

• 4.0' FOR GUARDRAIL

**ENTRANCE RAMP "B" PROPOSED TYPICAL SECTION - CONSTRUCTED BY OTHERS**

STA 11+60.00 TO STA 14+25.00	SE TRANSITION + 1/4"/ft TO - 3/4"/ft
STA 14+25.00 TO STA 15+03.50	S.E. = 3/4"/ft
STA 15+03.50 TO STA 15+33.50	BRIDGE APPROACH PAVEMENT
STA 15+33.50 TO STA 21+63.46	BRIDGE OMISSION
STA 21+63.46 TO STA 21+93.46	BRIDGE APPROACH PAVEMENT
STA 21+93.46 TO STA 31+08.68	S.E. = 3/4"/ft

**RIGHT SHOULDER SUPERELEVATION TRANSITION**

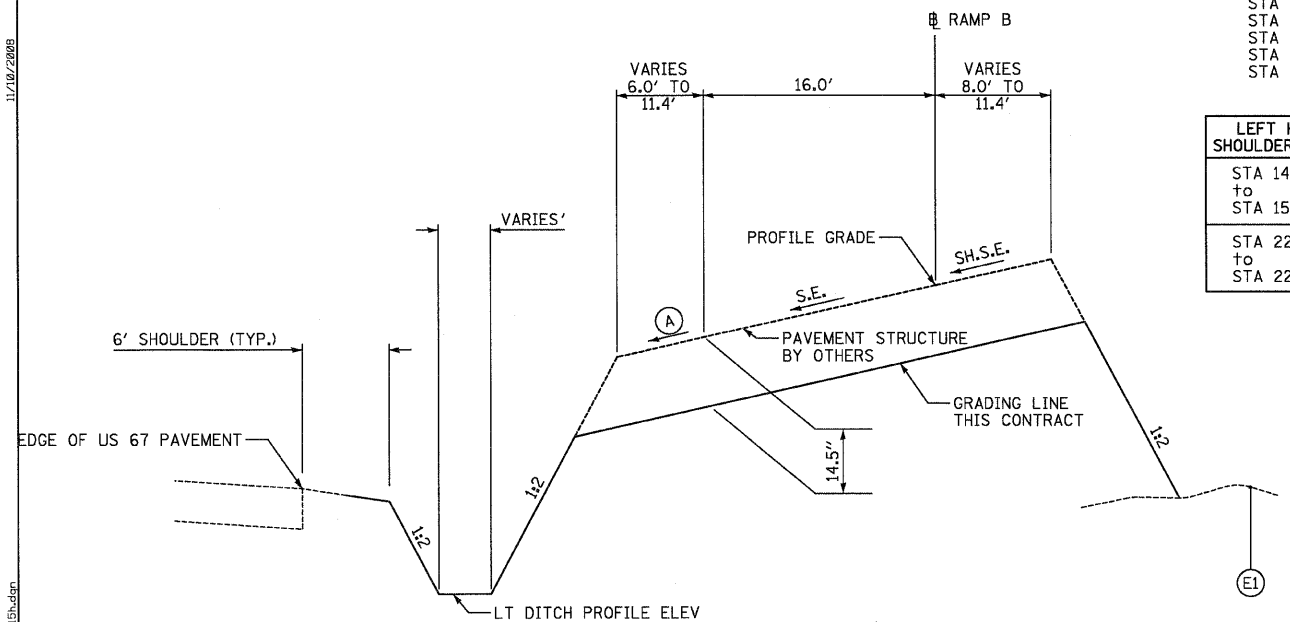
STA 11+60 TO STA 13+03	SH.S.E. = - 1/2"/ft
STA 13+03 TO STA 15+03	SH.S.E. TRANSITION
STA 15+03 TO STA 21+94	SH.S.E. = + 3/4"/ft
STA 21+94 TO STA 23+54	SH.S.E. TRANSITION
STA 23+54 TO STA 31+08	SH.S.E. = - 1/2"/ft

LEFT HOT-MIX ASPHALT SHOULDER WIDTH TRANSITION		RIGHT HOT-MIX ASPHALT SHOULDER WIDTH TRANSITION	
STA 14+13.50	4.0'	STA 14+53.00	6.0'
to	to	to	to
STA 15+03.50	8.4'	STA 15+03.00	8.4'
STA 22+05.00	8.4'	STA 21+90.00	8.4'
to	to	to	to
STA 22+95.00	4.0'	STA 22+40.00	6.0'

**LEGEND**

- (E1) EXISTING GROUND
- (F1) FUTURE SUBBASE GRANULAR MATERIAL
- (F2) FUTURE HOT-MIX ASPHALT SHOULDERS, 8"
- (F3) FUTURE HOT-MIX ASPHALT PAVEMENT (FULL-DEPTH), 15 1/4"
- (1) LIME MODIFIED SOIL 12"
- (2) SUBBASE GRANULAR MATERIAL, TYPE C
- (3) SUB-SURFACE DRAIN, STD 601001
- (4a) HOT-MIX ASPHALT PAVEMENT (FULL-DEPTH), 14 1/2"
- (6) HOT-MIX ASPHALT SHOULDERS, 8"
- (7) AGGREGATE SHOULDER, TYPE B, 8"
- (8) PAVED DITCH (SPECIAL)
- (A) SHOULDER SHALL BE SLOPED THE SAME AS THE S.E. BUT NO LESS THAN 1/2"/ft.

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**ENTRANCE RAMP "B" PROPOSED GRADING ONLY TYPICAL SECTION**

STA 14+73.50 TO STA 15+03.50	S.E. = 3/4"/ft
STA 15+03.50 TO STA 15+33.50	BRIDGE APPROACH PAVEMENT
STA 15+33.50 TO STA 21+63.46	BRIDGE OMISSION
STA 21+63.46 TO STA 21+93.46	BRIDGE APPROACH PAVEMENT
STA 21+93.46 TO STA 22+23.45	S.E. = 3/4"/ft

**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 AC TYPE = 20
	MINIMUM TF = 4.74
AC GRADE:	BINDER = PG 58-22 SURFACE = PG 64-22
SUBGRADE SUPPORT RATING:	SSR = POOR

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION  
**TYPICAL SECTIONS**  
 FAP 310 (ILL 255)  
 SECTION 60-15HB-3  
 MADISON COUNTY

SCALE: VERT. \_\_\_\_\_  
 HORIZ. \_\_\_\_\_

DATE \_\_\_\_\_ DRAWN BY \_\_\_\_\_  
 CHECKED BY \_\_\_\_\_