

Design Update 2006-1
1/17/06

1) Plan Review form

There is a new Plan Review form #200 out on the system. When turning in projects for Plan Review please use the new form.

2) Horizontal Curve Data

I have attached revised excel files for calculations. Please remove old (sent on 4/1/05) and replace with attached. [Horizontal Curve Calcs.xls](#)

3) OEC Material Submittal Order

There is a new OEC form #0330 out on the system. When turning in a project for an OEC please fill out form and send in with package. This form will help to ensure a complete OEC package. Note that having more than 3 items not included could result in delaying an OEC meeting.

4) Concrete Barrier Split

When using Concrete Barrier Split make sure you add a quantity of Concrete Barrier Backfill, CIP (Spec Book 804.04H) to the plans.

5) STIP

Make sure when turning in projects that are required to be on the STIP that the approval year is 2006-2008.

6) Sign Support Index

Place a list of the standard plan number for sign supports that you are using on the note sheet, denote which ones are special detail. For an example refer to sample plan 6-1. Remember any sign support that is a special detail must have a full size mylar in the final plans.

7) Removal Sheet

For the removal sheet, show the symbol ® beside trees, culverts & drainage items to be removed. Then summarize the removal items in the removal quantities this sheet summary. Follow removal sheet samples in the sample plans. This provides a cleaner sheet and is easier to perform the quantity takeoff at plan turn in.

8) 03SP Coversheet

Users should be aware that although the 03 Coversheet, which included the Notice to Bidders for Insurance and Notice to Bidders for Contact Person, has been deleted from the IRS system. This information is still required for project submittal and is available on the MDOT Interchange – Services – Plan Development Services – E – Proposal Description and Type of Work – Fillable, NB – Insurances – Fillable, NB – Contact Information – Fillable.

9) Note Sheet

For the Note Sheet, use the latest standard road notes that apply as they change periodically.

10) Sample Plans

For plan development, refer to the current set of Sample Plans. This will help develop consistency with plans and make them look more uniform. The Sample Plans are located thru MDOT's design website. Click on Plan Development Services, then on Road Sample Plans. For outside consultants the link is Michigan.gov, doing business, MDOT File Libraries, D Guides, Sample plans.

11) Superpave

The Pay Item - HMA Quality Initiative is not included on Non-Freeway Resurfacing Projects. However, FUSP 03SP504B for Marshall Mixtures or 03SP504C for Superpave mixtures must be included. In addition, for all Non-Freeway Resurfacing Projects specifying Superpave mixtures, a Notice to Bidders (PWL) (an example copy is attached) is also required.

12) 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

**NOTICE TO BIDDERS
C.S. XXXXX J.N. XXXXXA**

**SUPERPAVE HOT MIX ASPHALT
PERCENT WITHIN LIMITS (PWL)**

All costs associated with the work described in the Special Provision for Superpave Hot Mix Asphalt Percent Within Limits (PWL) will be included in the applicable unit prices for the related HMA mixtures. HMA, XXX, and HMA approach will be paid by weight as specified in subsection 502.04 of the Standard Specification for Construction and the contract documents.

Payment for HMA pay items will be based on the contract prices for the completed items of work as adjusted according to the Special Provision for Superpave Hot Mix Asphalt Percent Within Limits (PWL) except as described below. Adjusted payment for HMA, (type) will be calculated on a lot-by-lot basis.

If the calculated overall lot pay factor (OLPF) is 100 or greater then the OLPF will be 100. (If $OLPF \geq 100$ then $OLPF = 100$)

HMA Quality Initiative will not be paid for on this project.

EXAMPLE