



EXISTING CONDITIONS:

- (A) HOT-MIX ASPHALT SURFACE AND BINDER COURSE, 5 1/2" & VARIES
- (A1) HOT-MIX ASPHALT SURFACE AND BINDER COURSE, 3" & VARIES
- (B) P.C.C. PAVEMENT, 10" (WITH PAVEMENT FABRIC)
- (B1) P.C.C. BASE COURSE, 9"
- (B2) HMA PAVEMENT (FULL DEPTH, 14 1/2")
- (C) COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.12
- (C1) COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.24
- (C2) COMBINATION CONCRETE CURB AND GUTTER, TYPE M-2.12
- (D) CONCRETE MEDIAN, TYPE SM-2.12 OR TYPE SB 6.12
- (D1) CONCRETE MEDIAN SURFACE
- (D2) HMA MEDIAN SURFACE
- (E) TIE BARS
- (F) AGGREGATE SHOULDER
- (G) HMA SHOULDER
- (H) AGGREGATE SUBGRADE (4", 6", 12" & VARIES)

PROPOSED IMPROVEMENTS:

- (1) HOT-MIX ASPHALT SURFACE REMOVAL, 2 1/2"
- (1A) HOT-MIX ASPHALT SURFACE REMOVAL, 1 3/4"
- (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"
- (4) COMB. CONC. CURB AND GUTTER REMOVAL AND REPLACEMENT (AT LOCATIONS DETERMINED BY THE ENGINEER)

NOTES:

- THE CONTRACTOR SHALL MILL MAINLINE PAVEMENT BEFORE PATCHING.
- THE CONTRACTOR SHALL PATCH THE EXIT AND ENTRANCE RAMPS FIRST BEFORE MILLING.

ROADWAY NAME	HOT-MIX ASPHALT MIXTURE REQUIREMENTS		
	MIXTURE TYPE	AC TYPE	AIR VOIDS
U.S. 30 / IL. RTE. 56	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-19)	* PG 64-22	4% @ 70 GYR.
	HMA REPLACEMENT OVER PATCHES AND PARTIAL DEPTH PATCHING (HMA BINDER, IL-19)	* PG 64-22	4% @ 70 GYR.

* WHEN RAMP EXCEEDS 20%

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CHRISTIAN-ROGE & ASSOCIATES, INC.
ENGINEERS-PLANNERS-SURVEYORS
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DESIGNED - G.F.L.	REVISED -
DRAWN - B.K.	REVISED -
CHECKED - M.P.	REVISED -
DATE - FEBRUARY 2009	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

TYPICAL SECTIONS
US 30 / IL 56 TO KENDALL COUNTY LINE & RAMPS AT IL 47
SCALE: NONE SHEET NO. 1 OF 2 SHEETS

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
326	2009-001 RS	KANE/KENDALL	37	4
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				

CONTRACT NO. 60G12