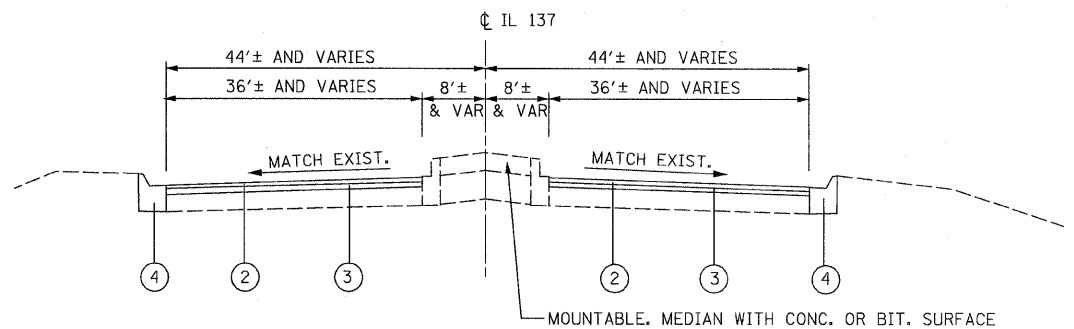
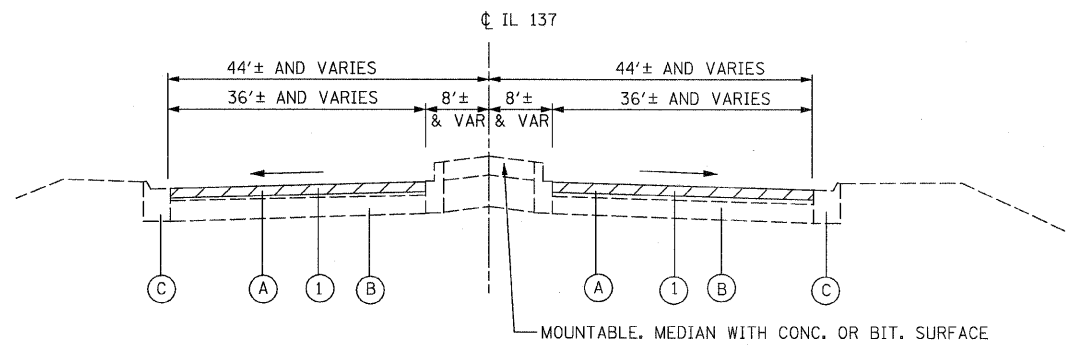
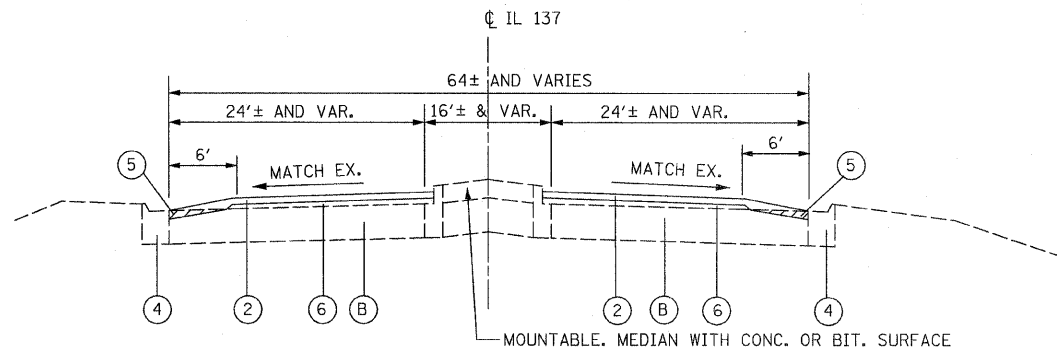


HOT-MIX ASPHALT MIXTURE REQUIREMENTS			
ROADWAY NAME	MIXTURE TYPE	AC TYPE	AIR VOIDS
IL 137	HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N70 (IL-9.5mm)	PG 64-22	4% @ 70 GYR
	POLYMERIZED LEVELING BINDER (MACHINE METHOD), IL-4.75, N50	SBS/SBR PG 76-28/22	4% @ 50 GYR
	CLASS D PATCHES (HMA BINDER, IL-19)	* PG 64-22	4% @ 70 GYR.
	HMA REPLACEMENT OVER PATCHES (HMA BINDER, IL-19)	* 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.



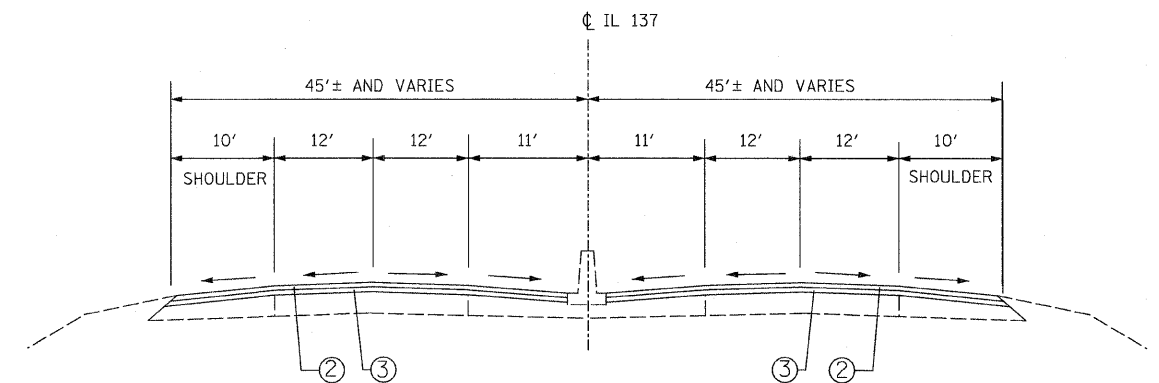
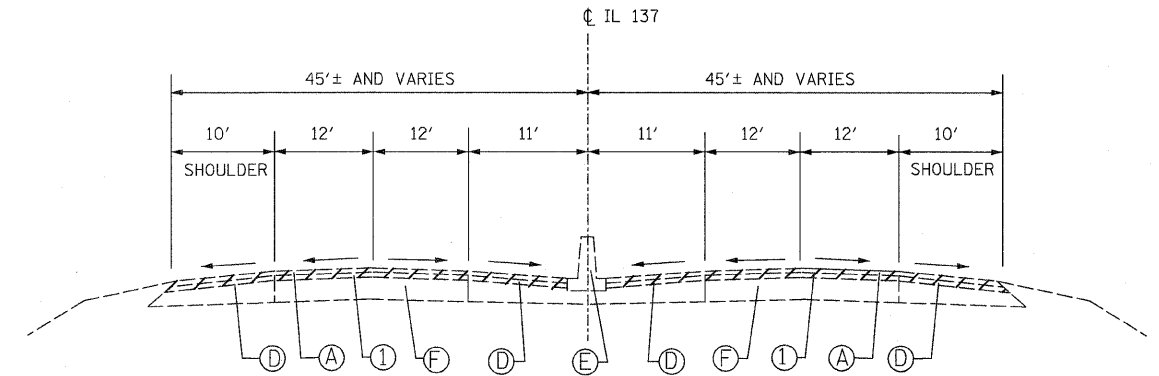
* THE CONTRACTOR SHALL PATCH FIRST BEFORE MILLING.

EXISTING CONDITIONS:

- (A) HOT-MIX ASPHALT SURFACE AND BINDER COURSE
- (B) P.C.C. PAVEMENT, 10"
- (C) COMBINATION CONCRETE CURB AND GUTTER
- (D) BITUMINOUS SHOULDER, 10"
- (E) CONC. BARRIER MEDIAN
- (F) HOT-MIX ASPHALT BINDER COURSE, 12 1/2"

PROPOSED IMPROVEMENTS:

- (1) HOT-MIX ASPHALT SURFACE REMOVAL, 2 1/2"
- (2) HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N70, 1 3/4"
- (3) POLYMERIZED LEVELING BINDER (MACHINE METHOD), IL-4.75, N50, 3/4"
- (4) COMB. CONC. CURB AND GUTTER REMOVAL AND REPLACEMENT
- (5) P.C.C. SURFACE REMOVAL VARIABLE DEPTH (SEE HMA TAPER AT EDGE OF P.C.C. PAVEMENT DETAIL)
- (6) POLYMERIZED LEVELING BINDER (MACHINE METHOD), IL-4.75, N50, 1"



FILE NAME = D160E23-shr-typical.dgn
PLOT DATE = 2/18/2009

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

DESIGNED - K.R.K.
DRAWN - A.C.S.
CHECKED - S.J.P.
DATE - FEBRUARY 10, 2009

REVISED -
REVISED -
REVISED -
REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

TYPICAL SECTIONS
IL 137 (BUCKLEY ROAD /AMSTUTZ EXPRESSWAY)

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

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
352	56 RS-8	LAKE	39	4
CONTRACT NO. 60E23				
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				