

**EXISTING TYPICAL SECTION**

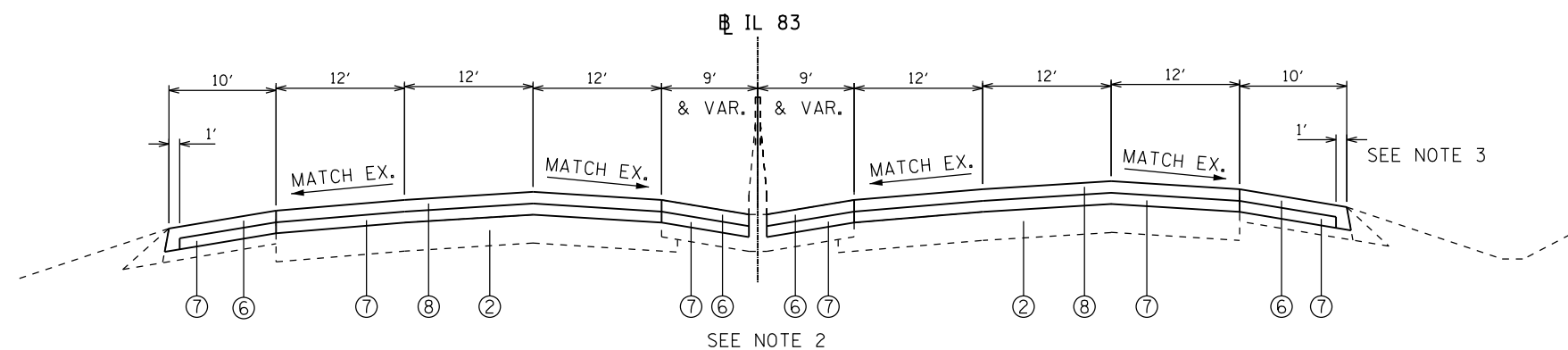
STA. 869+87 TO STA. 888+34

**LEGEND**

- ① EXISTING +/-2 1/2" HMA
- ② EXISTING +/-10" P.C.C. BASE
- ③ EXISTING B-6.24 CURB AND GUTTER
- ④ EXISTING HMA SHOULDER +/-8"
- ⑤ HMA SURFACE REMOVAL - 2 1/2" (SEE NOTE 1)
- ⑥ HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N70 (IL-9.5MM) - 2"
- ⑦ POLYMERIZED LEVELING BINDER (MACHINE METHOD), IL-4.75, N50 -1"
- ⑧ POLYMERIZED HOT-MIX ASPHALT SURFACE COURSE, STONE MATRIX ASPHALT, N80 -2"
- ⑨ HMA SURFACE REMOVAL - 2 1/2"
- ⑩ EXISTING CONCRETE MEDIAN SURFACE REMOVAL - 4"
- ⑪ REMOVAL AND DISPOSAL OF UNSUITABLE MATERIAL
- ⑫ PROPOSED LANDSCAPE MEDIAN BURN AND SWALES, WITH TOPSOIL - VARIABLE DEPTH AND SEEDING, CLASS 2A (SEE LANDSCAPING DETAIL)

**NOTES**

1. THE CONTRACTOR SHALL PERFORM THE PAVEMENT PATCHING OPERATIONS PRIOR TO THE HMA SURFACE REMOVAL OPERATION. SEE IDOT DISTRICT 1 DETAIL PAVEMENT PATCHING FOR HMA SURFACED PAVEMENT (BD-22) FOR ADDITIONAL INFORMATION.
2. NO ADDITIONAL COMPENSATION WILL BE GIVEN TO THE CONTRACTOR FOR ANY EXTRA WORK REQUIRED TO MILL THE HMA SHOULDER ADJACENT TO THE EXISTING BARRIER WALL. THIS WORK WILL BE INCLUDED IN THE CONTRACT UNIT PRICE FOR HMA SURFACE REMOVAL - 2 1/2" .
3. PLACEMENT OF POLYMERIZED LEVELING BINDER SHALL STOP ONE FOOT FROM THE EDGE OF SHOULDER (NO CURB AND GUTTER). SURFACE MIX WILL BE USED FULL DEPTH WITHIN THE REMAINING FOOT.



**PROPOSED TYPICAL SECTION**

STA. 869+87 TO STA. 888+34

HOT-MIX ASPHALT MIXTURE REQUIREMENTS		
MIXTURE TYPE	AIR VOIDS	Ndes
<b>PAVEMENT RESURFACING</b>		
POLYMERIZED HOT-MIX ASPHALT SURFACE COURSE, STONE MATRIX ASPHALT, N80, 2"	3.5%	@ 80 GYR.
POLYMERIZED LEVELING BINDER (MACHINE METHOD), IL-4.75, N50, 1"	3.5%	@ 50 GYR.
<b>HMA SHOULDER RESURFACING</b>		
HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N70 (IL-9.5 mm), 2"	4%	@ 70 GYR.
POLYMERIZED LEVELING BINDER (MACHINE METHOD), IL-4.75, N50, 1"	3.5%	@ 50 GYR.
<b>PATCHING</b>		
CLASS D PATCHES (HMA BINDER IL-19 MM)	4%	@ 70 GYR.
HMA REPLACEMENT OVER PATCHES (HMA BINDER IL-19 MM)	4%	@ 70 GYR.

MIXTURE NOTES:

1. THE UNIT WEIGHT USED TO CALCULATE ALL HOT-MIX ASPHALT SURFACE MIXTURE QUANTITIES IS 112 LBS/SQ YD/IN.
2. 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 USE OF RECYCLED MATERIAL SEE DISTRICT ONE SPECIAL PROVISIONS.
3. PAY FOR PERFORMANCE SPECIFICATION SHALL ONLY APPLY TO POLYMERIZED HMA SURFACE STONE MATRIX ASPHALT, N80

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	PLOT SCALE = 100.0000' / in.	CHECKED -	REVISED -
\$MODELNAME\$	PLOT DATE = 3/8/2013	DATE -	REVISED -

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**IL 83 (IL 64 TO IL 19)  
EXISTING AND PROPOSED TYPICAL SECTIONS**

SCALE: SHEET OF SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
344	540R-RS-3	DUPAGE	38	6
CONTRACT NO. 60V54				
ILLINOIS FED. AID PROJECT				