

PROPOSED URBAN TANGENT TYPICAL SECTION

TO BE USED: STA. 392+75.00 TO 411+87.84

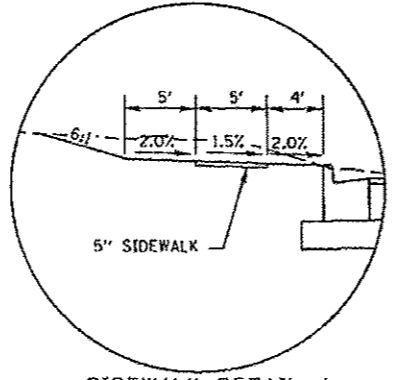
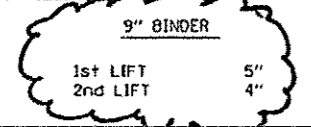
NOTES: EXISTING CURB & GUTTER STA. 392+75.00 TO STA. 406+29.38 ONLY
SEE CROSS SECTIONS FOR DITCH LOCATIONS AND ELEVATIONS

EXISTING ROAD WIDTH VARIES FROM 62 FT (STA. 392+75.00) TO 44 FT (STA. 395+39.05)
EXISTING ROAD WIDTH VARIES FROM 44 FT (STA. 406+87.02) TO 25 FT (STA. 411+88.47)

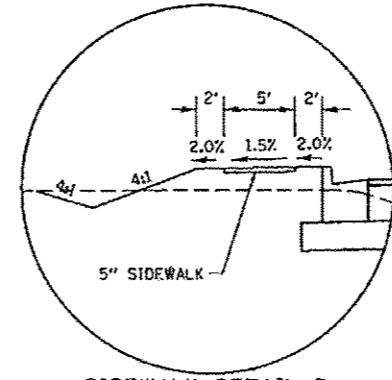
PAVEMENT STRUCTURE DESIGN

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:

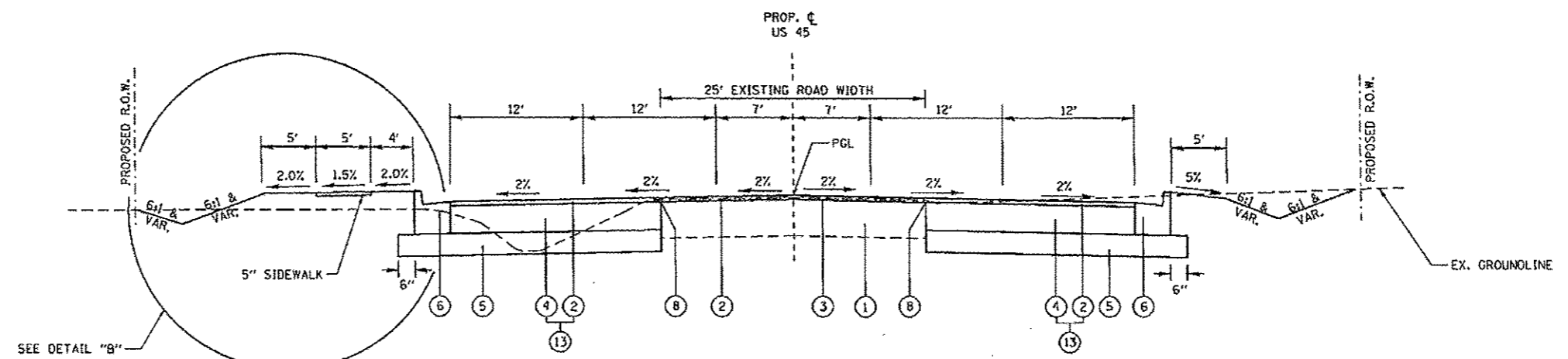


SIDEWALK DETAIL A
TO BE USED
STA. 391+80.00 TO 405+59.30 LT



SIDEWALK DETAIL B
TO BE USED
STA. 411+75.00 TO 413+50.00 LT
(TRANSITION FROM STA. 411+50.00 TO 411+75.00 LT)

- 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
 - ⑦ COMBINATION CONCRETE CURB & GUTTER REMOVAL
 - ⑧ STRIP REFLECTIVE CRACK CONTROL TREATMENT
 - ⑬ HOT-MIX ASPHALT PAVEMENT (FULL DEPTH), 11.25"
- REMOVAL



PROPOSED URBAN TANGENT TYPICAL SECTION

TO BE USED: STA. 411+87.84 TO 422+32.59
SEE CROSS SECTIONS FOR DITCH LOCATIONS AND ELEVATIONS

REVISION 7-22-14

FILE NAME:	USER NAME: beman	DESIGNED:	REVISION:	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	TYPICAL SECTIONS U.S. 45	F.A.P. RTE.:	SECTION:	COUNTY:	TOTAL SHEETS:	SHEET NO.:
PROJECT: P:\Projects\2011\Projects\11297 - IODT US 45	DATE: 7/21/2014	DRAWN:	REVISION:			332	(29.301R-1)	SALINE	745	24
PLOT SCALE: 1/8" = 1'-0"	DATE:	CHECKED:	REVISION:			CONTRACT NO. 78077				
PLOT DATE: 7/21/2014	DATE:	REVISION:	FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT							