



EXISTING CONDITIONS:

- (A) HOT-MIX ASPHALT SURFACE AND BINDER COURSE, 2 1/2" & VARIES
- (B) P.C.C. BASE COURSE, 9"
- (B1) P.C.C. PAVEMENT, 10"
- (C) COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.24
- (C1) COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.12
- (D) CONCRETE MEDIAN, CORRUGATED (DOWELLED)
- (D1) CONCRETE MEDIAN, CORRUGATED OR BARRIER (DOWELLED)
- (E) TIE BARS
- (F) DOWEL BAR

PROPOSED IMPROVEMENTS:

- (1) HOT-MIX ASPHALT SURFACE REMOVAL, 2 1/2 "
- (2) POLYMERIZED HOT-MIX ASPHALT SURFACE COURSE, MIX "F", N90, 1 3/4 "
- (3) POLYMERIZED LEVELING BINDER (MACHINE METHOD), IL-4.75, N50, 3/4 "
- (3A) POLYMERIZED LEVELING BINDER (MACHINE METHOD), IL-4.75, N50, VARIES
- (4) COMB. CONC. CURB AND GUTTER REMOVAL AND REPLACEMENT
(AT LOCATIONS AS DETERMINED BY THE ENGINEER)

NOTE:
THE CONTRACTOR SHALL PATCH FIRST BEFORE MILLING.
SEE DISTRICT ONE DETAIL, SHT. NO.

ROADWAY NAME	HOT-MIX ASPHALT MIXTURE REQUIREMENTS		
	MIXTURE TYPE	AC TYPE	AIR VOIDS
WAUKEGAN ROAD	POLYMERIZED HOT-MIX ASPHALT SURFACE COURSE, MIX "F", N90 (IL-9.5mm)	SBS/SBR PG 70-22	4% @ 90 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 AND PARTIAL DEPTH PATCHING (HMA BINDER, IL-19mm)	* PG 64-22	4% @ 70 GYR.
	DRIVEWAY PAVEMENT REMOVAL AND REPLACEMENT HOT-MIX ASPHALT SURFACE COURSE, MIX "C", N50, 2" HOT-MIX ASPHALT BASE COURSE (HMA BINDER IL-19 mm), 2 1/4 " MIN.	PG 64-22 * PG 64-22	4% @ 50 GYR. 4% @ 50 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 = D160456-sh-typool.dgn
PLOT DATE = 6/26/2009

CHRISTIAN-ROGE & ASSOCIATES, INC.
ENGINEERS-PLANNERS-SURVEYORS
211 WEST WACKER DRIVE
CHICAGO, ILLINOIS 60606
PHONE: (312)372-2023 FAX: (312)372-5274

DESIGNED - M.P.	REVISED -
DRAWN - B.K.	REVISED -
CHECKED - G.F.L.	REVISED -
DATE - JUNE 2009	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

TYPICAL SECTIONS
WAUKEGAN ROAD (MILWAUKEE AVE TO DEMPSTER ST)

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

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
348	3271 A-RS-3	COOK	29	4
CONTRACT NO. 60H56				
FED. ROAD DIST. NO. 1 [ILLINOIS] FED. AID PROJECT				