

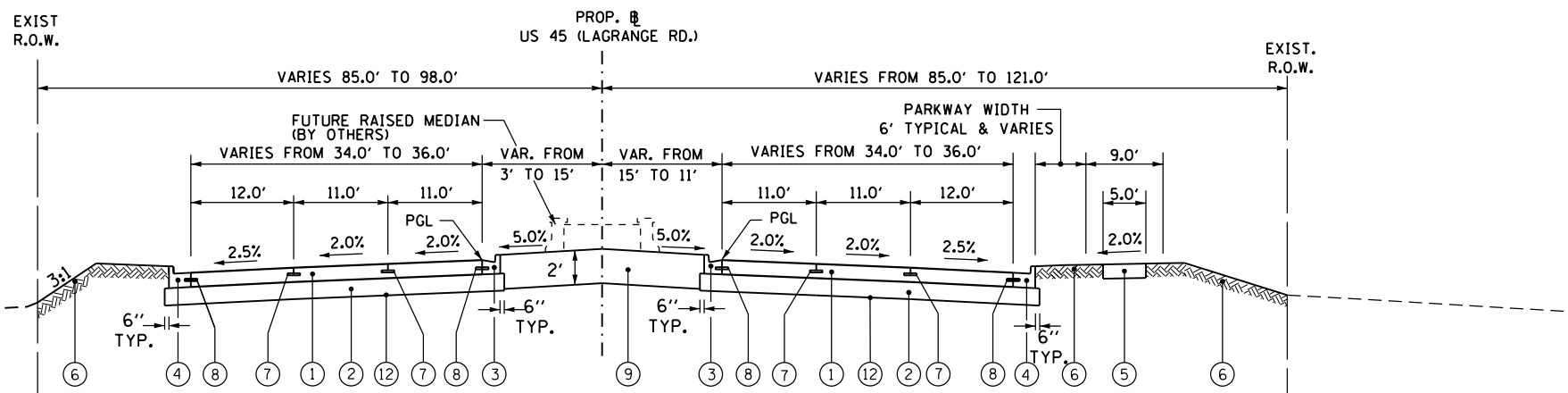
**EXISTING TYPICAL SECTION - LAGRANGE ROAD
NORTH OF 179TH ST. TO NORTH OF 171ST ST.
STA. 36+08.40 TO STA. 95+00.00**

EXISTING LEGEND

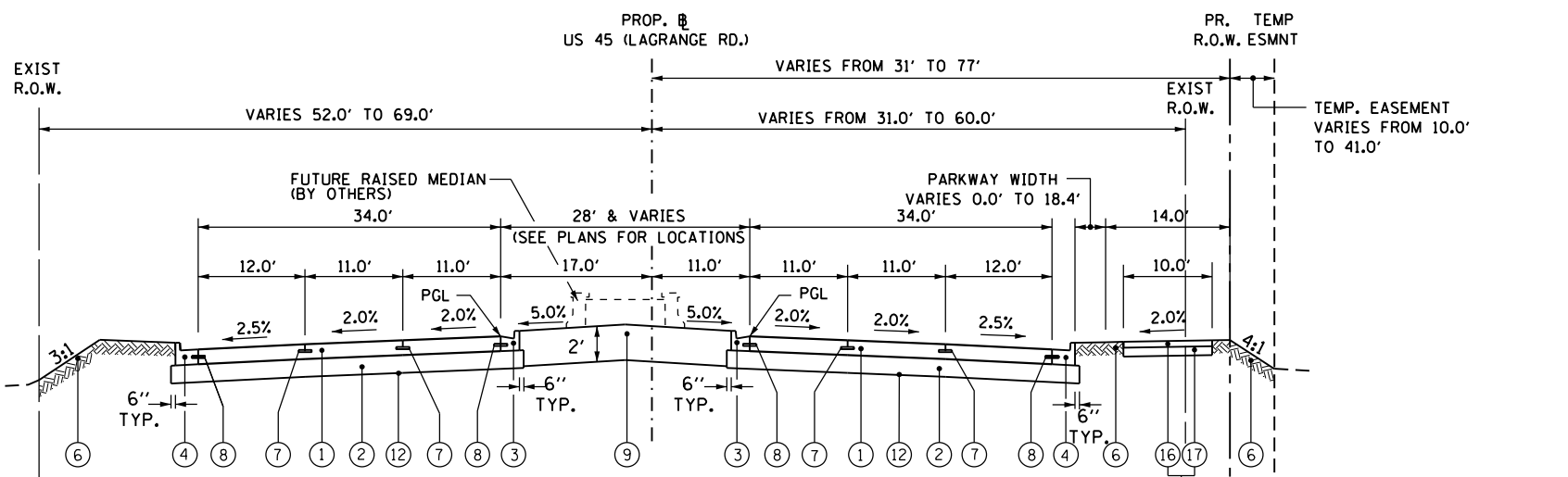
- (A) EXISTING CONCRETE PAVEMENT, 8" AND VARIES
- (B) EXISTING SUBBASE, 6" AND VARIES
- (C) EXISTING CURB AND GUTTER, TYPE B-6.24
- (D) EXISTING CONCRETE CURB AND GUTTER TYPE M-6.12
- (E) EXISTING SIDEWALK
- (F) PARKWAY (GRASS AREA)
- (G) EXISTING CONCRETE MEDIAN
- (H) EXISTING HOT-MIX ASPHALT PAVEMENT, VARIABLE DEPTH
- (I) EXISTING SUBBASE, VARIABLE DEPTH
- (J) EXISTING CURB AND GUTTER, TYPE B-6.12
- (K) EXISTING CONCRETE PAVEMENT, 10"
- (L) EXISTING AGGREGATE SUBGRADE, 12"
- (M) EXISTING CONCRETE CURB & GUTTER TYPE B-6.18

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. 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 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 PCC PAVEMENT)
- (14) HOT-MIX ASPHALT BASE COURSE WIDENING (HMA BINDER, IL-19 mm) 10 1/2"
- (15) STRIP REFLECTIVE CRACK CONTROL TREATMENT
- (16) HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N50 2"
- (17) AGGREGATE BASE COURSE, TYPE B 6"
- (18) LEVELING BINDER (MACHINE METHOD), N70, 3/4" MINIMUM
- (19) CONCRETE MEDIAN, TYPE SB-6.12
- (20) HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N70 2"
- (21) AGGREGATE SHOULDERS, TYPE B 6"



**PROPOSED TYPICAL SECTION - US ROUTE 45 (LAGRANGE ROAD)
STA. 36+08.40 TO STA. 46+14.40**



**PROPOSED TYPICAL SECTION - US ROUTE 45 (LAGRANGE ROAD)
STA. 46+14.40 TO STA. 95+00**

(5) SEE PLANS FOR LOCATION AND WIDTH

STRUCTURAL DESIGN TRAFFIC:	Year	2030
	PV=	52,133
	SU=	2,833
	MU=	1,700
ROAD/STREET CLASSIFICATION:	Class	I
PERCENT OF STRUCTURAL DESIGN TRAFFIC IN DESIGN LANE:		
	P=	8.0%
	S=	37%
	M=	37%
TRAFFIC FACTOR:	Actual TF =	17.68
	AC Type=	20
	Minimum TF =	7.44
PG GRADE:	Binder=	N/A
	Surface=	N/A
SUBGRADE SUPPORT RATING:		
	SSR =	POOR (Sta. 179th to 131st)
	SSR =	(Sta. _____ to _____)

100 S. WACKER DR.
 10TH FLOOR
 CHICAGO, IL 60606
 TEL (312) 939-1000
 FAX (312) 939-4998
URS

FILE NAME =	USER NAME = Anthony.Plutz	DESIGNED - BA	REVISED -
D160F05-SHT-TYPICAL02.dgn		DRAWN - BA	REVISED -
	PLOT SCALE = 20.0001" / in.	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)**

SCALE: N.T.S. SHEET 2 OF 8 SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
330	103R-3	COOK	932	38
TS-02			CONTRACT NO. 60F05	
ILLINOIS FED. AID PROJECT				