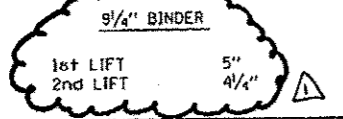


PROPOSED RURAL SUPERELEVATED TYPICAL SECTION

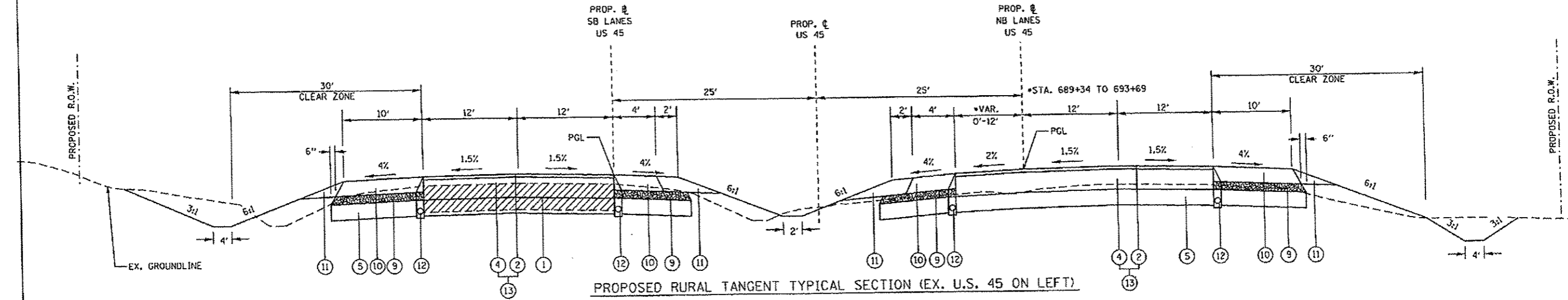
TO BE USED: STA. 680+52.29 TO 691+91.52
 NOTE: FOR SUPERELEVATION TRANSITION
 SEE SUPERELEVATION SCHEDULE
 SEE CROSS SECTIONS FOR DITCH LOCATIONS AND ELEVATIONS

STRUCTURAL DESIGN TRAFFIC:		YEAR 2024
PV = 9470	SU = 595	MU = 235
ROAD/STREET CLASSIFICATION:		CLASS 1
PERCENT OF STRUCTURAL DESIGN TRAFFIC IN DESIGN LANE:		
P = 32%	S = 45%	M = 45%
TRAFFIC FACTOR: ACTUAL TF = 1.74 MINIMAL TF = 1.56		
PG GRADE: BINDER = 64-22		SURFACE = 64-22

NOMINAL THICKNESS FOR EACH LIFT OF BINDER SHALL BE AS FOLLOWS:



- LEGEND
- 1 EXISTING HOT-MIX ASPHALT RESURFACED PCC PAVEMENT, 14"
 - 2 HOT-MIX ASPHALT SURFACE COURSE, MIX O, N90, 2"
 - 3 HOT-MIX ASPHALT BINDER COURSE, N90, IL-19.0, 9 1/4"
 - 4 PROCESSING LIME MODIFIED SOILS (12" MIN.) (SEE GEOTECHNICAL REPORT FOR DEPTH OF PROPOSED LIME MODIFICATION)
 - 5 SUB-BASE GRANULAR MATERIAL (TYPE "C" (TO BE OMITTED IF ALT B IS USED))
 - 6 ALT A: HOT-MIX ASPHALT SHOULDERS, 8" OR ALT B: PORTLAND CEMENT CONCRETE SHOULDERS, 9"
 - 7 AGGREGATE SHOULDERS, TYPE B
 - 8 PIPE UNDERDRAINS, 4" (HWY STD. 601001)
 - 9 ALT A: HOT-MIX ASPHALT PAVEMENT (FULL DEPTH), 11.25" OR ALT B: PORTLAND CEMENT CONCRETE PAVEMENT, 9" (JOINTED) & STAB. SUBBASE 4"
 - 10 REMOVAL



PROPOSED RURAL TANGENT TYPICAL SECTION (EX. U.S. 45 ON LEFT)

TO BE USED: STA. 691+91.52 TO 693+82.59
 SEE CROSS SECTIONS FOR DITCH LOCATIONS AND ELEVATIONS

REVISD 7-22-14

FILE NAME: P:\Projects\2811 Projects\11247 - 1001 US 45\PH2\CY\CADD Sheets\0970077-shc-typical.dwg	USER NAME: bmary	DESIGNED: -	REVISD: -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	TYPICAL SECTIONS U.S. 45			F.A.P. RTE. 332	SECTION (29.30R-1)	COUNTY SALINE	TOTAL SHEETS 745	SHEET NO. 29
PLOT SCALE: 1/8" = 1'-0"	CHECKED: -	REVISD: -	REVISD: -		SCALE: N.T.S.	SHEET NO. 6 OF SHEETS	STA. TO STA.	FED. ROAD DIST. NO.	ILLINOIS FED. AID PROJECT	CONTRACT NO. 78077		
PLOT DATE: 7/21/2014	DATE: -	REVISD: -	REVISD: -									