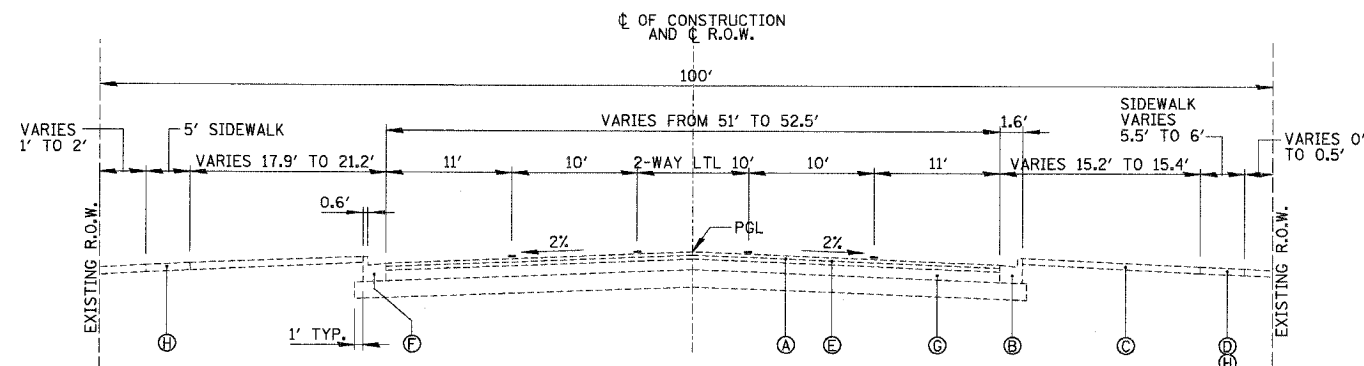
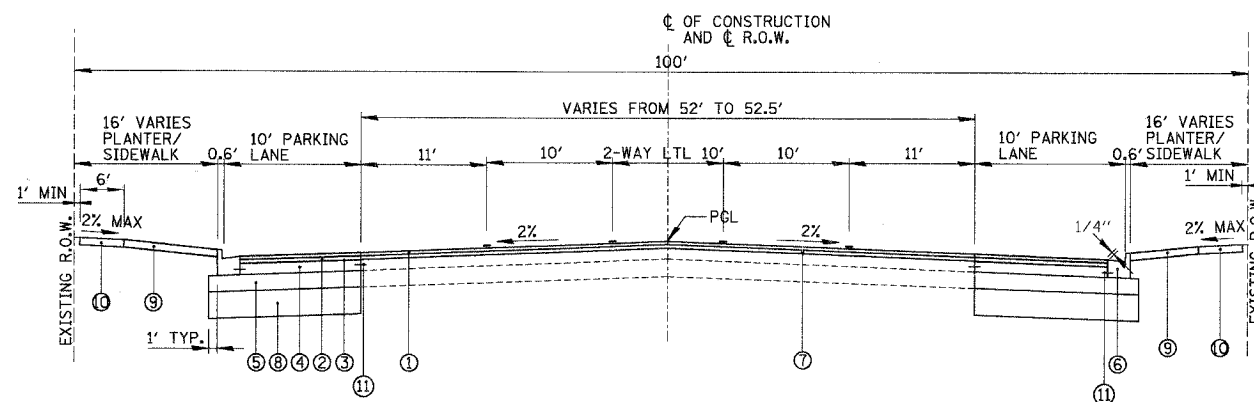


F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1362	06-00047-00-LS	COOK	59	8
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS	FED. AID PROJECT	



**LAWRENCE AVENUE
EXISTING TYPICAL CROSS SECTION
STA. 12 + 57.21 TO STA. 31 + 01.54**



**LAWRENCE AVENUE
PROPOSED TYPICAL CROSS SECTION
STA. 12 + 57.21 TO STA. 31 + 01.54**

LEGEND:

EXISTING:

- (A) EXISTING PAVEMENT (APPROXIMATELY 12")
- (B) EXISTING CURB & GUTTER
- (C) EXISTING GROUND LINE
- (D) EXISTING SIDEWALK
- (E) HOT-MIX ASPHALT SURFACE REMOVAL, 2"
- (F) COMBINATION CURB & GUTTER REMOVAL
- (G) EXISTING PCC BASE COURSE
- (H) SIDEWALK REMOVAL

PROPOSED:

- (1) PROPOSED HOT-MIX ASPHALT SURFACE COURSE, IL-9.5, N70-1 1/2"
- (2) PROPOSED HOT-MIX ASPHALT BINDER COURSE, IL-19.0, N70-2 1/4"
- (3) PROPOSED BITUMINOUS MATERIALS (PRIME COAT)
- (4) PROPOSED PORTLAND CEMENT CONCRETE BASE COURSE, 9"
- (5) PROPOSED SUB-BASE GRANULAR MATERIAL, TYPE B, 4"
- (6) PROPOSED COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.12
- (7) PROPOSED POLYMERIZED LEVELING BINDER (MACHINE METHOD), IL-4.75, N50 (3/4" MIN)
- (8) PROPOSED POROUS GRANULAR EMBANKMENT, SUBGRADE UNDERCUTTING (PAID FOR AS REMOVAL AND DISPOSAL OF UNSUITABLE MATERIAL)
- (9) EXPOSED AGGREGATE SURFACE (SPECIAL)
- (10) PORTLAND CEMENT CONCRETE SIDEWALK 5 INCH, SPECIAL
- (11) 18"-NO. 6 DOWEL BARS AT 24" ON CENTER DRILLED INTO PAVEMENT WITH EPOXY GROUT (PAID FOR SEPARATELY FOR WIDENING, BUT NOT INCIDENTAL FOR THE COST OF THE PROPOSED CURB AND GUTTER)

HOT-MIX ASPHALT MIXTURE REQUIREMENTS	AC-TYPE	VOIDS
ROADWAY WIDENING		
HOT-MIX ASPHALT SURFACE COURSE, MIX "D" N70-1 1/2" (IL-9.5 mm)	PG 64-22	4%±70 GYR.
HOT-MIX ASPHALT BINDER COURSE, IL-19.0 N70-2 1/4"	PG 64-22/*	4%±70 GYR.
CLASS D PATCHES, (HMA BINDER IL-19MM) 6" (SPECIAL)	PG 64-22/*	4%±70 GYR.
ROADWAY RESURFACING		
POLYMERIZED LEVELING BINDER (MACHINE METHOD), IL-4.75, N50 (3/4" MIN)	SBS/SBR PG 76-28/-22	4%±50 GYR.
MIXTURE TYPE (DRIVEWAYS)	AC-TYPE	VOIDS
HOT-MIX ASPHALT SURFACE COURSE, MIX "C" N50-1 1/2" (IL-9.5 mm)	PG 64-22	4%±50 GYR.
HOT-MIX ASPHALT BINDER COURSE, IL-19.0 N50-2 1/4"	PG 64-22/*	4%±50 GYR.

NOTES:

1. THE UNIT WEIGHT USED TO CALCULATE ALL HOT-MIX ASPHALT SURFACE MIXTURE QUANTITIES IS 112 LBS/SQ YD/IN
- * WHEN RAP EXCEEDS 20%, THE NEW ASPHALT BINDER IN THE MIX SHALL BE PG 58-22.
2. POROUS GRANULAR EMBANKMENT, SUBGRADE HAS BEEN PROVIDED TO REPLACE SOILS WHICH TEND TO BE UNSTABLE WHEN WET. THE ACTUAL NEED FOR REMOVAL AND REPLACEMENT WITH PGES WILL BE DETERMINED IN THE FIELD AT THE TIME OF CONSTRUCTION BY THE ENGINEER. IF UNSUITABLE SOILS ARE ENCOUNTERED THE SOILS SHALL BE REMOVED AND REPLACED WITH PGES. THE REMOVAL AND REPLACEMENT AREA SHALL EXTEND TO 12 INCHES BEYOND THE CURB AND GUTTER AND COME UP AT A 1:1 SLOPE TO EXISTING GROUND SURFACE. THESE LIMITS MAY BE ALTERED BY THE ENGINEER IF FIELD CONDITIONS SO WARRANT. REMOVAL OF THESE UNSUITABLE SOILS SHALL BE PAID FOR AS "REMOVAL AND DISPOSAL OF UNSUITABLE MATERIAL."
3. ALL CURB AND GUTTER JOINTS SHALL MATCH THE EXISTING PCC BASE COURSE JOINTS.

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION

**LAWRENCE AVENUE
TYPICAL SECTIONS**

SCALE: VERT. 1"=4'
HORIZ. 50'
DATE 10/29/2007

DRAWN BY MH
CHECKED BY LMF