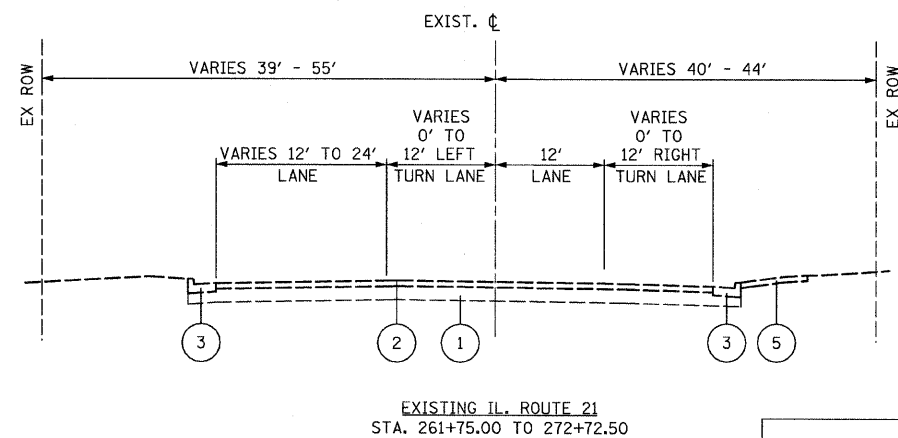


3 NOTE: STA. 252+25.00 TO STA. 261+75.00

6 NOTE: 2' TO 8' SHLDR., STA. 242+35.70 TO STA. 252+25.00



ILLINOIS ROUTE 21

STRUCTURAL DESIGN TRAFFIC: YEAR 2012
 PV = 93% SU = 1.0% MU = 6.0%
 ROAD/STREET CLASSIFICATION: CLASS 1
 PERCENT OF STRUCTURAL DESIGN TRAFFIC IN DESIGN LANE:
 P = 32% S = 45% M = 45%
 TRAFFIC FACTOR: ACTUAL TF = 11.96 AC TYPE = NA
 MINIMUM TF = 6.03

LEGEND

- 1 EXISTING PCC PAVEMENT, VARIES 6" TO 10"
- 2 EXISTING HMA OVERLAY, VARIES 3" TO 9"
- 3 EXISTING COMB. CONC. CURB AND GUTTER
- 4 EXISTING AGGREGATE SHOULDER
- 5 EXISTING SIDEWALK
- 6 EXISTING HMA SHOULDER
- 7A PROP. RETAINING WALL WITH PARAPET
- 7B PROP. RETAINING WALL WITH RAILING
- 8 PROP. PCC PAVEMENT 9 3/4" (JOINTED)
- 8A PROP. STABILIZED SUBBASE, 4 1/2"
- 9 PROP. AGGREGATE SUBGRADE, 12" (SPECIAL) WITH GEOTECHNICAL FABRIC FOR GROUND STABILIZATION (REFER TO TABLE BELOW FOR DEPTHS AND LIMITS OF ADDITIONAL SUBGRADE TREATMENTS)
- 10 PROP. B-6.24 COMB. CONC. CURB AND GUTTER
- 11 PROP. B-6.24 COMB. CONC. CURB AND GUTTER (SPECIAL) SEE DETAIL BELOW LEFT.
- 12 PROP. B-6.12 COMB. CONC. CURB AND GUTTER
- 13 PROP. CONC. SIDEWALK 5" (SEE PLANS FOR LOCATION)
- 14 PROP. CONC. MEDIAN SURFACE 4"
- 15 PROP. FURNISHING AND PLACING TOPSOIL, 4"
- 16 PROP. SODDING (SALT TOLERANT)
- 17 PROP. SEEDING AND EROSION CONTROL BLANKET
- 18 PROP. M2.12 COMB. CONC. CURB AND GUTTER
- 19 PROP. CONCRETE MEDIAN, TYPE SM2.12
- 19A PROP. CONCRETE MEDIAN, TYPE SB6.24
- 20 CONSTRUCTION JOINT WITH NO.6 DEFORMED TIE BAR (EPOXY COATED), 24" LONG @ 24" CENTERS, GROUT IN PLACE. INCLUDED IN THE COST OF CURB & GUTTER OR CONCRETE MEDIAN TYPE SM2.12 (SPECIAL).
- 21 CONSTRUCTION JOINT WITH NO. 8 DEFORMED TIE BAR (EPOXY COATED), 24" LONG @ 24" CENTERS, GROUT IN PLACE (INCLUDED IN THE COST OF PCC PAVEMENT).
- 22 SAWED LONGITUDINAL JOINT WITH NO. 6 DEFORMED TIE BAR (EPOXY COATED) 30" LONG @ 30" (TYPICAL) CENTERS (INCLUDED IN THE COST OF PCC PAVEMENT).
- 23 PROP. PCC SHOULDER, 9 3/4"

POROUS GRANULAR EMBANKMENT, SUBGRADE WITH GEOTECHNICAL FABRIC FOR GROUND STABILIZATION				
ALIGNMENT	BEGIN STA.	END STA.	ADDITIONAL DEPTH	WIDTH
ILLINOIS ROUTE 21	197+50.00	199+50.00	12"	5' TO 35' RT
	228+00.00	230+00.00	6"	5' TO 35' RT
	237+00.00	239+00.00	6"	ENTIRE PAVEMENT
	239+00.00	245+00.00	12"	ENTIRE PAVEMENT
	248+50.00	254+00.00	12"	ENTIRE PAVEMENT
	260+50.00	263+50.00	12"	ENTIRE PAVEMENT
	263+50.00	267+00.00	6"	ENTIRE PAVEMENT
	269+70.00	275+50.00	12"	ENTIRE PAVEMENT
	275+50.00	279+00.00	6"	ENTIRE PAVEMENT
ILLINOIS ROUTE 137	282+50.00	291+15.00	12"	ENTIRE PAVEMENT
ILLINOIS ROUTE 137	451+00.00	453+00.00	12"	ENTIRE PAVEMENT