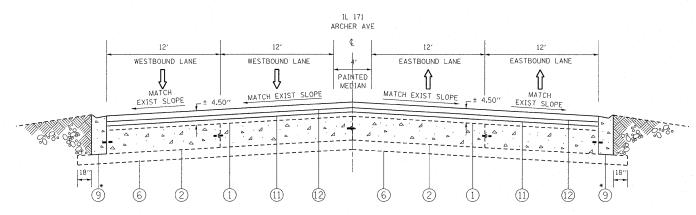


IL 171 (ARCHER AVE)
EXISTING TYPICAL SECTION
STA. 84+07 TO STA. 162+72
STATION EQUIVALENT:
STA. 85+00 (EB) = STA. 240+49.16 (WB)



IL 171 (ARCHER AVE)
PROPOSED TYPICAL SECTION
STA. 84+07 TO STA. 162+72
STATION EQUIVALENT:
STA. 85+00 (EB) = STA. 240+49.16 (WB)

LEGEND

- 1) EXISTING HMA SURFACING, ± 4.50"
- (2) EXISTING P.C. CONCRETE BASE COURSE, ± 9.50"
- (3) EXISTING COMB. CONC. CURB & GUTTER, TYPE B-6.24
- (4) EXISTING COMB. CONC. CURB & GUTTER, TYPE M-4.24
- (5) EXISTING HMA SHOULDER
- (6) EXISTING SUB-BASE GRANULAR MATERIAL, TYPE B, 4"
- (7) EXISTING AGGREGATE SHOULDER, TYPE B
- (8) EXISTING CONCRETE MEDIAN
- 9) PROPOSED COMB. CONC. C&G REMOVAL AND REPLACEMENT
- (10) PROPOSED HMA SURFACE REMOVAL, 2-1/4"
- PROPOSED POLYMERIZED LEVELING BINDER (MACHINE METHOD), IL-4.75, N50, 3/4"
- (12) PROPOSED HMA SURFACE COURSE, MIX "D", N70, 1-1/2"
- PROPOSED AGGREGATE WEDGE SHOULDER, TYPE B
- (14) PROPOSED GRADING AND SHAPING OF 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 (%)
MAINLINE RESURFACING		
HMA SURFACE COURSE MIX "D", N70 (IL 9.5 mm)	1-1/2"	4% @ 70 Gyr.
POLY. LEVELING BINDER (MM) IL-4.75, N50	3/4′′	4% @ 50 Gyr.
PATCHING		
CLASS D PATCH (HMA BINDER IL-19 mm)	12-3/4"	4% @ 70 Gyr.
SHOULDER RESURFACING		
HMA SURFACE COURSE MIX "D", N70 (IL 9.5 mm)	1-1/2"	4% @ 70 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.

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FILE NAME =	USER NAME = galbanjr	DESIGNED -	REVISED -			IL 171 (ARCHER AVENUE)		F.A.U.	SECTION	COUNTY	TOTAL	SHEET
c:\pw_work\pwidot\galbanjr\d0194557	\D152310-sht-plan.dgn	DRAWN -	REVISED -	STATE OF ILLINOIS		•		3565	B=P==2=BS	COOK	37 37	NU.
	PLOT SCALE = 50.0000 '/ IN.	CHECKED -	REVISED -	DEPARTMENT OF TRANSPORTATION	EXISTING AND PROPOSED TYPICAL SECT		ONS	3303	D N 2 N3	CONTRAC	CT NO. 60	OK 5.4
	PLOT DATE = 2/12/2011	DATE -	REVISED -		SCALE:	SHEET NO. OF SHEETS STA.	TO STA.		ILLINOIS FED.	AID PROJECT	31 110. 00	/KJ1