

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
- ⑤ EXISTING CONCRETE BARRIER MEDIAN, TYPE B-12.12
- ⑥ EXISTING COMB. CONC. C&G, TYPE B-6.24
- ⑦ EXISTING BITUMONOUS SHOULDER, 8''
- ⑧ EXISTING HMA BASE COURSE, ± 11''
- ⑨ EXISTING AGGREGARE 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 COMB. CONC. C&G REMOVAL AND REPLACEMENT
- ⑯ PROPOSED AGGREGARE WEDGE SHOULDER, TYPE B
- ⑰ PROPOSED GRADING AND SHAPING SHOULDERS

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

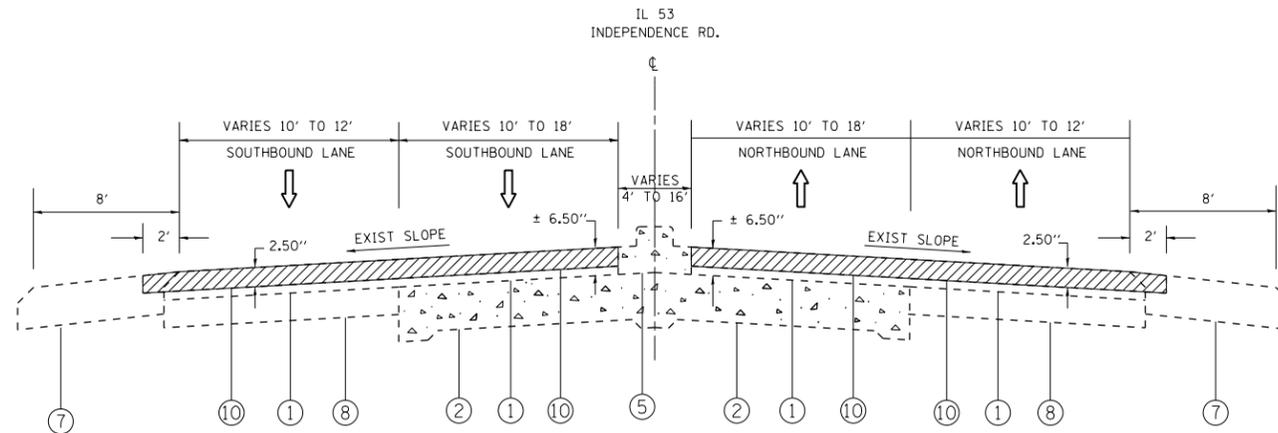
MIXTURE USE	THICKNESS	AIR VOIDS (%) @ NDES
<b>MAINLINE RESURFACING</b>		
POLY HMA SURFACE COURSE MIX "F", N90 (IL 9.5 mm)	1-3/4"	4% @ 90 Gyr.
POLY. LEVELING BINDER (MM) IL-4.75, N50	3/4"	4% @ 50 Gyr.
<b>PATCHING</b>		
CLASS D PATCH (HMA BINDER IL-19 mm)	11	4% @ 70 Gyr.
<b>SHOULDER RESURFACING</b>		
POLY HMA SURFACE COURSE MIX "F", N90 (IL 9.5 mm)	1-3/4"	4% @ 90 Gyr.
POLY. LEVELING BINDER (MM) IL-4.75, N50	3/4"	4% @ 50 Gyr.

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 70-22" AND FOR NON-POLYMERIZED HMA THE "AC TYPE" SHALL BE "PG 64-22" UNLESS MODIFIED BY DISTRICT ONE SPECIAL PROVISIONS.

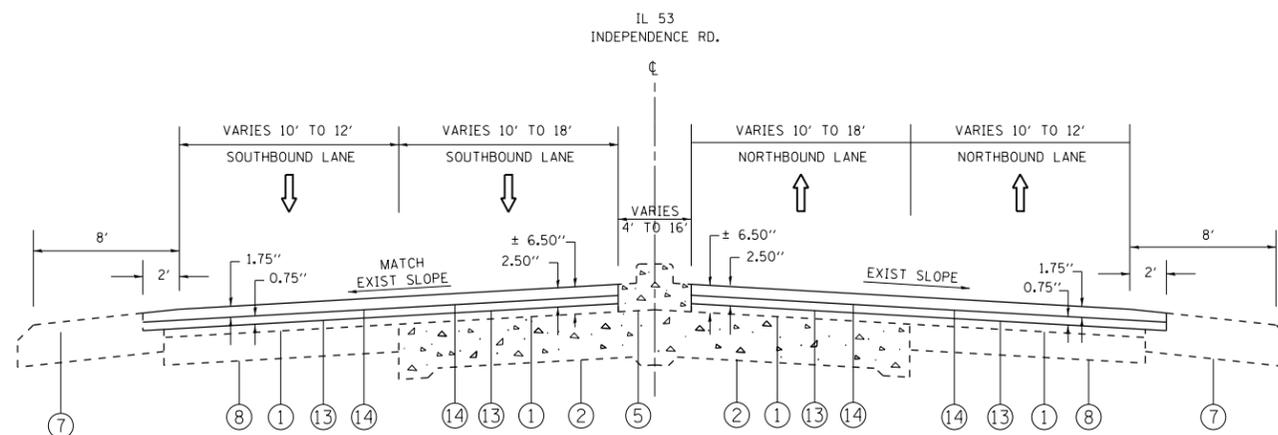
FOR "PERCENT RAP" SEE DISTRICT ONE SPECIAL PROVISIONS.



IL 53 (INDEPENDENCE RD)  
EXISTING TYPICAL SECTION  
STA. 4+58 TO STA. 14+49

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)



IL 53 (INDEPENDENCE RD)  
PROPOSED TYPICAL SECTION  
STA. 4+58 TO STA. 14+49

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)

FILE NAME =	USER NAME = galbenjr	DESIGNED -	REVISED -	<b>STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION</b>	<b>IL 53 (N. INDEPENDENCE BLVD) EXISTING AND PROPOSED TYPICAL SECTIONS</b>	F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
et:\pwork\pwork\galbenjr\d0249519\013111-sh-t-plan.dgn		DRAWN -	REVISED -			112	MY-RS-2	WILL	35	6	
PLOT SCALE = 100.0000' / in.		CHECKED -	REVISED -			CONTRACT NO. 60N44					
PLOT DATE = 8/20/2012		DATE -	REVISED -			ILLINOIS FED. AID PROJECT					
				SCALE:	SHEET NO.	OF	SHEETS	STA.	TO	STA.	