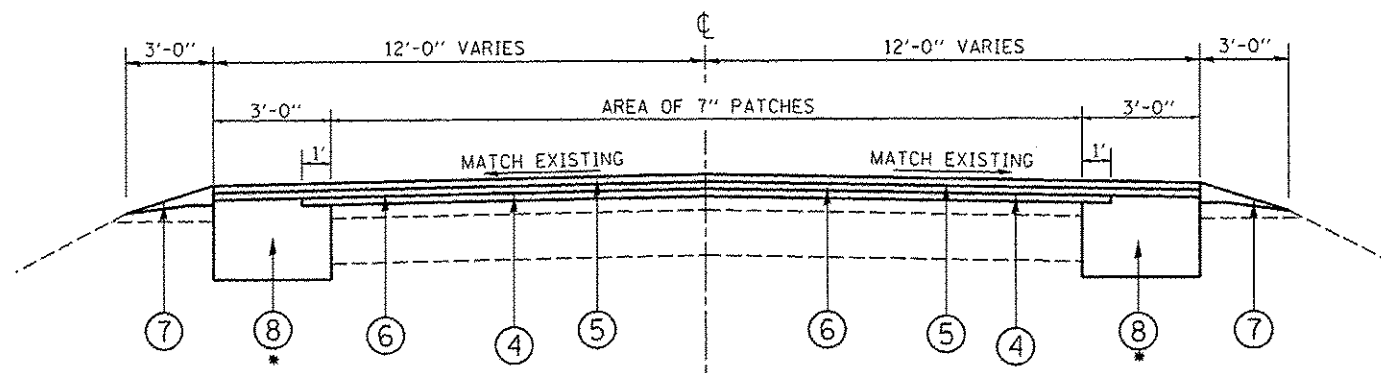


**MANHATTAN-MONEE ROAD
EXISTING TYPICAL SECTION**

STA.18+94 TO STA.102+17 &
STA.103+36 TO STA.235+08.18



**MANHATTAN-MONEE ROAD
PROPOSED TYPICAL SECTION**

STA.18+94 TO STA.102+17 &
STA.103+36 TO STA.235+08.18

LEGEND

- ① EXISTING 9"- 7"- 9" P.C.C. PAVEMENT
- ② EXISTING HOT-MIX ASPHALT BASE COURSE WIDENING, 9"
- ③ EXISTING AGGREGATE SHOULDER
- ④ PROPOSED HOT IN-PLACE RECYCLING, 1"
- ⑤ PROPOSED HOT-MIX ASPHALT SURFACE COURSE, MIX "D" N70, 1 1/2"
- ⑥ PROPOSED HOT-MIX ASPHALT BINDER COURSE, IL-19.0, N70, 2 1/2"
- ⑦ PROPOSED AGGREGATE WEDGE SHOULDER, TYPE B
- ⑧ PROPOSED CLASS D PATCH, TYPE IV, 13"

*CLASS D PATCH WILL BE USED TO REPLACE THE OUTER 3' ON EACH SIDE ALONG THE LENGTH OF THE JOB AND SHALL BE DONE AS FULL DEPTH.

HOT-MIX ASPHALT MIXTURE REQUIREMENTS

	MIXTURE USE	AIR VOIDS (%) @ N _{DES}
ROADWAY	HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N70 (IL 9.5 mm)	4% @ 70 GYR
	HOT-MIX ASPHALT BINDER COURSE, IL-19.0, N70	4% @ 70 GYR
PATCHES	CLASS D PATCHES (HMA BINDER IL-19 mm)	4% @ 70 GYR
	HMA REPLACEMENT OVER PATCHES, SURFACE COURSE	4% @ 70 GYR

THE UNIT WEIGHT USED TO CALCULATE ALL HOT-MIX ASPHALT SURFACE MIXTURE QUANTITIES IS 112 LBS/SY/IN.

THE AC TYPE FOR POLYMERIZED HMA MIXTURES 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 USE OF RECYCLED MATERIALS, SEE SPECIAL PROVISIONS

HMA REPLACEMENT OVER PATCHES ONLY APPLIES TO 7 INCH PATCHES.

NOTE:
CLASS D PATCHES HAVE TO BE DONE BEFORE HOT-IN-PLACE OPERATIONS.

FILE NAME *	USER NAME * pyrzano@skirb	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	MANHATTAN-MONEE ROAD (SCHOOLHOUSE RD. TO CENTER RD.) EXISTING & PROPOSED TYPICAL SECTIONS	F.A.P. RTE. *	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
c:\pwork\pwork\pyrzano@skirb\d020600	D134111-ant-plen.dgn	DRAWN -	REVISED -			531	40X-R5-9	WILL	18	4	
	PLOT SCALE * 100.0000 "/ in.	CHECKED -	REVISED -			CONTRACT NO. 60N71					
	PLOT DATE * 5/29/2013	DATE -	REVISED -			ILLINOIS FED. AID PROJECT					