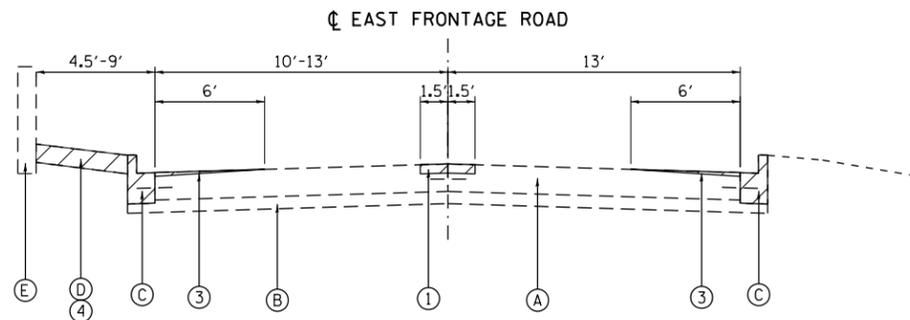


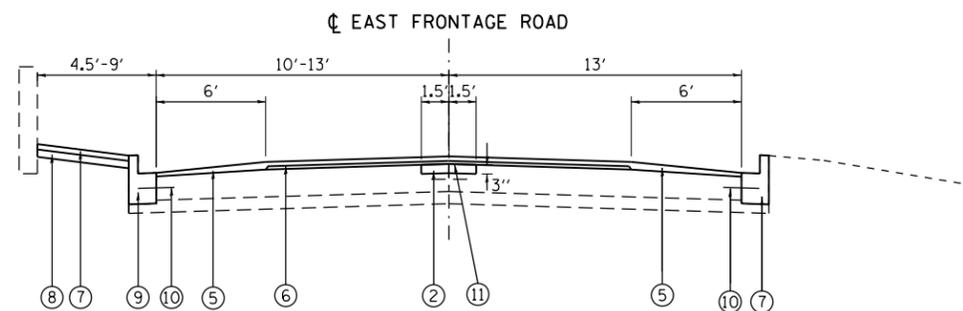
IL ROUTE 83



**EXISTING TYPICAL SECTION**

STA. 100+00 TO STA. 129+46  
STA. 80+00 TO STA. 80+36

IL ROUTE 83



**PROPOSE TYPICAL SECTION**

STA. 100+00 TO STA. 129+46  
STA. 80+00 TO STA. 80+36

**EXISTING CONDITIONS**

- (A) PCC PAVEMENT, 9"
- (B) GRANULAR SUB-BASE, 4"
- (C) COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.24 DEPRESSED ACROSS INTERSECTIONS
- (D) HOT-MIX ASPHALT SHOULDER, 7"
- (E) BARRIER/NOISE WALL
- [Hatched Box] ITEMS TO BE REMOVED

**PROPOSED IMPROVEMENTS**

- (1) PARTIAL DEPTH REMOVAL, 3"
  - (2) PARTIAL DEPTH PATCHING (HMA BINDER-19.0mm), 3"
  - (3) PCC SURFACE REMOVAL (PARTIAL DEPTH), 1 1/4" TO 0"
  - (4) PAVED SHOULDER REMOVAL
  - (5) HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N70, 1 1/2"
  - (6) LEVELING BINDER (MACHINE METHOD), N70, 1"
  - (7) HOT-MIX ASPHALT SHOULDERS, 3"
  - (8) SUBBASE GRANULAR MATERIAL, TYPE B 4"
  - (9) COMBINATION CURB AND GUTTER REMOVAL AND REPLACEMENT (AS DETERMINED BY THE ENGINEER)
  - (10) NO. 6 x 24" EPOXY COATED, DEFORMED TIE BARS AT 24" C-C (INCLUDED IN COST OF COMBINATION CURB AND GUTTER REMOVAL AND REPLACEMENT)
  - (11) STRIP REFLECTIVE CRACK CONTROL SYSTEM
- SEE PLANS FOR PAVEMENT MARKING PLACEMENT.

•CONTRACTOR SHALL MILL FIRST BEFORE PATCHING

HOT-MIX ASPHALT MIXTURE REQUIREMENTS	
MIXTURE TYPE	AIR VOIDS
<b>RESURFACING</b>	
HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N70, ( IL 9.5mm ) ( 1 1/2" )	4% @ 70 GYR
LEVELING BINDER (MACHINE METHOD), N70, ( IL 9.5mm ) ( 1" )	4% @ 70 GYR
<b>SHOULDER</b>	
HMA SHOULDER ( HMA BINDER-19mm ), 3"	4% @ 70 GYR
<b>PATCHING</b>	
CLASS D PATCHES ( HMA BINDER IL-19mm ), 9"	4% @ 70 GYR
PARTIAL DEPTH PATCHING ( HMA BINDER-19mm ), 3"	4% @ 70 GYR

THE UNIT WEIGHT USED TO CALCULATE ALL HOT-MIX ASPHALT SURFACE MIXTURE A IS 112 LBS/SO YD/IN.

THE "AC TYPE" FOR POLYMERIZED HMA MIXES SHALL BE "SBS/SBR PG 76-22" AND FOR NON-POLYMERIZED HMA THE "AC TYPE" SHALL BE "PG 64-22" UNLESS MODIFIED BY DISTRICT ONE SPECIAL PROVISIONS.

FOR "PERCENT OF RAP" SEE DISTRICT ONE SPECIAL PROVISIONS.

USER NAME = 1485	DESIGNED - EF	REVISED -
	DRAWN - EF	REVISED -
PLOT SCALE = 100.0000' / 1" =	CHECKED - RS	REVISED -
PLOT DATE = 10/15/2012	DATE - 10-23-2012	REVISED -

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
344	540R-RS-3	DUPAGE	11	4
CONTRACT NO. 60N50			ILLINOIS FED. AID PROJECT	