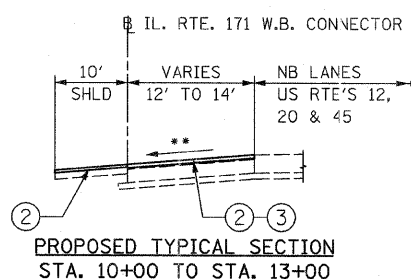
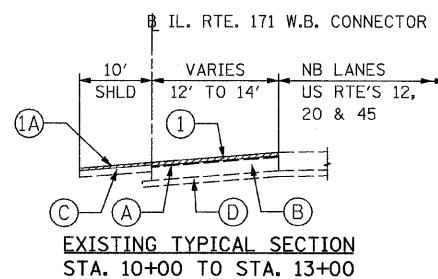
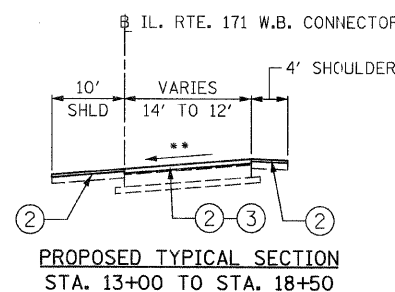
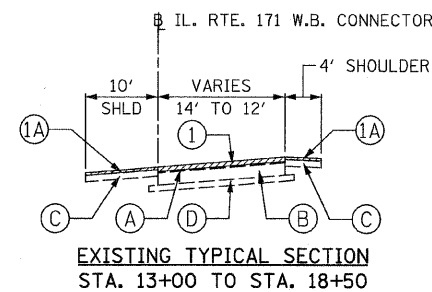
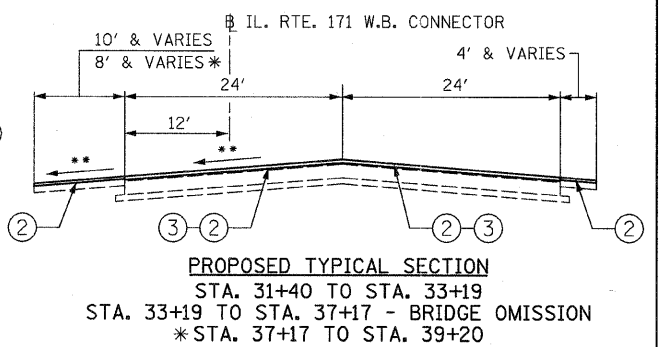
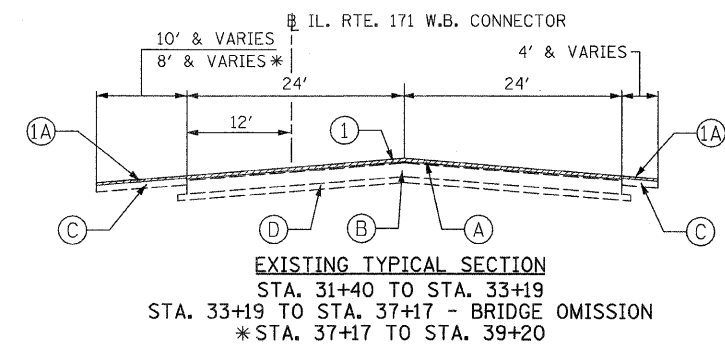
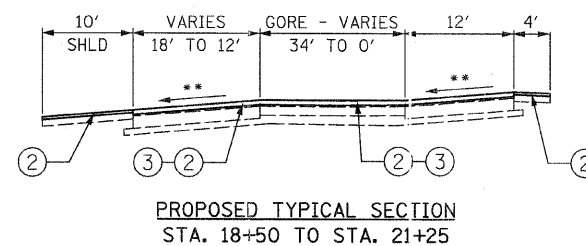
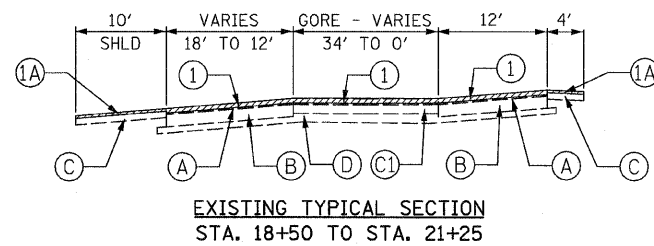
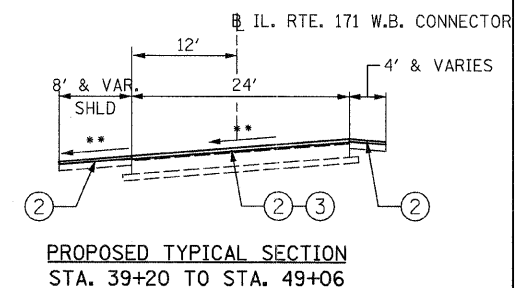
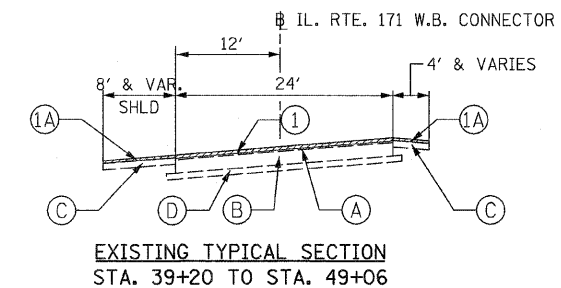
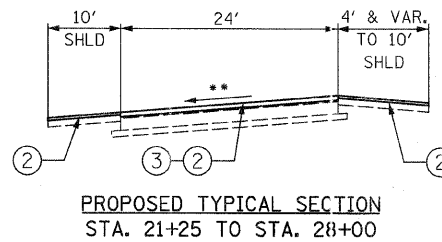
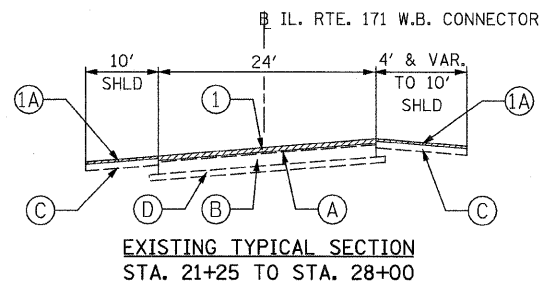


EXISTING CONDITIONS

- (A) HOT-MIX ASPHALT SURFACE AND BINDER COURSE, 3" & VARIES
- (B) P.C. CONCRETE BASE COURSE, 9" & VARIES
- (C) HMA SHOULDER
- (C1) HMA GORE
- (D) AGGREGATE SUNGRADE, 4" & VARIES

PROPOSED IMPROVEMENTS

- (1) HOT-MIX ASPHALT SURFACE REMOVAL, 2 1/2"
- (1A) HOT-MIX ASPHALT SURFACE REMOVAL, 1 3/4"
- (2) POLYMERIZED HMA SURFACE COURSE, MIX "F", N90, 1 3/4"
- (3) POLYMERIZED LEVELING BINDER (MACHINE METHOD), IL-4.75, N50, 3/4"



** NOTE:

MATCH EXISTING CROSS SLOPES.

NOTE:

THE CONTRACTOR SHALL PATCH FIRST BEFORE MILLING.

ROADWAY NAME	HOT-MIX ASPHALT MIXTURE REQUIREMENTS		
	MIXTURE TYPE	AC TYPE	AIR VOIDS
IL. RTE. 171 W.B. CONNECTOR	POLYMERIZED HMA SURFACE COURSE, MIX "F", N90, 1 3/4"	PG 64-22	4% @ 70 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.

* 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 = D160H42-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.
DRAWN - B.K.
CHECKED - M.P.
DATE - APRIL 2009

REVISED -
REVISED -
REVISED -
REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**TYPICAL SECTIONS
IL. RTE. 171 WEST BOUND CONNECTOR**

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

F.A.U. RTE. 1568	SECTION BR-RS	COUNTY COOK	TOTAL SHEETS 13	SHEET NO. 4
CONTRACT NO. 60H42				
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				