

EXISTING TYPICAL SECTION

UNDER VIADUCT

STA. 53+12 TO STA. 54+20 (EAST SIDE OF STREET)
 STA. 53+17 TO STA. 54+26 (WEST SIDE OF STREET)

EXISTING LEGEND

- (A) HOT-MIX ASPHALT SURFACE COURSE, 1 1/2"
 - (E) HOT-MIX ASPHALT BINDER COURSE, 1 1/2"
 - (C) LEVELING BINDER (1" AVG.) TO REMAIN
 - (D) HOT-MIX ASPHALT BASE COURSE, 8"
 - (F) COMBINATION CONCRETE CURB & GUTTER TYPE B-6.12
 - (F) PORTLAND CEMENT CONCRETE SIDEWALK AND EXISTING BRIDGE ABUTMENT (STA. 53+17 TO STA. 54+26, WEST SIDE AND STA. 53+12 TO STA. 54+20, EAST SIDE)
 - (G) PROPOSED "HOT-MIX ASPHALT SURFACE REMOVAL, 3 INCH", (FULL WIDTH)
- ▨ INDICATES REMOVAL ITEM

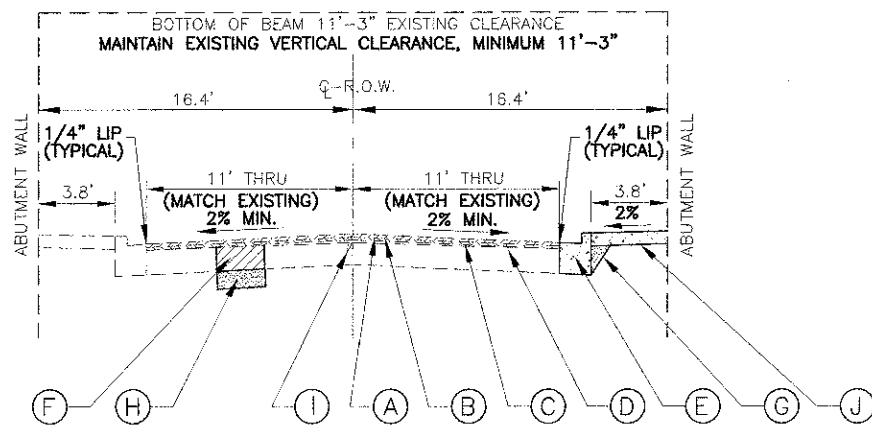
NOTE: CONTRACTOR SHALL MILL BEFORE PATCHING.

HOT-MIX ASPHALT MIXTURE REQUIREMENTS

MIXTURE TYPE	AIR VOIDS @ NDES
PAVEMENT RESURFACING	
HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N50, (IL-9.5mm), 2"	4% @ 50 GYR
LEVELING BINDER (MACHINE METHOD), N50, 1"	4% @ 50 GYR
PATCHING	
CLASS D PATCH, (HMA BINDER IL-19 mm), 9" (IN 3 LIFTS)	4% @ 70 GYR

THE UNIT WEIGHT TO CALCULATE ALL HOT-MIX ASPHALT SURFACE MIXTURE QUANTITIES IS 112 LBS/SQ YD/IN.

"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 USE OF RECYCLED MATERIALS SEE SPECIAL PROVISIONS



NOTE:
 ALL "AREA REFLECTIVE CRACK CONTROL TREATMENT" SHALL HAVE A WEIGHT OF 6 OZ. PER SQUARE YARD.

PROPOSED TYPICAL SECTION

UNDER VIADUCT

STA. 53+12 TO STA. 54+20 (EAST SIDE OF STREET)
 STA. 53+17 TO STA. 54+26 (WEST SIDE OF STREET)

EAST AVENUE

PROPOSED LEGEND

- (A) "HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N50", 2 INCH
- (B) "AREA REFLECTIVE CRACK CONTROL TREATMENT" (6 OZ.) BETWEEN LEVELING BINDER AND SURFACE COURSE
- (C) "LEVELING BINDER (MACHINE METHOD), N50," 1 INCH
- (D) "AGGREGATE (PRIME COAT)" AT A RATE OF 2 LBS/SY OVER "BITUMINOUS MATERIALS (PRIME COAT)" AT 0.10 GAL/S.Y.
- (E) "COMBINATION CURB AND GUTTER REMOVAL" AND "COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.12" AS SHOWN ON PLANS AND CONSTRUCTED ADJACENT TO EXISTING "HOT-MIX ASPHALT BASE COURSE", 8"
- (F) "CLASS D PATCHES, TYPE I-IV, 9 INCH"- (IN 3 LIFTS) AS DIRECTED AT LOCATIONS BY THE ENGINEER
- (G) "COARSE AGGREGATE" BACKFILL BENEATH SIDEWALK
- (H) "AGGREGATE SUBGRADE IMPROVEMENT" AND "REMOVAL AND DISPOSAL OF UNSUITABLE MATERIAL"- AS DIRECTED AT LOCATIONS BY THE ENGINEER
- (I) "MIXTURE FOR CRACKS, JOINTS, AND FLANGEWAYS"
- (J) "SIDEWALK REMOVAL" AND "PORTLAND CEMENT CONCRETE SIDEWALK, 5 INCH" AS SHOWN ON PLANS

IMPORTANT!

FULL SIZE PLANS HAVE BEEN PREPARED USING STANDARD ENGINEERING SCALES. REDUCED SIZED PLANS WILL NOT CONFORM TO STANDARD SCALES INDICATED IN TITLE BLOCK.

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 ILLINOIS PROFESSIONAL DESIGN FIRM NO. 194-00028

FILE NAME CITY OF BERWYN EAST AVENUE 31st STREET TO CERMAK ROAD RESURFACING	USER NAME AMS	DESIGNED AMS	REVISIONS 3-13-13
DESIGNED AMS	DRAWN JCF	CHECKED JCF	REVISIONS 4-8-13
DATE 2-1-13			

STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

TYPICAL SECTIONS &
 HOT-MIX ASPHALT MIXTURE REQUIREMENTS

SCALE: 1"=5' SHEET NO. OF SHEETS TO STA. TO STA.

P.A. J. R. NO. 2779	SECTION 09-00167-00-RS	COUNTY COOK	TOTAL SHEETS 31	SHEET NO. 5
CONTRACT NO. 63837				
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT M-4003(087)				