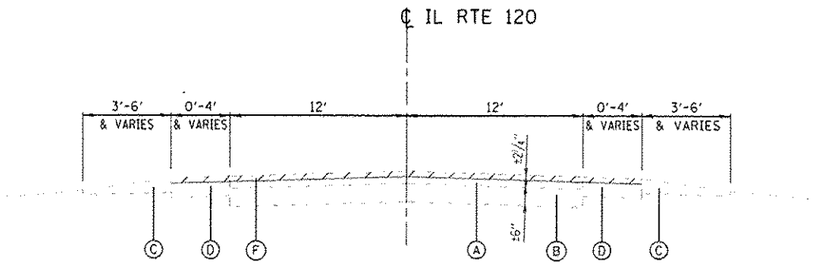
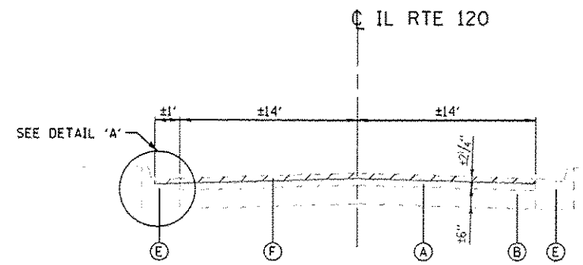


EXISTING TYPICAL SECTION

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

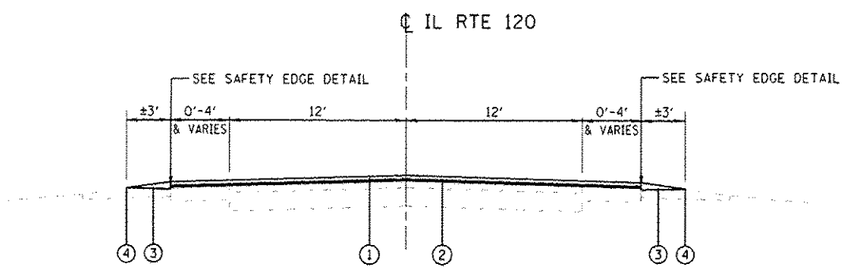


EXISTING TYPICAL SECTION

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

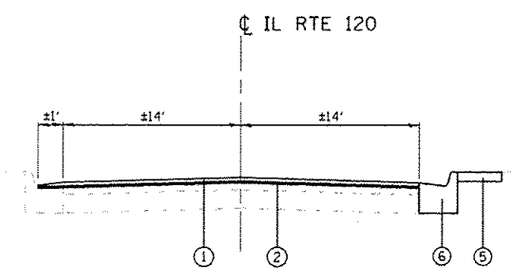
EXISTING LEGEND

- (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.



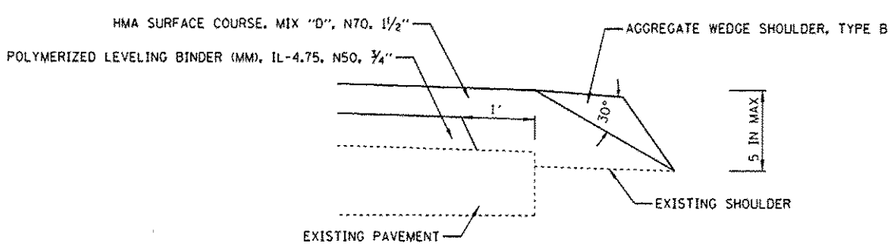
PROPOSED TYPICAL SECTION

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

PROPOSED LEGEND

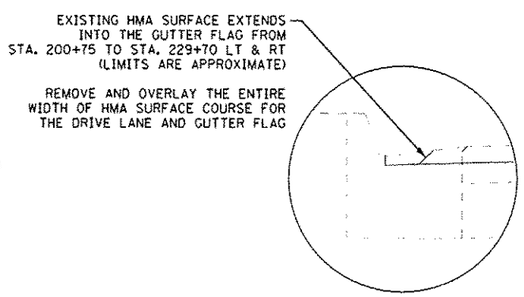
- (1) HMA SURFACE COURSE, MIX "D", N70, 1½"
- (2) POLYMERIZED LEVELING BINDER (MM), IL-4.75, N50, ¾"
- *(3) AGGREGATE WEDGE SHOULDER, TYPE B
- *(4) GRADING & SHAPING SHOULDERS
- *(5) TOPSOIL FURNISH AND PLACE, 4" AND SEEDING, CLASS 2A
- *(6) COMBINATION CONCRETE CURB & GUTTER REMOVAL AND REPLACEMENT

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



SAFETY EDGE DETAIL

(WHEN HMA SHOULDER < 3 FT)



DETAIL "A"

MIX DESIGNS	AIR VOIDS (%) @ Ndes
RESURFACING	
** 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.

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

Rev.

FILE NAME = G:\projects\2012\55.0250\CADD\Civil\Sht\CG2N54-24-typical-01.dgn

Stantec

USER NAME = dpiemiazek	DESIGNED - DJB	REVISED -	
	DRAWN - STANTEC	REVISED -	
PLOT SCALE = 50.00 ' / IN.	CHECKED - TMH	REVISED -	
PLOT DATE = 12/12/2012	DATE - 12/12/2012	REVISED -	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

IL ROUTE 120 ROADWAY RESURFACING
TYPICAL CROSS SECTIONS

SCALE: 50.00 ' / IN. | SHEET NO. OF SHEETS | STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
333	15-R5-12	MCHENRY	33	4
		CONTRACT NO. 60N54		

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