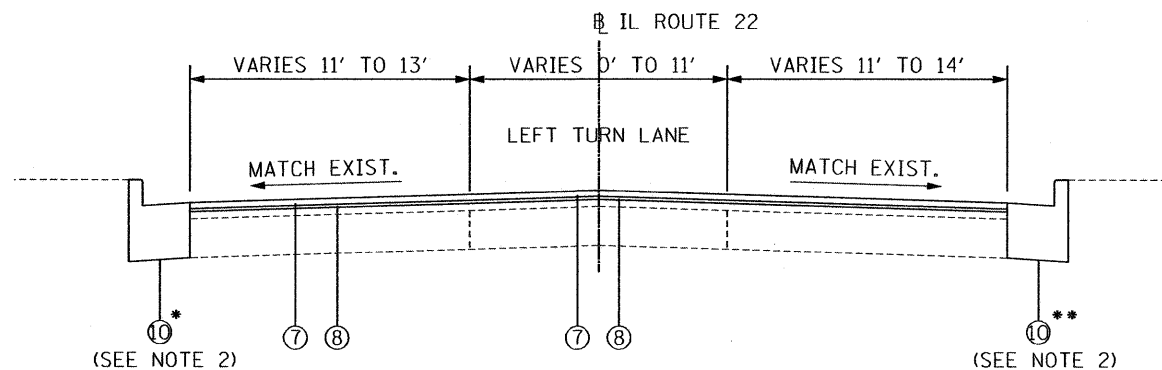


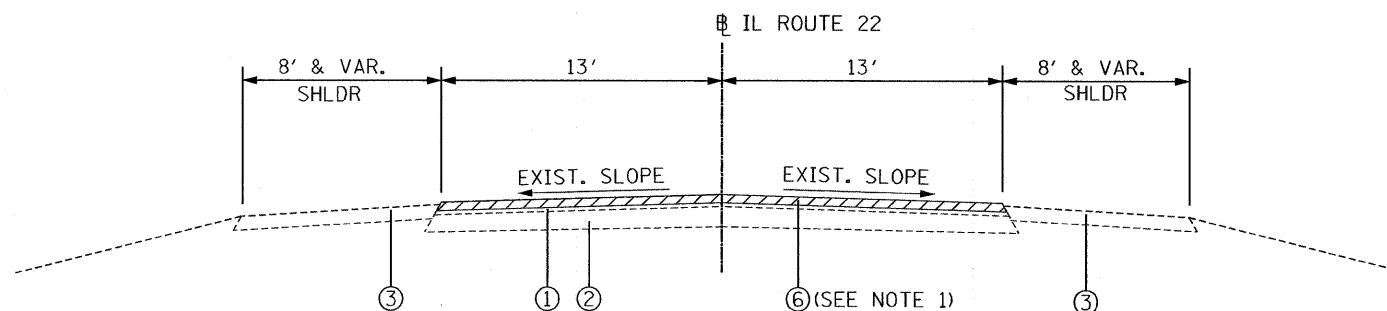
EXISTING TYPICAL SECTION
ILLINOIS ROUTE 22 (HALF DAY ROAD)
STA. 126+93 TO STA. 137+10
STA. 152+09 TO STA. 164+12



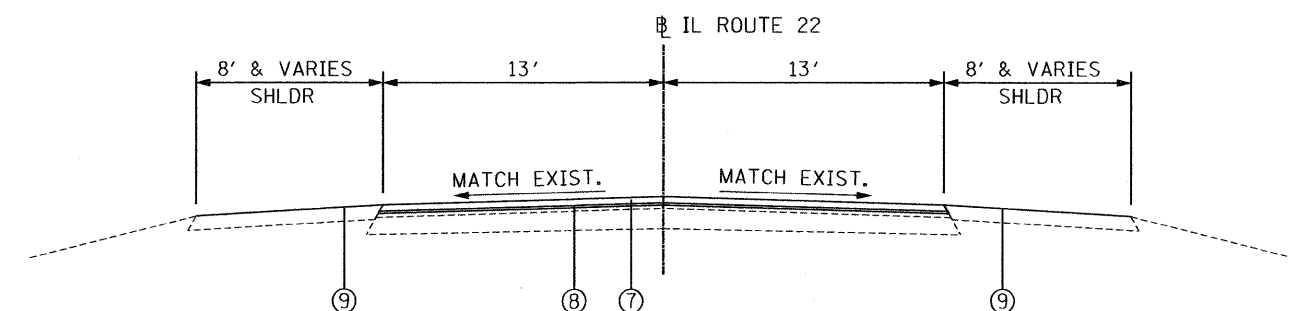
PROPOSED TYPICAL SECTION
ILLINOIS ROUTE 22 (HALF DAY ROAD)
STA. 152+09 TO STA. 164+12

* 8' AGGREGATE SHOULDER
STA. 132+58 TO STA. 137+10
STA. 152+09 TO STA. 155+09
STA. 160+35 TO STA. 164+12

** 8' AGGREGATE SHOULDER
STA. 132+38 TO STA. 137+10
STA. 152+09 TO STA. 155+09
STA. 161+38 TO STA. 164+12



EXISTING TYPICAL SECTION
ILLINOIS ROUTE 22 (HALF DAY ROAD)
STA. 137+10 TO STA. 152+09



PROPOSED TYPICAL SECTION
ILLINOIS ROUTE 22 (HALF DAY ROAD)
STA. 137+10 TO STA. 152+09

LEGEND

- ① EXISTING +/-4" HMA SURFACE
- ② EXISTING +/-10" P.C.C. BASE
- ③ EXISTING AGGREGATE SHOULDER +/- 6"
- ④ EXISTING B-6.24 CURB AND GUTTER
- ⑤ EXISTING CORRUGATED MEDIAN
- ⑥ HMA SURFACE REMOVAL - 2 1/2" (SEE NOTE 1)
- ⑦ POLYMERIZED HOT-MIX ASPHALT SURFACE COURSE, MIX F, (IL-9.5MM) N90 -1 3/4"
- ⑧ POLYMERIZED LEVELING BINDER (MACHINE METHOD), IL-4.75, N50 -3/4"
- ⑨ GRADING AND SHAPING SHOULDERS & AGGREGATE WEDGE SHOULDER, TYPE B
- ⑩ PROPOSED B-6.24 CURB AND GUTTER (SEE NOTE 2)

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-400-04 (BD-22) FOR ADDITIONAL INFORMATION.
2. LOCATIONS OF COMBINATION CONCRETE CURB AND GUTTER REMOVAL AND REPLACEMENT, WILL BE DETERMINED IN THE FIELD BY THE ENGINEER.

HMA MIXTURES REQUIREMENT		
MIXTURE USES	AC TYPE	VOIDS
POLYMERIZED HOT-MIX ASPHALT SURFACE COURSE, MIX F, N90 (IL-9.5)	SBS/SBR PG 70-22	4% @ 90 GYR.
POLYMERIZED LEVELING BINDER (MACHINE METHOD), IL-4.75, N50	SBS/SBR PG 76-28/-22	4% @ 50 GYR.
CLASS D PATCHES (HMA BINDER IL-19 MM)	PG 64-22 (SEE NOTE 2)	4% @ 70 GYR.
HMA REPLACEMENT OVER PATCHES (HMA BINDER IL-19MM)	PG 64-22 (SEE NOTE 2)	4% @ 70 GYR.

MIXTURE NOTES:
1. THE UNIT WEIGHT USED TO CALCULATE ALL HOT-MIX ASPHALT SURFACE MIXTURES IS 112 LBS/SQ YD/IN
2. WHEN RAP EXCEEDS 20%, THE NEW ASPHALT BINDER IN THE MIX SHALL BE PG 58-22.

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 USER: NAME
 MILLENIA Engineering



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MILLENNIA PROFESSIONAL SERVICES

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DRAWN - TVN	REVISED -
CHECKED - RPD	REVISED -
DATE - 4/21/2009	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

IL ROUTE 22 (HALF DAY RD)
STORYBOOK LN /WESTMINISTER TO LONDON LN

TYPICAL SECTIONS

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

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
337	20 RS-9	LAKE	22	4
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT			CONTRACT NO. 60H28	

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