

IL 53 (INDEPENDENCE RD)
EXISTING TYPICAL SECTION
STA. 4+58 TO STA. 16+15

LEGEND

- ① EXISTING HMA RESURFACING, ± 6.50"
- ② EXISTING P.C. CONCRETE PAVEMENT, (9'-7"-9")
- ③ EXISTING P.C. CONCRETE BASE COURSE, ± 9"
- ④ EXISTING MOUNTABLE MEDIAN WITH CURB & GUTTER TYPE M-2.12
- ④A EXISTING LANDSCAPE MEDIAN
- ⑤ EXISTING CONCRETE BARRIER MEDIAN, TYPE B-12.12
- ⑥ EXISTING COMB. CONC. C&G, TYPE B-6.24
- ⑦ EXISTING BITUMINOUS SHOULDER, 8"
- ⑧ EXISTING HMA BASE COURSE, ± 11"
- ⑨ EXISTING AGGREGATE SHOULDER, TYPE B, 8"
- ⑩ PROPOSED HMA SURFACE REMOVAL, 2-1/2"
- ⑪ PROPOSED HMA SURFACE REMOVAL, 1-1/2"
- ⑫ PROPOSED PCC SURFACE REMOVAL, 1"
- ⑬ PROPOSED POLYMERIZED LEVELING BINDER (MACHINE METHOD), IL-4.75, N50, 3/4"
- ⑭ PROPOSED POLYMERIZED HMA SURFACE COURSE, MIX "F", N90, 1-3/4"
- ⑮ PROPOSED COMBINATION CONCRETE C&G REMOVAL AND REPLACEMENT
- ⑯ PROPOSED HMA SHOULDER, 8"
- ⑰ PROPOSED GRADING AND SHAPING SHOULDERS
- ⑱ PROPOSED SUB-BASE GRAN MAT'L, TY B

NOTE:

- LOCATIONS TO BE DETERMINED IN THE FIELD BY THE ENGINEER
- THE CONTRACTOR SHALL MILL FIRST PRIOR TO PATCHING.

HOT-MIX ASPHALT MIXTURE REQUIREMENTS
THE FOLLOWING MIXTURE REQUIREMENTS ARE APPLICABLE FOR THIS PROJECT

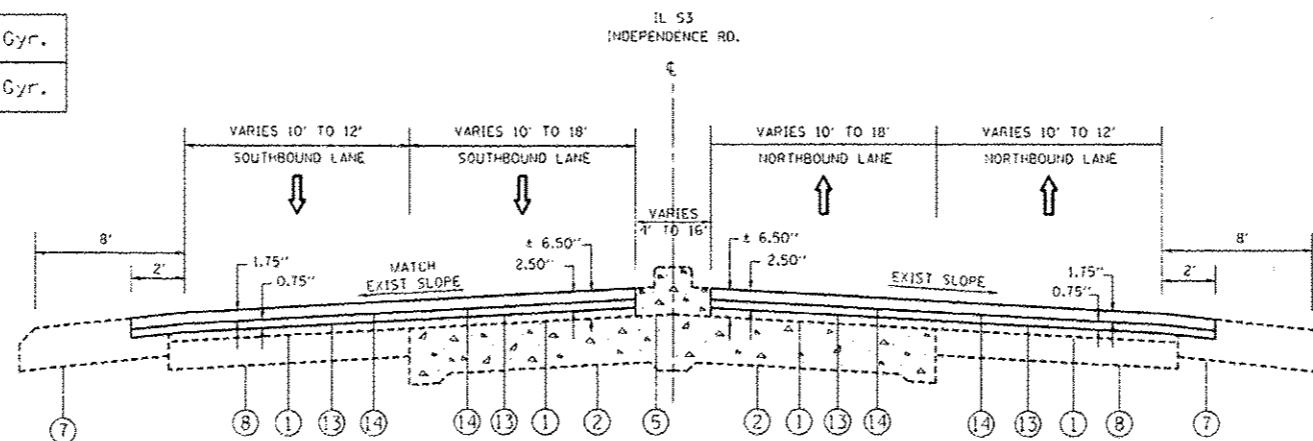
MIXTURE USE	THICKNESS	AIR VOIDS (%) @ NDES
MAINLINE RESURFACING		
POLY HMA SURFACE COURSE MIX "F", N90 (IL 3.5 mm)	1-3/4"	4% @ 90 Gyr.
POLY. LEVELING BINDER (MM) IL-4.75, N50	3/4"	4% @ 50 Gyr.
PATCHING		
CLASS D PATCH (HMA BINDER IL-19 mm)	11	4% @ 70 Gyr.
SHOULDER RESURFACING		
POLY HMA SURFACE COURSE MIX "F", N90 (IL 3.5 mm)	1-3/4"	4% @ 90 Gyr.
POLY. LEVELING BINDER (MM) IL-4.75, N50	3/4"	4% @ 50 Gyr.

NOTE:

CLASS D PATCHES, 15 INCHES NB & SB OUTSIDE LANES (STA. 4+58 TO STA. 149+04)
CLASS D PATCHES, 11 INCHES INSIDE LANES INCLUDING TURN LANES (STA. 4+58 TO STA. 206+73)

NOTE:

THE UNIT WEIGHT USED TO CALCULATE ALL HMA SURFACE MIXTURE QUANTITIES IS 112 POUNDS PER SQUARE YARD-INCH
THE "AC TYPE" FOR POLYMERIZED HMA MIXES SHALL BE "SBS/SBR PG 10-22" AND FOR NON-POLYMERIZED HMA THE "AC TYPE" SHALL BE "PG 64-22" UNLESS MODIFIED BY DISTRICT ONE SPECIAL PROVISIONS.
FOR "PERCENT RAP" SEE DISTRICT ONE SPECIAL PROVISIONS.
RFP SPECIAL PROVISIONS APPLIES TO POLY HMA SURF CSE, MIX "F" N90 MIX ONLY.



IL 53 (INDEPENDENCE RD)
PROPOSED TYPICAL SECTION
STA. 4+58 TO STA. 16+15

NOTE:

CLASS D PATCHES, 15 INCHES NB & SB OUTSIDE LANES (STA. 4+58 TO STA. 149+04)
CLASS D PATCHES, 11 INCHES INSIDE LANES INCLUDING TURN LANES (STA. 4+58 TO STA. 206+73)

Rev. sheet 4-8-13

FILE NAME: g:\pwork\110101\110101\110101.dwg	USER NAME: galbarjr	DESIGNED: -	REVISED: -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	IL 53 (N. INDEPENDENCE BLVD) EXISTING AND PROPOSED TYPICAL SECTIONS		F.A.P. RTE. 112	SECTION NY-RS-2	COUNTY WILL	TOTAL SHEETS 35	SHEET NO. 6	
PLT SCALE: 1/8"=1'-0"	PLT DATE: 3/25/2013	DRAWN: -	REVISED: -		SCALE: -	SHEET NO. OF SHEETS	STA. TO STA.	CONTRACT NO. 60N44 ILLINOIS FED. AID PROJECT				
CHECKED: -	DATE: -	REVISIONS: -	REVISIONS: -									