<b>Project Management and Overhead - Construction</b>		<b>CN.03.PM</b>	<b>Project Management and Overhead - Construction</b>
<b>CN.03.PM.02</b>	<b>Project Management and Overhead</b>		<b>CN.03.PM.02</b>	<b>Project Management and Overhead</b>
CN.03.PM.02.01	General Project Management (Project Office)		CN.03.PM.02.01	General Project Management (Project Office)

2008 MDL Code	Deliverable Name	Action	2011 MDL Code	Deliverable Name
CN.03.PM.02.01	Execution Period		CN.03.PM.02.02	Execution Period
CN.03.PM.02.02	Redistributed Project Management and Overhead (HQ & Region)		CN.03.PM.02.03	Redistributed Project Management and Overhead (HQ & Region)
<b>CN.03.PM.03</b>	<b>Project Management Plan Development &amp; Maintenance</b>		<b>CN.03.PM.03</b>	<b>Project Management Plan Development &amp; Maintenance</b>
CN.03.PM.03.15	PMP Endorsement		CN.03.PM.03.01	PMP Endorsement
CN.03.PM.04	Equal Employment Opportunity and Minority Business Enterprise		CN.03.PM.03.02	Equal Employment Opportunity and Minority Business Enterprise
CN.03.PM.05	Public Information Design-Build		CN.03.PM.03.03	Public Information Design-Build
CN.03.PM.07	Budget/Schedule Design-Build		CN.03.PM.03.04	Budget/Schedule Design-Build
CN.03.PM.08	Reporting Design-Build		CN.03.PM.03.05	Reporting Design-Build
CN.03.PM.09	General Office Functions		CN.03.PM.03.06	General Office Functions
<b>CN.03.PM.12</b>	<b>Other Work for Management and Overhead</b>		<b>CN.03.PM.12</b>	<b>Other Work for Management and Overhead</b>
CN.03.PM.12.01	Travel To & From the Office to the Job Site		CN.03.PM.12.01	Travel To & From the Office to the Job Site
CN.03.PM.12.02	Training	DELETED		
CN.03.PM.12.03	Union-Related Labor Charges	DELETED		
CN.03.PM.12.03.01	Local 17 Shop Steward	DELETED		
CN.03.PM.12.03.02	Federation Shop Steward	DELETED		
CN.03.PM.12.03.03	Local 17 Contract Negotiation	DELETED		
CN.03.SV	Surveying		<b>CN.03.SV.10</b>	<b>Surveying</b>
CN.03.SV.10	Survey (Alignment, Excavation, X-Section, Slope Stake)	DELETED		
CN.03.SV.11	Survey (Grade Control - Drainage/Sewer Installations,; Substructure, Surface, Paving)	DELETED		
CN.03.SV.12	Surveying (Structure)	DELETED		
<b>CN.03.IN</b>	<b>Inspection</b>		<b>CN.03.IN</b>	<b>Inspection</b>
CN.03.IN.13	Right-of-Way Design-Build		CN.03.IN.01	Right-of-Way Design-Build
CN.03.IN.30	Inspection (Earthwork, Drainage, Surface and Paving)		CN.03.IN.02	Inspection (Earthwork, Drainage, Surface and Paving)
CN.03.IN.31	Inspection (Structures)		CN.03.IN.03	Inspection (Structures)
CN.03.IN.32	Inspection (General)		CN.03.IN.04	Inspection (General)
CN.03.IN.33	Environmental (Inspection and Surveying)		CN.03.IN.05	Environmental (Inspection and Surveying)
CN.03.IN.34	Inspection and Surveying of Wetland Mitigation Sites		CN.03.IN.06	Inspection and Surveying of Wetland Mitigation Sites
CN.03.IN.35	Environmental Oversight Design-Build		CN.03.IN.07	Environmental Oversight Design-Build
CN.03.IN.36	Utilities Design-Build		CN.03.IN.08	Utilities Design-Build
CN.03.IN.37	Construction Oversight Design-Build		CN.03.IN.09	Construction Oversight Design-Build
CN.03.IN.50	Weighting, Dispatching, Receiving		CN.03.IN.10	Weighting, Dispatching, Receiving
<b>CN.03.MT</b>	<b>Testing</b>		<b>CN.03.MT</b>	<b>Testing</b>
CN.03.MT.40	Testing (Earthwork, Surface and Paving, Drainage, Miscellaneous)		CN.03.MT.01	Testing (Earthwork, Surface and Paving, Drainage, Miscellaneous)
CN.03.MT.41	Testing (Structures)		CN.03.MT.02	Testing (Structures)
<b>CN.03.04</b>	<b>Contract Administration &amp; Documentation</b>		<b>CN.03.CA</b>	<b>Contract Administration &amp; Documentation</b>
CN.03.CA.20	Working Drawings, Plan Checking, Data Preparation		CN.03.CA.01	Working Drawings, Plan Checking, Data Preparation
CN.03.CA.21	Progress and Final Estimates and Records		CN.03.CA.02	Progress and Final Estimates and Records
CN.03.CA.22	Preparation of Change Orders		CN.03.CA.03	Preparation of Change Orders
CN.03.CA.23	Change Orders Design-Build		CN.03.CA.04	Change Orders Design-Build
CN.03.CA.24	Document Control Oversight Design-Build		CN.03.CA.05	Document Control Oversight Design-Build
CN.03.CA.25	Design, Oversight Design-Build		CN.03.CA.06	Design, Oversight Design-Build

2008 MDL Code	Deliverable Name	Action	2011 MDL Code	Deliverable Name
CN.03.CA.51	Field Measurement - Progress and Final		CN.03.CA.07	Field Measurement - Progress and Final Estimates and Records
CN.03.CA.52	Force Account Documentation		CN.03.CA.08	Force Account Documentation
<b>CN.03.AG</b>	<b>Agreements Management</b>		<b>CN.03.AG</b>	<b>Agreements Management</b>
CN.03.AG.61	Consultant Agreements Administration - Construction Engineering		CN.03.AG.01	Consultant Agreements Administration - Construction Engineering
CN.03.AG.62	Partnerships/ Agreement Design-Build		CN.03.AG.02	Partnerships/ Agreement Design-Build
<b>CN.04</b>	<b>State Force Construction</b>		<b>CN.04</b>	<b>State Force Construction</b>
CN.04.01	Construction - State Forces		CN.04.01	Construction - State Forces
CN.04.02	Training - State Force		CN.04.02	Training - State Force
CN.04.03	Redistributed Project Management and Overhead (HQ & Region)		CN.04.03	Redistributed Project Management and Overhead (HQ & Region)
<b>CN-06</b>	<b>Utilities</b>		<b>CN-06</b>	<b>Utilities</b>
CN-06.01	Utility Services/Agreements		CN-06.01	Utility Services/Agreements
CN-06.02	Utility Relocations		CN-06.02	Utility Relocations
<b>CN.10</b>	<b>Construction Milestones</b>		<b>CN.10</b>	<b>Construction Milestones</b>
CN.10.01	Contract Execution		CN.10.01	Contract Execution
CN.10.02	Statement of Intent to Pay Wages		CN.10.02	Statement of Intent to Pay Wages
CN.10.03	Contractor and Subcontractor/Agent Cert. for F.A. Projects		CN.10.03	Contractor and Subcontractor/Agent Cert. for F.A. Projects
CN.10.04	Affidavit of Wages Paid - Prime		CN.10.04	Affidavit of Wages Paid - Prime
CN.10.05	Pre-Construction Meeting Minutes		CN.10.05	Pre-Construction Meeting Minutes
CN.10.06	Ground-Breaking		CN.10.06	Ground-Breaking
CN.10.07	Contract Time Start		CN.10.07	Contract Time Start
CN.10.08	Construction Work Start		CN.10.08	Construction Work Start
CN.10.09	Original Progress Schedule Approved		CN.10.09	Original Progress Schedule Approved
CN.10.10	Last Supplemental Progress Schedule Approved		CN.10.10	Last Supplemental Progress Schedule Approved
CN.10.20	Ribbon-Cutting		CN.10.11	Ribbon-Cutting
CN.10.21	Operationally Complete		CN.10.12	Operationally Complete
CN.10.22	Substantial Completion		CN.10.13	Substantial Completion
CN.10.23	Physical Completion		CN.10.14	Physical Completion
CN.10.24	Final Estimate to Contractor		CN.10.15	Final Estimate to Contractor
CN.10.25	Final Estimate to Headquarters		CN.10.16	Final Estimate to Headquarters
CN.10.26	Completion		CN.10.17	Completion
CN.10.27	Materials Certification		CN.10.18	Materials Certification
CN.10.28	Acceptance		CN.10.19	Acceptance
CN.10.29	Stewardship Acceptance:		CN.10.20	Stewardship Acceptance:
CN.10.30	CN Phase End		CN.10.21	CN Phase End
		ADDED	<b>CN.12</b>	<b>Vessel Contractor Activities/Shipyard Period</b>
		ADDED	CN.12.01	Shipyard Period (Project Mgmt & Inspection)
		ADDED	CN.12.02	Working Drawings, Plan Checking, Data Preparation
		ADDED	CN.12.03	AS Built Drawings - Mechanical
		ADDED	CN.12.04	AS Built Drawings - Hull
		ADDED	CN.12.05	AS Built Drawings - Electrical
		ADDED	CN.12.06	Statement of Intent to Pay Wages
		ADDED	CN.12.07	Affidavit of Wages Paid - Prime
		ADDED	CN.12.08	Pre-Construction Meeting Minutes
		ADDED	CN.12.09	Substantial Completion/return to service
		ADDED	CN.12.10	Physical Completion
		ADDED	CN.12.11	Acceptance