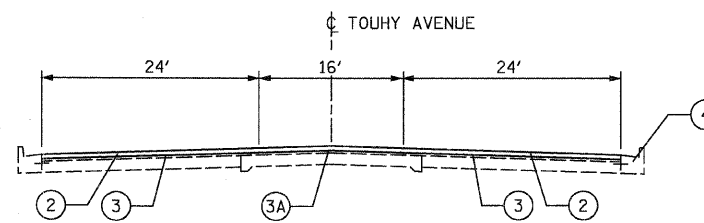
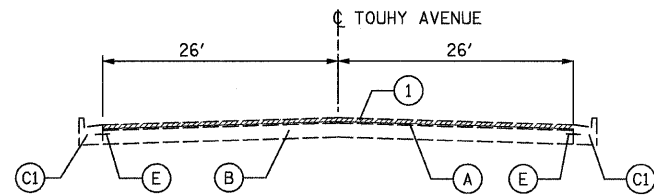


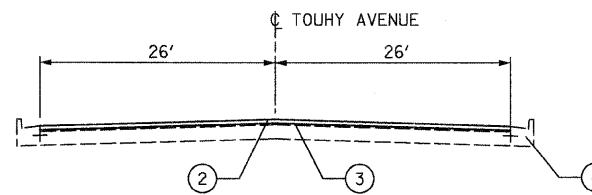
**EXISTING TYPICAL SECTION**  
STA. 135+88 TO STA. 153+19  
(OMISSION STA. 153+19 TO STA. 165+06)



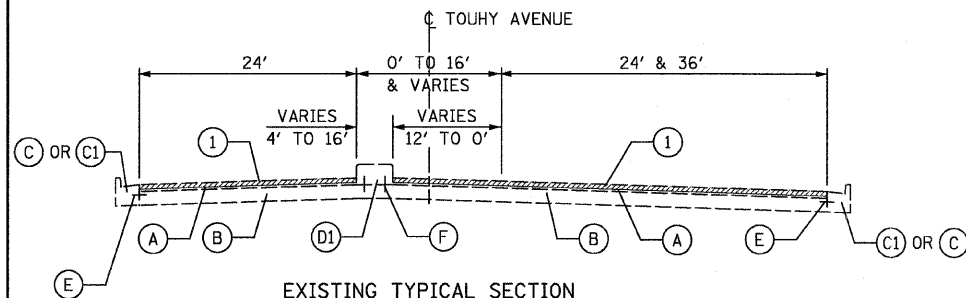
**PROPOSED TYPICAL SECTION**  
STA. 135+88 TO STA. 153+19  
(OMISSION STA. 153+19 TO STA. 165+06)



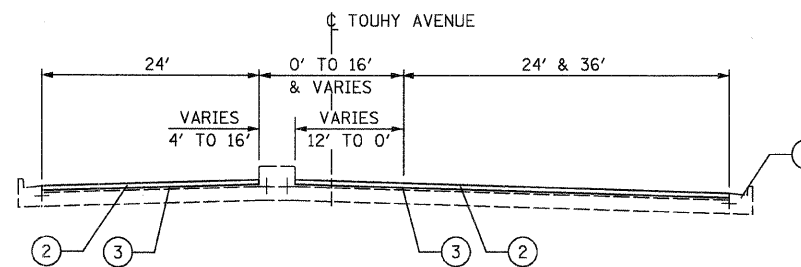
**EXISTING TYPICAL SECTION**  
STA. 165+06 TO STA. 195+50



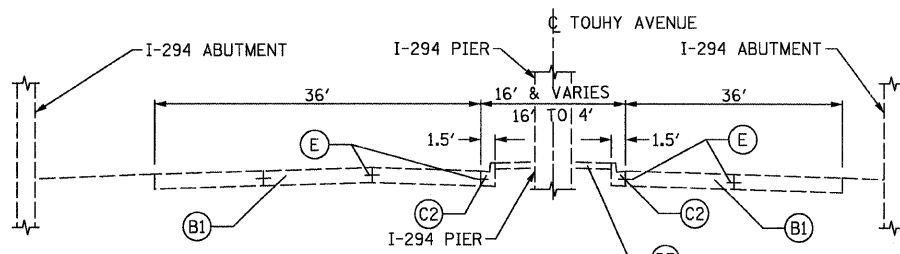
**PROPOSED TYPICAL SECTION**  
STA. 165+06 TO STA. 195+50



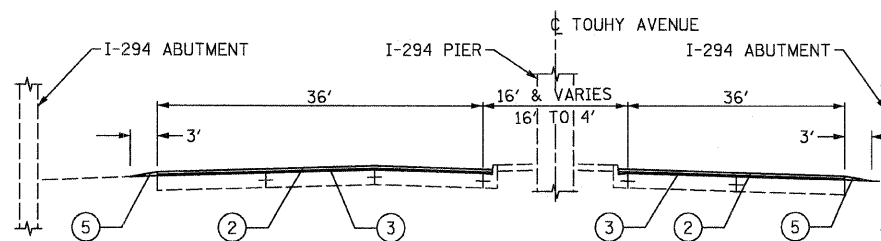
**EXISTING TYPICAL SECTION**  
STA. 195+50 TO STA. 204+60



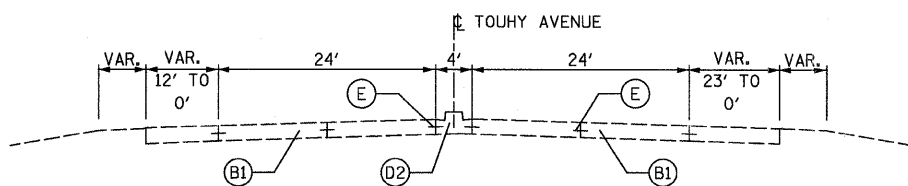
**PROPOSED TYPICAL SECTION**  
STA. 195+50 TO STA. 204+60



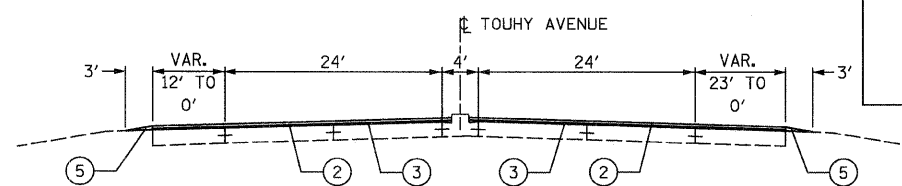
**EXISTING TYPICAL SECTION**  
STA. 204+60 TO STA. 207+69



**PROPOSED TYPICAL SECTION**  
STA. 204+60 TO STA. 207+69



**EXISTING TYPICAL SECTION**  
STA. 207+69 TO STA. 223+37



**PROPOSED TYPICAL SECTION**  
STA. 207+69 TO STA. 223+37

**EXISTING CONDITIONS:**

- (A) HOT-MIX ASPHALT SURFACE AND BINDER COURSE, 3" & 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 M-6.12
- (C2) COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.06
- (D) CONCRETE MEDIAN, (DOWELLED)
- (D1) CONCRETE MEDIAN, CORRUGATED OR BARRIER (DOWELLED)
- (D2) CONCRETE MEDIAN, BARRIER TYPE SB-6.06 OR CORRUGATED
- (D3) CONCRETE MEDIAN SURFACE, 4"
- (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)
  - (5) AGGREGATE WEDGE SHOULDER, TYPE B
  - (6) LONGITUDINAL JOINT REPAIR (AT LOCATIONS AS DETERMINED BY THE ENGINEER)
- SEE DETAIL ON PLAN SHEET NO. 6.

**NOTE:**

THE CONTRACTOR SHALL MILL FIRST BEFORE PATCHING.

ROADWAY NAME	HOT-MIX ASPHALT MIXTURE REQUIREMENTS		
	MIXTURE TYPE	AC TYPE	AIR VOIDS
TOUHY AVENUE	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%

FILE NAME = D168F39-sht-typicals.dgn  
PLOT DATE = 1/8/2009

**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 - JANUARY 2009	REVISED -

**STATE OF ILLINOIS**  
**DEPARTMENT OF TRANSPORTATION**

**TYPICAL SECTIONS**  
**TOUHY AVENUE - LEE STREET TO DES PLAINES RIVER**

F.A.P. RTE. 341	SECTION 2008-062 RS	COUNTY COOK	TOTAL SHEETS 28	SHEET NO. 4
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT			CONTRACT NO. 60F39	

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