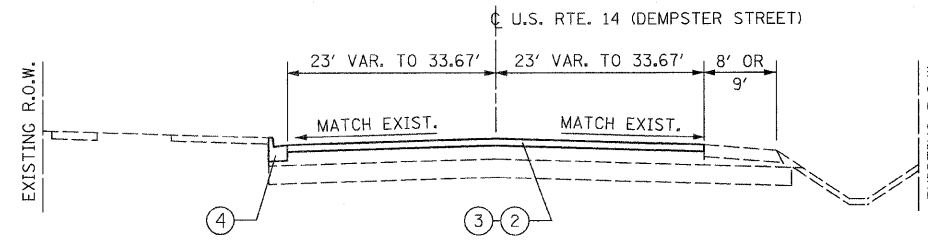
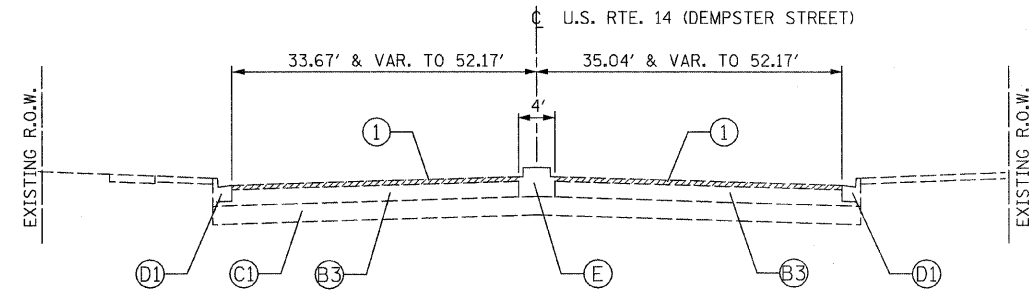


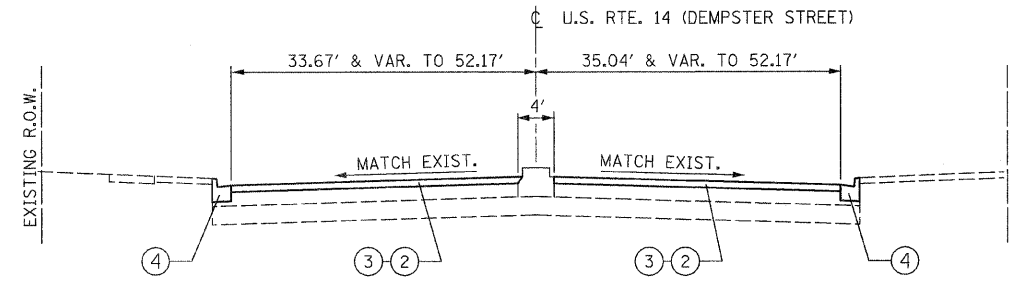
EXISTING TYPICAL SECTION
STA. 121+04 TO STA 123+21



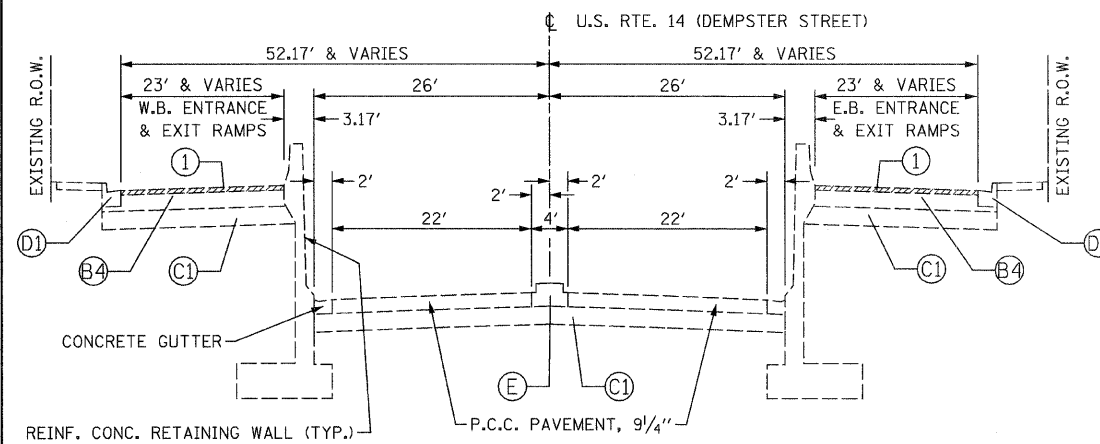
PROPOSED TYPICAL SECTION
STA. 121+04 TO STA 123+21



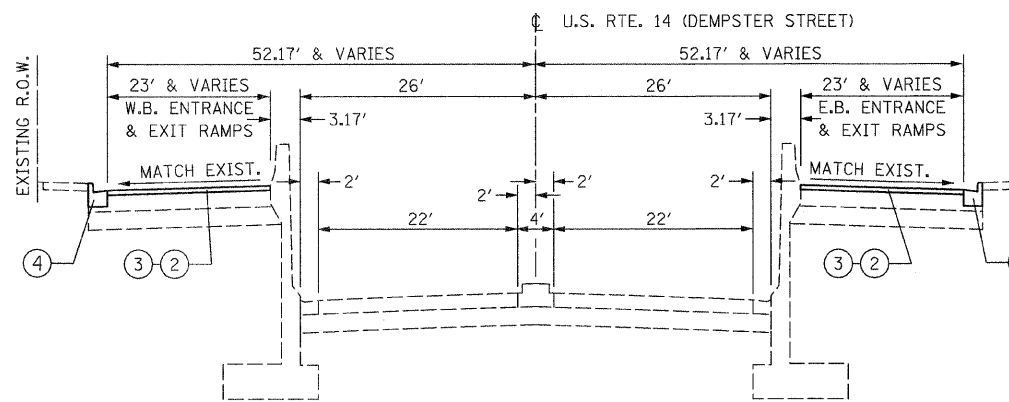
EXISTING TYPICAL SECTION
STA. 123+21 TO STA. 127+22
STA. 141+00 TO STA. 143+55.7



PROPOSED TYPICAL SECTION
STA. 123+21 TO STA. 127+22
STA. 141+00 TO STA. 143+55.7



EXISTING TYPICAL SECTION
STA. 127+00 TO STA 141+00



PROPOSED TYPICAL SECTION
STA. 127+22 TO STA. 141+00
OMISSION STA. 133+82.3 TO STA. 134+81.7

EXISTING CONDITIONS:

- (A) HOT-MIX ASPHALT SURFACE AND BINDER COURSE, 5", 7" & VARIES
- (B) P.C. CONCRETE PAVEMENT, 9"
- (B1) P.C. CONCRETE BASE COURSE, 8' OR 9"
- (B2) HOT MIX ASPHALT BASE COURSE, 12"
- (B3) HOT MIX ASPHALT PAVEMENT (FULL DEPTH), 15 1/2"
- (B4) HOT MIX ASPHALT PAVEMENT (FULL DEPTH), 15 3/4"
- (B5) HOT MIX ASPHALT PAVEMENT (FULL DEPTH)
- (C) AGGREGATE SUBGRADE, 4", 6" AND VARIES
- (C1) AGGREGATE SUBGRADE, 12"
- (D) COMBINATION CONCRETE CURB & GUTTER, TYPE B-6.24
- (D1) COMBINATION CONCRETE CURB & GUTTER, TYPE B-6.18
- (D2) COMBINATION CONCRETE CURB & GUTTER, TYPE B-6.12
- (E) CONCRETE MEDIAN, TYPE SB-6.06
- (E1) CONCRETE MEDIAN, TYPE SB-6.12
- (E2) CONCRETE MEDIAN, TYPE SM-2.12
- (F) TIE BAR

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 (LOCATION AS DETERMINED BY THE ENGINEER)

NOTE:

THE CONTRACTOR SHALL MILL FIRST BEFORE PATCHING.

ROADWAY NAME	HOT-MIX ASPHALT MIXTURE REQUIREMENTS		
	MIXTURE TYPE	AC TYPE	AIR VOIDS
U.S. RTE. 14 (DEMPSTER STREET)	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.

* 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 = D162F26-sht-tp1001.dgn
PLOT DATE = 3/30/2009

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

DESIGNED - C.F.L.
DRAWN - B.K.
CHECKED - M.P.
DATE - MARCH 2009

REVISED -
REVISED -
REVISED -
REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

TYPICAL SECTIONS
US 14 (DEMPSTER STREET) GRACE AVE. TO ILL 43 (WAUKEGAN RD.)
SCALE: NONE SHEET NO. 2 OF 3 SHEETS STA. 121+04 TO STA. 143+55.7

F.A.U. RTE. 1324	SECTION 3228 D-2-Y-RS-1	COUNTY COOK	TOTAL SHEETS 32	SHEET NO. 5
CONTRACT NO. 60F26				
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				