

**LEGEND**

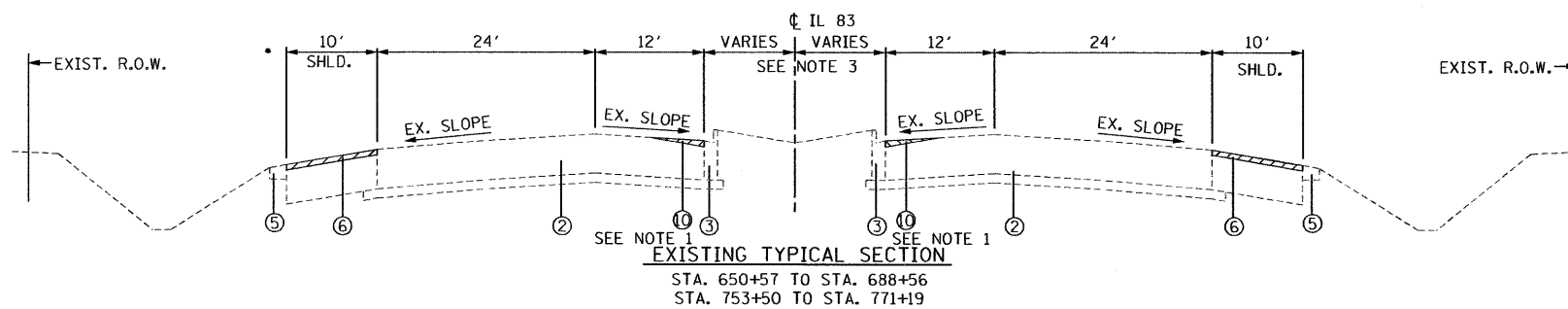
- ① EXISTING +/-4" HMA (1 3/4" SURFACE, 2 1/4" BINDER CSE)
- ② EXISTING +/-11" P.C.C. BASE
- ③ EXISTING B-6.24 CURB AND GUTTER
- ④ EXISTING BITUMINOUS SHOULDER +/-11"
- ⑤ EXISTING +/- 8" AGGREGATE SHOULDER, TYPE B
- ⑥ HMA SURFACE REMOVAL - 2 1/4"
- ⑦ HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N70 (IL-9.5MM) - (VARIES 2" TO 1 1/2")
- ⑧ POLYMERIZED LEVELING BINDER (MACHINE METHOD), IL-4.75, N50 -3/4"
- ⑨ POLYMERIZED HOT-MIX ASPHALT SURFACE COURSE, STONE MATRIX ASPHALT, N80 -2"
- ⑩ PORTLAND CEMENT CONCRETE SURFACE REMOVAL VARIABLE DEPTH (SEE NOTE 2)
- ⑪ STRIP REFLECTIVE CRACK CONTROL TREATMENT
- ⑫ LEVELING BINDER (MACHINE METHOD), N70

**NOTES**

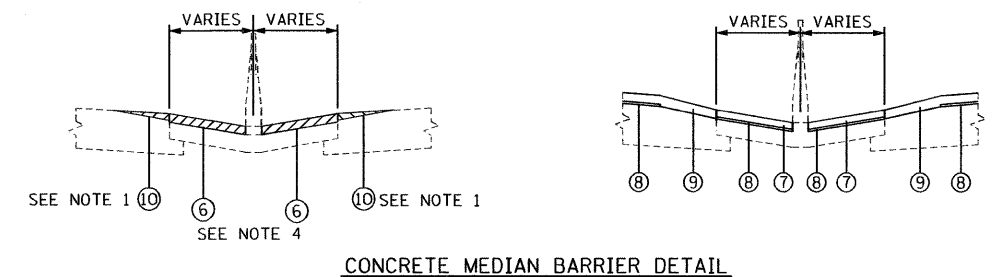
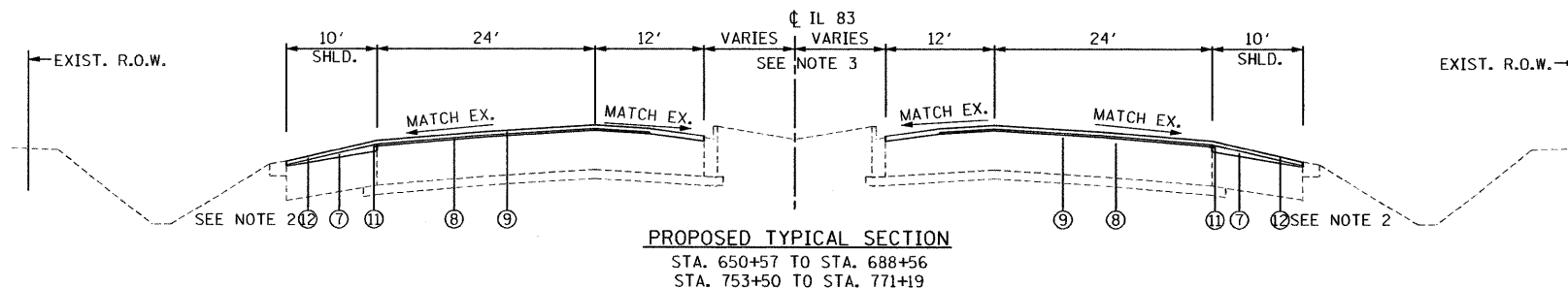
1. SEE DISTRICT ONE DETAIL (BD33) HMA TAPER AT EDGE OF P.C.C. PAVEMENT. MILLING AT GUTTER FLAG PER DETAIL SHALL B3 1 3/4".
2. LEVELING BINDER VARIES 3" TO 3/4".
3. FOR CONCRETE MEDIAN BARRIER SEE DETAIL.
4. NO ADDITIONAL COMPENSATION WILL BE GIVEN TO THE CONTRACTOR FOR ANY EXTRA WORK REQUIRED TO REMOVE THE HMA SHOULDER ADJACENT TO THE EXISTING BARRIER WALL. THIS WORK WILL BE INCLUDED IN THE CONTRACT UNIT PRICE FOR HMA SURFACE REMOVAL - 2 1/4" .

**OMISSIONS**

STA. 688+27 TO STA. 690+16 (NB)  
 STA. 688+56 TO STA. 690+31 (SB)  
 STA. 716+45 TO STA. 717+24



- CURB AND GUTTER:  
 STA 650+57 TO STA 655+48  
 STA 661+86 TO STA 669+33  
 STA 680+84 TO STA 688+56  
 STA 753+50 TO STA 764+00
- CONCRETE BARRIER:  
 STA 764+39 TO STA 771+19



**CONCRETE MEDIAN BARRIER DETAIL**

STA. 710+16 TO STA. 723+08  
 STA. 762+00 TO STA. 771+19

**HOT-MIX ASPHALT MIXTURE REQUIREMENTS**

MIXTURE TYPE	AIR VOIDS @ Ndes
<b>PAVEMENT RESURFACING</b>	
POLYMERIZED HOT-MIX ASPHALT SURFACE COURSE, STONE MATRIX ASPHALT, N80	3.5% @ 80 GYR.
POLYMERIZED LEVELING BINDER (MACHINE METHOD), IL-4.75, N50	4% @ 50 GYR.
<b>HMA SHOULDER RESURFACING</b>	
HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N70 (IL-9.5 mm)	4% @ 70 GYR.
POLYMERIZED LEVELING BINDER (MACHINE METHOD), IL-4.75, N50	4% @ 50 GYR.
<b>PATCHING</b>	
CLASS D 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 70-22" 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 DISTRICT ONE SPECIAL PROVISIONS.

FILE NAME : P:\2009\ME09006\_Ver\PHI\CADD\W07\_IL83N\Shets\Post Final Revisions\04-D160J20-sht-IL83N-TYP1\_Rev02232010.dgn  
 PLOT SCALE : 1/8"=1'-0"  
 USER NAME : Millennium Professional Services  
 3-5-10 KE



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 WWW.MPS-IL.COM  
**MILLENNIA PROFESSIONAL SERVICES**

DESIGNED - CJD	REVISED -
DRAWN - CJD	REVISED -
CHECKED - RPD	REVISED -
DATE - 3/3/2010	REVISED -

**STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION**

**ILLINOIS ROUTE 83 (NORTH)  
 WASHINGTON ST TO ILLINOIS RTE 64**

**TYPICAL SECTIONS**

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
344	543 X-RS-2	DUPAGE	30	4
CONTRACT NO. 60J20				

SCALE: SHEET NO. OF SHEETS STA. TO STA. FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT

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