

# Asphaltic Pavement Change

WisDOT is changing the way we quantify and bid asphaltic pavement. Beginning in 2016, the asphalt mix and PG binder will be combined into one bid item

Note that this new method will be used beginning with the **February 2016 PS&E's**. It is available by STSP; found in the index as **#460-025**. In 2017, standard specifications will be available.

Determining the proper bid item is a 4 step process:

1. Gradation – 25.0mm = 2, 19.0mm = 3, 12.5mm = 4, 9.5mm = 5
2. Traffic category – Load categories E0.3 & E1 are now LT, E3 & E10 are MT, E30 & E30X are HT, SMA is still SMA
3. Binder grade – Based on asphalt zone; southern zone only uses PG 58-28, northern uses both 58-28 and 58-34
4. Traffic designation – Standard, Heavy, or Very Heavy

So your bid item would look something like: **3 MT 58-28 S**

Please see the following links for more detailed information on the topic.

<http://wisconsindot.gov/rdwy/fdm/fd-14-10.pdf> – HMA pavement design in the FDM

<http://www.wispave.org/new-asphalt-bid-mix-specifications-guidance-and-web-tool/> – WAPA's information on this change

WAPA's site has an interactive tool that you can use to determine the proper bid item, and also links to references on the topic.

Because of this new method, our old approach of showing the items on Plan detail sheets and legends, as well as general notes, needs to be changed. The APxx items on the Master PD Legend will no longer be used. We will instead be using project specific callouts. These will be single letter callouts and use the following text format:

"HMA PAVEMENT <type>, <thickness>". Layers with the same pavement type should be combined and one thickness shown. If more than one type is needed, the word "over" will be used to separate the layers.

A note "SEE GENERAL NOTES FOR ADDITIONAL INFORMATION ON HMA PAVEMENT LAYERS" will be placed on the Plan detail legend sheet.

Callouts (Height .25, Width .5, Thickness 1) will be added to the HMA layers section of the General Notes sheet.

| LEGEND |                                                                                  |
|--------|----------------------------------------------------------------------------------|
| A      | HMA PAVEMENT 4 SMA 58-28 H, 2-INCH OVER<br>HMA PAVEMENT 3 HT 58-28 S, 6 1/2-INCH |
| B      | HMA PAVEMENT 3 HT 58-28 S, 7 1/2-INCH                                            |
| PV01   | CONCRETE PAVEMENT APPROACH SLAB                                                  |
| PV25   | ASPHALTIC PAVEMENT REPAIR SPECIAL                                                |

**NOTE**  
SEE GENERAL NOTES FOR ADDITIONAL INFORMATION ON HMA PAVEMENT LAYERS

| CONSTRUCT HMA PAVEMENT WITH THE FOLLOWING LAYERS: |                                |                                                                        |                                |
|---------------------------------------------------|--------------------------------|------------------------------------------------------------------------|--------------------------------|
| PAVEMENT TYPE                                     | TOTAL LAYER PAVEMENT THICKNESS | LAYERS                                                                 | NOMINAL MAXIMUM SIZE GRADATION |
| A                                                 | 8 1/2"                         | 2" UPPER LAYER<br>3-1/4" UPPER-LOWER LAYER<br>3-1/4" LOWER-LOWER LAYER | 12.5 MM<br>19.0 MM<br>19.0 MM  |
| B                                                 | 7 1/2"                         | 3-1/2" UPPER LAYER<br>4" LOWER LAYER                                   | 19.0 MM<br>19.0 MM             |