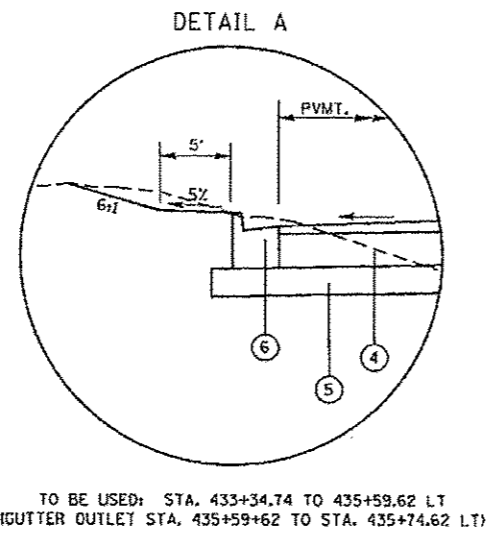
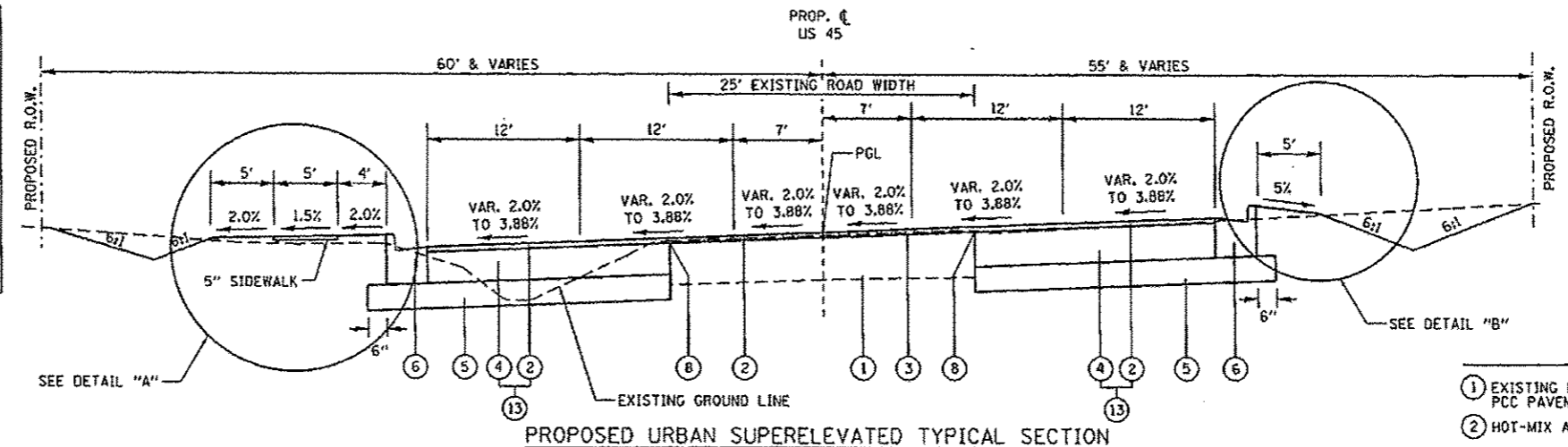
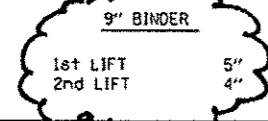


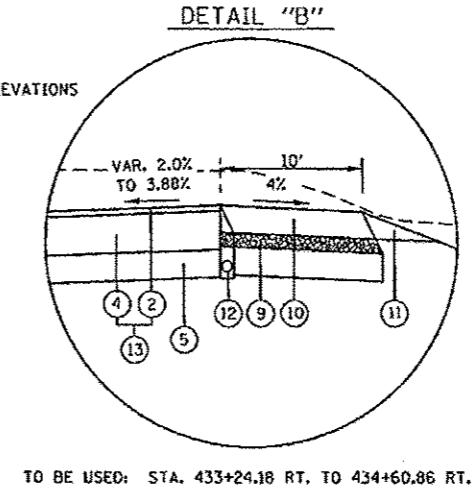
PAVEMENT STRUCTURE DESIGN

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 = 3.56
 PG GRADE: BINDER = 64-22 SURFACE = 64-22

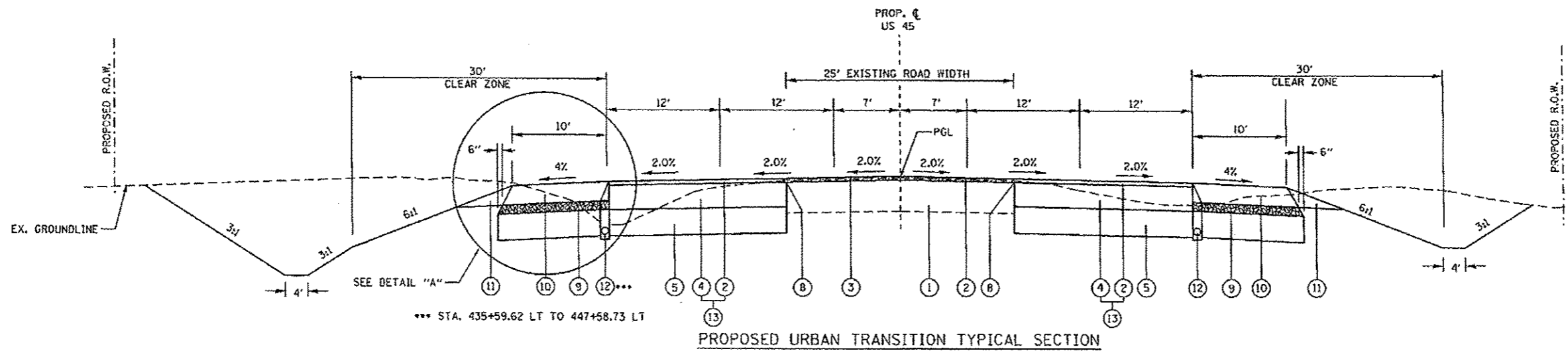
NOMINAL THICKNESS FOR EACH LIFT OF BINDER SHALL BE AS FOLLOWS:



TO BE USED: STA. 422+32.59 TO 434+60.86
 NOTE: FOR SUPERELEVATION TRANSITION
 SEE SUPERELEVATION SCHEDULE
 SEE CROSS SECTIONS FOR DITCH LOCATION AND ELEVATIONS



- LEGEND
- ① EXISTING HOT-MIX ASPHALT RESURFACED PCC PAVEMENT, 14"
 - ② HOT-MIX ASPHALT SURFACE COURSE, MIX D, N90, 2 1/4"
 - ③ HOT-MIX ASPHALT SURFACE REMOVAL, VARIABLE DEPTH
 - ④ HOT-MIX ASPHALT BINDER COURSE, N90, IL-19.0, 9"
 - ⑤ PROCESSING LIME MODIFIED SOILS (12" MIN.) (SEE GEOTECHNICAL REPORT FOR DEPTH OF PROPOSED LIME MODIFICATION)
 - ⑥ COMBINATION CONCRETE CURB & GUTTER, TYPE B-6.24
 - ⑧ STRIP REFLECTIVE CRACK CONTROL TREATMENT
 - ⑨ SUB-BASE GRANULAR MATERIAL TYPE "C"
 - ⑩ HOT-MIX ASPHALT SHOULDERS, 8"
 - ⑪ AGGREGATE SHOULDERS, TYPE B
 - ⑫ PIPE UNDERDRAINS, 4" (HWY STD. 601001)
 - ⑬ HOT-MIX ASPHALT PAVEMENT (FULL DEPTH), 11.25"
- REMOVAL



TO BE USED: STA. 434+60.86 TO 447+58.73
 SEE CROSS SECTIONS FOR DITCH LOCATIONS AND ELEVATIONS

REVISD 7-22-14

FILE NAME	USER NAME	DESIGNED	REVISD	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	TYPICAL SECTIONS U.S. 45			F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
PRJ: 1001 US 45 PH2/CV/CADD	Sheets/D978877-sh-typical.dwg	DRAWN	REVISD					332	(29,301R-1)	SALINE	145	25	
PLOT SCALE	1/8" = 1'-0"	CHECKED	REVISD		SCALE: N.T.S.			SHEET NO. 2 OF	SHEETS	STA.	TO STA.	FED. ROAD DIST. NO.	ILLINOIS FED. AID PROJECT
PLOT DATE	7/21/2014	DATE	REVISD									CONTRACT NO. 78077	