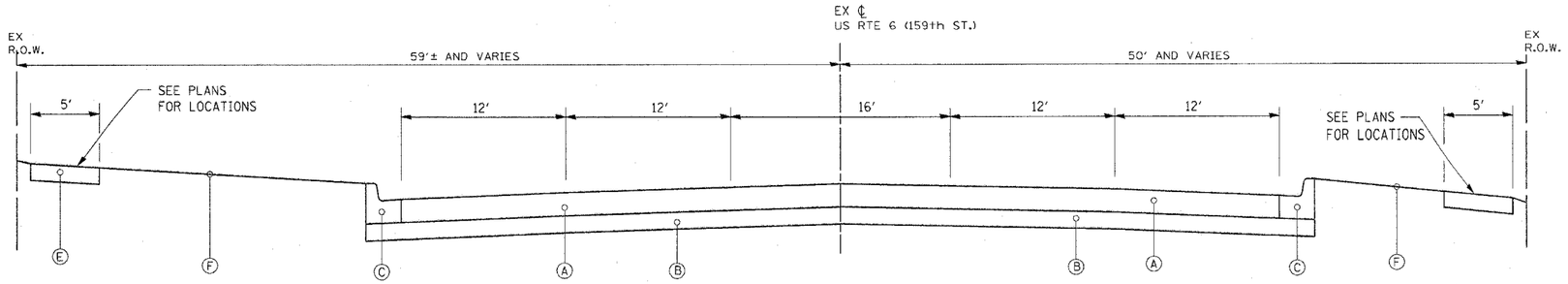
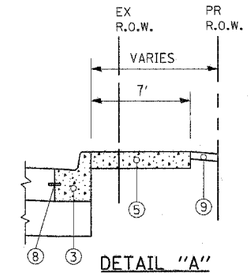
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
351	537 R-1	COOK	245	17
STA. _____		TO STA._____		
FED. ROAD DIST. NO. _	ILLINOIS	FED. AID PROJECT		

CONTRACT # 62880



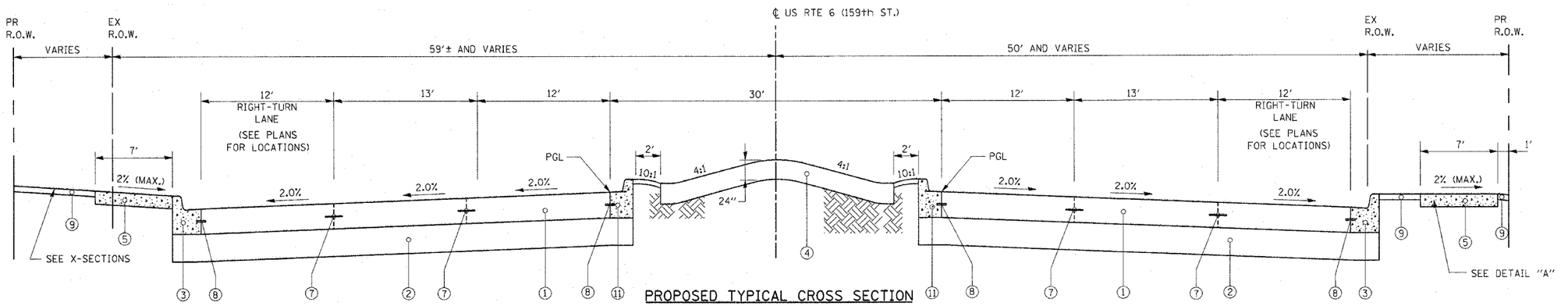
EXISTING TYPICAL CROSS SECTION

U.S. ROUTE 6 (159TH STREET)



DETAIL "A"

SIDEWALK AT BACK OF CURB



PROPOSED TYPICAL CROSS SECTION

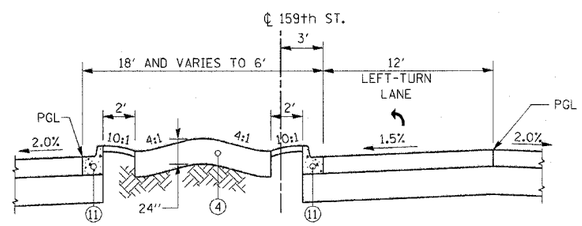
U.S. ROUTE 6 (159TH STREET)
STA 421+18.46 TO STA 447+53.93

EXISTING LEGEND

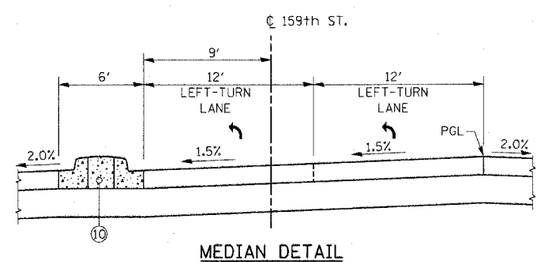
- (A) EXISTING CONCRETE PAVEMENT, 8"
- (B) EXISTING SUBBASE, 6"
- (C) EXISTING CURB AND GUTTER, TYPE B-6.24
- (D) EXISTING CONCRETE CURB & GUTTER TYPE M-6.12
- (E) EXISTING SIDEWALK
- (F) PARKWAY (GRASS AREA)
- (G) EXISTING CONCRETE MEDIAN

PROPOSED LEGEND

- (1) PORTLAND CEMENT PAVEMENT (JOINTED), 10"
- (2) AGGREGATE SUBGRADE, 12"
- (3) COMBINATION CONCRETE CURB AND GUTTER, TYPE B6.24
- (4) LANDSCAPING (SEE LANDSCAPING PLANS FOR DETAILS)
- (5) PORTLAND CONCRETE CEMENT SIDEWALK, 5"
- (6) NOT USED
- (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. 6 TIE BAR AT 24" LONG, DEFORMED (EPOXY COATED) AT 24" CTS. (INCLUDED IN THE COST OF THE PROPOSED CURB AND GUTTER)
- (9) TOPSOIL AND SOD OR SEED (SALT TOLERANT, SEE LANDSCAPING SHEETS)
- (10) CONCRETE MEDIAN, TYPE SB-6.18
- (11) COMBINATION CONCRETE CURB AND GUTTER, TYPE B6.18



LANDSCAPE MEDIAN DETAIL AT SINGLE LEFT TURN LANE



MEDIAN DETAIL AT DUAL LEFT TURN LANES

(SEE DISTRICT STANDARD 606301-02)

STRUCTURAL DESIGN TRAFFIC: Year 2015

PV= 49,943 SU= 1,629 MU= 2,714

ROAD/STREET CLASSIFICATION: Class I

PERCENT OF STRUCTURAL DESIGN TRAFFIC IN DESIGN LANE:

P= 8.0% S= 37% M= 37%

TRAFFIC FACTOR: Actual TF = 15.73%

Minimum TF = 4.95%

P.C.C. PAVEMENT - JOINTED = 10 Inch

SUBGRADE SUPPORT RATING:

SSR = POOR

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION
US RTE 6 (159TH ST) AT US RTE 45 (LAGRANGE RD)

US RTE 6 (159TH STREET)
TYPICAL SECTIONS

SCALE: N.T.S. DRAWN BY: JPW
DATE: 7-07-06 CHECKED BY: RCH

McDonough Associates Inc.
Engineers / Architects

2 Rev. 11-1-06

TS-3

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