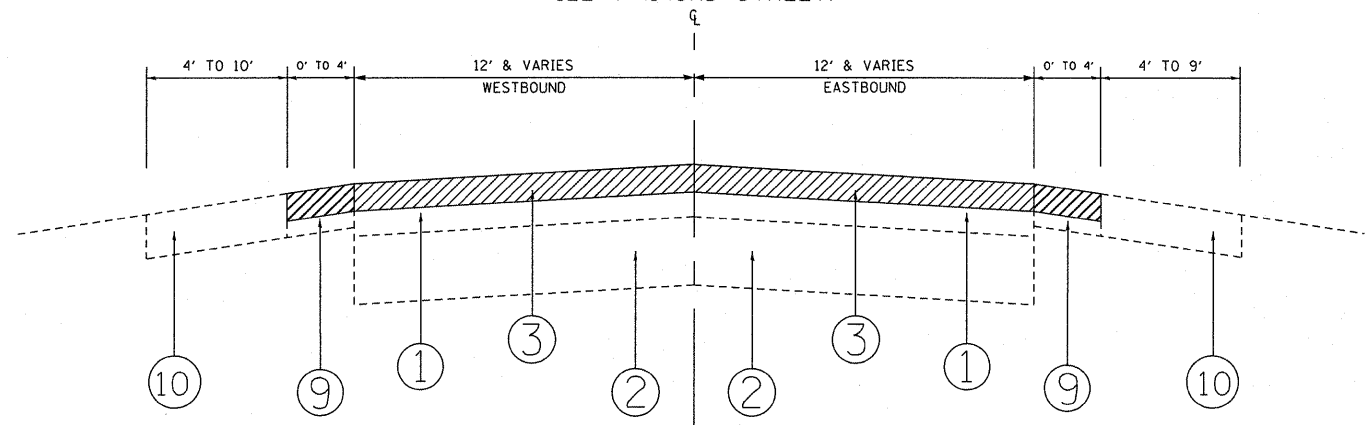
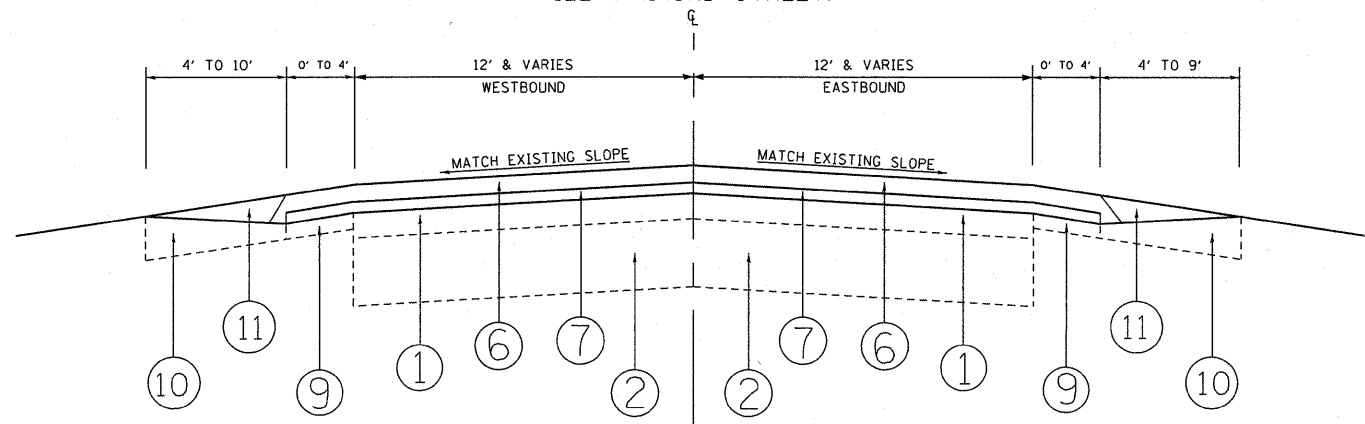


ILL 7 (143RD STREET)



EXISTING TYPICAL SECTION  
STA 61+50 TO STA 88+79

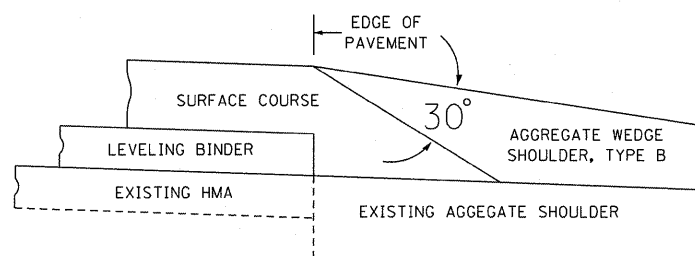
ILL 7 (143RD STREET)



PROPOSED TYPICAL SECTION  
STA 61+50 TO STA 88+79

**SAFETY EDGE DETAIL**

(DETAIL ONLY APPLIES WHERE HMA SHOULDER IS LESS THAN 1')



**LEGEND**

- ① EXISTING HOT-MIX ASPHALT SURFACE AFTER MILLING, 5 1/4" & VARIES
- ② EXISTING PCC BASE COURSE, 8" & VARIES
- ③ PROPOSED HOT-MIX ASPHALT SURFACE REMOVAL, 2 1/4"
- ④ EXISTING PCC BASE COURSE WIDENING, 9"
- ⑤ EXISTING B-6.24 CONCRETE CURB AND GUTTER
- ⑥ PROPOSED HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N70, 1 1/2"
- ⑦ PROPOSED POLYMERIZED LEVELING BINDER (MACHINE METHOD), IL-4.75, N50, 3/4"
- ⑧ PROPOSED COMBINATION CONCRETE CURB & GUTTER REMOVAL & REPLACEMENT (LOCATIONS TO BE DETERMINED BY THE ENGINEER)
- ⑨ EXISTING ASPHALT SHOULDER
- ⑩ EXISTING AGGREGATE SHOULDER, TYPE B
- ⑪ PROPOSED AGGREGATE WEDGE SHOULDER, TYPE B GRADING AND SHAPING SHOULDERS

**HMA MIXTURE REQUIREMENT**

OPERATION	MIXTURE TYPE	AIR VOIDS @ Ndes
ROADWAY	HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N70, 1 1/2" (IL 9.5 mm)	4 % @ 70 GYR.
	POLYMERIZED LEVELING BINDER (MACHINE METHOD), IL-4.75, N50, 3/4"	4 % @ 50 GYR.
PATCHES	CLASS D PATCHES, (HMA BINDER IL-19 mm) 13"	4 % @ 70 GYR.

THE UNIT WEIGHT USED TO CALCULATE ALL HOT-MIX ASPHALT SURFACE MIXTURES 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.

**NOTES:**

THE CONTRACTOR SHALL MILL FIRST BEFORE PATCHING.

FILE NAME =	USER NAME = becker tom	DESIGNED -	REVISED -	<b>STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION</b>	<b>ILL 7 (143RD STREET) EXISTING AND PROPOSED TYPICAL SECTIONS</b>			F.A.U. RTE. 1600	SECTION 80 R-RS-1	COUNTY COOK	TOTAL SHEETS 24	SHEET NO. 4
ct:\pw\work\pwidot\becker tom\d0246227\DJ	33010-sh-t-plan.dgn	DRAWN -	REVISED -		SCALE:	SHEET NO.	OF	SHEETS	STA.	TO STA.	CONTRACT NO. 60L02	
	PLOT SCALE = 50.0000 "/ IN.	CHECKED -	REVISED -								ILLINOIS FED. AID PROJECT	
	PLOT DATE = 5/12/2011	DATE -	REVISED -									