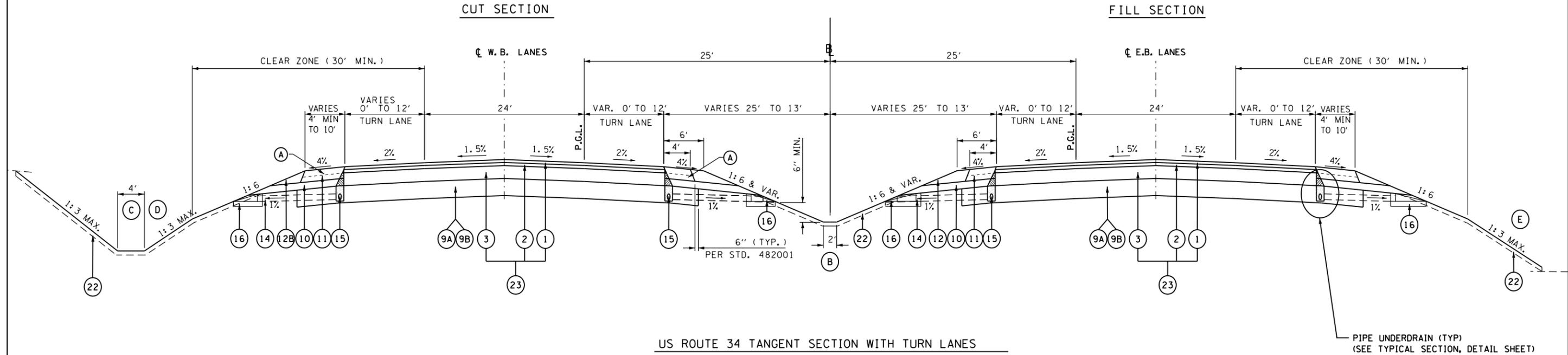


STRUCTURAL PAVEMENT DESIGN INFORMATION		
STRUCTURAL TRAFFIC:	YEAR: 2024	
PV= 5001	SU= 375	MU= 1,000
ROAD/STREET CLASSIFICATION:	CLASS I	
P= 78.43%	S= 5.88%	M= 15.69%
TRAFFIC FACTOR:	ACTUAL TF= 4.8	
	MINIMUM TF= 7.1	
SUBGRADE SUPPORT RATING:	SSR= POOR	

- PROPOSED LEGEND**
- ① POLYMERIZED HOT-MIX ASPHALT SURFACE COURSE, MIX D, N70 2"
  - ② POLYMERIZED HOT-MIX ASPHALT BINDER COURSE, IL-12.5, N70 2.25"
  - ③ HOT-MIX ASPHALT BINDER COURSE, IL-19.0, N70 8"
  - \* 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
  - ⑭ PIPE UNDERDRAIN 4" (SPECIAL) (STD 601201-D4) AT 1% SLOPE
  - ⑮ 4" PERFORATED CORRUGATED POLYETHYLENE TUBING @ 0.40% MIN. SLOPE (SEE PROP. UNDERDRAIN PROFILE SHEETS) (PAID FOR AS "PIPE UNDERDRAINS 4")
  - ⑯ CONCRETE HEADWALL FOR PIPE DRAIN (PER STD 601101)
  - ⑰ 4" TOPSOIL PLACEMENT
  - \* ⑳ HMA PAVEMENT (FULL DEPTH), 12.25"

- 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 SELECTED LOCATIONS. SEE SCHEDULE. CONTRACTOR OPTION FOR SUBGRADE IMPROVEMENT METHOD AT ALL OTHER LOCATIONS.



**US ROUTE 34 TANGENT SECTION WITH TURN LANES**

STA 523+30.60 TO STA 527+00.00 (EB ONLY)  
 STA 527+00.00 TO STA 533+33.05  
 STA 552+34.80 TO STA 561+18.12  
 STA 688+63.93 TO STA 698+53.45  
 STA 718+50.83 TO STA 727+95.41  
 STA 743+75.27 TO STA 754+25.00  
 STA 771+48.93 TO STA 779+31.42  
 STA 802+69.13 TO STA 805+99.12  
 STA 805+99.12 TO STA 808+42.68 (WB ONLY)

- NOTES:**
- (A) CONSTRUCT HMA AND AGGREGATE SHOULDER UP TO TOP OF HMA BINDER COURSE 8" PRIOR TO PLACING 2.25" BINDER AND 2" SURFACE COURSES.
  - (B) STANDARD MEDIAN DITCH DEPTH IS 3.24 FT. BELOW PROFILE GRADE LINE.
  - (C) STANDARD OUTER DITCH DEPTH IS 5.00 FT. BELOW OUTSIDE EDGE OF PAVEMENT.
  - (D) CONTINUE 1:6 FORESLOPE WHEN DITCH DEPTH IS 7.00 FT. OR LESS BELOW OUTSIDE EDGE OF PAVEMENT. USE 1:3 FORESLOPE OUTSIDE CLEAR ZONE (30') WHEN DITCH DEPTH IS GREATER THAN 7.00 FT.
  - (E) SEE TYPICAL BENCH DETAIL IN FORESLOPE (WHERE APPLICABLE)

FILE NAME = D468409-SHT-03-TYP-US34-TANG-TURN.dgn	USER NAME = zachl	DESIGNED - DBS	REVISED -	<b>STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION</b>	<b>TYPICAL SECTIONS US ROUTE 34 - TURN LANE TANGENT</b>			F.A.P. RTE. 313	SECTION 7-2; 6-1	COUNTY HENDERSON	TOTAL SHEETS 976	SHEET NO. 83
	PLOT SCALE = 100.0000' / 1" =	CHECKED - CSB	REVISED -		SCALE: N.A.	SHEET NO. 3 OF 18 SHEETS	STA. TO STA.	CONTRACT NO. 68409				
	PLOT DATE = 10/16/2012	DATE - 10/2012	REVISED -		ILLINOIS FED. AID PROJECT							