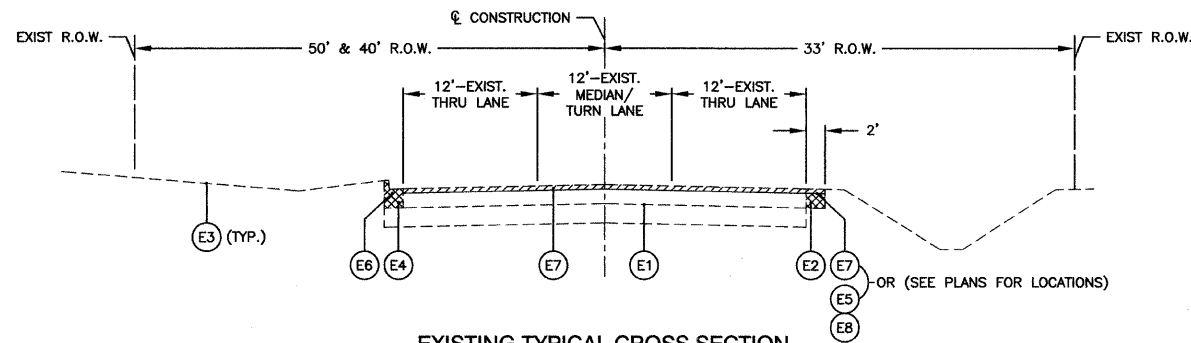
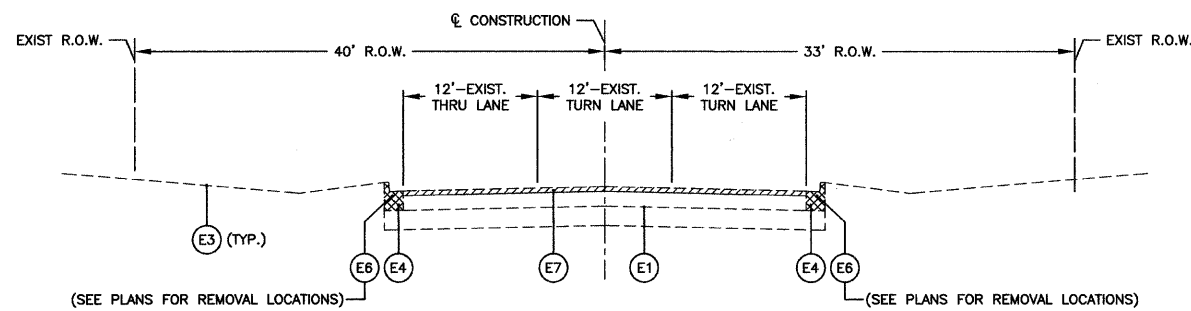


**EXISTING TYPICAL CROSS SECTION**  
Chicago Heights-Glenwood Road  
STA 8+55.95 TO STA 9+06.60 &  
STA 10+55.80 TO STA 10+75.70



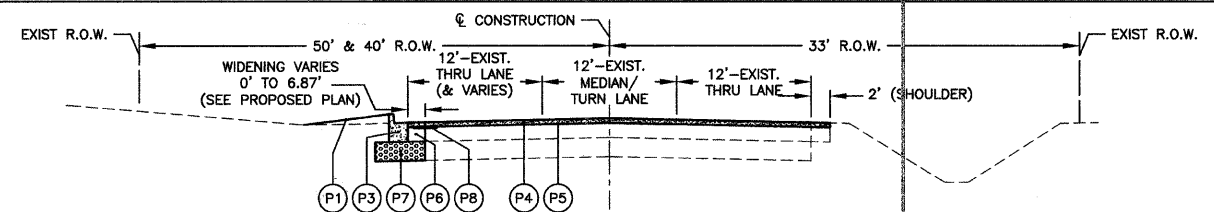
**EXISTING TYPICAL CROSS SECTION**  
Chicago Heights-Glenwood Road  
STA 9+06.60 TO STA 10+55.80



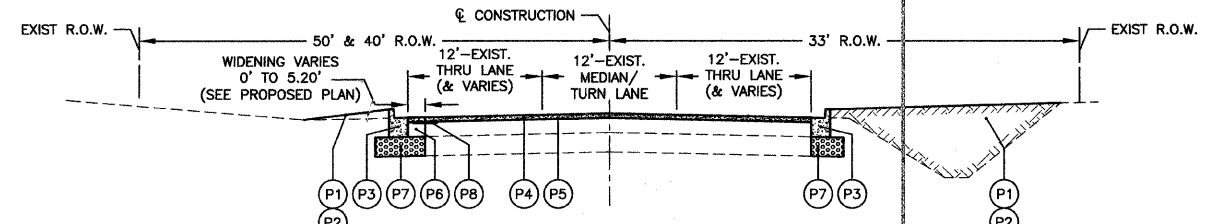
**EXISTING TYPICAL CROSS SECTION**  
Holbrook Road  
STA 47+67.50 TO STA 50+00

**LEGEND (EXISTING)**

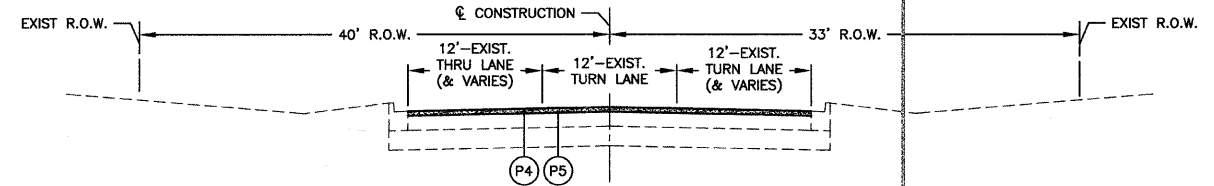
- (E1) EXISTING H.M.A. PAVEMENT STRUCTURE
- (E2) EXISTING H.M.A. SHOULDER
- (E3) EXISTING TURF
- (E4) EXISTING B-6.24 CURB & GUTTER
- (E5) FULL DEPTH PAVEMENT REMOVAL
- (E6) COMBINATION CONCRETE CURB & GUTTER REMOVAL
- (E7) HOT-MIX ASPHALT SURFACE REMOVAL, 2"
- (E8) SAWCUT FULL DEPTH



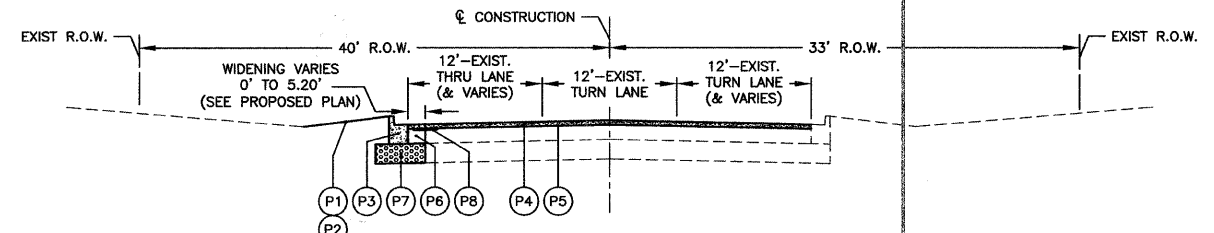
**PROPOSED TYPICAL CROSS SECTION**  
Chicago Heights-Glenwood Road  
STA 8+55.95 TO STA 9+37.35



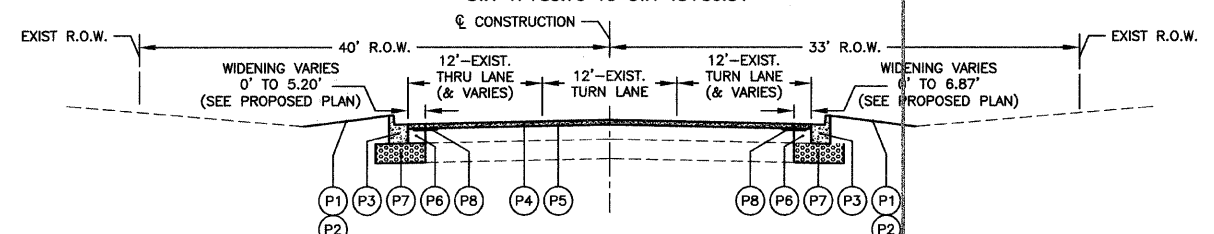
**PROPOSED TYPICAL CROSS SECTION**  
Chicago Heights-Glenwood Road  
STA 9+37.35 TO STA 10+75.75



**PROPOSED TYPICAL CROSS SECTION**  
Holbrook Road  
STA 47+67.50 TO STA 47+83.79



**PROPOSED TYPICAL CROSS SECTION**  
Holbrook Road  
STA 47+83.79 TO STA 48+86.84



**PROPOSED TYPICAL CROSS SECTION**  
Holbrook Road  
STA 48+86.84 TO STA 50+00

**LEGEND (PROPOSED)**

- (P1) TOPSOIL FURNISH & PLACE, 4"
- (P2) SEEDING CLASS 2A (SPECIAL)
- (P3) COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.24
- (P4) HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N70, 2"
- (P5) BITUMINOUS MATERIAL (PRIME COAT)
- (P6) HOT-MIX ASPHALT BASE COURSE WIDENING, 10"
- (P7) AGGREGATE SUBGRADE, 12" (EXTEND 1' BEYOND BACK OF CURB)
- (P8) STRIP REFLECTIVE CRACK CONTROL TREATMENT, 2 FEET WIDE - (FT.)

**EARTHWORK QUANTITIES**

TOTAL CUT	= 187 CY
TOTAL TOPSOIL	= 37 CY
TOTAL AVAILABLE CUT TO FILL	= 150 CY
TOTAL FILL	= 120 CY

**HOT-MIX ASPHALT MIXTURE REQUIREMENTS**

MIXTURE TYPE	AIR VOIDS @ Ndes
PAVEMENT RESURFACING	
HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N70 (9.5mm); 2"	4% @ 70 Gyr.
PAVEMENT WIDENING	
HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N70 (9.5mm); 2"	4% @ 70 Gyr.
HMA BASE COURSE WIDENING (HMA BINDER IL-19 mm); 10"	4% @ 70 Gyr.

- THE UNIT WEIGHT USED TO CALCULATE ALL HMA SURFACE MIXTURE QUANTITIES IS 112 LBS/SQ YD/IN.
- THE "AC TYPE" FOR POLYMERIZED HMA MIXES SHALL BE "SBS/SBR PG 70-22" AND FOR NON-POLYMERIZED HMA THE "AC TYPE" SHALL BE "PG 64-22" UNLESS MODIFIED BY DISTRICT ONE SPECIAL PROVISIONS. FOR "PERCENT OF RAP" SEE DISTRICT ONE SPECIAL PROVISIONS.

FILE NAME = 05587-TYPX-01 - TYPICAL SECT	USER NAME =	DESIGNED = BDB/JRA	REVISED =
		CHECKED = PKB	REVISED =
	PLOT SCALE =	DRAWN = JJB	REVISED =
	PLOT DATE = 10-29-09	CHECKED = JRA	REVISED =

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

CHICAGO HEIGHTS-GLENWOOD ROAD AND HOLBROOK ROAD  
INTERSECTION IMPROVEMENTS  
TYPICAL SECTIONS

F.A.J. RTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
3805	09-00050-00-TL	COOK	31	5
CONTRACT NO. 63320				
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT ARA-9003 (332)				

SCALE: N/A SHEET NO. 5 OF 31 SHEETS STA. TO STA.