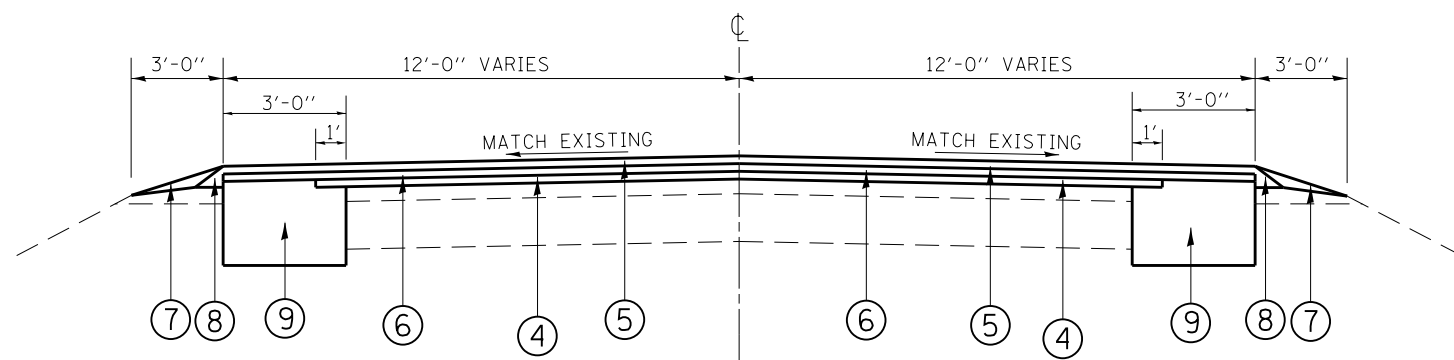


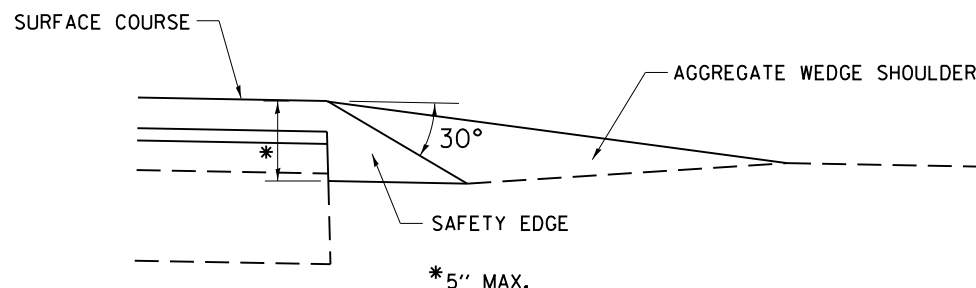
**MANHATTAN-MONEE ROAD
EXISTING TYPICAL SECTION**

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



SAFETY EDGE DETAIL

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 SAFETY EDGE
- ⑨ PROPOSED CLASS D PATCH, TYPE IV, 9"

*CLASS D PATCHES WILL BE USED TO REPLACE THE OUTER 3'
ON EACH SIDE ALONG THE LENGTH OF THE JOB.

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 TYPE II AND TYPE III PATCHES. TYPE IV PATCHES WILL BE DONE AS FULL DEPTH.

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

FILE NAME =	USER NAME = pyzzenowskirb	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.	
et:\pw\work\p\dot\pyzzenowskirb\d0286808\10134111-sh-t-pln.dgn	ND134111-sh-t-pln.dgn	DRAWN -	REVISED -			531	40X-RS-9	WILL	18	4	
PLOT SCALE = 100.0000' / in.		CHECKED -	REVISED -			CONTRACT NO. 60N71					
PLOT DATE = 1/11/2013		DATE -	REVISED -			SCALE: 1" = 50'	SHEET NO.	OF	SHEETS	STA.	TO