

EXISTING TYPICAL SECTION

US 12/20/45 (MANNHEIM RD)

- STA. 40+48 TO STA. 42+19
- STA. 43+00 TO STA. 44+51 ***
- STA. 50+74 TO STA. 55+57 ***
- STA. 55+74 TO STA. 56+56
- STA. 58+42 TO STA. 59+29
- STA. 63+05 TO STA. 64+56 ***
- STA. 81+82 TO STA. 83+36
- STA. 84+41 TO STA. 85+98 ***
- STA. 108+27 TO STA. 109+83
- STA. 110+79 TO STA. 112+33 ***
- STA. 145+50 TO STA. 147+13
- STA. 161+54 TO STA. 162+58
- STA. 163+58 TO STA. 164+57 ***
- STA. 173+00 TO STA. 176+04
- STA. 198+15 TO STA. 199+48
- STA. 213+65 TO STA. 215+15
- STA. 225+39 TO STA. 226+90
- 7' PARKING LANE STA 46+02 TO STA 54+85
- RIGHT TURN LANE STA 137+85 TO STA 440+05, AND STA 441+47 TO STA443+47
- ADDITIONAL 10' PARKING LANE STA 27+17 TO STA 42+07
- MIRROR ABOUT CENTERLINE FOR SOUTHBOUND LEFT TURN
- 5' TO 15' LANDSCAPED MEDIAN STA 52+25 TO STA 55+57
- 15' MEDIAN WITH CENTER CURB AND GUTTER STA 55+57 TO STA 56+86 AND STA 58+32 TO STA 59+28



CORRUGATED MEDIAN DETAIL

- STA. 42+00 TO STA. 42+19
- STA. 43+00 TO STA. 43+19
- STA. 50+74 TO STA. 52+22
- STA. 63+05 TO STA. 63+23
- STA. 84+41 TO STA. 84+58
- STA. 109+67 TO STA. 109+83
- STA. 110+79 TO STA. 110+89
- STA. 145+50 TO STA. 147+13
- STA. 162+43 TO STA. 162+58
- STA. 163+58 TO STA. 163+75
- STA. 199+33 TO STA. 199+48
- STA. 215+00 TO STA. 215+15
- STA. 226+73 TO STA. 226+90

LEGEND

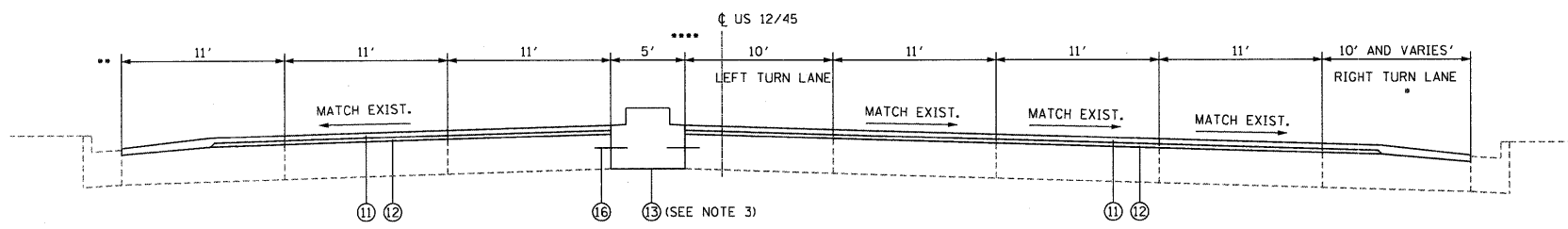
- 1 EXISTING +/-10" P.C.C. BASE
- 2 EXISTING B-6.24 CURB AND GUTTER
- 3 EXISTING B-6.12 CURB AND GUTTER
- 4 EXISTING M-2.12 CURB AND GUTTER
- 5 EXISTING CONCRETE MEDIAN TYPE SB-9.12
- 6 EXISTING CORRUGATED MEDIAN
- 7 EXISTING MEDIAN SURFACE 12"
- 8 MEDIAN REMOVAL
- 9 MEDIAN REMOVAL, PARTIAL DEPTH (SEE NOTE 2)
- 10 PORTLAND CEMENT CONCRETE SURFACE REMOVAL VARIABLE DEPTH
- 11 POLYMERIZED HOT-MIX ASPHALT SURFACE COURSE, MIX "F", N90 (IL-9.5MM) -1 3/4"
- 12 POLYMERIZED LEVELING BINDER (MACHINE METHOD), IL-4.75, N50 -3/4"
- 13 PROPOSED CONCRETE MEDIAN, TYPE SB-9.12
- 14 PROPOSED CORRUGATED MEDIAN
- 15 PROPOSED INCIDENTAL HMA SURFACING
- 16 TIE BARS 3/4" @ 24" CENTERS

NOTES

1. SEE DISTRICT ONE DETAIL (BD33) HMA TAPER AT EDGE OF P.C.C. PAVEMENT
2. COST OF REMOVAL OF PORTION OF P.C.C. CURB ABOVE GUTTER TO BE INCLUDED WITH MEDIAN REMOVAL, PARTIAL DEPTH
3. FOR CORRUGATED MEDIAN REMOVAL AND REPLACEMENT SEE DETAIL
4. EXISTING B-6.12 APPLIES FROM STA 27+18 TO STA 58+32
5. THE CONTRACTOR SHALL MATCH THE EXISTING ADJACENT PAVEMENT CROSS SLOPE FOR MEDIAN REMOVAL PARTIAL DEPTH

OMISSIONS

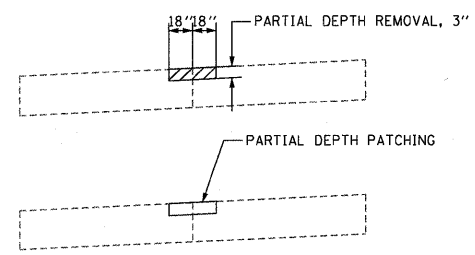
- STA. 56+85.83 TO STA. 58+31.55
- STA. 136+91.22 TO STA. 145+50.20
- STA. 164+57 TO STA. 200+19



PROPOSED TYPICAL SECTION

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- STA. 225+39 TO STA. 226+90



**DETAIL A
LONGITUDINAL JOINT REPAIR (TYP)**

(LOCATIONS TO BE DETERMINED BY ENGINEER)

HMA MIXTURES REQUIREMENT	
MIXTURE USES	AIR VOIDS @ Ndes
PAVEMENT RESURFACING	
POLYMERIZED HOT-MIX ASPHALT SURFACE COURSE, MIX "F", N90 (IL-9.5mm)	4% @ 90 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.
PARTIAL DEPTH PATCHING (HMA BINDER IL-19 MM)	4% @ 70 GYR.
DRIVEWAYS	
HMA SURFACE COURSE, MIX C, N50 (IL 9.5 MM); 2"	4% @ 50 GYR.
HMA BASE COURSE (HMA BINDER IL-19 MM); PE -6", CE -8"	4% @ 50 GYR.

MIXTURE NOTES:

1. THE UNIT WEIGHT USED TO CALCULATE ALL HOT-MIX ASPHALT SURFACE MIXTURES IS 112 LBS/SQ YD/IN
2. THE "AC TYPE" FOR POLYMERIZED HMA MIXES SHALL BE "SBS/SBR PG70-22" 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\ME09086_Ver-Yor-Ph11\CADD\WDL\US45\Shs\B4-D168166-sh1-US45-TYP.dgn
 PLOT SCALE = 6:0000 / IN.
 USER NAME = Millennium Professional Services

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MILLENNIA PROFESSIONAL SERVICES

DESIGNED - CJD	REVISED -
DRAWN - CJD	REVISED -
CHECKED - TVN	REVISED -
DATE - 2/9/2010	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

US RTE 12/45 BERTEAU AVE TO US RTE 20		MAINLINE TYPICAL SECTIONS		F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
				330	(464Y & 465Y) RS-3	COOK	44	4
SCALE:		SHEET NO. OF SHEETS		STA. TO STA.		CONTRACT NO. 60166		
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT								

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