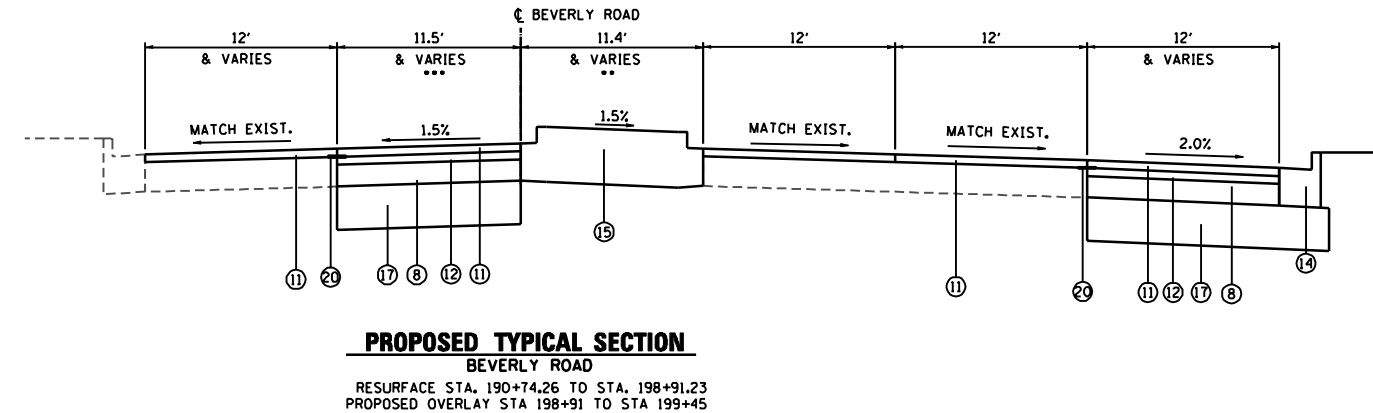
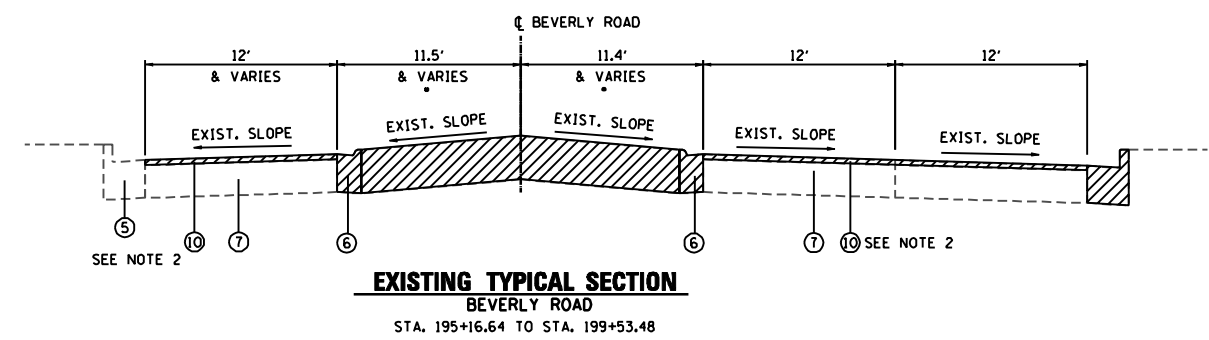
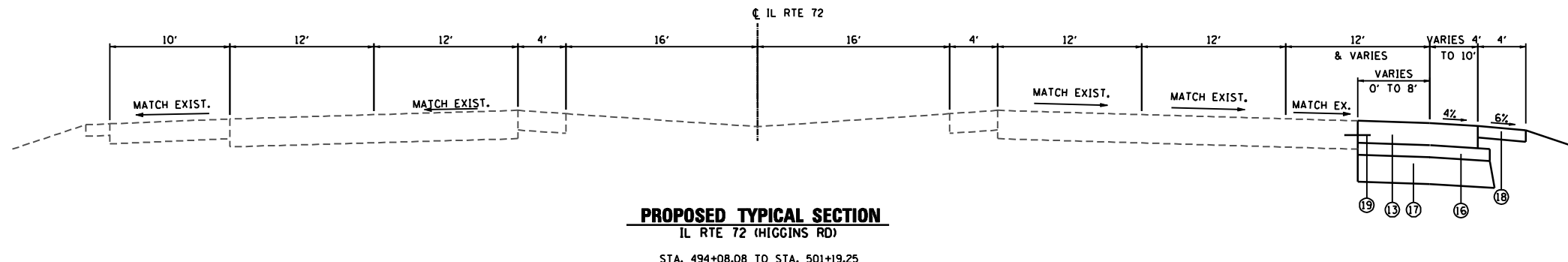
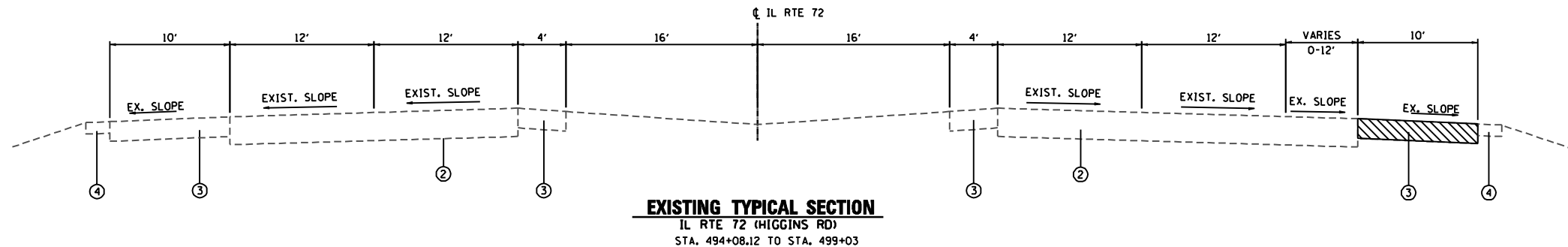


LEGEND

- ① EXISTING BITUMINOUS SURFACE
 - ② EXISTING P.C.C. PAVEMENT
 - ③ EXISTING CONCRETE SHOULDER
 - ④ EXISTING AGGREGATE SHOULDER
 - ⑤ EXISTING B-6.18 CURB AND GUTTER
 - ⑥ EXISTING M-2.12 CURB AND GUTTER
 - ⑦ EXISTING HMA PAVEMENT 11" (FULL DEPTH)
 - ⑧ HOT-MIX ASPHALT BINDER COURSE, IL-19, N90, 7 1/2"
 - ⑨ POLYMERIZED LEVELING BINDER (MACHINE METHOD), IL-4.75, N50, 1"
 - ⑩ HOT-MIX ASPHALT SURFACE REMOVAL, 2"
 - ⑪ PROPOSED POLYMERIZED HOT-MIX ASPHALT SURFACE COURSE, MIX "F", N90, 2"
 - ⑫ PROPOSED POLYMERIZED HOT-MIX ASPHALT BINDER COURSE, IL-19.0, N90, 2 1/4"
 - ⑬ PROPOSED PORTLAND CEMENT PAVEMENT, 10 1/2" (JOINTED)
 - ⑭ PROPOSED B-6.18 CURB AND GUTTER
 - ⑮ PROPOSED SB-6.12 MEDIAN
 - ⑯ PROPOSED STABILIZED SUB-BASE HOT-MIX ASPHALT, 4 1/2"
 - ⑰ PROPOSED AGGREGATE SUBGRADE IMPROVEMENT 12"
 - ⑱ AGGREGATE SHOULDER, TYPE B
 - ⑲ TIE BARS 3/4" @ 24" CENTERS (DRILL AND GROUT)
 - ⑳ STRIP REFLECTIVE CRACK CONTROL TREATMENT
- ▨ REMOVAL

NOTES

1. SEE DISTRICT ONE DETAIL (BD33) HMA TAPER AT EDGE OF P.C.C. PAVEMENT
2. HMA SURFACE REMOVAL FROM STA 195+16.64 TO STA 198+96.45
3. THE BUREAU OF MATERIALS - GEOTECHNICAL SECTION SHOULD BE CONTACTED AT (847) 705-4003 FOR SUBGRADE INSPECTION PRIOR TO THE PLACEMENT OF ALL SUBGRADE MATERIAL.
4. CONTRACTOR SHALL MILL BEFORE PATCHING



- EXISTING 16' PAINTED MEDIAN STA 190+74.26 TO STA 196+61
- EXISTING RAISED MEDIAN STA 196+61 STA 199+31.
- PROPOSED MEDIAN STA 197+73 TO STA 199+40.
- PROPOSED RESURFACE FROM STA 190+74 TO STA 198+91.23.

HMA MIXTURES REQUIREMENT	
MIXTURE USES	AIR VOIDS @ Ndes
PAVEMENT WIDENING/RESURFACING	
POLYMERIZED HOT-MIX ASPHALT SURFACE COURSE, MIX "F", N90 (IL-9.5 mm)	4% @ 90 GYR.
POLYMERIZED HOT-MIX ASPHALT BINDER COURSE, N90 (IL-19 mm)	4% @ 90 GYR.
HOT-MIX ASPHALT BINDER COURSE, N90 (IL-19 mm)	4% @ 90 GYR.
STABILIZED SUB-BASE HOT-MIX ASPHALT	2% @ 30 GYR.
OVERLAY P.C.C. PAVEMENT	
POLYMERIZED HOT-MIX ASPHALT SURFACE COURSE, MIX "F", N90 (IL-9.5 mm)	4% @ 90 GYR.
POLYMERIZED LEVELING BINDER (MACHINE METHOD), IL-4.75, N50 (IL 9.5mm)	3.5% @ 50 GYR.
PAVEMENT PATCHING	
CLASS D PATCH (HMA BINDER IL-19 mm)	4% @ TO GYR.

MIXTURE NOTES:

1. THE UNIT WEIGHT USED TO CALCULATE ALL HOT-MIX ASPHALT SURFACE MIXTURE QUANTITIES IS 112 LBS/SO 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 "PERCENT OF RAP" SEE DISTRICT ONE SPECIAL PROVISIONS.

FILE NAME : p:\2009\me09006-ver-ver-phi\cadd\1038-IL-72-Beverly\Shvs\07-D160P90-sht-typical.dgn
 USER : ME09006
 MILLENNIA PROFESSIONAL SERVICES

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MILLENNIA PROFESSIONAL SERVICES

DESIGNED - CJD	REVISED -
DRAWN - CJD	REVISED -
CHECKED - TVN	REVISED -
DATE - 4/5/2012	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

IL 72 - HIGGINS RD
AT BEVERLY RD AND AT ROCK ROAD DR

SCALE: NTS SHEET NO. 1 OF 1 SHEETS STA. TO STA.

F.A.P. RTE. 341	SECTION 2011-071-N	COUNTY COOK/KANE	TOTAL SHEETS 56	SHEET NO. 9
CONTRACT NO. 60P90			FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT	

TYP-01