



EXISTING LEGEND

- (A) PROPOSED HOT-MIX ASPHALT SURFACE REMOVAL, 2-3/4" & (VARIABLE DEPTH)
- (B) EXISTING HOT-MIX ASPHALT SURFACE COURSE, 1-1/2"
- (C) EXISTING HOT-MIX ASPHALT BINDER COURSE, 2"
- (D) EXISTING HOT-MIX ASPHALT BASE COURSE, 5" AVG.
- (E) EXISTING PORTLAND CEMENT CONCRETE BASE COURSE, 8-1/2" AVG.
- (F) EXISTING AGGREGATE SHOULDER
- (G) EXISTING PORTLAND CEMENT CONCRETE DRIVEWAY, HOT-MIX ASPHALT SURFACE DRIVEWAY, PORTLAND CEMENT CONCRETE SIDEWALK (STA. 316+45 TO STA. 319+35, NORTH SIDE AND STA. 301+00 TO STA. 316+55, SOUTH SIDE), AND EXISTING GRASS PARKWAY

INDICATES REMOVAL ITEM

NOTE: CONTRACTOR SHALL MILL BEFORE PATCHING.

HOT-MIX ASPHALT MIXTURE REQUIREMENTS (McCARTHY ROAD)

MIXTURE TYPE	AIR VOIDS @ NDES
PAVEMENT WIDENING	
HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N70, (IL-9.5mm), 2"	4% @ 70 GYR
LEVELING BINDER (MACHINE METHOD), N70, (IL-9.5mm), 3/4"	4% @ 70 GYR
HOT-MIX ASPHALT BINDER COURSE, IL-19.0, N70, (IL-19 mm), 7-1/2" (IN 3 LIFTS)	4% @ 70 GYR
DRIVEWAYS	
HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N50, (IL-9.5mm), 2"	4% @ 50 GYR
HOT-MIX ASPHALT BASE COURSE, (HMA BINDER IL-19 mm), 8" (IN 3 LIFTS)	
PATCHING	
CLASS D PATCH, (HMA BINDER IL-19 mm), 6"	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 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"

PROPOSED LEGEND

- (A) PROPOSED "HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N70", 2 INCH
- (B) PROPOSED "LEVELING BINDER (MACHINE METHOD), N70", 3/4 INCH MIN.
- (C) PROPOSED "HOT-MIX ASPHALT BINDER COURSE, IL-19.0, N70", 7-1/2 INCH
- (D) PROPOSED "AGGREGATE SUBGRADE IMPROVEMENT, 12" -WITH 4" PERFORATED PVC IN SEWER TRENCH
- (E) PROPOSED "COMBINATION CONCRETE CURB & GUTTER, TYPE B-6.24" AS APPLICABLE
- (F) PROPOSED "DRIVEWAY PAVEMENT REMOVAL" AND "HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N50", 2 INCH ON "HOT MIX ASPHALT BASE COURSE, 8 INCH" ON "SUBBASE GRANULAR MATERIAL, TYPE B, 4 INCH" OR PROPOSED "TOPSOIL FURNISH & PLACE, 4 INCH" AND "SODDING"
- (G) PROPOSED "PORTLAND CEMENT CONCRETE SIDEWALK, 5 INCH". (AS DIRECTED) ON "SUBBASE GRANULAR MATERIAL, TYPE B, 2 INCH"
- (H) PROPOSED "CLASS D PATCHES, TYPE I - IV, 6 INCH"-AS DIRECTED
- (I) PROPOSED HOT-MIX ASPHALT SHOULDER (SAME AS (A) & (C) ABOVE)
- (J) PROPOSED "AGGREGATE SHOULDER, TYPE B, 12 INCH"
- (K) PROPOSED "REMOVAL AND DISPOSAL OF UNSUITABLE MATERIAL" AND "POROUS GRANULAR EMBANKMENT, SUBGRADE" WITH "GEOTECHNICAL FABRIC FOR GROUND STABILIZATION", SUBSEQUENT TO PROOF ROLL VERIFICATION (AS DIRECTED). STA. 308+50 TO STA. 311+50, 9 INCH STA. 314+50 TO STA. 317+50, 6 INCH

IMPORTANT!

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

McCARTHY ROAD

FILE NAME = FAU 1587 (McCARTHY ROAD)	USER NAME =	DESIGNED -- JLC	REVISED -- THK 3-17-11
FAP 577 (ARCHER AVENUE)		DRAWN -- JFP	REVISED -- THK 9-21-11
FAU 1024 (DERBY ROAD)		CHECKED -- THK	REVISED -- THK 10-31-11
CHANNELIZATION AND TRAFFIC SIGNAL INSTALLATION		DATE -- 11/10	REVISED -- THK 2-23-12

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**TYPICAL SECTIONS (McCARTHY ROAD)
HOT-MIX ASPHALT MIXTURE REQUIREMENTS**

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

Frank Novotny & Associates, Inc.
285 Midway Drive • Willowbrook, IL • 60207 • Telephone (630) 897-8640 • Fax (630) 897-0132
ILLINOIS PROFESSIONAL DESIGN FIRM NO. 184-080028

F.A.U. F.A.P.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
VAR	02-00055-00-WR	COOK	84	9
CONTRACT NO. 63557				
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT HPP-M-8003(504)				