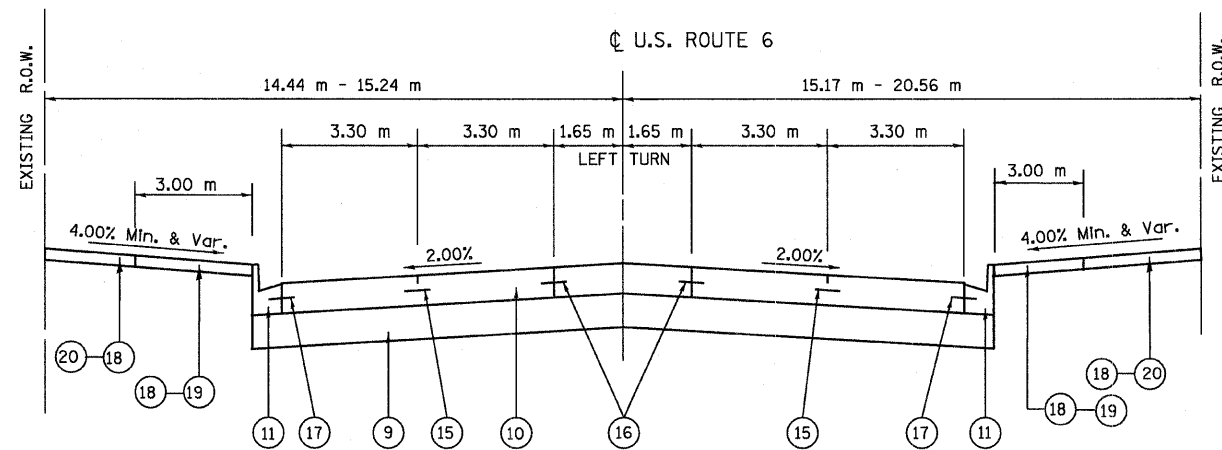


STRUCTURAL DESIGN TRAFFIC: Year 2010
 PV = 27,281 SU = 1,242 MU = 1,752
 ROAD/STREET CLASSIFICATION: Class 1
 PERCENT OF STRUCTURAL DESIGN TRAFFIC IN DESIGN LANE:
 P = 32 S = 45 M = 45
 TRAFFIC FACTOR: Actual TF = 12.61 AC Type = --
 Minimum TF = 6.03
 AC GRADE Binder = -- Surface = --
 SUBGRADE SUPPORT RATING:
 SSR = POOR (Sta. 0+463 to Sta. 3+973)

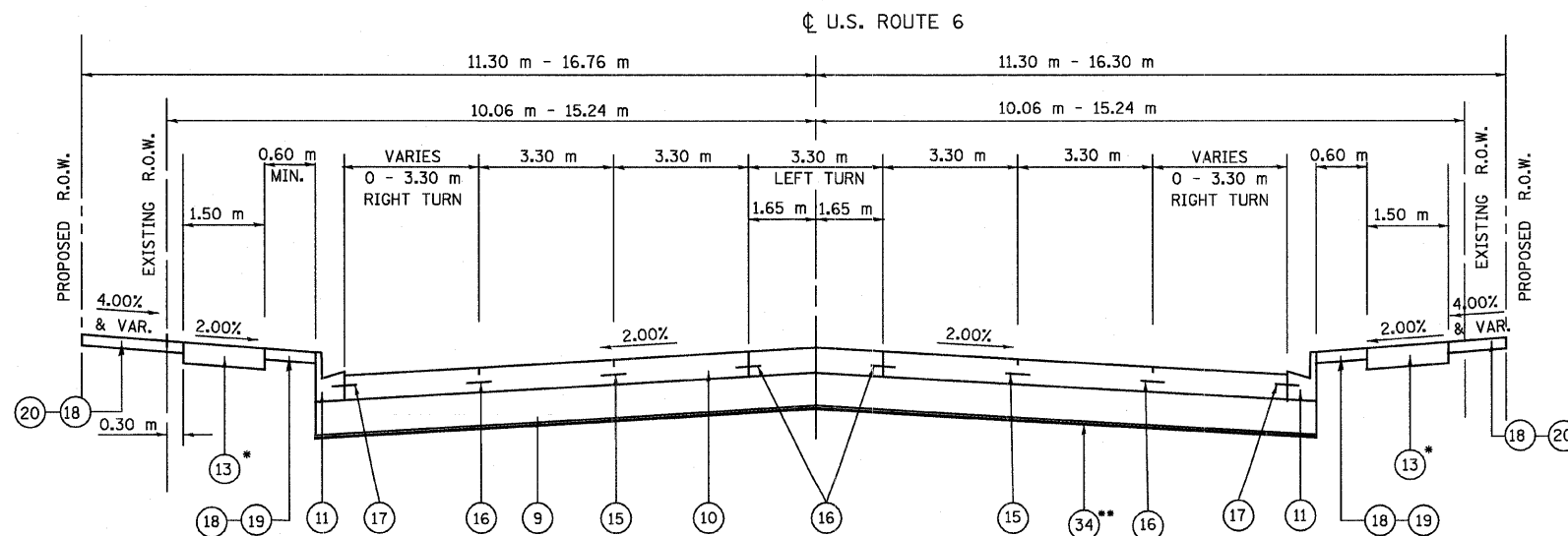


US ROUTE 6 (159TH STREET)
 STA. 0+463.500 - STA. 0+989.828

HOT-MIX ASPHALT MIXTURE REQUIREMENTS

MIXTURE	MIX TYPE	THICKNESS	AC TYPE	AIR VOIDS
SIDESTREETS				
HOT-MIX ASPHALT PAVEMENT (FULL-DEPTH), 250MM (CONSISTS OF)				
HOT-MIX ASPHALT SURFACE COURSE, MIX "C", N50	IL-9.5	50 mm	PG 64 -22	4% @ 50 GYR.
HOT-MIX ASPHALT BINDER COURSE, IL-19.0, N50	IL-19.0	200 mm	PG 64 -22*	4% @ 50 GYR.
DRIVEWAYS				
HOT-MIX ASPHALT PAVEMENT (CONSISTS OF)				
HOT-MIX ASPHALT SURFACE COURSE, MIX "C", N50	IL-9.5	50 mm	PG 64 -22	4% @ 50 GYR.
HOT-MIX ASPHALT BINDER COURSE, IL-19.0, N50	IL-19.0	150 mm (PE) 200 mm (CE)	PG 64 -22 *	4% @ 50 GYR.
PAVEMENT PATCHING, 150MM (CONSISTS OF)				
HOT-MIX ASPHALT BINDER COURSE, IL-19.0, N50	IL-19.0	150 mm	PG 64 -22 *	4% @ 50 GYR.
PAVEMENT PATCHING, 250MM (CONSISTS OF)				
HOT-MIX ASPHALT BINDER COURSE, IL-19.0, N50	IL-19.0	250 mm	PG 64 -22 *	4% @ 50 GYR.
TEMPORARY PAVEMENT (CONSISTS OF)				
HOT-MIX ASPHALT PAVEMENT (CONSISTS OF)				
HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N50	IL-9.5	50 mm	PG 64 -22	4% @ 50 GYR.
HOT-MIX ASPHALT BINDER COURSE, IL-19.0, N50	IL-19.0	300 mm	PG 64 -22 *	4% @ 50 GYR.
TEMPORARY SIDEWALK (CONSISTS OF)				
HOT-MIX ASPHALT BINDER COURSE, IL-19.0, N50	IL-9.5	100 mm	PG 64 -22	4% @ 50 GYR.
BUTT JOINT				
HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N70				
LEVELING BINDER (MACHINE METHOD), N70	IL-9.5	38 mm 19 mm (MIN.)	PG 64 -22	4% @ 70 GYR. 4% @ 70 GYR.

THE UNIT WEIGHT USED TO CALCULATE ALL HMA SURFACE MIXTURE QUANTITIES IS 112 LBS/SQ YD/IN.
 * WHEN RAP EXCEEDS 20%, THE NEW ASPHALT BINDER IN THE MIX SHALL BE PG 58 -22.



US ROUTE 6 (159TH STREET)
 STA. 0+989.828 - STA. 2+618.960

* EAST FROM DIXIE HIGHWAY
 ** STA. 1+980 TO STA. 2+075 (UNDERCUT AND PLACE POROUS GRANULAR EMBANKMENT, SUBGRADE TO ELEVATION 184.5 OR AS DIRECTED BY THE ENGINEER)

LEGEND - PROPOSED

- 9 AGGREGATE SUBGRADE, 300 mm
- 10 PORTLAND CONCRETE CEMENT PAVEMENT 260 mm (JOINTED)
- 11 COMBINATION CONCRETE CURB AND GUTTER, TYPE B-15.60
- 13 PORTLAND CEMENT CONCRETE SIDEWALK 125 mm
- 15 SAWED LONGITUDINAL JOINT WITH 750 mm DEFORMED EPOXY-COATED No. 20 TIE BARS @ 750mm CTS.
- 16 LONGITUDINAL CONSTRUCTION JOINT WITH 600 mm GROUTED IN PLACE DEFORMED EPOXY-COATED No. 25 TIE BARS @ 600 mm CTS.
- 17 600 mm DEFORMED EPOXY-COATED No. 20 TIE BARS @ 600 mm CTS.
- 18 TOPSOIL, 100 mm
- 19 SODDING, SALT TOLERANT
- 20 SEEDING, CLASS 2A
- 34 GEOTECHNICAL FABRIC FOR GROUND STABILIZATION

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION
 US RTE 6 FROM I-294 TO IL RTE 1
 PROPOSED TYPICAL SECTIONS
 U. S. ROUTE 6 (159TH STREET)
 STA. 0+463.500 - STA. 2+618.960
 DATE 01/28/09
 DRAWN BY YAP
 CHECKED BY NAP