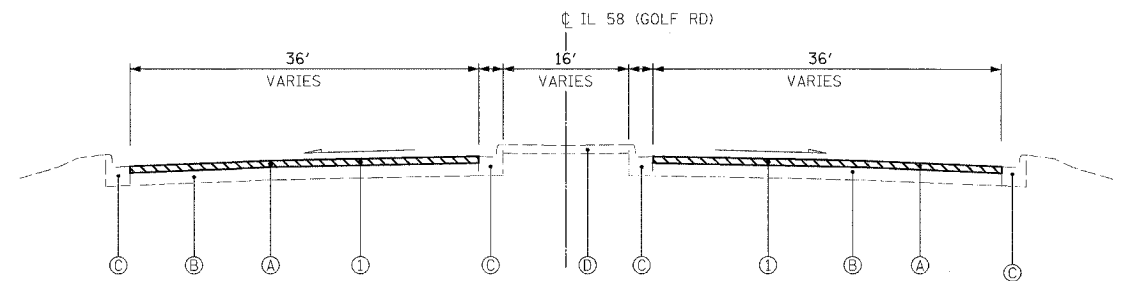
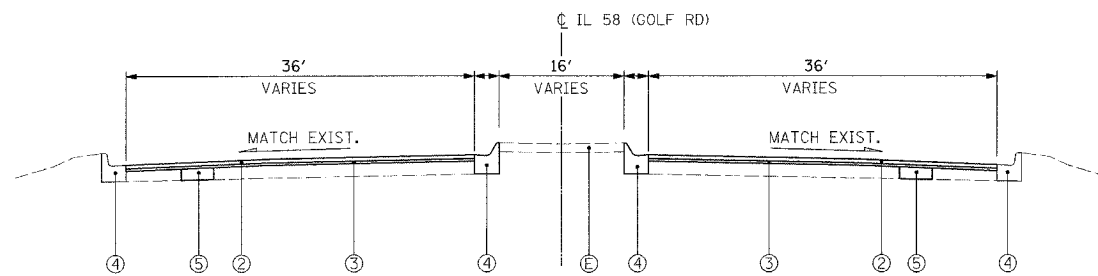


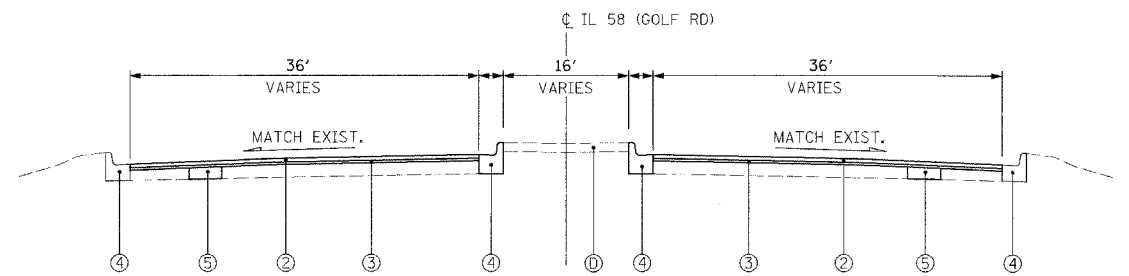
EXISTING TYPICAL SECTION  
STA. 17+83 TO STA. 76+10



EXISTING TYPICAL SECTION  
STA. 76+10 TO STA. 114+80



PROPOSED TYPICAL SECTION  
STA. 17+83 TO STA. 76+10



PROPOSED TYPICAL SECTION  
STA. 76+10 TO STA. 114+80

**EXISTING CONDITIONS:**

- (A) HOT-MIX ASPHALT SURFACE AND BINDER COURSE, 3" AND VARIES
- (B) PORTLAND CEMENT CONCRETE BASE COURSE, 10"
- (C) COMBINATION CONCRETE CURB AND GUTTER
- (D) RAISED CONCRETE MEDIAN
- (E) MOUNTABLE HMA MEDIAN

**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) COMBINATION CONCRETE CURB AND GUTTER REMOVAL AND REPLACEMENT (AS DIRECTED BY ENGINEER)
- (5) CLASS D PATCHES, 10" (DETERMINED BY ENGINEER IN FIELD)

**HOT-MIX ASPHALT MIXTURE REQUIREMENTS CHART**

OPERATIONS	MIXTURE TYPE	AC TYPE	PERCENT AIR VOIDS
ROADWAY AND BRIDGE APPROACH RESURFACING	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 70-28/-22	4% @ 50 GYR
	LEVELING BINDER (HAND METHOD), N70 (IL-9.5MM)	PG 64-22 *	4% @ 70 GYR
PAVEMENT PATCHING	CLASS D PATCHES, 10" (HMA BINDER IL-19 MM)	PG 64-22 *	4% @ 70 GYR
	HOT-MIX ASPHALT REPLACEMENT OVER PATCHES (HMA BINDER, IL-19 MM)	PG 64-22 *	4% @ 70 GYR

THE UNIT WEIGHT USED TO CALCULATE ALL HMA SURFACE MIXTURE QUANTITIES IS 112 LBS/SQ YD/IN.

\* WHEN RAP EXCEEDS 20%, THE NEW ASPHALT BINDER IN THE MIX SHALL BE PG 58-22.

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**Ciorba Group, Inc.**  
CONSULTING ENGINEERS  
5507 North Cumberland Avenue, Suite 402  
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Tel: 773.775.4009 Fax: 773.775.4014

USER NAME = mbalog	DESIGNED - RD	REVISED -
PLOT SCALE = 5,0000 1" = 100'	DRAWN - RD	REVISED -
PLOT DATE = 4/6/2008	CHECKED - WBL	REVISED -
	DATE - 04/7/2008	REVISED -

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

SCALE:	SHEET NO. OF SHEETS	STA. TO STA.

**ILLINOIS ROUTE 58  
BASSWOOD ROAD TO I-290  
TYPICAL SECTIONS**

F.A.P. RTE. 559	SECTION 582R (1&3) RS-1	COUNTY COOK	TOTAL SHEETS 27	SHEET NO. 4
FED. ROAD DIST. NO. - ILLINOIS FED. AID PROJECT				CONTRACT NO. 60E21