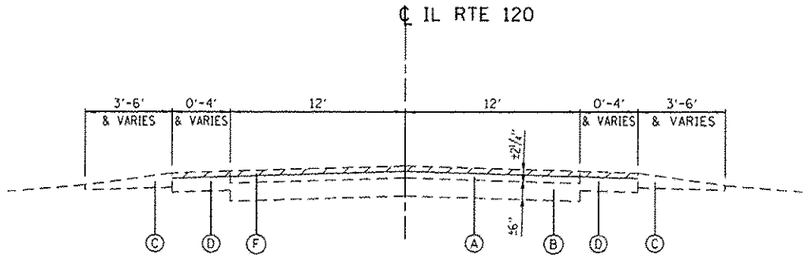
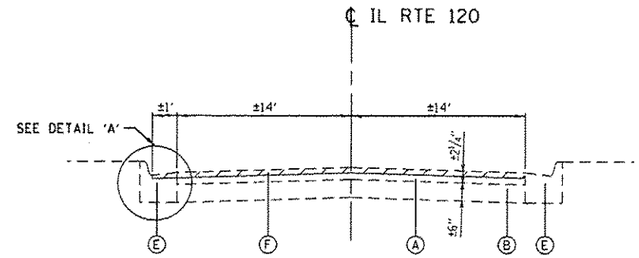


EXISTING TYPICAL SECTION

FACING EAST
STA. 109+95 TO STA. 200+75
N.T.S.

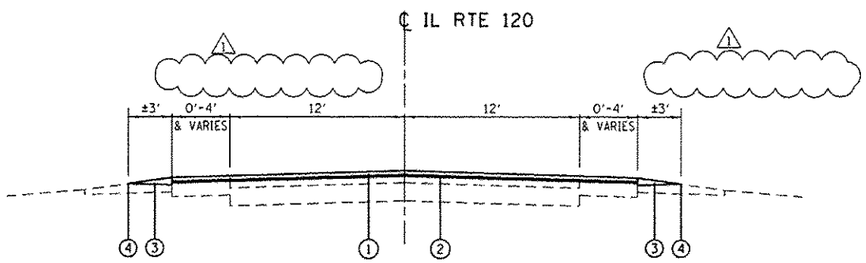


EXISTING TYPICAL SECTION

FACING EAST
STA. 200+75 TO STA. 229+70
STA. 244+29 TO STA. 252+00
N.T.S.

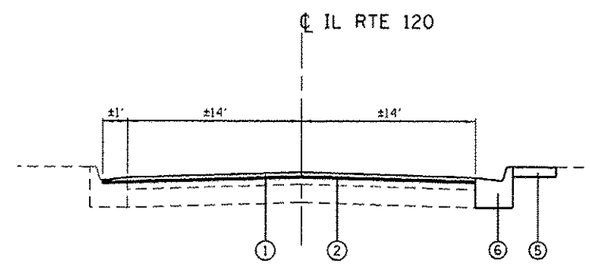
EXISTING LEGEND

- (A) HMA PAVEMENT, VARIES 2¼"-7"
- (B) PCC PAVEMENT, VARIES 6"-10"
- (C) AGGREGATE SHOULDER, VARIABLE DEPTH
- (D) HMA SHOULDER
- (E) PCC CURB & GUTTER
- (F) HMA SURFACE REMOVAL, 2¼"



PROPOSED TYPICAL SECTION

FACING EAST
STA. 109+95 TO STA. 200+75
N.T.S.



PROPOSED TYPICAL SECTION

FACING EAST
STA. 200+75 TO STA. 229+70
STA. 244+29 TO STA. 252+00
N.T.S.

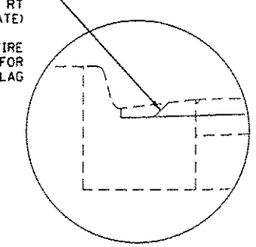
PROPOSED LEGEND

- (1) HMA SURFACE COURSE, MIX "D", N70, 1½"
- (2) POLYMERIZED LEVELING BINDER (MM), IL-4.75, N50, ¾"
- * (3) AGGREGATE WEDGE SHOULDER, TYPE B
- * (4) GRADING & SHAPING SHOULDERS
- * (5) TOPSOIL FURNISH AND PLACE, 4" AND SEEDING, CLASS 2A
- * (6) COMBINATION CONCRETE CURB & GUTTER REMOVAL AND REPLACEMENT

* NOTE: LIMITS OF THESE PROPOSED ITEMS TO BE DETERMINED IN THE FIELD BY THE RESIDENT ENGINEER.

EXISTING HMA SURFACE EXTENDS INTO THE GUTTER FLAG FROM STA. 200+75 TO STA. 229+70 LT & RT (LIMITS ARE APPROXIMATE)

REMOVE AND OVERLAY THE ENTIRE WIDTH OF HMA SURFACE COURSE FOR THE DRIVE LANE AND GUTTER FLAG



DETAIL "A"

MIX DESIGNS	AIR VOIDS (%) @ N_{DES}
RESURFACING	
1 **HMA SURFACE COURSE, MIX 'D', N70 (IL-9.5mm); 1½"	4% @ 70 GYRATIONS
POLYMERIZED LEVELING BINDER, IL-4.75, N50; ¾"	3.5% @ 50 GYRATIONS
PATCHING	
CLASS D PATCHES (BINDER IL-19MM)	4% @ 70 GYRATIONS
HMA REPLACEMENT OVER PATCHES	4% @ 70 GYRATIONS

NOTE: THE UNIT WEIGHT USED TO CALCULATE ALL HOT-MIX ASPHALT SURFACE MIXTURES IS 112 LBS/SY/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.

1 ~~FOR USE OF RECYCLED MATERIALS SEE SPECIAL PROVISIONS.~~
**PFP SPECIAL PROVISION ONLY APPLIES TO HMA SURFACE CSE, MIX D, N70

THE CONTRACTOR SHALL PATCH FIRST BEFORE MILLING

1 ENTIRE SHEET REVISED, 5/31/13, DLP

FILE NAME = L:\ENTRAN\Chicago\2122155.2050\CADD\Civil\Sht\D2E0054-24-typical-01.dgn

Stantec

USER NAME = dpiemiazek	DESIGNED - DJB	REVISED -	
	DRAWN - STANTEC	REVISED -	
PLOT SCALE = 100.00 ' / in.	CHECKED - TMH	REVISED -	
PLOT DATE = 5/31/2013	DATE - 5/31/2013	REVISED -	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

IL ROUTE 120 ROADWAY RESURFACING
TYPICAL CROSS SECTIONS

SCALE:100.00 ' / in. | SHEET NO. OF SHEETS | STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
333	15-RS-12	MCHENRY	33	4

CONTRACT NO. 60N54

FED. ROAD DIST. NO. 1 | ILLINOIS | FED. AID PROJECT