

Sample Plan

BITUMINOUS PAVING DETAILS ----- NARRATIVE

References:

Design Scene: Chapter 10 - Paving

Technical Memorandum: No. 16-01-T-01
 Pavement Edge Treatment - Safety Edge
 No. 14-07-T-01
 Rumble Strips and Stripes on Rural Trunk Highways

General Information:

Details should be provided to show the transition of proposed pavement to in-place roadways, shoulders, bridges, etc.

Identify and label milling depth, when appropriate.

Taper ratios may vary depending on the design speed and site conditions.

Combine as many taper locations as possible to each specific detail ratio.

Use dimensionless taper ratios. For example, 1:400, 1:300, or 1:200.

Where shoulders are strengthened for anticipated bus use, do not call for rumble strips.

When changing the existing profile grade elevation as in a mill and/or overlay, consider bridge clearances. Check with the District Bridge Maintenance office. Resulting vertical tapers should begin/end a minimum of 50' from the bridge.

When changing the existing profile grade elevation as in a mill and/or overlay, consider the guardrail heights. Existing top of guardrail height should have a minimum height of 28" and a maximum height of 30" for Design 8338 and 31" for Design Type 31. If the height of guardrail falls outside this window, then the guardrail should be adjusted.

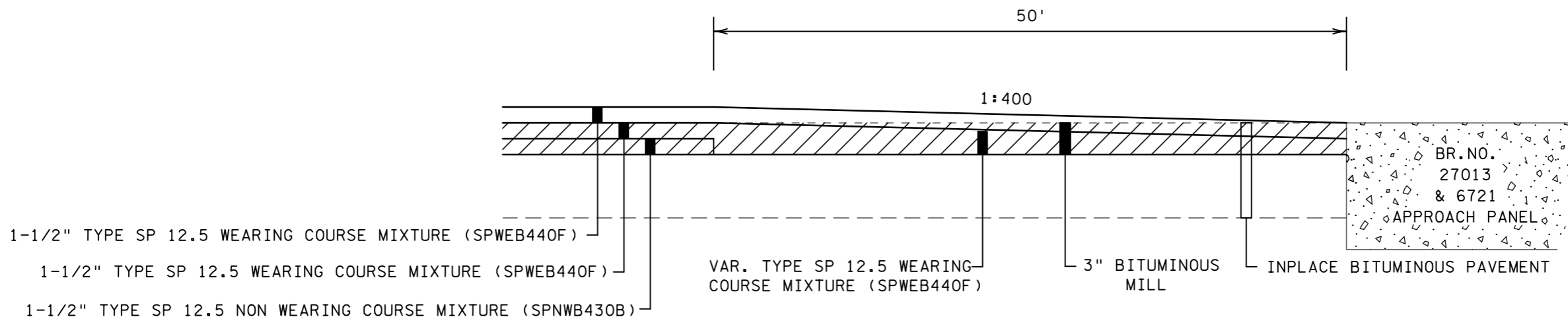
Rumble strip details obtained from pw:\Documents\OTS\DesignStandards\DesignDetails\rumbles_dd.dgn must be modified to be plan specific.

Sample Plan

BITUMINOUS PAVING DETAILS ----- CHECKLIST

- ___ 1. Identify in-place bridges and pavements
- ___ 2. Proposed pavement and milling depths shown
- ___ 3. Dimensionless Taper Ratios shown
- ___ 4. Drawn by: and Checked by: Initials and Engineer's signature

TAPER TO INPLACE BRIDGE NO. 27013 AND 6721

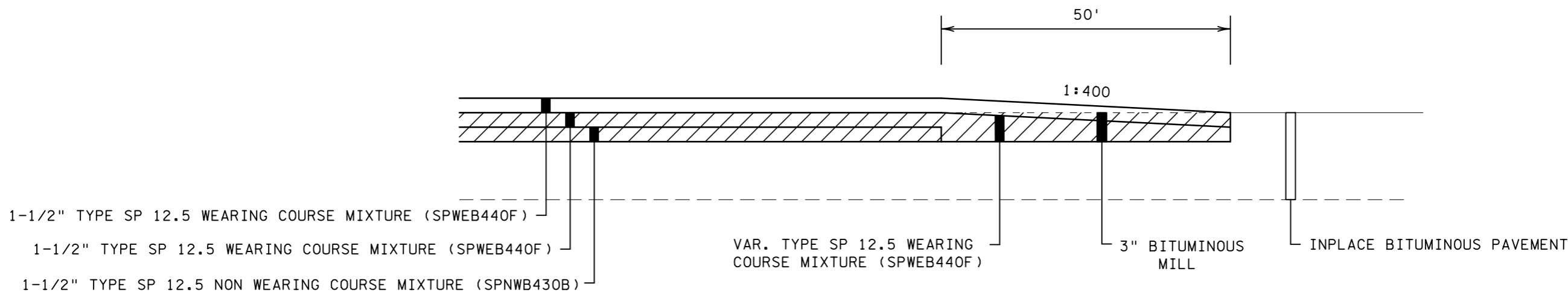


SAMPLE PLAN

BR. NO.
27013
& 6721
APPROACH PANEL

TAPER TO INPLACE BITUMINOUS PAVEMENT

- STA. 1442+00 TO 1442+30 - T.H. 55 E.B. AND W.B.
- STA. 1586+10 TO 1586+40 - T.H. 55 W.B.
- STA. 1586+95 TO 1587+25 - T.H. 55 E.B.
- STA. 1592+10 TO 1592+40 - T.H. 55 E.B. AND W.B.
- STA. 1699+70 TO 1700+00 - T.H. 55 E.B. AND W.B.



- MILLING

TAPER TO INPLACE BRIDGE NO. 27013 AND 6721
TAPER TO INPLACE BITUMINOUS PAVEMENT

BITUMINOUS PAVING DETAILS

REVISION DATE 12/19/16
PLOTTED/REVISED: 26-JAN-2017 08:42

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PLOT NAME: spbitpvd1
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