

Design Update 2007-2
8/01/07

1) Project wise submittals

For Plan Review, OEC & R.O.W. plan submittals utilizing ProjectWise, try and combine all the supporting documents in one file with thumb nails, combine all the proposal information in one file with thumb nails and the plans in another file. This helps the support area print the package easier. Do not send PDF files unless you have no choice. Just send the ProjectWise link, date, time & place of the meeting.

2) Sign Covers

Sign covers should be calculated and paid for on all permanent and temporary signs mounted on fixed supports (those shown on WZD-100-A). Do not make the sign cover included in the item of the temporary sign.

3) Pay item labeling on Plans (Road and Bridge)

The MDOT Drafting Committee provided a statewide review of the past practice of exclusively using upper/lower case for pay items. The significance of using upper/lower case only applies when presenting quantity tabulations. This is for compatibility with Quantity Manager and TRNSPort software. Upper/lower case will continue to be used for quantity tabulations. For plan consistency all other use of pay items in text unrelated to quantities (typical cross section labels, notes, etc.) will be in upper case to match the general convention of the rest of the sheet. This change will be effective for plans submitted for the November Letting. Bridge cell libraries and the bridge note utility have been converted to this convention. Plans already prepared using the old cells with the previous convention will not require manual revision to conform to this change.

This and other information on naming conventions for notes and quantities in MicroStation V8 are attached and available on ProjectWise at: <pwname://MDOTProjectWise/Documents/Reference Documents/V8 CAD Guides/V8 Tools & Tips/PlanNotesStandards.pdf>

4) If you know of new people in your TSC or Region that are not receiving this update that should, please let me (Gary Mazurek) know so they can be added to my list.

Regards,
Joel Ingle, Supervising OEC Plan Review Engineer
Tom VandenBerg, Supervising Plan Review Engineer
Gary Mazurek, OEC Plan Review
Carl Anderson, OEC Plan Review
Keith Claus, Road Plan Review
Jennifer Transue, OEC Bridge Plan Review
Radka Todorova, Bridge Plan Review

MDOT'S NEW GUIDELINES FOR PLACING NOTES/QUANTITIES ON PLAN SHEETS

Here are the level names, text size(s) and symbology for use with the new level naming convention for notes and quantities in MicroStation V8.

PLAN SHEET ITEM	LEVEL NAME	TEXT SIZE	CO=	WT=	LC=
Removal Notes (other than quantities)	NOTES_RM	Proposed Scale* (all upper case)	25	1	0
Removal Quantities/Pay Items	QUANT_SYMBOLS_RM	Proposed Scale* (use PQUANT)	25	1	0
Proposed Notes (other than quantities)	NOTES_PR	Proposed Scale* (all upper case)	41	1	0
Proposed Quantities/Pay Items	QUANT_SYMBOLS_PR	Proposed Scale* (use PQUANT)	41	1	0
Existing Highway Lighting Notes	UTIL_LIGHTING_HWY_NOTES_EX	Existing Scale* (all upper case)	11	0	0
Temporary Highway Lighting Notes	UTIL_LIGHTING_HWY_NOTES_TEMP	Proposed Scale* (all upper case)	171	0	0
Removal Highway Lighting Notes	UTIL_LIGHTING_HWY_NOTES_RM	Proposed Scale* (all upper case)	27	0	0
Proposed Highway Lighting Notes	UTIL_LIGHTING_HWY_NOTES_PR	Proposed Scale* (all upper case)	43	1	0
Existing Electrical Notes	UTIL_ELEC_NOTES_EX	Existing Scale* (all upper case)	3	0	0
Proposed Electrical Notes	UTIL_ELEC_NOTES_PR	Proposed Scale* (all upper case)	35	1	0
Electric Quantities	UTIL_ELEC_QUANTITIES	Proposed Scale* (use PQUANT)	163	1	0
Existing Water Notes	UTIL_WATER_NOTES_EX	Existing Scale* (all upper case)	1	0	0
Removal Water Notes	UTIL_WATER_NOTES_RM	Proposed Scale* (all upper case)	17	0	0
Proposed Water Notes	UTIL_WATER_NOTES_PR	Proposed Scale* (all upper case)	33	1	0
Existing Sanitary Notes	UTIL_SAN_NOTES_EX	Existing Scale* (all upper case)	7	0	0
Removal Sanitary Notes	UTIL_SAN_NOTES_RM	Proposed Scale* (all upper case)	23	0	0
Proposed Sanitary Notes	UTIL_SAN_NOTES_PR	Proposed Scale* (all upper case)	39	1	0
Existing Storm Notes	DRAIN_STORM_NOTES_EX	Existing Scale* (all upper case)	2	0	0
Removal Storm Notes	DRAIN_STORM_NOTES_RM	Proposed Scale* (all upper case)	18	0	0

Proposed Storm Notes	DRAIN_STORM_NOTES_PR	Proposed Scale* (all upper case)	34	1	0
Existing Culvert Notes	DRAIN_CULV_NOTES_EX	Existing Scale* (all upper case)	1	0	0
Removal Culvert Notes	DRAIN_CULV_NOTES_RM	Proposed Scale* (all upper case)	17	0	0
Proposed Culvert Notes	DRAIN_CULV_NOTES_PR	Proposed Scale* (all upper case)	33	1	0

Scale* = whatever scale the drawing has assigned to it already (i.e. 50 scale, 40 scale).

Any boxes or charts that are placed on the plans will be drawn at a "1 weight" and on the level that is designated by the text that accompanies it. Any text that has a number (quantity) in front of the description shall be deemed a pay item and placed out of the PQUANT tutorial with the symbology associated with the level that it is to be placed on.