

F.A.U.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2832	00-00218-00-FP	COOK	108	9
STA	TO STA			
FED. ROAD DIST. NO. 7 ILLINOIS FED. AID PROJECT				

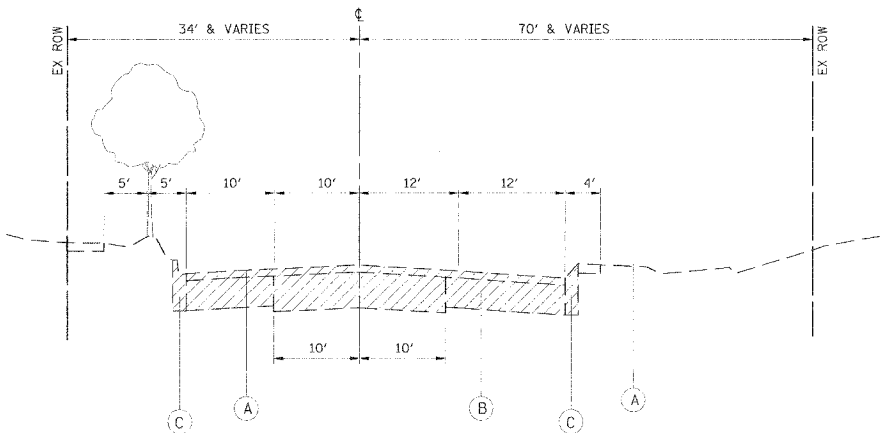
CONTRACT NO. 83773

EXISTING LEGEND

- (A) BITUMINOUS CONCRETE BINDER AND SURFACE COURSES, 3'-4" AND VARIES
- (B) PORTLAND CEMENT CONCRETE PAVEMENT 8" (INSIDE LANES) 10" (OUTSIDE LANES)
- (C) COMBINATION CONCRETE CURB & GUTTER TYPE B-6.12
- (D) COMBINATION CONCRETE CURB & GUTTER TYPE B-6.24
- (E) AGGREGATE PATH
- (F) GROUND LINE
- (G) PORTLAND CEMENT CONCRETE SIDEWALK
- (H) BITUMINOUS SURFACE REMOVAL 4"
- (I) PORTLAND CEMENT CONCRETE BASE COURSE, 10"

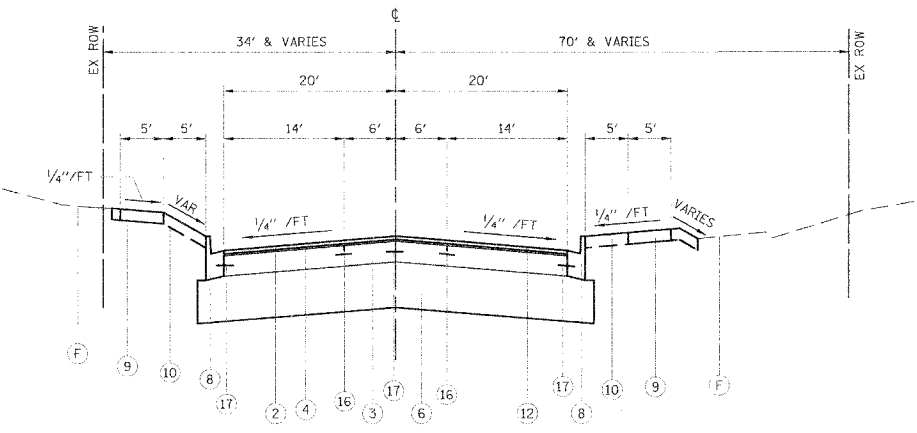
PROPOSED LEGEND

- (1) EXISTING PAVEMENT TO REMAIN
- (2) BITUMINOUS CONCRETE SURFACE COURSE, SUPERPAVE, MIX "D", N70, 1 1/2"
- (3) PORTLAND CEMENT CONCRETE BASE COURSE, 9"
- (4) POLYMERIZED LEVELING BINDER (MACHINE METHOD), SUPERPAVE, IL-4.75, N50, 3/4"
- (5) BITUMINOUS CONCRETE BINDER COURSE, SUPERPAVE, IL-19.0, N70 2 1/2"
- (6) AGGREGATE SUBGRADE 12"
- (7) COMBINATION CONCRETE CURB & GUTTER, TYPE B-6.24
- (8) COMBINATION CONCRETE CURB & GUTTER, TYPE B-6.18
- (9) PORTLAND CEMENT CONCRETE SIDEWALK, 5"
- (10) TOPSOIL FURNISH AND PLACE, 4" SODDING, SALT TOLERANT NITROGEN FERTILIZER NUTRIENT POTASSIUM FERTILIZER NUTRIENT PHOSPHOROUS FERTILIZER NUTRIENT
- (11) LIMESTONE TRAIL SCREENINGS, 2" AGGREGATE BASE COURSE, TY B, 6"
- (12) BITUMINOUS MATERIALS (PRIME COAT)
- (13) AGGREGATE (PRIME COAT)
- (14) NOT USED
- (15) NOT USED
- (16) LONGITUDINAL SAWED JOINT (NO. 6 X 30" EPOXY COATED TIE BARS @ 30" CTS)
- (17) LONGITUDINAL CONSTRUCTION JOINT TIE BAR FORMED IN PLACE (NO. 6 X 30" EPOXY COATED TIE BARS @ 24" CTS)
- (18) LONGITUDINAL CONSTRUCTION JOINT TIE BAR GROUTED IN PLACE (NO. 6 X 24" EPOXY COATED TIE BARS @ 24" CTS)



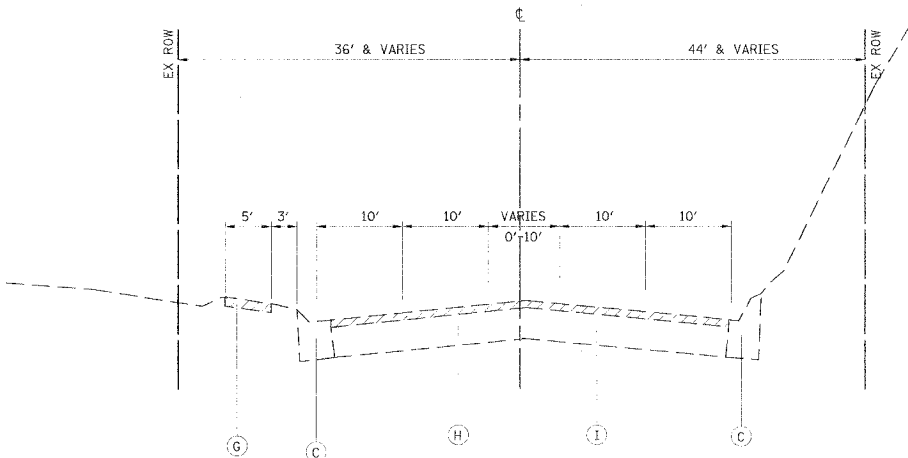
EXISTING TYPICAL SECTION

McCORMICK BOULEVARD
STATION 58+17.00 TO 60+32.05



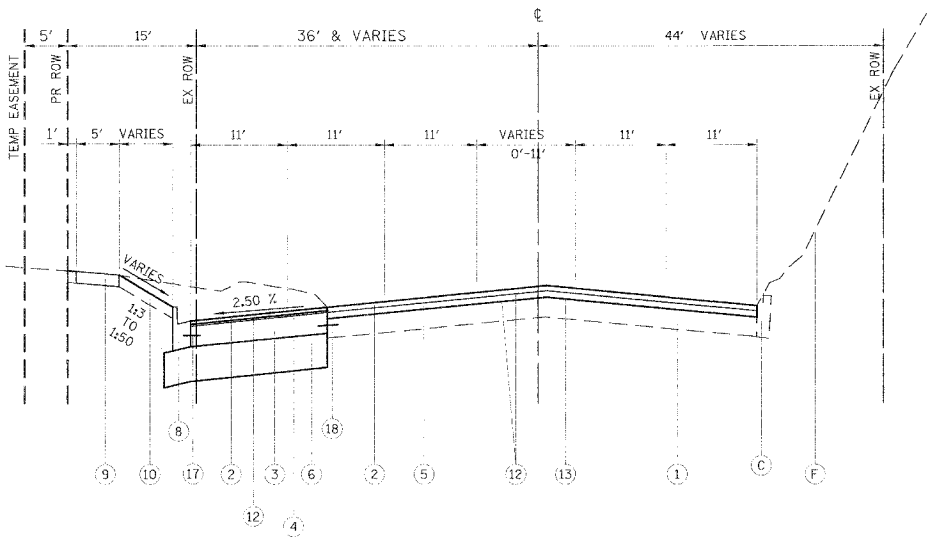
PROPOSED TYPICAL SECTION

McCORMICK BOULEVARD
STATION 58+17.00 TO 60+32.05



EXISTING TYPICAL SECTION

GREEN BAY ROAD
STATION 3+73.52 TO 10+52.84



PROPOSED TYPICAL SECTION

GREEN BAY ROAD
STATION 3+73.52 TO 10+52.84

McCORMICK BOULEVARD

STRUCTURAL DESIGN TRAFFIC: YEAR 2015

PV = 12526 SU = 0 MU = 522

ROAD/STREET CLASSIFICATION: CLASS 1

PERCENT OF DESIGN TRAFFIC IN DESIGN LANE:

P = 50% S = 50% M = 50%

TRAFFIC FACTOR: Actual TF = 3.65
Minimum TF = None

SUBGRADE SUPPORT RATING/IBR:

SSR = P00R IBR: 1.9

COMPOSITE PAVEMENT STRUCTURAL NUMBER:

SNc = 3.85

SUPERPAVE SURFACE COURSE THICKNESS = 2.25"
PCC BASE COURSE THICKNESS = 9"

BITUMINOUS MIXTURE REQUIREMENT

PAY ITEM	AC TYPE	VOIDS	MAX RAP %
BITUMINOUS BASE COURSE, SUPERPAVE, 6"-8"	PG 58-22	2% @ 50 GYR	50
POLYMERIZED LEVELING BINDER (MM) SUPERPAVE, IL-4.75, N50	SBS/SBR PG 76-28	2.5% @ 50 GYR	0
BITUMINOUS CONCRETE SURFACE COURSE, SUPERPAVE, MIX C, N50	PG 64-22	4% @ 50 GYR	15
BITUMINOUS CONCRETE SURFACE COURSE, SUPERPAVE, MIX D, N70	PG 64-22	4% @ 70 GYR	10
BITUMINOUS CONCRETE BINDER COURSE, SUPERPAVE, IL-19, N70	PG 64-22	4% @ 70 GYR	15

- DESIGNERS USED A UNIT WEIGHT OF 112#/50.YD. /INCH FOR ALL BITUMINOUS ITEMS
- SEE DRIVEWAY DETAILS (SHEETS 54 & 55)

REVISIONS		ILLINOIS DEPARTMENT OF TRANSPORTATION	
NAME	DATE	TYPICAL SECTIONS McCORMICK BOULEVARD GREEN BAY ROAD	
CEC/PAS	5/23/05		
CEC/PAS	9/06/05		
CEC/PAS	12/02/05		
		NO SCALE	
		DATE 9/03/04 DRAWN BY GEW CHECKED BY PAS	

TYPICAL SHT