

Example: PPM Exhibits

4 LANE
ARTERIAL/COLLECTOR
MILLING & RESURFACING
CROSS SLOPE CORRECTION
BY MILLING OR OVERBUILD
CONST. 5' SHLDR. PAV'T
DIVIDED
RURAL
DRAINAGE IMPROVEMENTS
SAFETY IMPROVEMENTS
WITH BIKE LANES OR
PAVED SHOULDERS
WITH PROJECTED
20 YR. AADT OF 1500
OR GREATER
DESIGN SPEED 45 MPH
OR GREATER

TYPICAL SECTION
SR 500
STA. 204+34.58 TO STA. 288+95.16

MILLING
MILL EXISTING ASPHALT PAVEMENT (1/2" AVG. DEPTH)

RESURFACING
TYPE SP STRUCTURAL COURSE (TRAFFIC D) (1/2")
TYPE SP STRUCTURAL COURSE (TRAFFIC FC-DH) (1/2") (IPG 76-22)
AND FRICTION COURSE FC-5 (3/4") (IPG 76-22)

SHOULDER PAVEMENT
OPTIONAL BASE GROUP 1 WITH
TYPE SP STRUCTURAL COURSE (TRAFFIC D) (1/2") (IPG 76-22)
AND FRICTION COURSE FC-5 (3/4") (IPG 76-22)

STA. 316+53.67 TO STA. 527+82.00

MILLING
MILL EXISTING ASPHALT PAVEMENT (1/2" AVG. DEPTH)

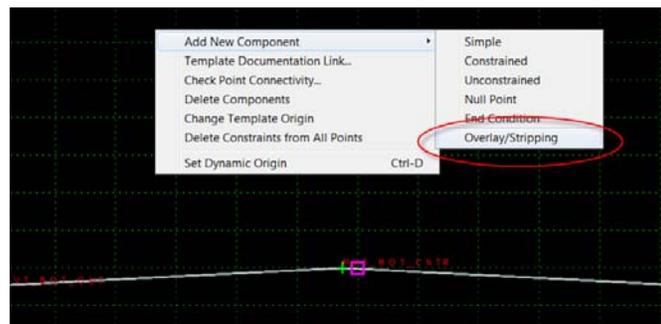
OVERBUILD
TYPE SP OVERBUILD (TRAFFIC D) THICKNESS VARIES (1" TO 1/2")

RESURFACING
TYPE SP STRUCTURAL COURSE (TRAFFIC D) (1/2")
TYPE SP STRUCTURAL COURSE (TRAFFIC D) (1/2") (IPG 76-22)
AND FRICTION COURSE FC-5 (3/4") (IPG 76-22)

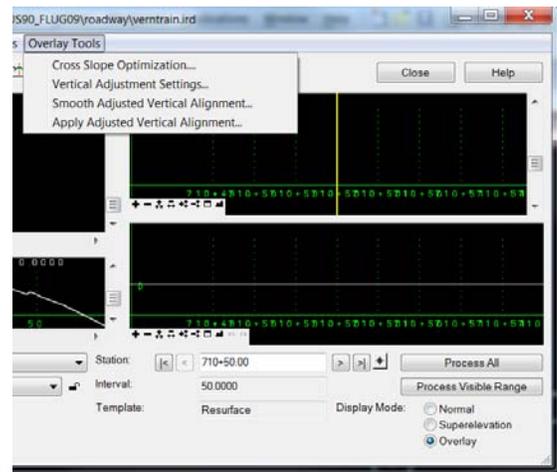
SHOULDER PAVEMENT
OPTIONAL BASE GROUP 1 WITH
TYPE SP STRUCTURAL COURSE (TRAFFIC D) (1/2") (IPG 76-22)
AND FRICTION COURSE FC-5 (3/4") (IPG 76-22)



Introduction: Template Dialog



Introduction: Roadway Designer Dialog



...to be discuss

- Normal CM Project Setup
 - Existing DTM
 - Milling Limits
 - Improvements Widening, Shldr, Curbs, etc.
 - PPM standards
- Evaluating Pavement and Existing Cross Slopes
- Milling Report (SY) Total
- Cross Slope Optimization Report and Correction
- Varying Milling Depth by Lanes
- Cross Slope Correction w/ Parametric (Redefineable) Slopes Values
- Overlay Tools Vertical Profile Adjustments
- Milling and Resurfacing Component Quantities
- Recent Example Project – SR845



Demonstration:

Examples:

Rural 2 Lane
Mill existing, Slope
Correction
Level existing

Basic Urban 4 lane

Variable Urban 4 Lane



...in closing

Questions...

Follow-up...

...on behalf of the entire Engineering CADD Systems
office.



Thank you for attending !