

# MicroStation Data and the December 2009 PPM Revision

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The December 2009 revision of the Plans Preparation Manual changes the drafting standards for several items which will necessitate the modification of existing dgn files. The areas of change that directly affect CAD data are outlined below. **Be sure to create backup copies of your files before editing the originals.**

## R/W (Section 3)

### Cell Revisions (Filter: Dec 2009 PPM – Modified RW Cells)

Revised RW\_PA\_[Region]ParcelNumber cell - centered the text in the cells better.  
Revised RW\_SC\_ClosingCornerFound cell - removed text background  
Revised RW\_SC\_QuarterCornerNotFoundEW cell - removed text background  
Revised SH\_PR\_LegendBlock cell - Removed leading underscore in parcel number  
Revised SH\_PR\_LegendBlockwLAccess cell - scaled LAccess Lstyle down  
Revised SH\_PR\_LAccessEstablishedNote cell - Revised text per R/W requirements  
Revised SH\_PR\_LAccessTentativeNote cell - Revised text per R/W requirements  
Revised SH\_PR\_RWPLSStamp cell – removed word “Expires” from template  
Revised SH\_PR\_TitleBlock cell - Revised “R/W Engineer” to “R/W Manager”, removed “of Sheets”  
SH\_PR\_TitleBlockSundrySite cell - Revised “R/W Engineer” to “R/W Manager”, removed "Right of Way Plan" from title

### Text Revision (Filter: Dec 2009 PPM – Modified RW Text)

Revised RW\_BD\_RRRWStaOffText – changed to font 200 (arial), from font 164 (arial italic)  
Revised SH\_PR\_CrossRef\*Text - changed to font 200 (arial), from font 217 (arial bold)  
Revised ST\_BG\_TunnelText- changed to font 200 (arial), from font 164 (arial italic)

### Other

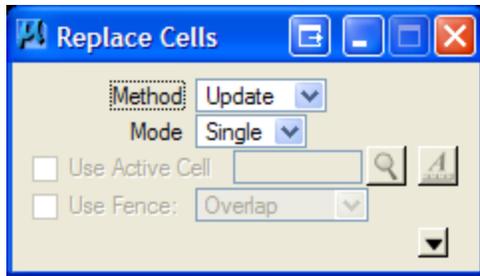
Removed AL\_RW\_CLineRWCntrlStaEquation from menu. That item is not to be used on R/W plans.  
Revised multiple examples in PPM to clarify text attributes and other Symbologies

## To Update your RW files

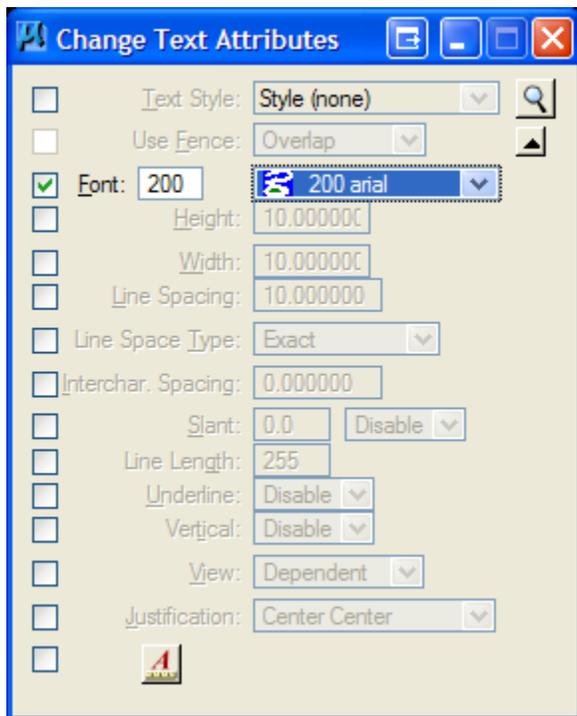
Note that the procedure below assumes that the affected cells in your files have not been dropped or edited. If your cells have been dropped or edited, the procedure below may lose the edits or fail for dropped cells.

For each RW file:

- 1) Use Level Manager to apply the filter **Dec 2009 PPM – Modified RW Cells**.
- 2) With Power Selector, select all data on the levels displayed by the filter. (Do not use Select All as that will select elements that are not currently displayed as well.)
- 3) Select the command Replace Cells and set the method to Update and the Mode set to Single as shown below.



- 4) Hit a data point anywhere on the screen.
- 5) Drop selection set
- 6) Use Level Manager to apply the filter **Dec 2009 PPM – Modified RW Text**.
- 7) With Power Selector, select all data on the levels displayed by the filter. (Do not use Select All as that will select elements that are not currently displayed as well.)
- 8) Select the command Change Text Attributes and expand the toolbox by clicking the down arrow button in the lower right corner.
- 9) Clear all the options except for Font. Set the font to 200 Arial as shown below.



- 10) Hit a data point anywhere on the screen.
- 11) Drop selection set

## PS&E (Section 5) Changes

### Additions

- Addition of symbologies for drafting yield line pavement markings
- Addition of a new element to delineate pavement removal areas

- Addition of resources to support the use of revision clouds rather than shaded areas.

### Cell Revisions (Filter: Dec 2009 PPM – Modified PSE Cells)

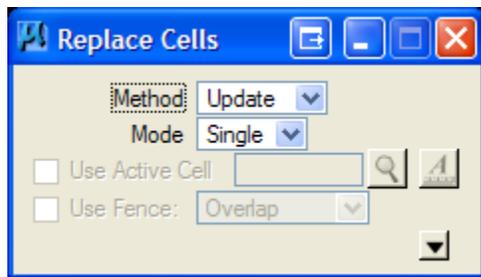
- Revised catch basin symbols – size on plan changed from 0.05” to 0.07”
- Revised manhole symbols – size on plan changed from 0.05” to 0.10” and addition of identifying letter to each manhole type (water, general utility, sanitary sewer and so on).
- Revised valve symbols – addition of identifying letter to each valve type (water, gas, release and so on).

### Other

Updated all plan sheet examples

### To Update your PS&E files

- 1) Use Level Manager to apply the filter **Dec 2009 PPM – Modified PSE Cells**.
- 2) With Power Selector, select all data on the levels displayed by the filter. (Do not use Select All as that will select elements that are not currently displayed as well.)
- 3) Select the command Replace Cells and set the method to Update and the Mode set to Single as shown below.



- 4) Hit a data point anywhere on the screen.
- 5) Drop selection set