

LEGEND

- ① EXISTING +/-3" HMA
- ② EXISTING +/-8" P.C.C. BASE
- ③ EXISTING B-6.24 CURB AND GUTTER
- ④ EXISTING BITUMINOUS SHOULDER +/-8"
- ⑤ EXISTING +/- 8" AGGREGATE SHOULDER, TYPE B
- ⑥ HMA SURFACE REMOVAL - 3"
- ⑦ HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N70 (IL-9.5MM) -1 1/2"
- ⑧ POLYMERIZED LEVELING BINDER (MACHINE METHOD), IL-4.75, N50 -1"
- ⑨ POLYMERIZED HOT-MIX ASPHALT SURFACE COURSE, STONE MATRIX ASPHALT, N80 -2"
- ⑩ HMA SURFACE REMOVAL - 2 1/2"
- ⑪ POLYMERIZED HOT-MIX ASPHALT SURFACE COURSE, MIX "F", N90 (IL-9.5MM) -1 1/2"
- ⑫ RUMBLE STRIP
- ⑬ P.P.C. SURFACE REMOVAL (VAR. DEPTH)
- ⑭ LEVELING BINDER (MACHINE METHOD), N70

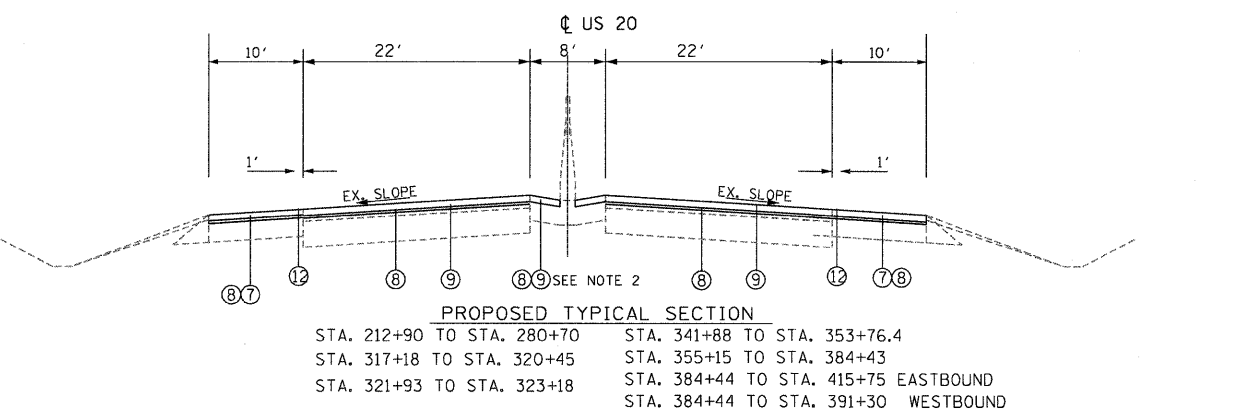
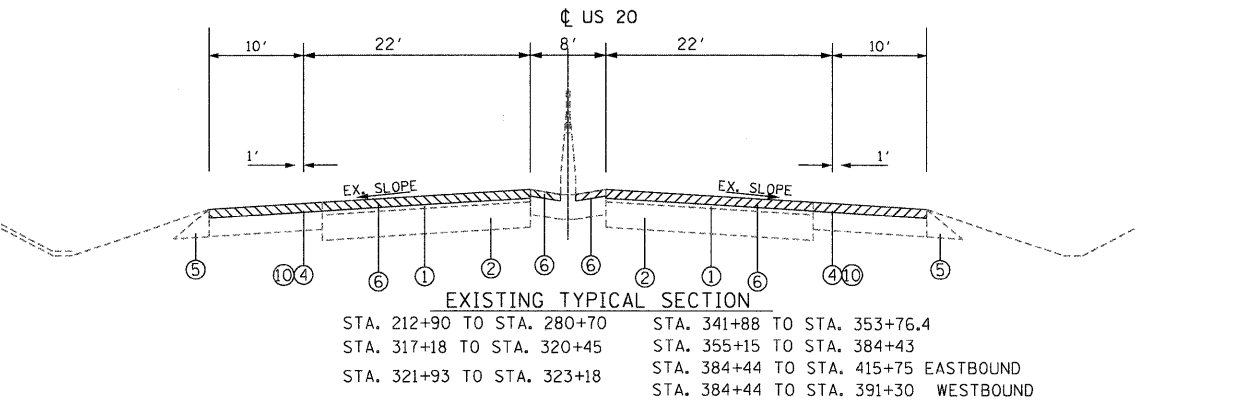
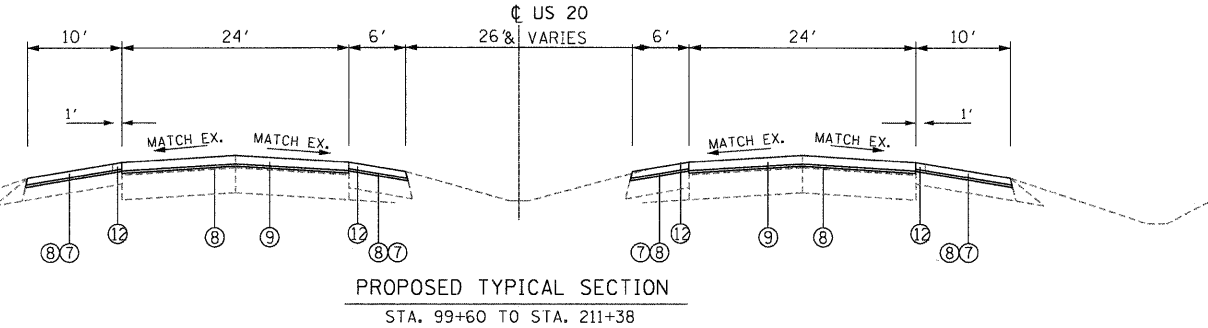
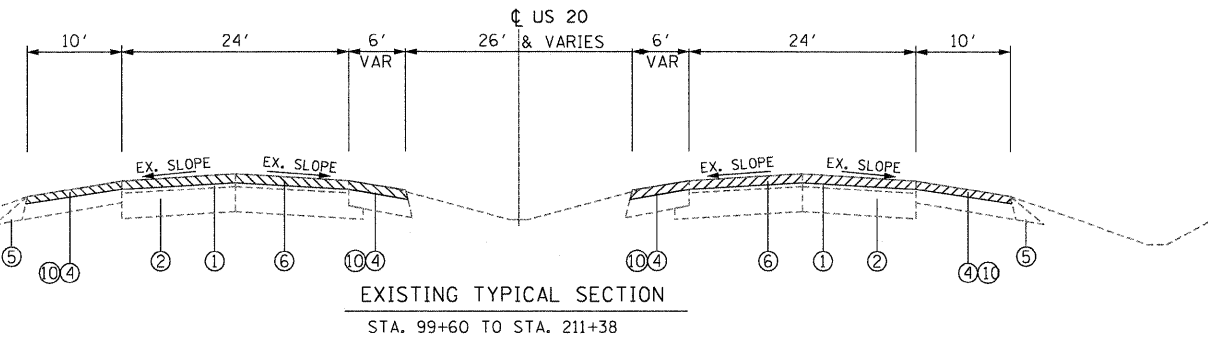
NOTES

1. SEE DISTRICT ONE DETAIL (BD33) HMA TAPER AT EDGE OF P.C.C. PAVEMENT. MILLING AT CUTTER FLAG PER DETAIL SHALL B3 1 3/4".
2. 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 - 3".
3. CONTRACTOR SHALL PATCH BEFORE MILLING

HOT-MIX ASPHALT MIXTURE REQUIREMENTS	
MIXTURE TYPE	AIR VOIDS @ Ndes
PAVEMENT RESURFACING AND INSIDE SHOULDER	
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.
HMA OUTSIDE SHOULDER AND RAMPS RESURFACING	
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.
PAVEMENT RESURFACING FOR IL ROUTE 31	
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.
PATCHING	
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 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.
3. CONTRACTOR SHALL PATCH BEFORE MILLING
4. PFP IS FOR SMA SURFACE ONLY



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MILLENNIA PROFESSIONAL SERVICES

DESIGNED - CJD	REVISED -
DRAWN - CJD	REVISED -
CHECKED - TVN	REVISED -
DATE - 4/1/2011	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

US ROUTE 20 (LAKE STREET)
RANDALL RD TO SHALES PARKWAY

SCALE: N/A SHEET NO. OF SHEETS STA. TO STA.

F.A.P. RTE. 345	SECTION BR-1-RS-4	COUNTY KANE/COOK	TOTAL SHEETS 124	SHEET NO. 7
CONTRACT NO. 60M46				
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				

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