

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

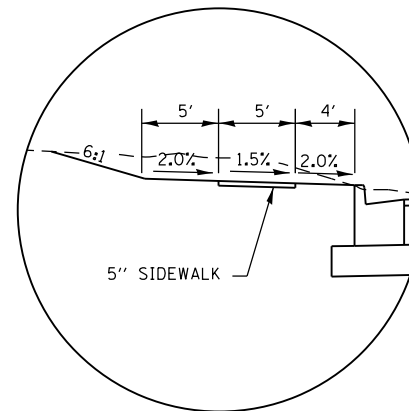
STRUCTURAL DESIGN TRAFFIC:	YEAR 2024
PV = 9470	SU = 595 MU = 235
ROAD/STREET CLASSIFICATION:	CLASS 1
PERCENT OF STRUCTURAL DESIGN TRAFFIC IN DESIGN LANE:	
P = 32%	S = 45% M = 45%
TRAFFIC FACTOR:	ACTUAL TF = 1.74 MINIMAL TF = 3.56
PG GRADE:	BINDER = 64-22 SURFACE = 64-22

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

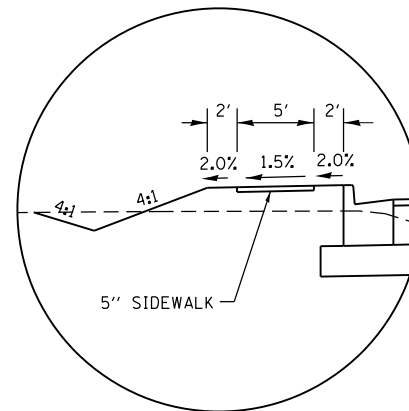
9" BINDER	
1st LIFT	3"
2nd LIFT	3"
3rd LIFT	3"

LEGEND

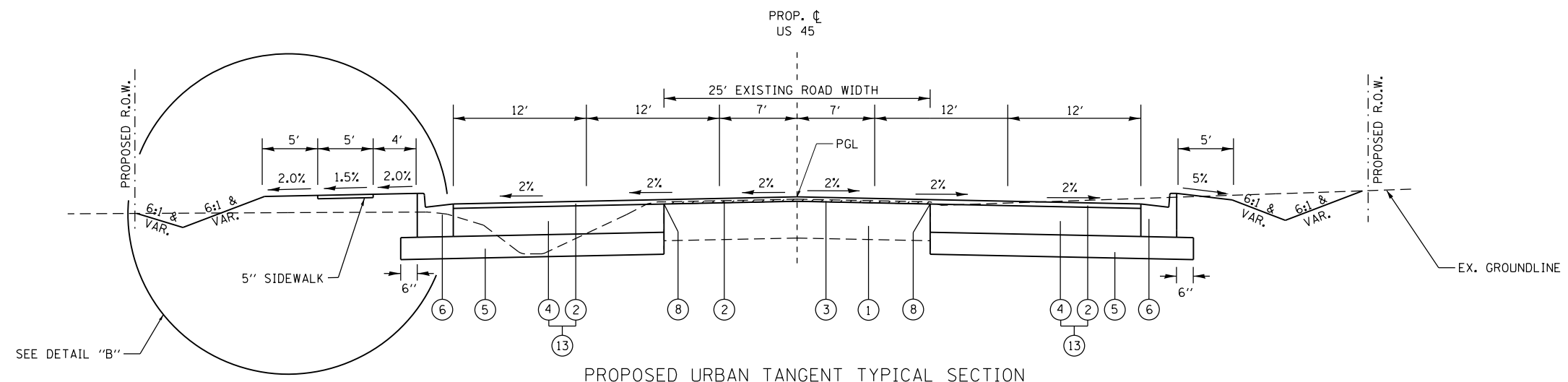
- ① EXISTING HOT-MIX ASPHALT RESURFACED PCC PAVEMENT, 14"
- ② HOT-MIX ASPHALT SURFACE COURSE, MIX D, N90, 2 1/4"
- ③ HOT-MIX ASPHALT SURFACE REMOVAL, VARIABLE DEPTH
- ④ HOT-MIX ASPHALT BINDER COURSE, N90, IL-19.0, 9"
- ⑤ PROCESSING LIME MODIFIED SOILS (12" MIN.) (SEE GEOTECHNICAL REPORT FOR DEPTH OF 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"



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)



PROPOSED URBAN TANGENT TYPICAL SECTION  
TO BE USED: STA. 411+87.84 TO 422+32.59

SEE CROSS SECTIONS FOR DITCH LOCATIONS AND ELEVATIONS

FILE NAME =	USER NAME = bemery	DESIGNED -	REVISED -	<b>STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION</b>	<b>TYPICAL SECTIONS U.S. 45</b>			F.A.P. RTE. 332	SECTION (29,30)R-1	COUNTY SALINE	TOTAL SHEETS 745	SHEET NO. 24
P:\Projects\2011 Projects\11297 - IDOT US 45 Ph2\CV\CADD Sheets\0978077-sht-typical.dgn	DRAWN -	REVISED -	REVISED -		SCALE: N.T.S	SHEET NO. 1 OF	SHEETS	STA.	TO STA.	CONTRACT NO. 78077		
PLOT SCALE = 100.0000' / 1" =	CHECKED -	REVISED -	REVISED -									
PLOT DATE = 4/30/2014	DATE -	REVISED -	REVISED -									