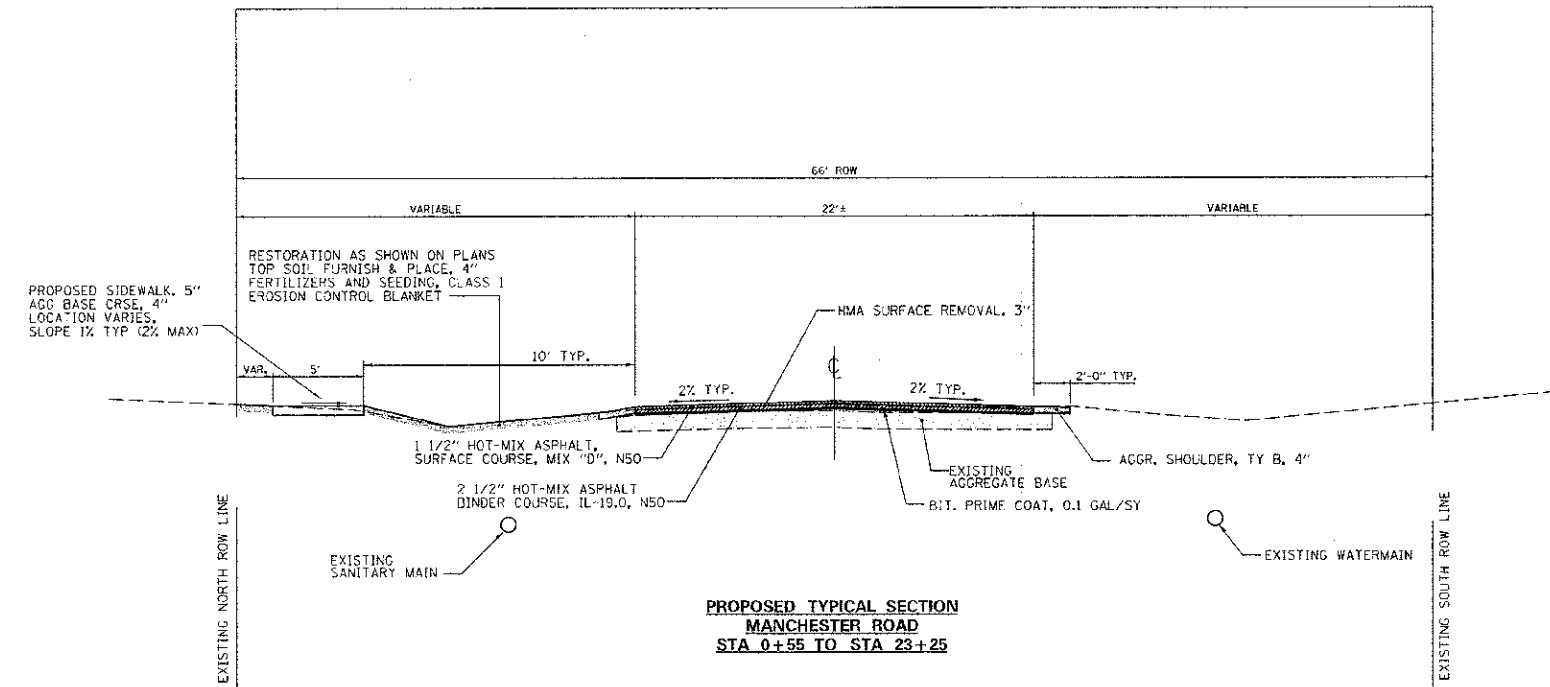
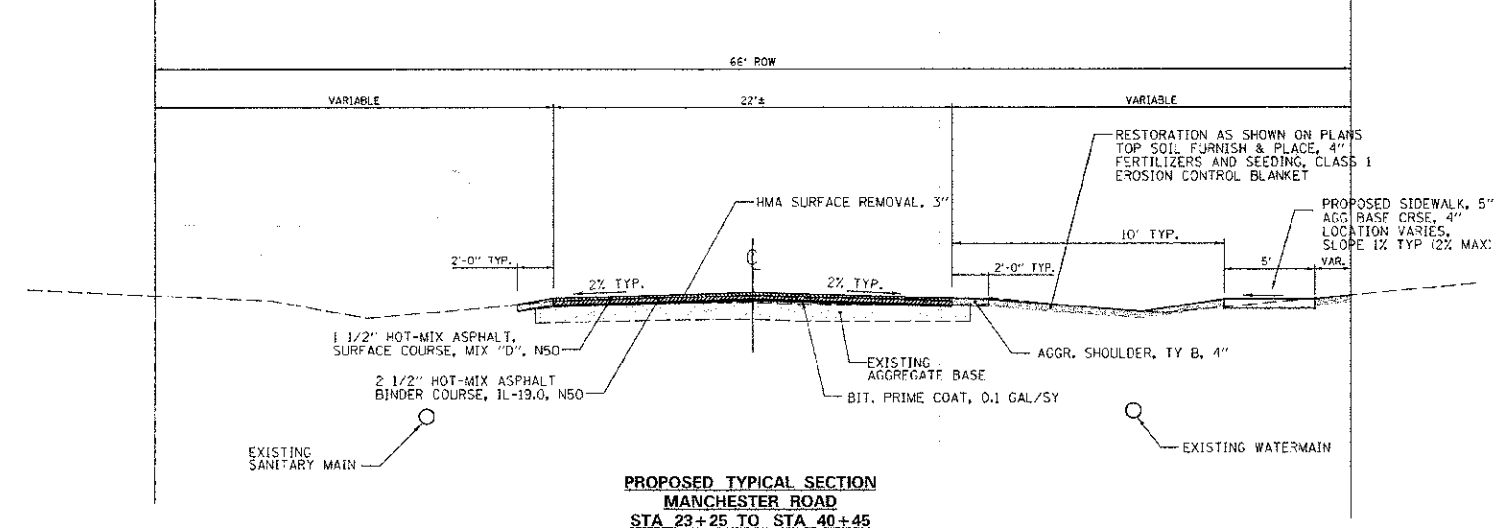


**EXISTING TYPICAL SECTION  
MANCHESTER ROAD  
STA 0+55 TO STA 40+45**



**PROPOSED TYPICAL SECTION  
MANCHESTER ROAD  
STA 0+55 TO STA 23+25**



**PROPOSED TYPICAL SECTION  
MANCHESTER ROAD  
STA 23+25 TO STA 40+45**

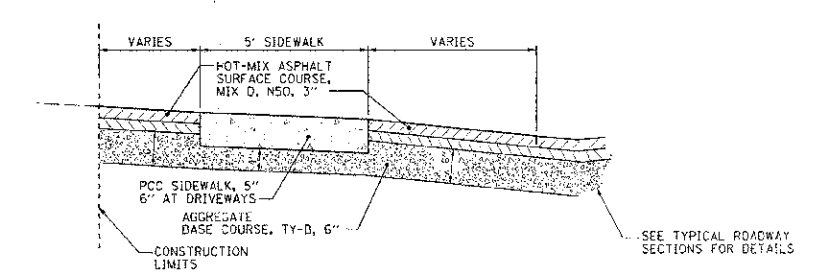
**HOT MIX ASPHALT MIXTURE REQUIREMENT**

ITEM	AIR VOIDS @ Ndes
<b>RESURFACING</b>	
HOT-MIX ASPHALT SURFACE COURSE, MIX D, N50, 1 1/2"	4% @ 50 GYR
HOT-MIX ASPHALT BINDER COURSE, IL 19.0, N50, 2 1/2"	4% @ 50 GYR
<b>PATCHING</b>	
CLASS D PATCHES, 6"	4% @ 70 GYR

NOTE:  
THE UNIT WEIGHT USED TO CALCULATE ALL HMA SURFACE MIXTURE QUANTITIES IS 112#/CY.  
THE "AC TYPE" FOR POLYMERIZED HMA MIXES SHALL BE "SSS/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 SPECIAL PROVISIONS.

**STRUCTURAL DESIGN INFORMATION**

STRUCTURAL DESIGN TRAFFIC: 500 ADT YEAR 2023  
 PV= 88 SU= 7 MU= 5  
 ROAD CLASSIFICATION: CLASS III  
 TRAFFIC FACTOR: TF= 0.082



**TYPICAL SECTION THRU HMA DRIVEWAY**

FILE NAME = N:\dgn\WF\WF54ManchesterRd\shets\100	USER NAME = .USER. 02\FB84_TypicalSections.dgn
PLOT SCALE = 1/8" = 1' IN.	PLOT DATE = 12/28/2012

DESIGNED - DR	REVISD -
DRAWN - SS	REVISD -
CHECKED - DW	REVISD -
DATE - DEC 2012	REVISD -

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**EXISTING AND PROPOSED TYPICAL SECTIONS  
MANCHESTER ROAD**  
 SCALE: N.T.S. SHEET NO. 3 OF 16 SHEETS

F.A.D. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEP. NO.
3549	12-00046-00-RS	DJ	21	3
CONTRACT NO. 63774			ILLINOIS FED. AID PROJECT	