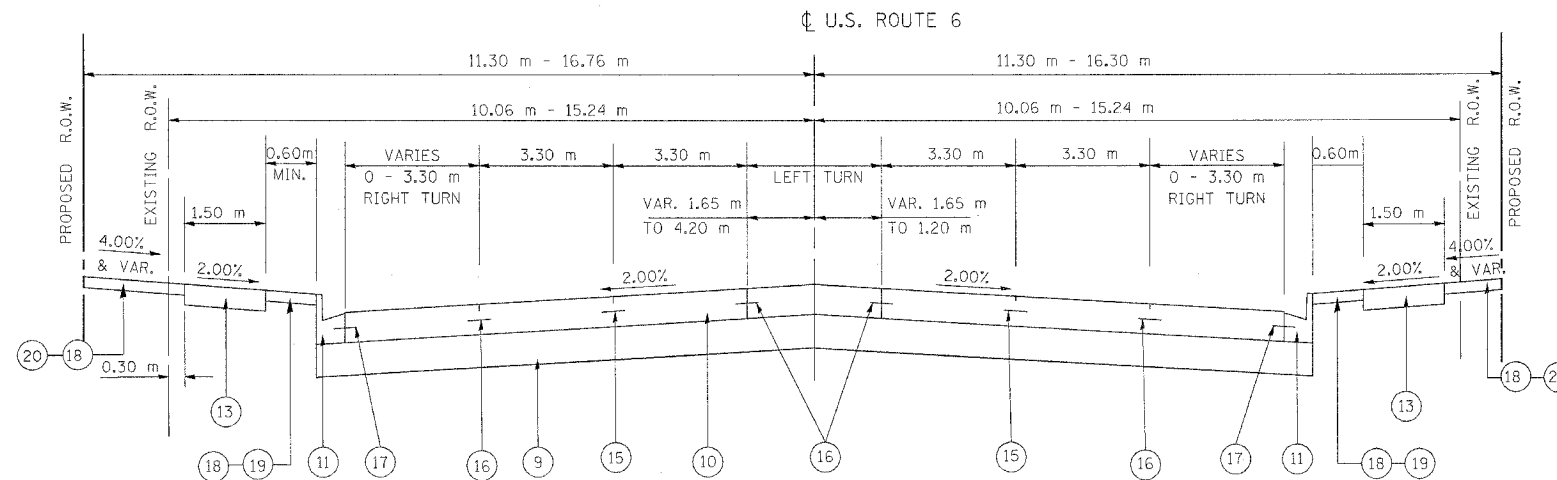


F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
351	2008-001VB	COOK	579	26
STA.	TO STA.			
FED. ROAD DIST. NO.	ILLINOIS FED. AID PROJECT			
CONTRACT NO. 60E10				

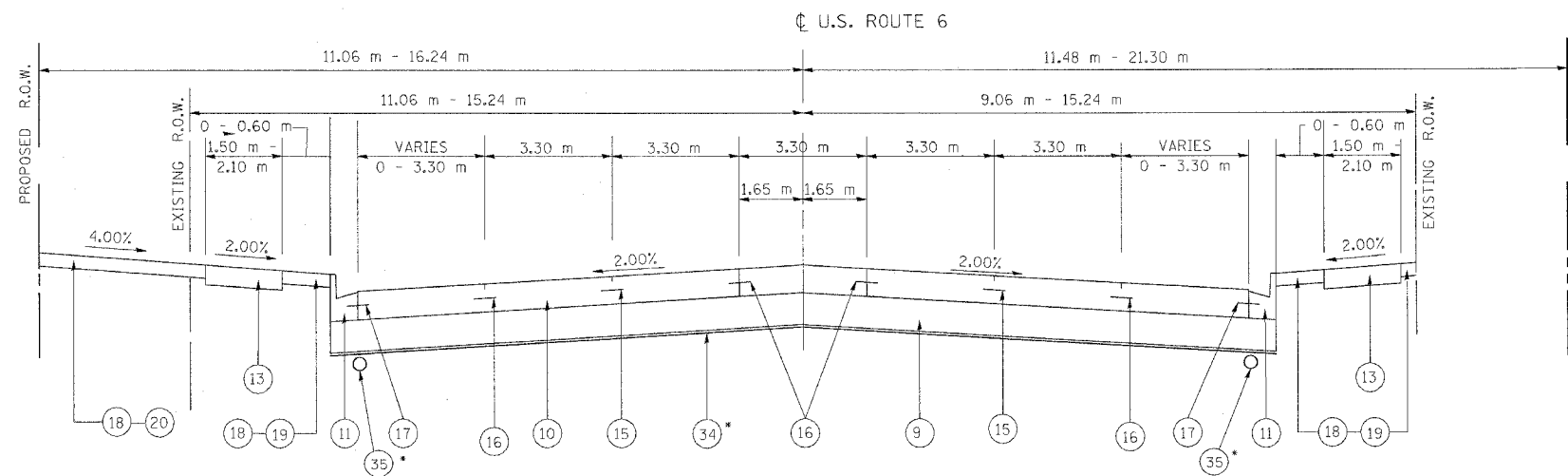


US ROUTE 6 (159TH STREET)
STA. 2+682.050 - STA. 2+769.519

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)

MIXTURE TYPE	MIX TYPE	AC TYPE	AIR VOIDS	USAGE
HOT-MIX ASPHALT BASE COURSE (HMA BINDER COURSE, IL-19.0, N50)	IL-19.0	PG 64-22 *	4% @ 50 GYR.	DRIVEWAY BASE CSE, SIDESTREET BASE CSE
LEVELING BINDER (MACHINE METHOD), N50	IL-9.5	PG 64-22 / PG 58-22	4% @ 50 GYR.	SIDESTREET LEVELING BINDER
HOT-MIX ASPHALT BINDER COURSE, IL-19.0, N50	IL-19.0	PG 58-22 *	4% @ 50 GYR.	SIDESTREET BINDER CSE
HOT-MIX ASPHALT SURFACE COURSE, MIX "C", N50	IL-9.5	PG 64-22	4% @ 50 GYR.	SIDESTREET SURFACE CSE, DRIVEWAY SURFACE CSE
LEVELING BINDER (MACHINE METHOD), N70	IL-9.5	PG 64-22	4% @ 70 GYR.	MAINLINE BUTT JOINT (AS NEEDED)
POLYMERIZED HOT-MIX ASPHALT SURFACE COURSE, MIX "F", N90	IL-9.5	SBS/SBR PG 76-22	4% @ 90 GYR.	MAINLINE BUTT JOINTS

THE UNIT WEIGHT USED TO CALCULATE ALL HOT-MIX ASPHALT 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. 2+969.878 - STA. 3+100.720

* STA. 2+969.878 TO STA. 3+000.000

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. 19 TIE BARS @ 750mm CTS.
- 16 LONGITUDINAL CONSTRUCTION JOINT WITH 600 mm GROUTED IN PLACE DEFORMED EPOXY-COATED No. 19 TIE BARS @ 600 mm CTS.
- 17 600 mm DEFORMED EPOXY-COATED No. 19 TIE BARS @ 600 mm CTS.
- 18 TOPSOIL, 100 mm
- 19 SODDING, SALT TOLERANT
- 20 SEEDING, CLASS 2A
- 34 FILTER FABRIC
- 35 PIPE UNDERDRAINS 100 mm

NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION
 US RTE 6 FROM LEXINGTON AVE TO FISK AVE
 PROPOSED TYPICAL SECTIONS
 U. S. ROUTE 6 (159TH STREET)
 STA. 2+682.050 - STA. 3+100.720
 DATE 02/21/08
 DRAWN BY VAP
 CHECKED BY NAP