

**EXISTING TYPICAL SECTION**  
 VIADUCT TO SOUTH OF 28th PLACE  
 STA. 54+20 TO STA. 55+60

**EXISTING LEGEND**

- (A) HOT-MIX ASPHALT SURFACE COURSE, 1 1/2"
  - (B) HOT-MIX ASPHALT BINDER COURSE, 1 1/2"
  - (C) LEVELING BINDER (1" AVG.) TO REMAIN
  - (D) HOT-MIX ASPHALT BASE COURSE, 8"
  - (E) SUBBASE GRANULAR MATERIAL, TYPE B, 4" TO REMAIN
  - (F) COMBINATION CONCRETE CURB & GUTTER TYPE B-6.12
  - (G) PORTLAND CEMENT CONCRETE ALLEY RETURN, SIDEWALK, COURTESY WALK AND GRASS PARKWAY
  - (H) PROPOSED "HOT-MIX ASPHALT SURFACE REMOVAL, 3 INCH", (FULL WIDTH)
- ▨ INDICATES REMOVAL ITEM

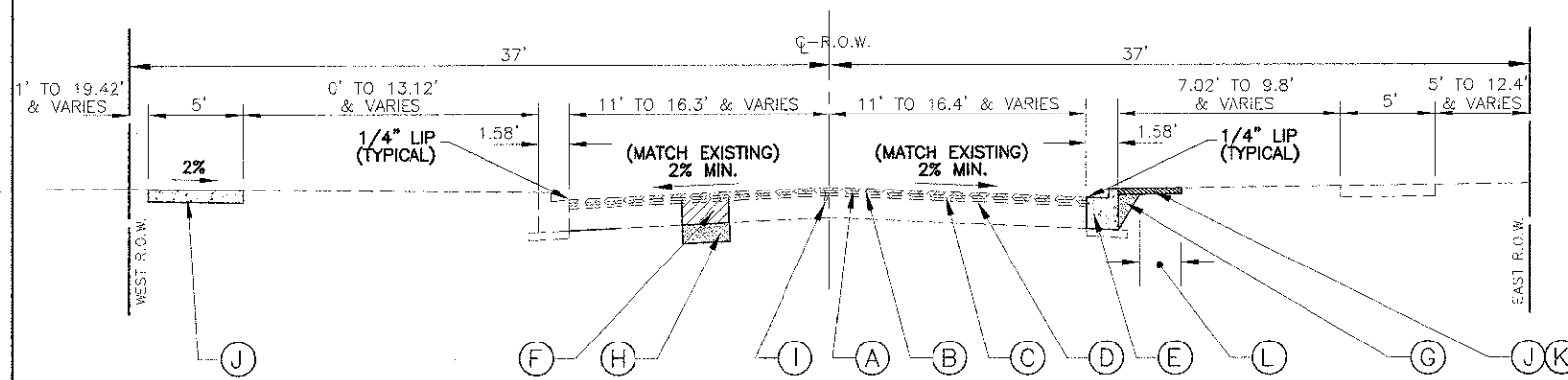
NOTE: CONTRACTOR SHALL MILL BEFORE PATCHING.

**HOT-MIX ASPHALT MIXTURE REQUIREMENTS**

MIXTURE TYPE	AIR VOIDS @ NDES
<b>PAVEMENT RESURFACING</b>	
HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N50, (IL-9.5mm), 2"	4% @ 50 GYR
LEVELING BINDER (MACHINE METHOD), N50, 1"	4% @ 50 GYR
<b>PATCHING</b>	
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**  
 VIADUCT TO SOUTH OF 28th PLACE  
 STA. 54+20 TO STA. 55+60  
 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" AS APPLICABLE
- (J) "SIDEWALK REMOVAL" AND "PORTLAND CEMENT CONCRETE SIDEWALK, 5 INCH" AS SHOWN ON PLANS
- (K) "SODDING, SALT TOLERANT" AND "TOPSOIL FURNISH AND PLACE, 4 INCH" (2' WIDTH MAX.)
- (L) "SOD STRIPPING, 2 INCH DEPTH" (1.5' WIDTH MAX.)

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

FILE NAME CITY OF BERWYN EAST AVENUE 31st STREET TO CERMAK ROAD RESURFACING	USER NAME DESIGNED - AMS DRAWN - JFP CHECKED - JEP DATE - 2-1-13	REVISIONS REVISED - JEF 3-13-13 REVISED - JEF 4-5-13
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STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION

TYPICAL SECTIONS &  
 HOT-MIX ASPHALT MIXTURE REQUIREMENTS

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

**Frank Novotny & Associates, Inc.**  
 885 Midway Drive • Wheeling, IL • 60090 • Telephone: (815) 887-0640 • Fax: (815) 887-0132  
 ILLINOIS PROFESSIONAL DESIGN FIRM NO. 164-000660

P.A.C. NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2779	09-00167-00-RS	COOK	31	6
CONTRACT NO. 63837				
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT M-4003(087)				