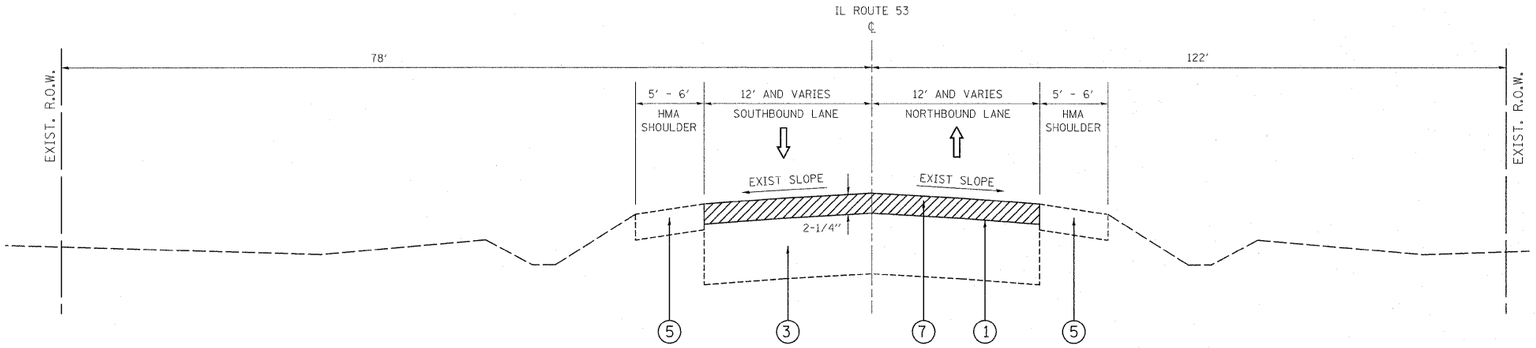
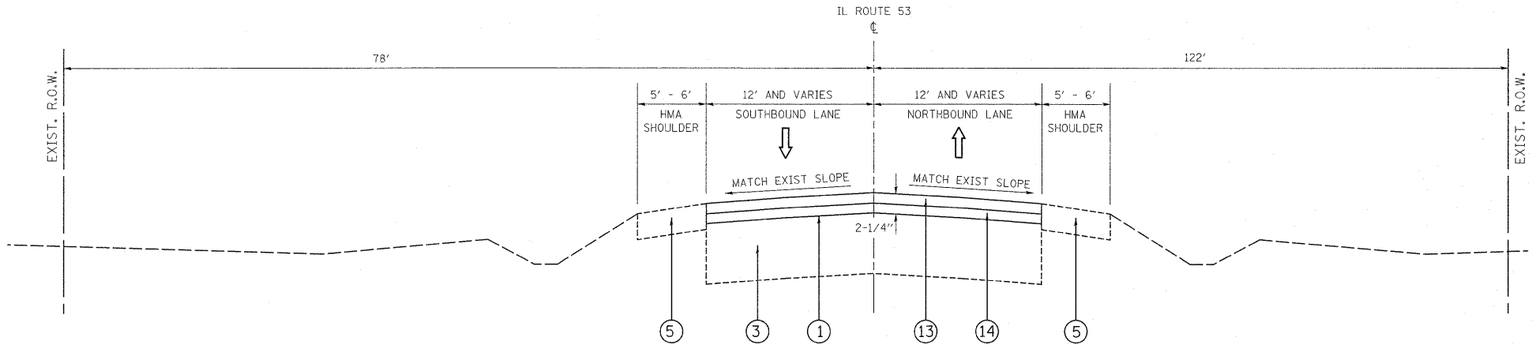


EXISTING TYPICAL SECTION
IL ROUTE 53
STA. 474+36 TO STA. 489+66
STA. 508+38 TO STA. 515+00



PROPOSED TYPICAL SECTION
IL ROUTE 53
STA. 474+36 TO STA. 489+66
STA. 508+38 TO STA. 515+00

HOT-MIX ASPHALT MIXTURE NOTES:

THE UNIT WEIGHT USED TO CALCULATE ALL HMA SURFACE MIXTURE QUANTITIES IS 112 LBS/SQ YD/IN.

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 SPECIAL PROVISIONS.

THE CONTRACTOR SHALL PATCH FIRST BEFORE MILLING

LEGEND:

1. EXISTING HMA SURFACE AFTER MILLING (0" AND VARIES)
2. EXISTING HMA SURFACE AFTER MILLING (9-1/2" AND VARIES)
3. EXISTING P.C.C. PAVEMENT, 10"
4. EXISTING AGGREGATE BASE, 6"
5. EXISTING HMA SHOULDER TO REMAIN IN PLACE
6. EXISTING HMA SHOULDER TO BE REMOVED
7. PROPOSED HMA SURFACE REMOVAL, 2-1/4"
8. PROPOSED AGGREGATE BASE COURSE, TYPE B, 8"
9. PROPOSED AGGREGATE SUBGRADE, 12"
10. PROPOSED POROUS GRANULAR EMBANKMENT, SUBGRADE, 6"
11. PROPOSED PIPE UNDERDRAINS, 4" (SEE TYPICAL SECTION NOTES)
12. PROPOSED GEOTECHNICAL FABRIC FOR GROUND STABILIZATION
13. PROPOSED HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N70, 1-1/2"
14. PROPOSED POLYMERIZED LEVELING BINDER (MACHINE METHOD), IL-4.75, N50, 3/4"
15. PROPOSED HOT-MIX ASPHALT BASE COURSE, 11-1/2"
16. PROPOSED HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N50, 2"
17. PROPOSED HOT-MIX ASPHALT SHOULDER, 8" (2 LIFTS)
18. PROPOSED SUBBASE GRANULAR MATERIAL, TYPE B, 5-3/4"
19. PROPOSED TOPSOIL FURNISH AND PLACE, 4"
20. PROPOSED SEEDING, CLASS 2A

HOT-MIX ASPHALT MIXTURE REQUIREMENTS	
MIXTURE TYPE	AIR VOIDS @ Ndes
PAVEMENT RESURFACING HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N70 (IL 9.5 MM) POLYMERIZED LEVELING BINDER (MACHINE METHOD), IL-4.75, N50	 4% @ 70 GYR. 4% @ 50 GYR.
PAVEMENT WIDENING HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N70 (IL 9.5 MM) POLYMERIZED LEVELING BINDER (MACHINE METHOD), IL-4.75, N50 HOT-MIX ASPHALT BINDER COURSE, IL-19.0, N70	 4% @ 70 GYR. 4% @ 50 GYR. 4% @ 70 GYR.
HMA SHOULDER HOT-MIX ASPHALT SHOULDER (HMA BINDER IL-19 MM)	 2% @ 50 GYR.
PATCHING CLASS D PATCH (HMA BINDER IL-19 MM), 10" HMA REPLACEMENT OVER PATCHES (HMA BINDER IL-19 MM), 2-1/4"	 4% @ 70 GYR. 4% @ 70 GYR.
HMA DRIVEWAY (P.E.) HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N50 (IL 9.5 MM), 2" HOT-MIX ASPHALT BASE COURSE (HMA BINDER IL-19 MM), 6"	 4% @ 50 GYR. 4% @ 50 GYR.
HMA DRIVEWAY (C.E.) HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N50 (IL 9.5 MM), 2" HOT-MIX ASPHALT BASE COURSE (HMA BINDER IL-19 MM), 8"	 4% @ 50 GYR. 4% @ 50 GYR.
HMA FIELD ENTRANCE HOT-MIX ASPAHLT SURFACE COURSE, MIX "D", N50 (IL 9.5 MM), 2"	 4% @ 50 GYR.
HMA MULTI-PURPOSE PATH HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N50 (IL 9.5 MM)	 4% @ 50 GYR.

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		DRAWN -	REVISED -
9-13-2011	PLOT SCALE = 50.0000 ' / in.	CHECKED -	REVISED -
	PLOT DATE = 9/8/2011	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

IL ROUTE 53 AT RIVER ROAD
EXISTING AND PROPOSED TYPICAL SECTIONS

SCALE: | SHEET NO. OF SHEETS | STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
846	4-N-3	WILL	68	6
		CONTRACT NO. 60L42		
FED. ROAD DIST. NO. 1	ILLINOIS	FED. AID PROJECT		