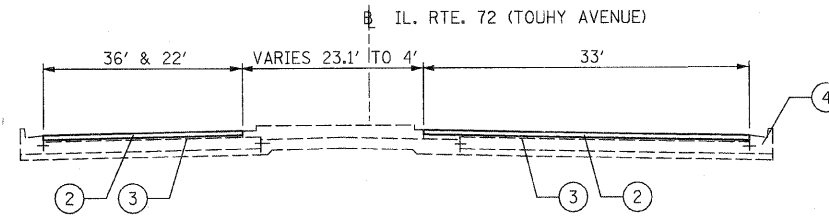
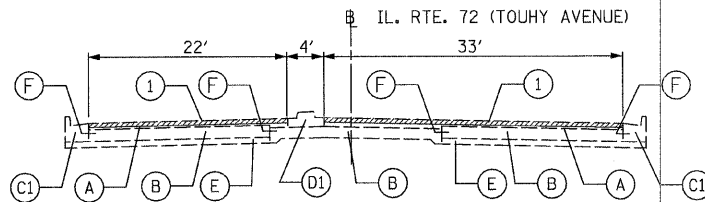


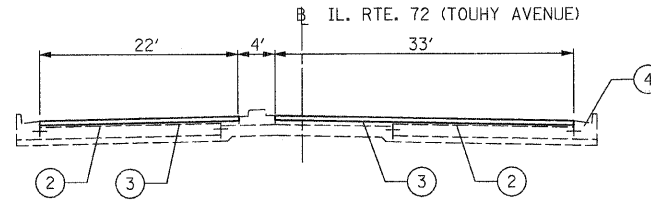
EXISTING TYPICAL SECTION
STA. 101+21 TO STA. 105+05



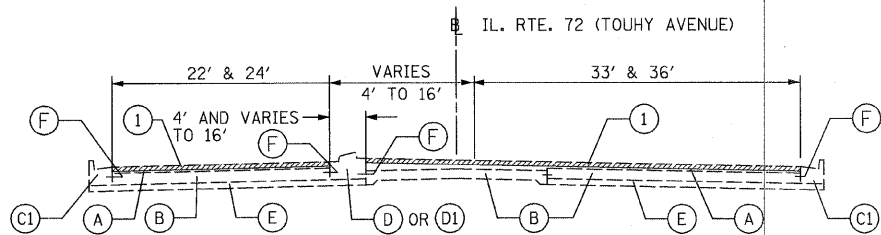
PROPOSED TYPICAL SECTION
STA. 101+21 TO STA. 105+05



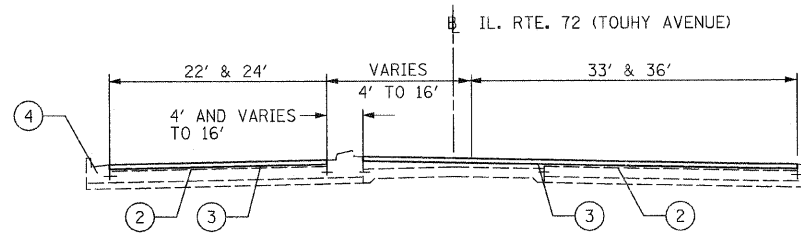
EXISTING TYPICAL SECTION
STA. 105+05 TO STA. 109+93



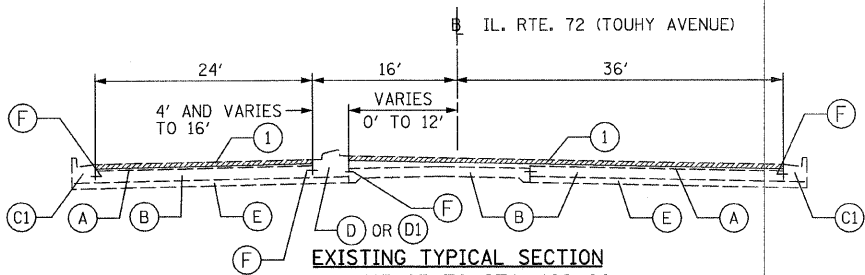
PROPOSED TYPICAL SECTION
STA. 105+05 TO STA. 109+93



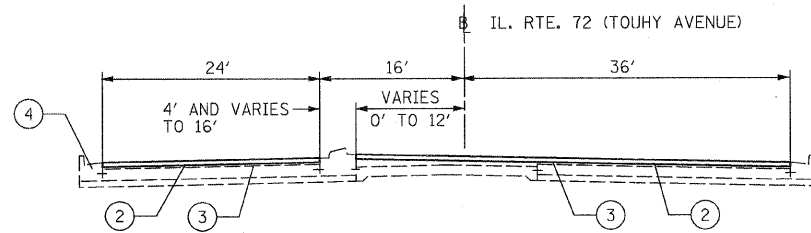
EXISTING TYPICAL SECTION
STA. 109+93 TO STA. 115+85



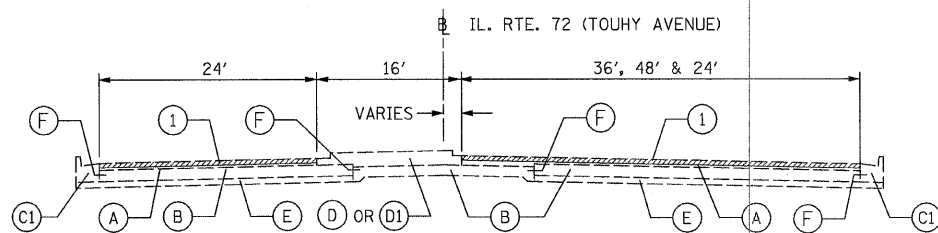
PROPOSED TYPICAL SECTION
STA. 109+93 TO STA. 115+85



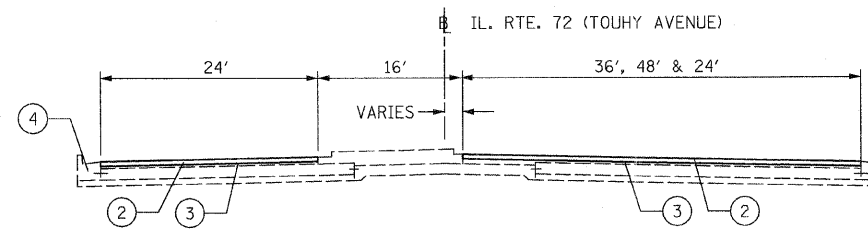
EXISTING TYPICAL SECTION
STA. 115+85 TO STA. 122+20



PROPOSED TYPICAL SECTION
STA. 115+85 TO STA. 122+20



EXISTING TYPICAL SECTION
STA. 122+20 TO STA. 131+48



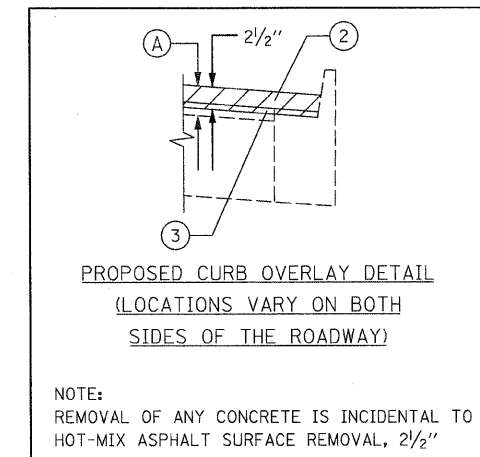
EXISTING TYPICAL SECTION
STA. 122+20 TO STA. 131+48

EXISTING CONDITIONS:

- (A) HOT-MIX ASPHALT SURFACE AND BINDER COURSE, 3" & VARIES
- (B) P.C.C. BASE COURSE, 9" OR P.C.C. PAVEMENT, 10"
- (C) COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.12
- (C1) COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.18
- (C2) COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.24
- (C3) CONCRETE CURB, TYPE B-6
- (C4) CONCRETE CURB, TYPE B-6 (DOWELLED)
- (D) CONCRETE MEDIAN, BARRIER OR MOUNTABLE
- (D1) CONCRETE MEDIAN, CORRUGATED OR BARRIER (DOWELLED)
- (E) SUB-BASE GRANULAR, TYPE B, 4" OR 6"
- (F) TIE-BARS

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 "
- (4) COMB. CONC. CURB AND GUTTER REMOVAL AND REPLACEMENT (AS DETERMINED BY THE ENGINEER)



* 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.

ROADWAY NAME	HOT-MIX ASPHALT MIXTURE REQUIREMENTS		
	MIXTURE TYPE	AC TYPE	AIR VOIDS
IL 72 (TOUHY AVE./HIGGINS RD.)	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
	TEMPORARY PAVEMENT (HMA SURFACE COURSE, MIX "D", N50, IL-9.5mm)	* PG 64-22	4% @ 50 GYR
	TEMPORARY PAVEMENT (HMA BINDER COURSE, IL-19, N50)	* PG 64-22/58-22	4% @ 50 GYR
	MOT STAGE I (HMA SURFACE COURSE, MIX "D", N50, IL 9.5mm)	* PG 64-22	4% @ 50 GYR
	CLASS D PATCHES (HMA BINDER, IL-19)	* PG 64-22	4% @ 70 GYR.
	HMA REPLACEMENT OVER PATCHES (HMA BINDER, IL-19)	* PG 64-22	4% @ 70 GYR.

NOTE:
THE CONTRACTOR SHALL PATCH FIRST BEFORE MILLING.

FILE NAME = D160F40-shr-typical.dgn
PLOT DATE = 3/6/2009

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.
DRAWN - B.K.
CHECKED - M.P.
DATE - MARCH 13, 2009

REVISED -
REVISED -
REVISED -
REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

TYPICAL SECTIONS
IL 72 (TOUHY AVE./HIGGINS RD.)
SCALE: NONE SHEET NO. 1 OF 3 SHEETS STA. VARIOUS TO STA. VARIOUS

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1350	2008-063 RS	COOK	42	4
FED. ROAD DIST. NO. 1 (ILLINOIS) FED. AID PROJECT			CONTRACT NO. 60F40	