

EXISTING LEGEND

- (A) PROPOSED PAVEMENT REMOVAL
- (B) EXISTING HOT-MIX ASPHALT SURFACE COURSE, 1"
- (C) EXISTING HOT-MIX ASPHALT BINDER COURSE, 3.2"
- (D) EXISTING HOT-MIX ASPHALT BASE COURSE, 8.75" AVG.
- (E) EXISTING POZZOLANIC AGGREGATE MATERIAL, 8.75 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 PARKWAY

HOT-MIX ASPHALT MIXTURE REQUIREMENTS (DERBY ROAD)

MIXTURE TYPE	AIR VOIDS @ NDES
FULL DEPTH PAVEMENT	
HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N70, (IL-9.5mm), 2"	4% @ 50 GYR
HOT-MIX ASPHALT BINDER COURSE, IL-19.0, N70, (IL-19 mm), 6-3/4" (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)	

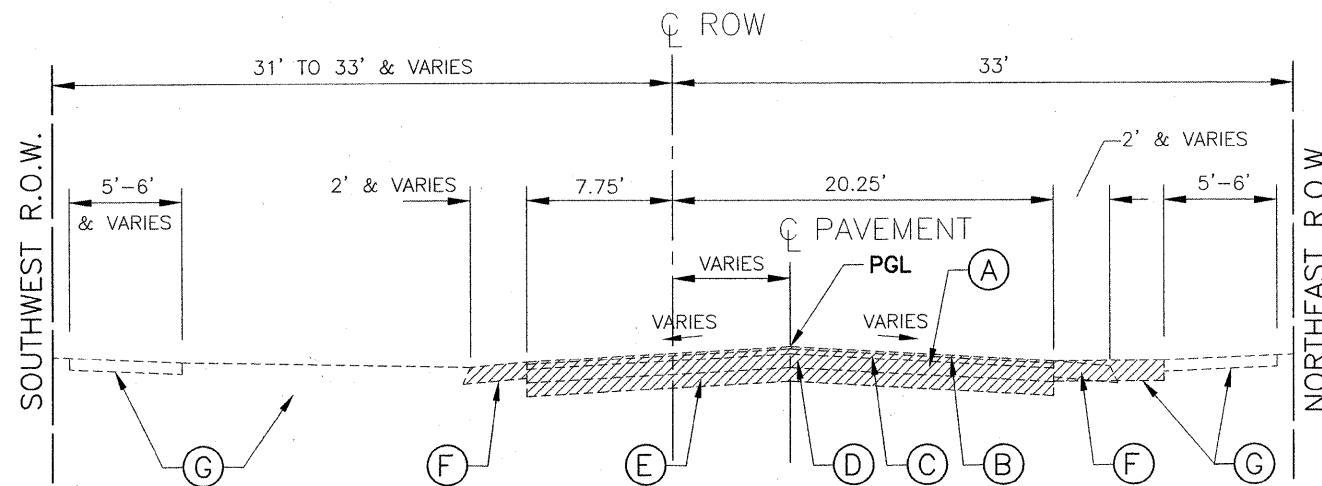
THE UNIT WEIGHT TO CALCULATE ALL HOT-MIX ASPHALT SURFACE MIXTURE QUANTITIES IS 112 LBS/SQ YD/IN.

"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

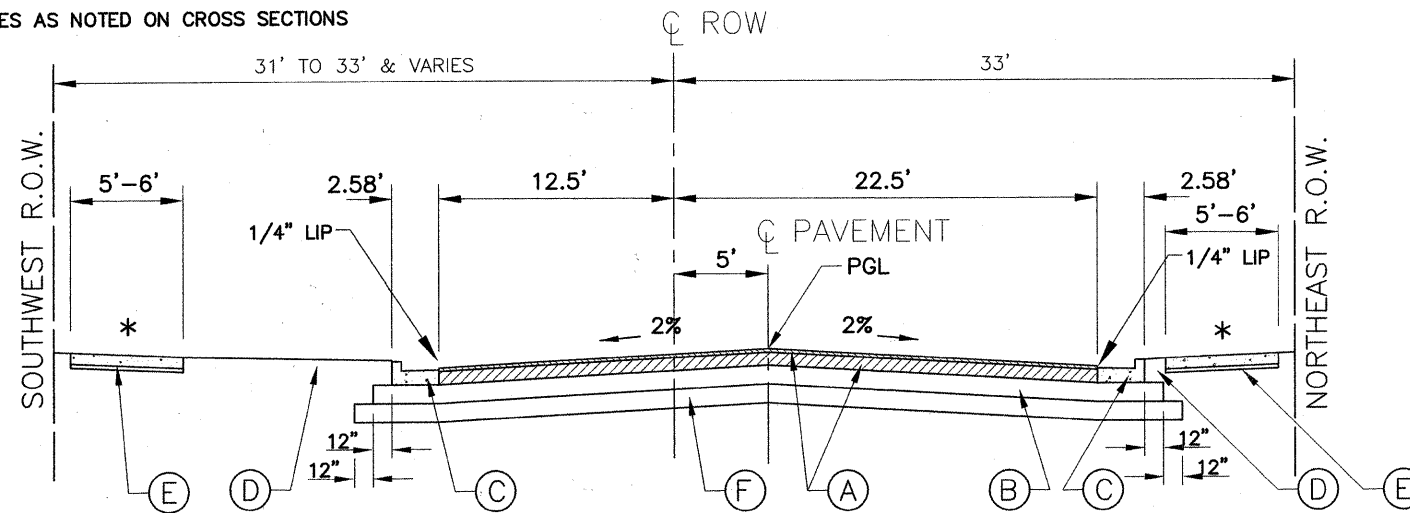
- (A) PROPOSED "HOT-MIX ASPHALT PAVEMENT, (FULL DEPTH)", 8-3/4 INCH
- (B) PROPOSED "AGGREGATE SUBGRADE IMPROVEMENT, 12" -WITH 4" PERFORATED PVC IN SEWER TRENCH
- (C) PROPOSED "COMBINATION CONCRETE CURB & GUTTER, TYPE B-6.24" AS APPLICABLE
- (D) PROPOSED "DRIVEWAY PAVEMENT REMOVAL" AND "HOT-MIX ASPHALT 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"
- (E) PROPOSED "SIDEWALK REMOVAL" AND PROPOSED "PORTLAND CEMENT CONCRETE SIDEWALK, 5 INCH". (AS DIRECTED) ON "SUBBASE GRANULAR MATERIAL, TYPE B, 2 INCH"
- (F) 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. 50+25 TO STA. 52+00, 6 INCH STA. 52+00 TO STA. 53+75, 12 INCH STA. 53+75 TO STA. 55+53, 6 INCH



EXISTING TYPICAL SECTION

ARCHER AVENUE TO McARTHUR ROAD
STA. 49+24 TO STA. 55+53

* SLOPES AS NOTED ON CROSS SECTIONS



PROPOSED TYPICAL SECTION

ARCHER AVENUE TO McARTHUR ROAD
STA. 49+24 TO STA. 55+53

DERBY ROAD

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 = FAU 1587 (McARTHUR ROAD) FAP 577 (ARCHER AVENUE) FAU 1024 (DERBY ROAD) CHANNELIZATION AND TRAFFIC SIGNAL INSTALLATION	USER NAME =	DESIGNED -- JLC	REVISED -- THK 2-25-11
		DRAWN -- JFP	REVISED -- THK 9-21-11
	PLOT SCALE =	CHECKED -- THK	REVISED -- THK 2-23-12
	PLOT DATE =	DATE -- 11/10	REVISED --

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

TYPICAL SECTIONS (DERBY ROAD)
HOT-MIX ASPHALT MIXTURE REQUIREMENTS

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

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ILLINOIS PROFESSIONAL DESIGN PERM NO. 184-000928

FAU	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
FAP	02-00055-00-WR	COOK	84	10
VAR				
CONTRACT NO. 63557				
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT HPP-M-8003(504)				