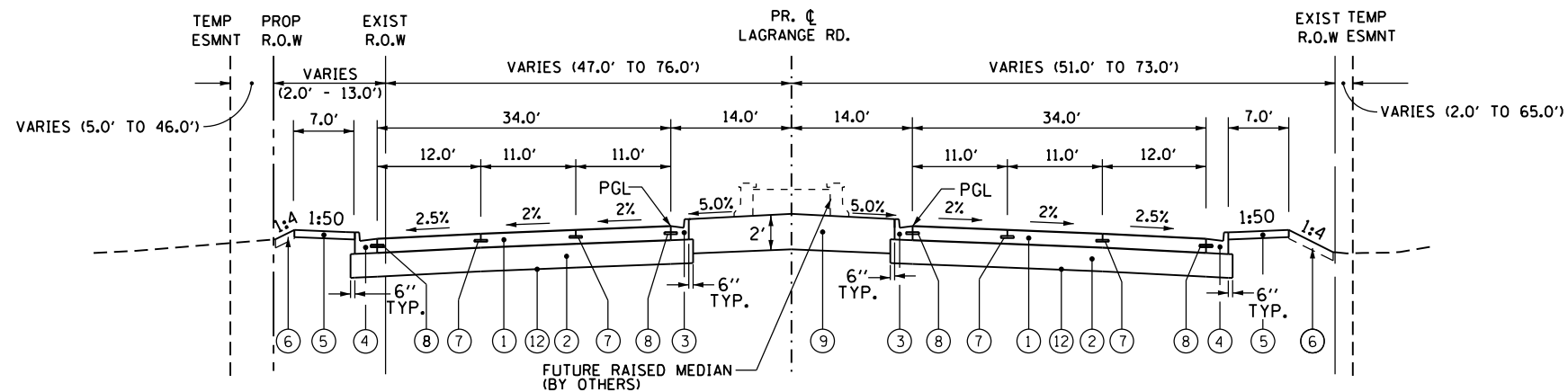
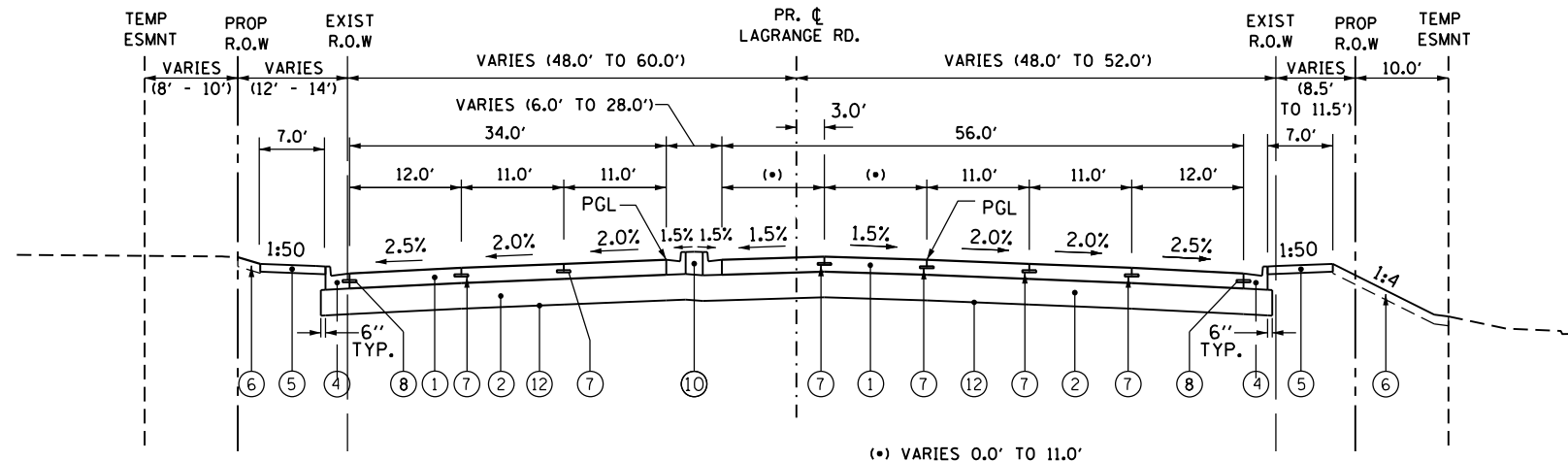


EXISTING TYPICAL SECTION - US ROUTE 45 (LAGRANGE ROAD)
STA. 170+90 TO STA. 272+48.67



PROPOSED TYPICAL SECTION - US ROUTE 45 (LAGRANGE ROAD)

NOTE: 23'-2" WIDE LANDSCAPE MEDIAN
STA. 183+30.07 TO STA. 184+94.13
STA. 193+92.00 TO STA. 196+53.00
STA. 227+75.00 TO STA. 230+59.00
STA. 240+65.00 TO STA. 243+95.00
STA. 253+43.00 TO STA. 260+61.00



**PROPOSED TYPICAL SECTION - LAGRANGE ROAD
DUAL LEFT-TURN LANES**

US 45 @ 151ST STREET - NORTHBOUND & SOUTHBOUND

NOTE: CONCRETE MEDIAN, TYPE SB-6.18
FROM STA. 214+04.00 TO STA. 221+31.91 (WIDTH VARIES)
FROM STA. 222+78.93 TO STA. 225+56.99 (WIDTH VARIES)
FROM STA. 271+66.68 TO STA. 274+10.14 (WIDTH VARIES)

EXISTING LEGEND

- (A) EXISTING CONCRETE PAVEMENT, 8" AND VARIES
- (B) EXISTING SUBBASE, 6" AND VARIES
- (C) EXISTING CURB AND GUTTER, TYPE B-6.24
- (D) EXISTING CONCRETE CURB AND GUTTER TYPE M-6.12
- (E) EXISTING SIDEWALK
- (F) PARKWAY (GRASS AREA)
- (G) EXISTING CONCRETE MEDIAN
- (H) EXISTING HOT-MIX ASPHALT PAVEMENT, VARIABLE DEPTH
- (I) EXISTING SUBBASE, VARIABLE DEPTH
- (J) EXISTING AGGREGATE SHOULDER
- (K) EXISTING CURB AND GUTTER, TYPE B-6.12

PROPOSED TYPICAL SECTION LEGEND

- (1) PORTLAND CEMENT CONCRETE PAVEMENT, 10" (JOINTED)
- (2) AGGREGATE SUBGRADE IMPROVEMENT 12"
- (3) COMBINATION CONCRETE CURB AND GUTTER TYPE B-6.18 (MODIFIED)
- (4) COMBINATION CONCRETE CURB AND GUTTER TYPE B-6.24
- (5) PORTLAND CEMENT CONCRETE SIDEWALK, 5"
- (6) TOPSOIL AND SOD OR SEED (SALT TOLERANT), SEE LANDSCAPING PLANS
- (7) LONGITUDINAL CONSTRUCTION JOINT GROUDED IN PLACE, NO. 8 TIE BAR AT 24" LONG, DEFORMED (EPOXY COATED) AT 24" CTS. (INCLUDED IN THE COST OF THE PROPOSED PAVEMENT)
- (8) NO. 8 TIE BAR AT 24" LONG, DEFORMED (EPOXY COATED) AT 24" CTS. (INCLUDED IN THE COST OF THE PROPOSED CURB AND GUTTER)
- (9) LANDSCAPE MEDIAN, WIDTH VARIES (SEE LANDSCAPING PLANS FOR LOCATIONS AND DETAILS)
- (10) CONCRETE MEDIAN, TYPE SB-6.18
- (11) HOT-MIX ASPHALT PAVEMENT, 12 1/2" (FULL DEPTH)
HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N70 2"
HOT-MIX ASPHALT BINDER COURSE, IL-19.0, N70 10 1/2" (IN 4 LIFTS)
- (12) GEOTECHNICAL FABRIC
- (13) DRILL & GROUT NO. 8 TIE BARS AT 24" CTS. (INCLUDED IN THE COST OF PROPOSED PAVEMENT)
- (14) HOT-MIX ASPHALT SHOULDERS, 8"
- (15) SUBBASE GRANULAR MATERIAL, TYPE C

STRUCTURAL DESIGN TRAFFIC:	Year <u>2040</u>
PV= <u>52,133</u>	SU= <u>2,833</u> MU= <u>1,700</u>
ROAD/STREET CLASSIFICATION:	Class <u>I</u>
PERCENT OF STRUCTURAL DESIGN TRAFFIC IN DESIGN LANE:	
P= <u>8.0%</u>	S= <u>37%</u> M = <u>37%</u>
TRAFFIC FACTOR:	Actual TF = <u>17.68</u> AC Type= <u>20</u>
	Minimum TF = <u>7.44</u>
PG GRADE: Binder= <u>N/A</u>	Surface= <u>N/A</u>
SUBGRADE SUPPORT RATING:	
SSR = <u>POOR</u>	(Sta. <u>179th</u> to <u>131st</u>)
SSR = _____	(Sta. _____ to _____)

100 S. WACKER DR.
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 CHICAGO, IL 60606
 TEL (312) 939-1000
 FAX (312) 939-4998
URS

FILE NAME = D160M61-SHT-TYPICAL01.dgn	USER NAME = Anthony.Plutz	DESIGNED - BA	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	EXISTING AND PROPOSED TYPICAL SECTIONS US 45 (LAGRANGE ROAD)	F.A.P. RTE. 330	SECTION 103R-4	COUNTY COOK	TOTAL SHEETS 877	SHEET NO. 27	
PLOT SCALE = 20.0000' / in.	CHECKED - MJT	REVISIED -	REVISIED -			TS-01		CONTRACT NO. 60M61			
PLOT DATE = 3/14/2013	DATE - 03/13/2013	REVISIED -	REVISIED -			ILLINOIS FED. AID PROJECT					
SHT.PLAN						SCALE: N.T.S.	SHEET 1 OF 7 SHEETS	STA.	TO STA.		