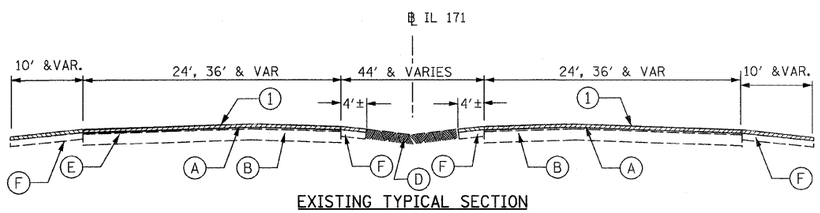
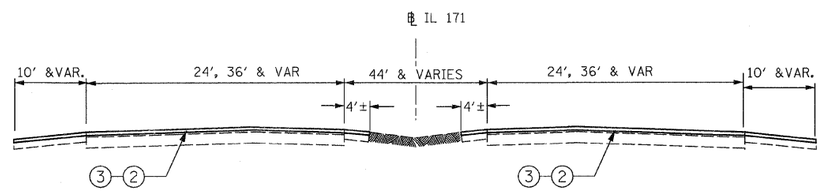


EXISTING TYPICAL SECTION
STA. 12+44 TO STA. 56+50



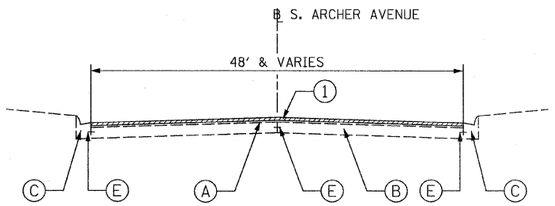
PROPOSED TYPICAL SECTION
STA. 12+44 TO STA. 56+50

EXISTING CONDITIONS:

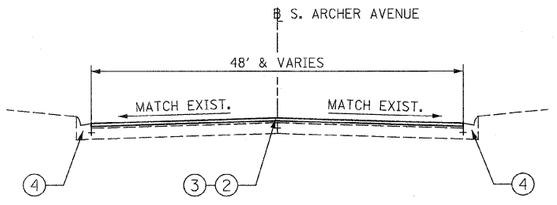
- (A) HOT-MIX ASPHALT SURFACE AND BINDER COURSE, 3″± & VARIES
- (B) P.C.C. BASE COURSE, 9″± & VARIES
- (C) COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.12
- (D) GRASS MEDIAN
- (E) TIE-BARS
- (F) HMA SHOULDERS

PROPOSED IMPROVEMENTS:

- (1) HOT-MIX ASPHALT SURFACE REMOVAL, 2½″
- (2) POLYMERIZED HOT-MIX ASPHALT SURFACE COURSE, MIX "F", N90, 1¾″
- (3) POLYMERIZED LEVELING BINDER (MACHINE METHOD), IL-4.75, N50, ¾″
- (4) COMB. CONC. CURB AND GUTTER REMOVAL AND REPLACEMENT (AS DETERMINED BY THE ENGINEER)



EXISTING TYPICAL SECTION
STA. 56+50 TO STA. 75+19



PROPOSED TYPICAL SECTION
STA. 56+50 TO STA. 75+19

NOTE:
THE CONTRACTOR SHALL MILL FIRST BEFORE PATCHING.

HOT-MIX ASPHALT MIXTURE REQUIREMENTS			
ROADWAY NAME	MIXTURE TYPE	AC TYPE	AIR VOIDS
IL RTE. 171	POLYMERIZED HOT-MIX ASPHALT SURFACE COURSE, MIX "F", N90 (IL 9.5 mm)	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 mm)	✳ PG 64-22	4% @ 70 GYR.
	HMA REPLACEMENT OVER PATCHES (HMA BINDER IL-19 mm)	✳ PG 64-22	4% @ 70 GYR.
	DRIVEWAY PAVEMENT REMOVAL AND REPLACEMENT HOT-MIX ASPHALT SURFACE COURSE, MIX "C", N50 HOT-MIX ASPHALT BASE COURSE (HMA BINDER IL-19 mm)	✳ PG 64-22 PG 64-22/58-22	4% @ 50 GYR. 4% @ 50 GYR.

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

FILE NAME = D160H41-sht-typical.dgn
PLOT DATE = 4/21/2009

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

DESIGNED - G.F.L.	REVISED -	
DRAWN - B.K.	REVISED -	
CHECKED - M.P.	REVISED -	
DATE - APRIL 20, 2009	REVISED -	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

TYPICAL SECTIONS
IL. RTE. 171 (I-55 TO IL. RTE. 43)

SCALE: NONE | SHEET NO. 1 OF 1 SHEETS | STA. 12+44 TO STA. 75+19

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
373	2009-053 RS	COOK	20	4
		CONTRACT NO. 60H41		
FED. ROAD DIST. NO. 1	ILLINOIS	FED. AID PROJECT		