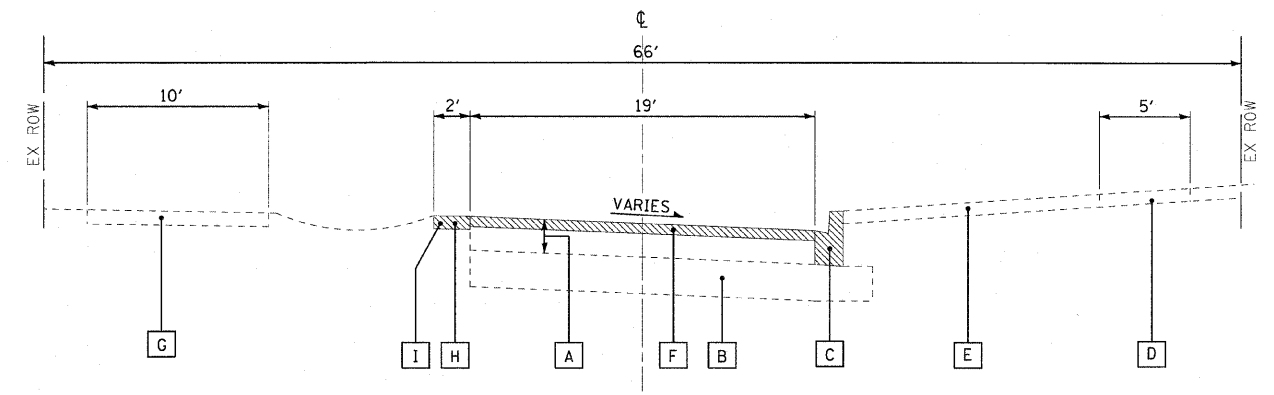
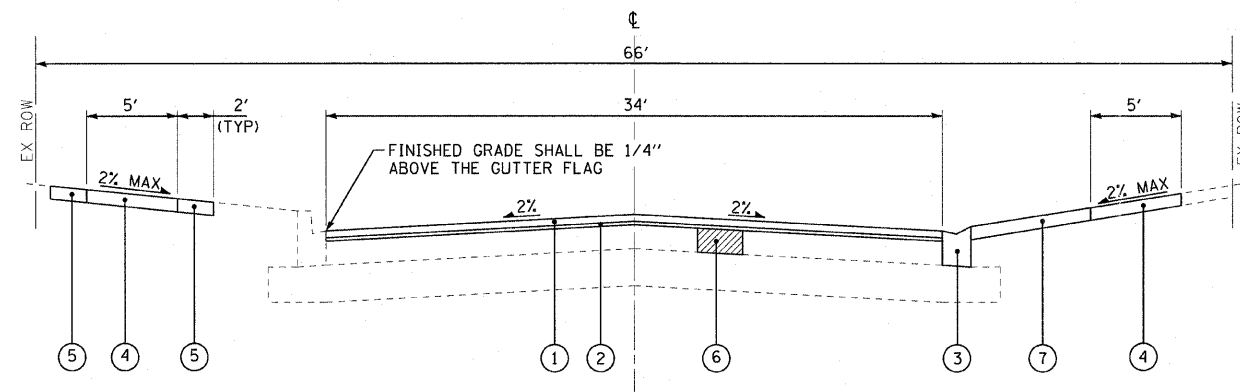


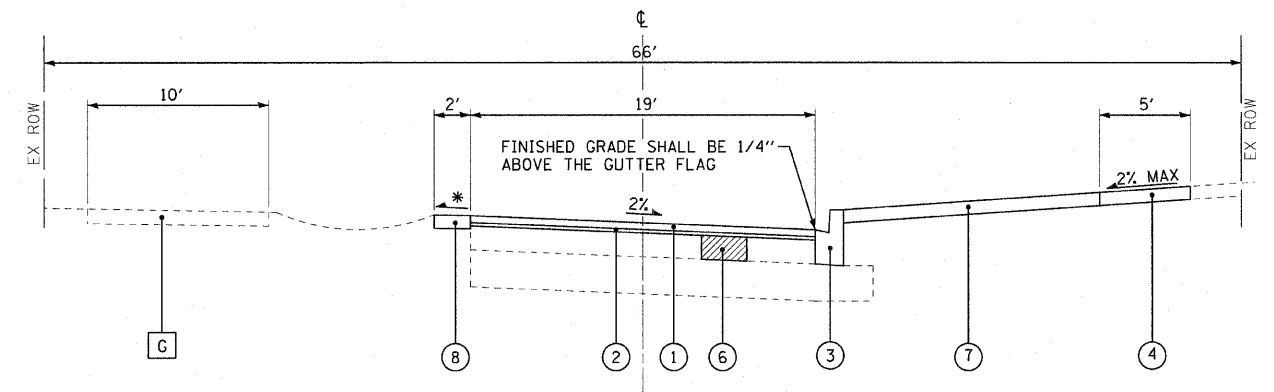
**EXISTING TYPICAL SECTION**  
**POPLAR AVENUE STA 10+50 TO STA 43+61**



**EXISTING TYPICAL SECTION**  
**POPLAR AVENUE STA 43+61 TO STA 58+72**



**PROPOSED TYPICAL SECTION**  
**POPLAR AVENUE STA 10+50 TO STA 43+61**



**PROPOSED TYPICAL SECTION**  
**POPLAR AVENUE STA 43+61 TO STA 58+72**

\* SLOPE VARIES - AS DIRECTED BY THE ENGINEER

**LEGEND**

**EXISTING**

- A HOT-MIX ASPHALT PAVEMENT
- B AGGREGATE BASE COURSE
- C COMBINATION CONCRETE CURB AND GUTTER
- D SIDEWALK
- E DRIVEWAY
- F HOT-MIX ASPHALT SURFACE REMOVAL, 2 1/4"
- G BIKE PATH
- H AGGREGATE SHOULDER
- I GRADING AND SHAPING SHOULDERS

**PROPOSED**

- 1 HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N50 - 1 1/2"
- 2 POLYMERIZED LEVELING BINDER (MACHINE METHOD), N50 - 3/4"
- 3 COMBINATION CONCRETE CURB AND GUTTER REMOVAL AND REPLACEMENT (AS DETERMINED BY THE ENGINEER)
- 4 SIDEWALK REMOVAL  
PCC SIDEWALK, 5-INCH (SPECIAL)  
(AS DETERMINED BY THE ENGINEER)
- 5 PARKWAY RESTORATION
- 6 CLASS D PATCHES - 6" (AS DETERMINED BY THE ENGINEER)
- 7 DRIVEWAY PAVEMENT REMOVAL  
PCC DRIVEWAY PAVEMENT, 6"  
(AS DETERMINED BY THE ENGINEER)  
OR  
HOT-MIX ASPHALT DRIVEWAY PAVEMENT  
REMOVAL AND REPLACEMENT  
(AS DETERMINED BY THE ENGINEER)
- 8 AGGREGATE SHOULDERS, TYPE B

**HOT-MIX ASPHALT MIXTURE REQUIREMENTS**

NOTE: CONTRACTOR SHALL MILL BEFORE PATCHING

ITEM	AIR VOIDS @ Ndes
<b>RESURFACING</b>	
HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N50 (IL-9.5 mm), 1 1/2"	4% @ 50 Gyr
POLYMERIZED LEVELING BINDER (MACHINE METHOD) IL-4.75 mm, N50, 3/4"	3.5% @ 50 Gyr
<b>PATCHING</b>	
CLASS D PATCHES HOT-MIX ASPHALT BINDER IL-19mm, N70, 6" (3 LIFTS)	4% @ 70 Gyr
<b>DRIVEWAY</b>	
HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N50 (IL-9.5 mm), 3" (2 LIFTS)	4% @ 50 Gyr
1. THE UNIT WEIGHT USED TO CALCULATE ALL HOT-MIX ASPHALT SURFACE MIXTURE QUANTITIES IS 112 LBS/SQ YD/IN. 2. 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.	

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 LICENSE NO. 184-00121 - EXPIRES 4/30/2015  
 2/15/2014



DESIGNED - TMS	REVISED -
DRAWN - KAR	REVISED -
CHECKED - JJF	REVISED -
DATE - 12-05-11	FILE - 110805-TypSec.sht

**STATE OF ILLINOIS**  
**DEPARTMENT OF TRANSPORTATION**

**TYPICAL SECTIONS AND**  
**HMA MIXTURE REQUIREMENTS**

SCALE: NONE

STA. TO STA.

F.A.J. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1682	11-00053-00-RS	COOK	15	4
CONTRACT NO. 63691				
FED. ROAD DIST. NO. 1   ILLINOIS   FED. AID PROJECT				