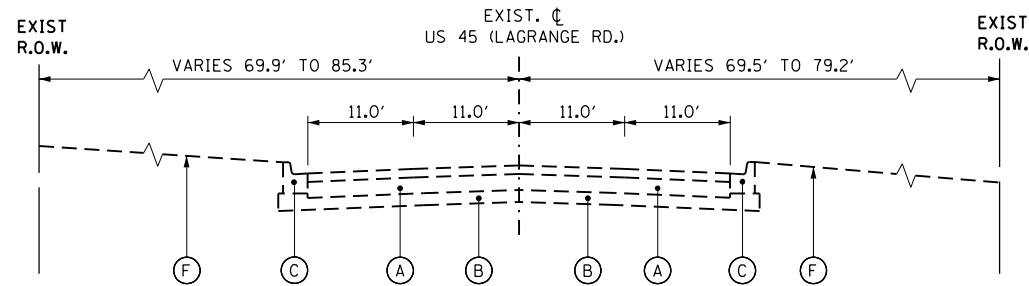


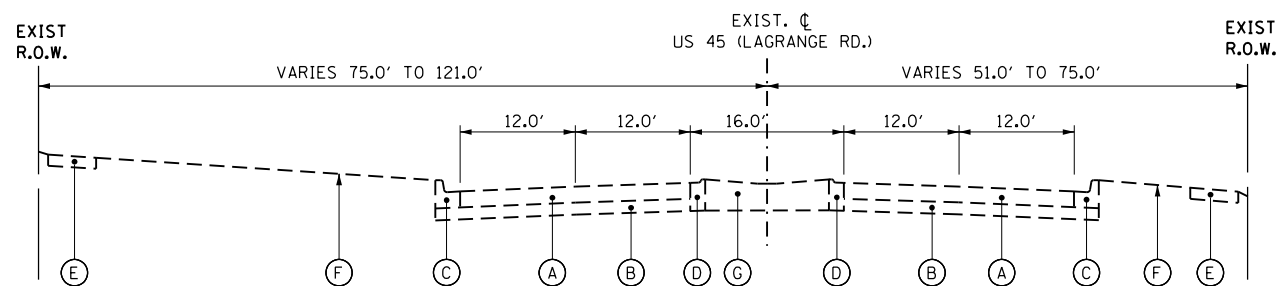
EXISTING TYPICAL SECTION - US ROUTE 45 (LAGRANGE ROAD)

STA. 286+21.62 TO STA. 288+75.19



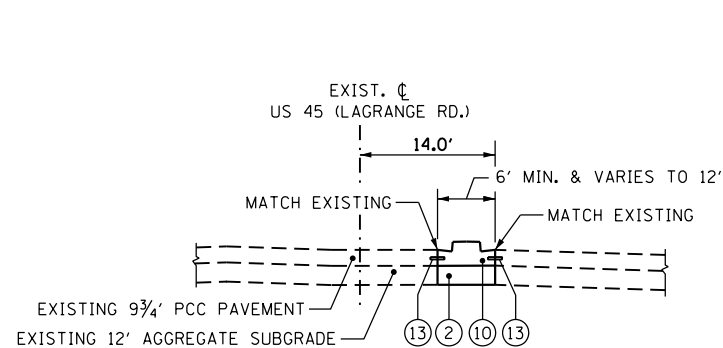
EXISTING TYPICAL SECTION WITH OVERLAY - US ROUTE 45 (LAGRANGE ROAD)

STA. 288+75.19 TO STA. 292+83.99



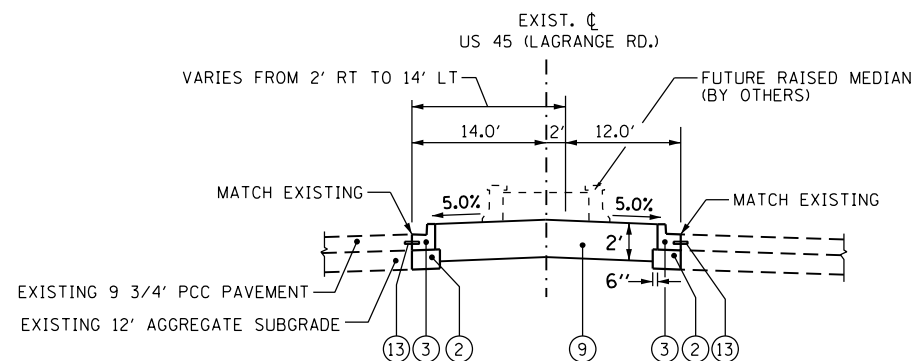
EXISTING TYPICAL SECTION - US ROUTE 45 (LAGRANGE ROAD)

STA. 292+83.99 TO STA. 380+63.19



US ROUTE 45 (LAGRANGE ROAD) - MEDIAN RECONSTRUCTION

STA. 286+21.62 TO STA. 287+00.57



US ROUTE 45 (LAGRANGE ROAD) - MEDIAN RECONSTRUCTION

STA. 287+00.57 TO STA. 288+75.19

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 STABILIZED MEDIAN SURFACE, 12"
- (L) EXISTING CONCRETE CURB AND GUTTER TYPE M-2.12

PROPOSED 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 GROUTED IN PLACE, NO. 6 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 NOTE AND LANDSCAPING PLANS FOR DETAILS)
- (10) CONCRETE MEDIAN, TYPE SB-6.18
- (11) HOT-MIX ASPHALT PAVEMENT, 11 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 CONCRETE MEDIAN, TYPE SB-6.18 OR COMB. CONCRETE C&G TYPE B-6.18 (MOD.))
- (14) HOT-MIX ASPHALT SHOULDERS, 8" (IN 2 LIFTS)
- (15) SUBBASE GRANULAR MATERIAL, TYPE C
- (16) HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N50 (2")
- (17) AGGREGATE BASE COURSE, TYPE B 8"
- (18) LEVELING BINDER (MACHINE METHOD), N70 (3/4" MINIMUM)
- (19) COMBINATION CONCRETE CURB AND GUTTER TYPE B-6.12
- (20) HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N70 (2")
- (21) POLYMERIZED HOT-MIX ASPHALT SURFACE COURSE, MIX "F", N90 (2")
- (22) HOT-MIX ASPHALT BASE COURSE (WIDTH GREATER THAN 6') or
HOT-MIX ASPHALT BASE COURSE WIDENING (WIDTH LESS THAN 6')
HOT-MIX ASPHALT BINDER COURSE, IL-19.0, N90 (11 1/4") (IN 4 LIFTS) (US45)
HOT-MIX ASPHALT BINDER COURSE, IL-19.0, N70 (10 1/2") (IN 4 LIFTS) (SIDE STREETS)
- (23) STRIP REFLECTIVE CRACK CONTROL TREATMENT

STRUCTURAL DESIGN TRAFFIC: Year <u>2030</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 to 131st</u>)
SSR = _____	(Sta. _____ to _____)

100 S. WACKER DR.
 CHICAGO, IL 60606
 TEL (312) 935-1000
 FAX (312) 935-4998
URS

FILE NAME = D160M62-SHT-TYPICAL01.dgn	USER NAME = Anthony.Plutz	DESIGNED - BA	REVISED -
		DRAWN - BA	REVISED -
		CHECKED -	REVISED -
SHT.PLAN	PLOT DATE = 3/12/2013	DATE - 03/13/13	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

EXISTING AND PROPOSED TYPICAL SECTIONS US RTE. 45 (LAGRANGE ROAD)		F.A.P. RTE. 330	SECTION 103R-5	COUNTY COOK	TOTAL SHEETS 778	SHEET NO. 31
SCALE: N.T.S.		SHEET 1 OF 7 SHEETS		STA. TO STA.	CONTRACT NO. 60M62	
		TS-01		ILLINOIS FED. AID PROJECT		