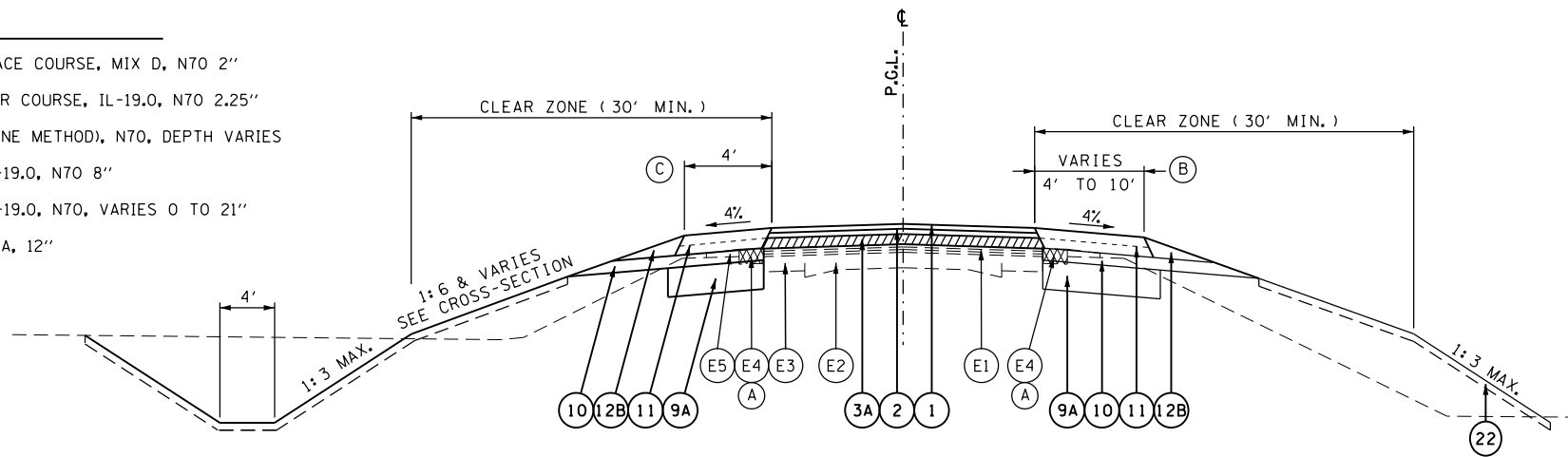


STRUCTURAL PAVEMENT DESIGN INFORMATION		
STRUCTURAL TRAFFIC:	YEAR: 2024	
PV= 5001	SU= 375	MU= 1,000
ROAD/STREET CLASSIFICATION:	CLASS I	
P= 78.43%	S= 5.88%	M= 15.69%
TRAFFIC FACTOR:	ACTUAL TF= 4.8	
	MINIMUM TF= 7.1	
SUBGRADE SUPPORT RATING:	SSR= POOR	

**PROPOSED LEGEND**

- 1 POLYMERIZED HOT-MIX ASPHALT SURFACE COURSE, MIX D, N70 2"
- 2 POLYMERIZED HOT-MIX ASPHALT BINDER COURSE, IL-19.0, N70 2.25"
- 2A POLYMERIZED LEVELING BINDER (MACHINE METHOD), N70, DEPTH VARIES
- 3 HOT-MIX ASPHALT BINDER COURSE, IL-19.0, N70 8"
- 3A HOT-MIX ASPHALT BINDER COURSE, IL-19.0, N70, VARIES 0 TO 21"
- \*\* 9A SUB-BASE GRANULAR MATERIAL, TYPE A, 12"
- \*\* 9B LIME MODIFIED SOIL 12"
- 10 EMBANKMENT
- 11 HOT-MIX ASPHALT SHOULDERS 8"
- 12 AGGREGATE SHOULDERS, TYPE B, 8"
- 12B AGGREGATE WEDGE SHOULDER, TYPE B
- 22 4" TOPSOIL PLACEMENT
- \*\* 23 HMA PAVEMENT (FULL DEPTH), 12.25"



**EAST TRANSITION TO EASTBOUND LANE (ET-EBL) US ROUTE 34**

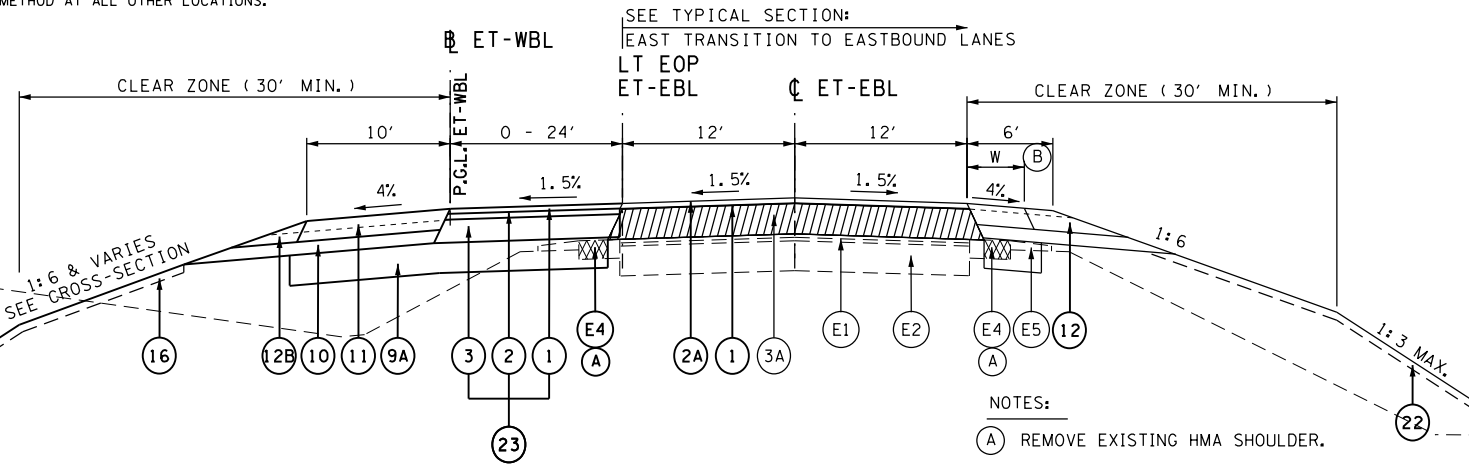
STA 2821+53.35 TO STA 2824+70.49  
 STA 2824+70.49 TO STA 2825+00.49 (BUTT JOINT STD. 406101-D4)

**NOTES:**

- (A) REMOVE EXISTING HMA SHOULDER.
- (B) RT HMA SHOULDER WIDTH TRANSITION RATE 1:60  
 STA 2821+10.49, W = 10' TO STA 2824+70.49, W = 4'
- (C) LT HMA SHOULDER WIDTH  
 STA 2821+53.35 TO STA 2824+70.49, W = 4'

**LEGEND NOTES:**

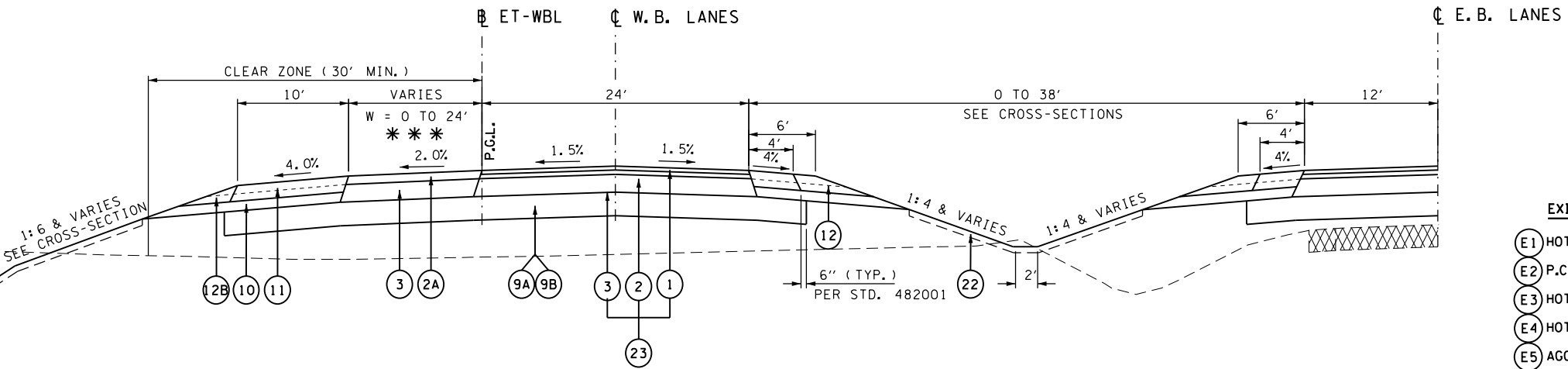
- \*\* ITEMS 1, 2, & 3 WILL BE PAID FOR AT THE CONTRACT UNIT PRICE PER SQUARE YARD FOR HMA PAVEMENT (FULL-DEPTH), 12.25"
- \*\* SUB-BASE GRANULAR MATERIAL IS REQUIRED AT:  
 STA 1516+39.24 TO STA 1521+67.87 (WT-WBL)  
 STA 3515+30.00 TO STA 3523+00.00 (WT-EBL)  
 CONTRACTOR OPTION FOR SUBGRADE IMPROVEMENT METHOD AT ALL OTHER LOCATIONS.
- \*\* PLACE ADDITIONAL SUB GRAN MAT A ABOVE 12" SUB GRAN MAT A TO BOTTOM OF HMA SHOULDER.



**EAST TRANSITION TO WESTBOUND LANE (ET-WBL) US ROUTE 34**

STA 3816+37.49 TO STA 3821+57.71

- NOTES:**
- (A) REMOVE EXISTING HMA SHOULDER.



**EAST TRANSITION TO WESTBOUND LANE (ET-WBL) US ROUTE 34**

STA 3809+63.87 TO STA 3816+37.49

- \*\* PROVIDE WESTBOUND LANE STUB-OUT FOR FUTURE US ROUTE 34 WIDTH VARIES  
 W = 0.0' @ STA 3809+63.87 TO  
 W = 24.0' @ STA 3813+92.30  
 W = 24.0' FROM STA 3813+92.30 TO STA 3815+50.44  
 END FUTURE W.B.L. STUB-OUT @ STA 3815+50.44

**EXISTING LEGEND**

- (E1) HOT-MIX ASPHALT OVERLAY - THICKNESS VARIES
- (E2) P.C.C. PAVEMENT (9-6-9)
- (E3) HOT-MIX ASPHALT BASE CSE/ BASE CSE WIDENING
- (E4) HOT-MIX ASPHALT SHOULDER
- (E5) AGGREGATE SHOULDERS

FILE NAME =  
 D468409-SHT-07-TYP-US34-EAST.dgn

USER NAME = zachl  
 PLOT SCALE = 100.0000' / 1in.  
 PLOT DATE = 10/16/2012

DESIGNED - DBS  
 DRAWN - PSBA  
 CHECKED - CSB  
 DATE - 10/2012

REVISED -  
 REVISED -  
 REVISED -  
 REVISED -

**STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION**

**TYPICAL SECTIONS  
 EAST TRANSITION TO EXISTING US ROUTE 34**

SCALE: N.A. SHEET NO. 7 OF 18 SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
313	7-2; 6-1	HENDERSON	976	87
CONTRACT NO. 68409				
ILLINOIS FED. AID PROJECT				