

PROPOSED TRANSITION TYPICAL SECTION

TO BE USED: STA. 447+58.73 TO 449+88.13
SEE CROSS SECTIONS FOR DITCH LOCATIONS AND ELEVATIONS

NOTE: ALT A & ALT B OPTION BEGINS AT STATION 449+88.13 AND CONTINUES TO THE END OF THE PROJECT.

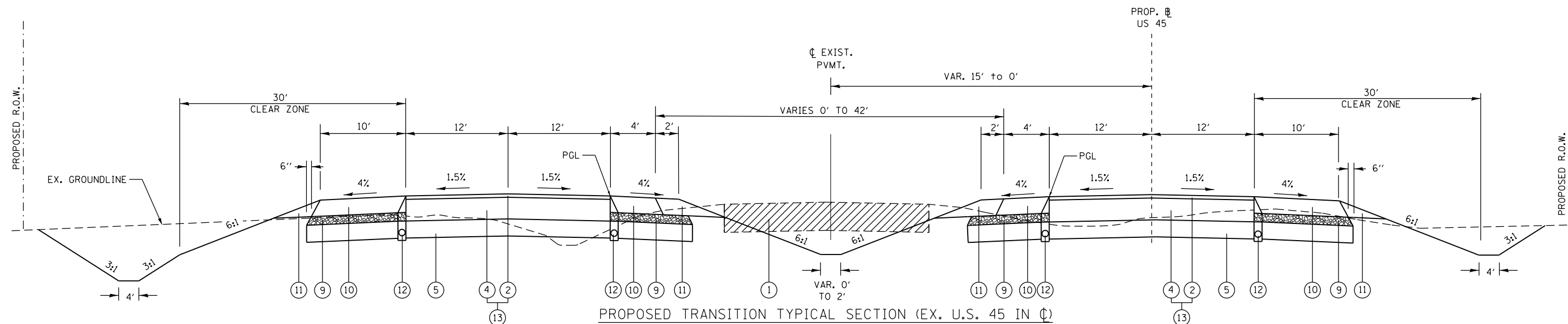
PAVEMENT STRUCTURE DESIGN

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

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
 - ⑧ STRIP REFLECTIVE CRACK CONTROL TREATMENT
 - ⑨ SUB-BASE GRANULAR MATERIAL TYPE "C" (TO BE OMITTED IF ALT B IS USED)
 - ⑩ ALT A: HOT-MIX ASPHALT SHOULDERS, 8" OR ALT B: PORTLAND CEMENT CONCRETE SHOULDERS, 9"
 - ⑪ AGGREGATE SHOULDERS, TYPE B
 - ⑫ PIPE UNDERDRAINS, 4" (HWY STD. 601001)
 - ⑬ ALT A: HOT-MIX ASPHALT PAVEMENT (FULL DEPTH), 11.25" OR ALT B: PORTLAND CEMENT CONCRETE PAVEMENT, 9" (JOINTED)
- REMOVAL



PROPOSED TRANSITION TYPICAL SECTION (EX. U.S. 45 IN C)

TO BE USED: STA. 449+88.13 TO 458+45.08

FILE NAME =	USER NAME = bemory	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	TYPICAL SECTIONS U.S. 45			F.A.P. RTE. 332	SECTION (29,30)R-1	COUNTY SALINE	TOTAL SHEETS 745	SHEET NO. 26
P:\Projects\2011 Projects\11297 - IDOT US 45 Ph2\CV\CADD Sheets\0978077-sht-typical.dgn	DRAWN -	REVISIED -	REVISIED -		SCALE: N.T.S.	SHEET NO. 3 OF	SHEETS	STA.	TO STA.	CONTRACT NO. 78077		
PLOT SCALE = 100.0000' / 1in.	CHECKED -	REVISIED -	REVISIED -									
PLOT DATE = 4/30/2014	DATE -	REVISIED -	REVISIED -									