

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
310	60-16	MADISON	662	12
STA.		TO STA.		
FED. ROAD DIST. NO. 8		ILLINOIS FED. AID PROJECT		
CONTRACT NO. 76311				

STRUCTURAL DESIGN DATA
RAMP A

STRUCTURAL DESIGN TRAFFIC: YEAR 2014
PV= 6556 SU= 453 MU= 544

ROAD/STREET CLASSIFICATION: CLASS I

PERCENT OF STRUCTURAL DESIGN TRAFFIC IN DESIGN LANE:
P= 100% S= 100% M= 100%

TRAFFIC FACTOR: ACTUAL TF= 6.47
MINIMUM TF= 4.74 AC TYPE= 20

SUBGRADE SUPPORT RATING:
SSR= POOR (STA 2+97.08 TO 19+84.11)

USE: HOT-MIX ASPHALT PAVEMENT (FULL DEPTH) 14.25"
LIME MODIFIED SOIL, 12"

STRUCTURAL DESIGN DATA
RAMP B

STRUCTURAL DESIGN TRAFFIC: YEAR 2014
PV= 6556 SU= 453 MU= 544

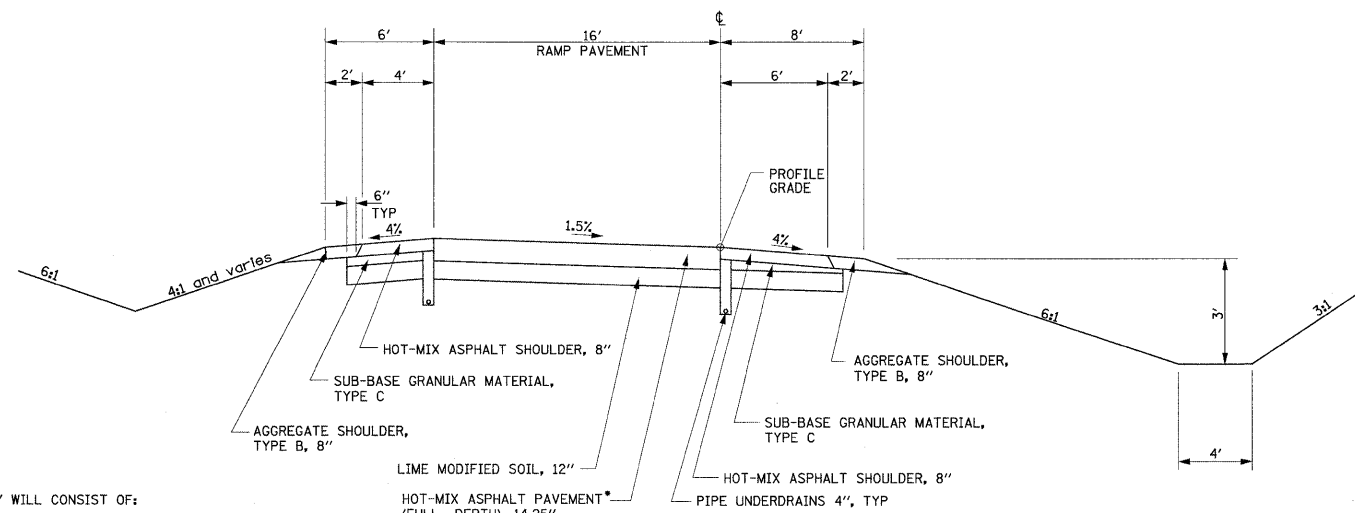
ROAD/STREET CLASSIFICATION: CLASS I

PERCENT OF STRUCTURAL DESIGN TRAFFIC IN DESIGN LANE:
P= 100% S= 100% M= 100%

TRAFFIC FACTOR: ACTUAL TF= 6.47
MINIMUM TF= 4.74 AC TYPE= 20

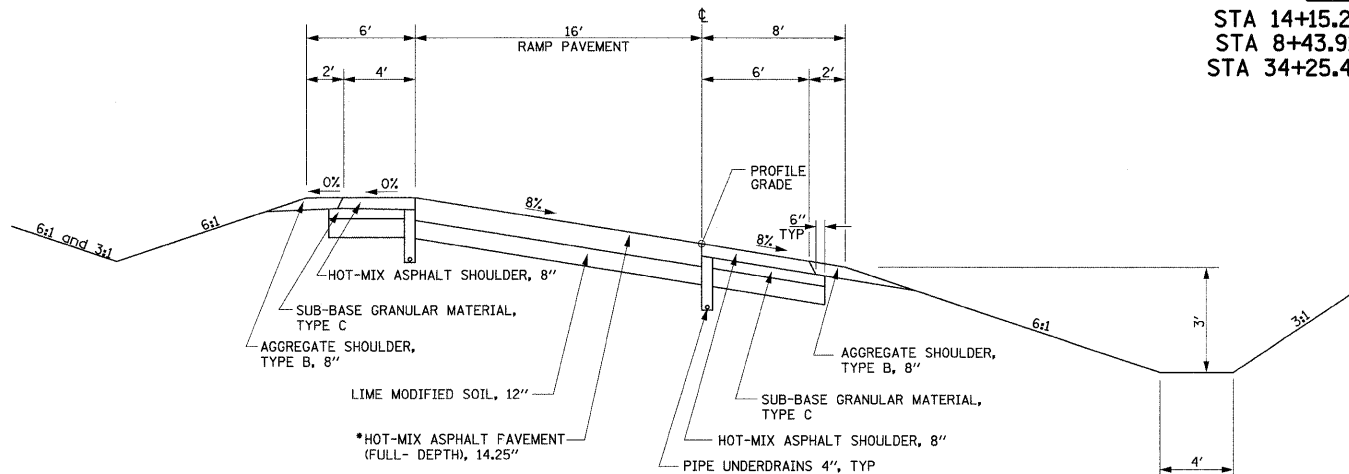
SUBGRADE SUPPORT RATING:
SSR= POOR (STA 8+43.91 TO 38+54.57)

USE: HOT-MIX ASPHALT PAVEMENT (FULL DEPTH) 14.25"
PROCESSING LIME MODIFIED SOIL 12"



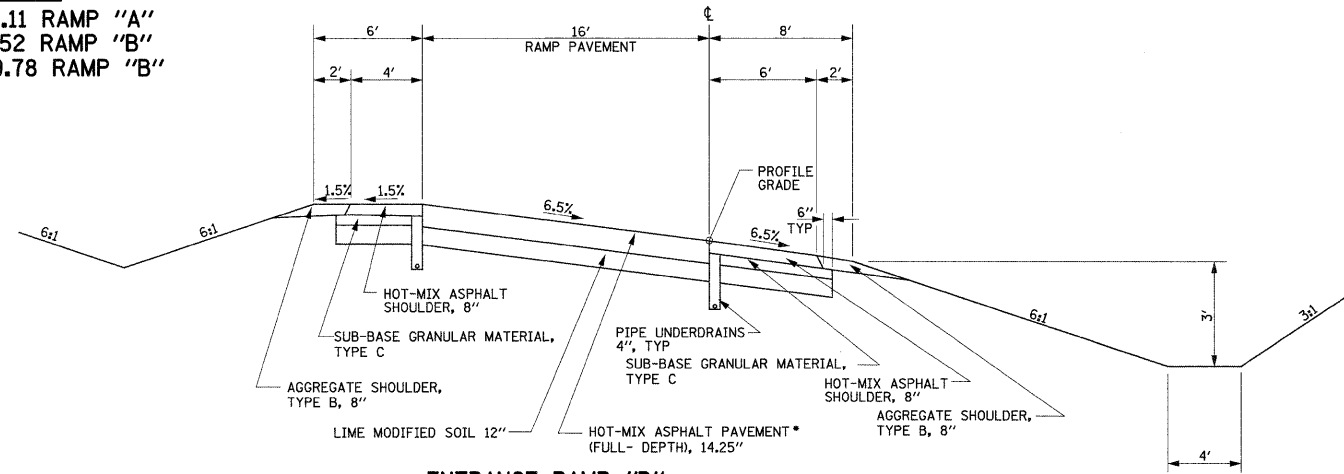
* HOT-MIX ASPHALT PAVEMENT (FULL-DEPTH) 14.25" WILL CONSIST OF:
HOT-MIX ASPHALT POLYMER SURFACE COURSE, MIX D, N90, 2"
HOT-MIX ASPHALT BINDER COURSE, IL-19.0, N90, 12.25"

TYPICAL RAMP SECTION
STA 14+15.20 TO STA 19+84.11 RAMP "A"
STA 8+43.91 TO STA 12+89.52 RAMP "B"
STA 34+25.49 TO STA 38+59.78 RAMP "B"



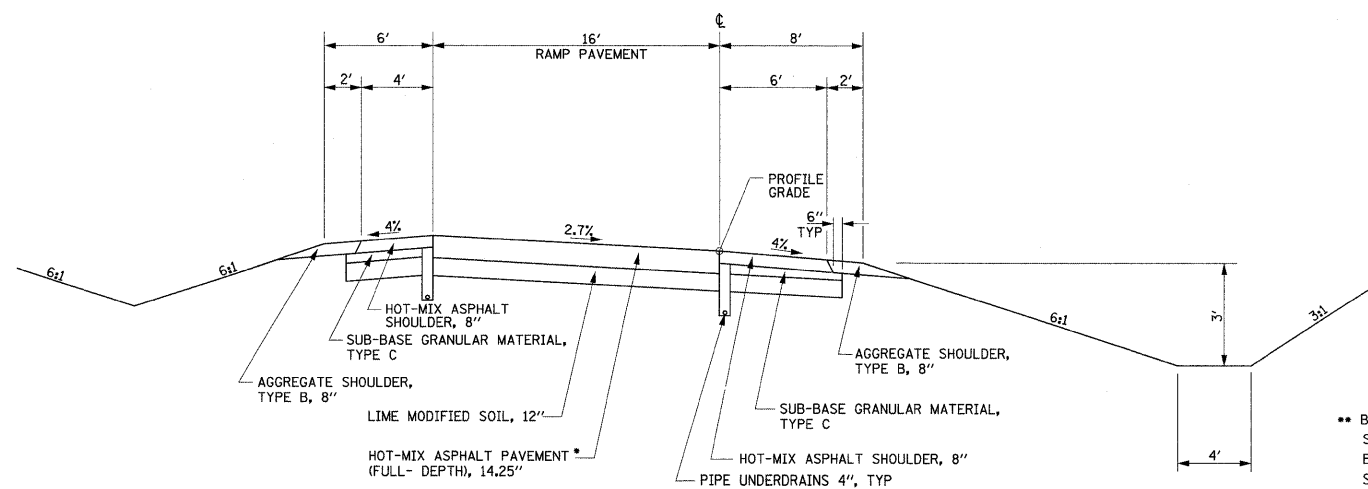
EXIT RAMP "A"
STA 8+08.70 TO STA 14+15.20

*HOT-MIX ASPHALT PAVEMENT (FULL-DEPTH), 14.25"
HOT-MIX ASPHALT SHOULDER, 8"
PIPE UNDERDRAINS 4", TYP



ENTRANCE RAMP "B"
STA 31+08.68 TO STA 34+25.49

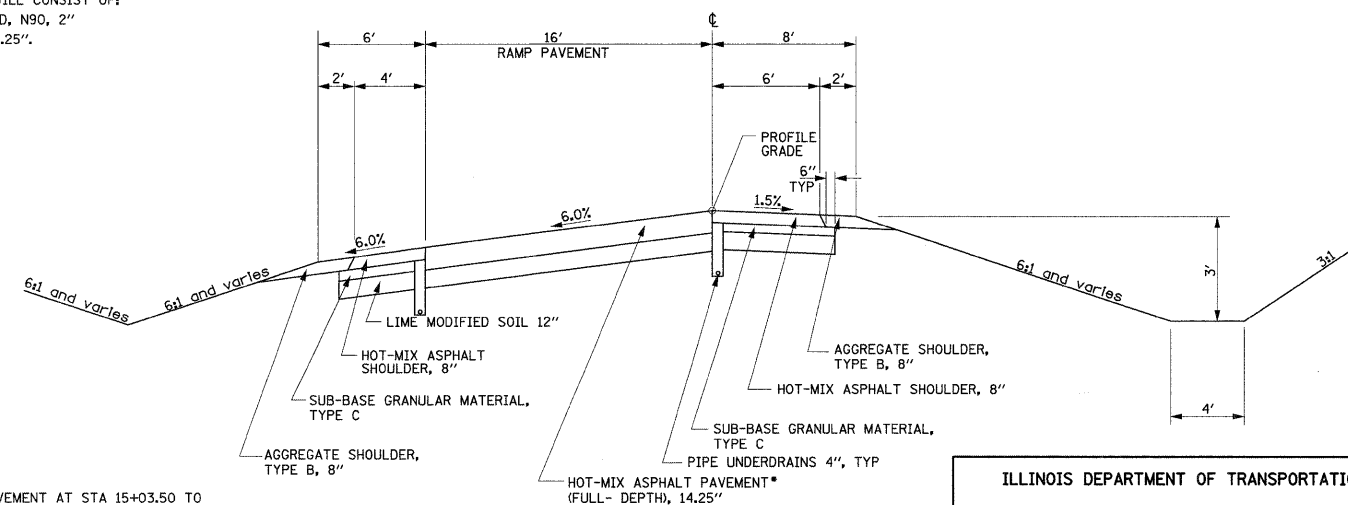
* HOT-MIX ASPHALT PAVEMENT (FULL-DEPTH) 14.25" WILL CONSIST OF:
HOT-MIX ASPHALT POLYMER SURFACE COURSE, MIX D, N90, 2"
HOT-MIX ASPHALT BINDER COURSE, IL-19.0, N90, 12.25"



TYPICAL RAMP SECTION
STA 2+97.08 TO STA 8+08.70 RAMP "A"

** BRIDGE APPROACH PAVEMENT AT STA 15+03.50 TO STA 15+33.50 AND STA 21+63.45 TO STA 21+93.45
BRIDGE APPROACH PAVEMENT CONNECTOR AT STA 14+03.50 TO STA 15+03.50 AND STA 21+93.45 TO STA 22+93.45.

* HOT-MIX ASPHALT PAVEMENT (FULL-DEPTH) 14.25" WILL CONSIST OF:
HOT-MIX ASPHALT POLYMER SURFACE COURSE, MIX D, N90, 2"
HOT-MIX ASPHALT BINDER COURSE, IL-19.0, N90, 12.25"



ENTRANCE RAMP "B"
STA 12+89.52 TO STA 15+33.50
STA 21+63.40 TO STA 31+08.68

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION

TYPICAL SECTIONS

SCALE: NO SCALE
DATE: 09-04-09

DRAWN BY: U.J.
CHECKED BY: J.J.C.