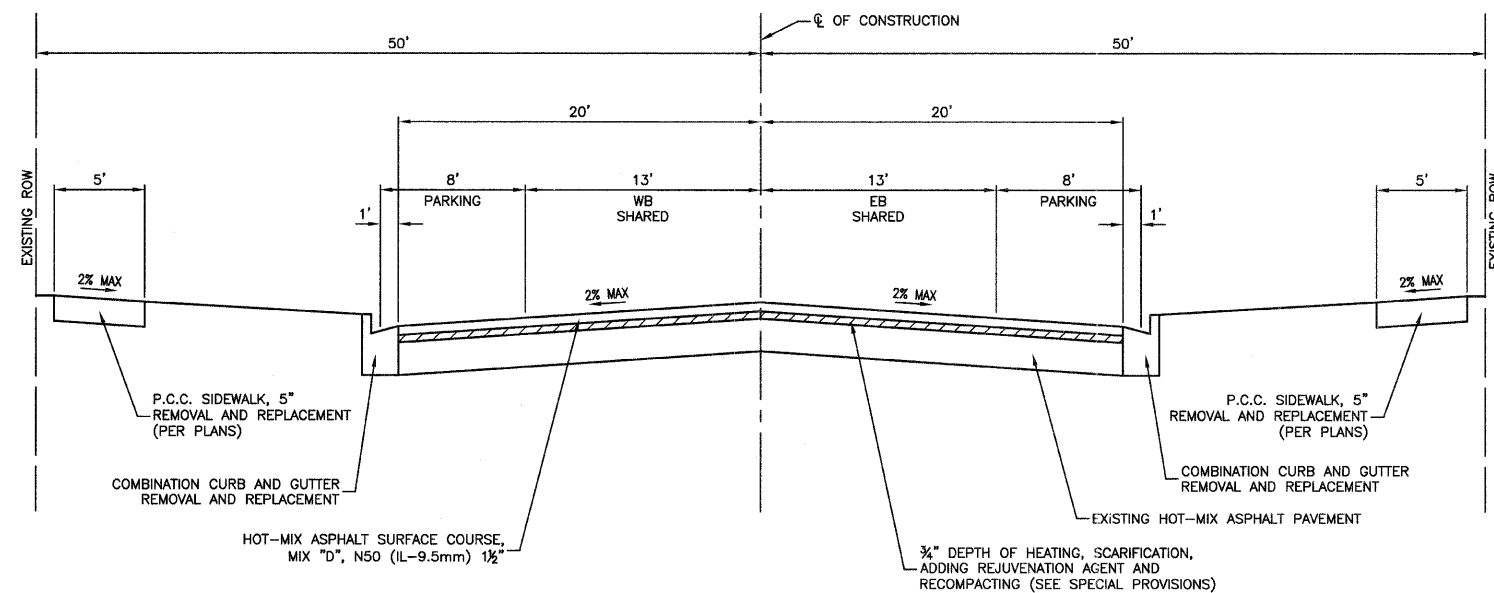


**EXISTING TYPICAL CROSS SECTION**

167TH STREET  
HARLEM AVENUE TO 80TH AVENUE  
STA 51+22.28 TO STA 106+38.48



**PROPOSED TYPICAL CROSS SECTION**

167TH STREET  
HARLEM AVENUE TO 80TH AVENUE  
STA 51+22.28 TO STA 106+38.48

**HOT-MIX ASPHALT MIXTURE REQUIREMENTS**

MIXTURE TYPE	AIR VOIDS @ NDES
<b>RESURFACING</b>	
HOT MIX ASPHALT SURFACE COURSE, MIX "D", N50(IL-9.5mm); 1 1/2"	4% @ 50 Gyr.
LEVELING BINDER (MACHINE METHOD), IL-9.5mm, N50, (3/4")	4% @ 50 Gyr.
<b>DRIVEWAYS</b>	
HOT MIX ASPHALT SURFACE COURSE, MIX "D", N50 (IL-9.5mm); 2"	4% @ 50 Gyr.
HOT MIX ASPHALT BASE COURSE, (HMA BINDER IL-19mm); 6" (IN 3 LIFTS)	4% @ 50 Gyr.
<b>PATCHING</b>	
CLASS D PATCHES, TYPE I, II, III, IV (HMA BINDER IL-19mm), 7" (IN 3 LIFTS)	4% @ 70 Gyr.

**NOTES:**

1. THE UNIT WEIGHT USED TO CALCULATE ALL HOT-MIX ASPHALT SURFACE MIXTURE QUANTITIES IS 112 LBS/SY/IN.
2. THE "AC TYPE" FOR POLYMERIZED HMA MIXES SHALL BE "SBS/SBR PG 76-22" 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.

**NOTES:**

1. AT BOTH AVENUE AND HARLEM AVENUE, WORK SHALL INCLUDE FULL WIDTH HMA SURFACE REMOVAL - 2 1/2" AND REPLACEMENT WITH 3/4" - LEVELING BINDER AND 1 1/2" SURFACE COURSE. CONTRACTOR SHALL PERFORM CLASS C PATCHES - 10" AT THE DIRECTION OF THE ENGINEER BEFORE PLACING NEW HOT-MIX ASPHALT OVER THESE AREAS.
2. SEE SHEETS 4,6 FOR DETAILS.

FILE NAME = 11552-TYPX-01 - TYP01

USER NAME =	DESIGNED - JPH	REVISED -
CHECKED - PKB	CHECKED - PKB	REVISED -
PLOT SCALE =	DRAWN - RG	REVISED -
PLOT DATE = 1-31-12	CHECKED - AG	REVISED -

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

167TH STREET  
ROADWAY RESURFACING  
TYPICAL CROSS SECTIONS

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1609	11-00111-00-RS	COOK	16	3
CONTRACT NO. 63680				
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT M-9003 (919)				

SCALE: NONE SHEET NO. 3 OF 16 SHEETS STA. TO STA.

DESIGNED BY: MICHAEL OWEN  
CHECKED BY: RICHARD BURSEK 01/27/12