



EXISTING CONDITIONS:

- (A) HOT-MIX ASPHALT SURFACE AND BINDER COURSE, 3" & VARIES
- (A1) HOT-MIX ASPHALT SURFACE AND BINDER COURSE, 2 1/2" & VARIES
- (B) P.C.C. BASE COURSE, 9" / P.C.C. PAVEMENT, 10"
- (B1) P.C.C. PAVEMENT, 10"
- (C) COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.24
- (C1) COMBINATION CONCRETE CURB AND GUTTER, TYPE M-4.12
- (C2) COMBINATION CONCRETE CURB AND GUTTER, TYPE B-V.12
- (D) CONCRETE MEDIAN, CORRUGATED OR BARRIER (DOWELLED)
- (E) TIE BARS
- (F) DOWEL BAR

PROPOSED IMPROVEMENTS:

- (1) HOT-MIX ASPHALT SURFACE REMOVAL, VARIABLE DEPTH (3/4" TO 2 1/4")
- (1A) P.C. CONCRETE SURFACE REMOVAL, VARIABLE DEPTH (0" TO 1 1/4")
- (2) HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N70, 1 1/2"
- (3) POLYMERIZED LEVELING BINDER (MACHINE METHOD), IL-4.75, N50, 3/4"
- (4) COMB. CONC. CURB AND GUTTER REMOVAL AND REPLACEMENT (AT LOCATIONS AS DETERMINED BY THE ENGINEER)

* THE EXACT LIMITS OF P.C. CONCRETE SURFACE REMOVAL (VARIABLE DEPTH) SHALL BE DETERMINED IN THE FIELD BY THE RESIDENT ENGINEER AFTER THE HMA ASPHALT SURFACE REMOVAL (VARIABLE DEPTH) IS COMPLETED.

NOTE:

THE CONTRACTOR SHALL PATCH FIRST BEFORE MILLING.
SEE DISTRICT ONE DETAIL.

ROADWAY NAME	HOT-MIX ASPHALT MIXTURE REQUIREMENTS		
	MIXTURE TYPE	AC TYPE	AIR VOIDS
DES PLAINES AVENUE	HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N70 (IL-9.5mm)	PG 64-22	4% @ 70 GYR
	POLYMERIZED LEVELING BINDER (MACHINE METHOD), IL-4.75, N50	SBS/SBR PG 76-28/-22	4% @ 50 GYR
	CLASS D PATCHES (HMA BINDER, IL-19mm)	* PG 64-22	4% @ 70 GYR.
	HMA REPLACEMENT OVER PATCHES (HMA BINDER, IL-19mm)	* PG 64-22	4% @ 70 GYR.
	DRIVEWAY PAVEMENT REMOVAL AND REPLACEMENT HOT-MIX ASPHALT SURFACE COURSE MIX "C", N50, (2" MIN.) HOT-MIX ASPHALT BASE COURSE (HMA BINDER, IL-19 mm), (2 1/4" MIN.)	PG 64-22 * PG 64-22	4% @ 50 GYR. 4% @ 70 GYR.

* WHEN RAP EXCEEDS 20%, THE NEW ASPHALT BINDER IN THE MIX SHALL BE PG 58-22. THE UNIT WEIGHT USED TO CALCULATE ALL HMA MIXTURE QUANTITIES IS 112 LBS/SQ YD/IN.

FILE NAME = D168102-shr-typical.dgn
PLOT DATE = 7/6/2009

CR & A
CHRISTIAN-ROGE & ASSOCIATES, INC.
ENGINEERS-PLANNERS-SURVEYORS
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PHONE: (312)372-2023 FAX: (312)372-5274

DESIGNED - D.L.
DRAWN - B.K.
CHECKED - G.F.L.
DATE - JUNE 2009

REVISED -
REVISED -
REVISED -
REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

TYPICAL SECTIONS
DES PLAINES AVENUE - CERMAK ROAD TO ROOSEVELT ROAD

SCALE: NONE SHEET NO. 1 OF 1 SHEETS STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2759	0505 RS-8	COOK	21	4
CONTRACT NO. 60102				
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				