

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"
- ⑪ PROPOSED POLYMERIZED LEVELING BINDER (MACHINE METHOD), IL-4.75, N50, 3/4"
- ⑫ PROPOSED HMA SURFACE COURSE, MIX "D", N70, 1-1/2"
- ⑬ 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

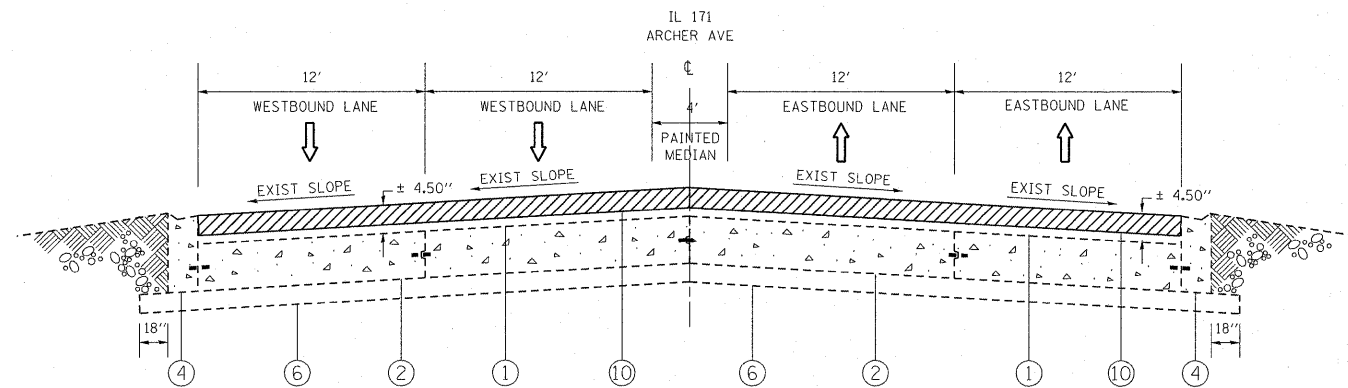
MIXTURE USE	THICKNESS	AIR VOIDS (%) @ NDES
MAINLINE RESURFACING		
HMA SURFACE COURSE MIX "D", N70 (IL 9.5 mm)	1-1/2"	4% @ 70 Gyr.
POLY. LEVELING BINDER (MM) IL-4.75, N50	3/4"	4% @ 50 Gyr.
PATCHING		
CLASS D PATCH (HMA BINDER IL-19 mm)	12-3/4"	4% @ 70 Gyr.
SHOULDER RESURFACING		
HMA SURFACE COURSE MIX "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:

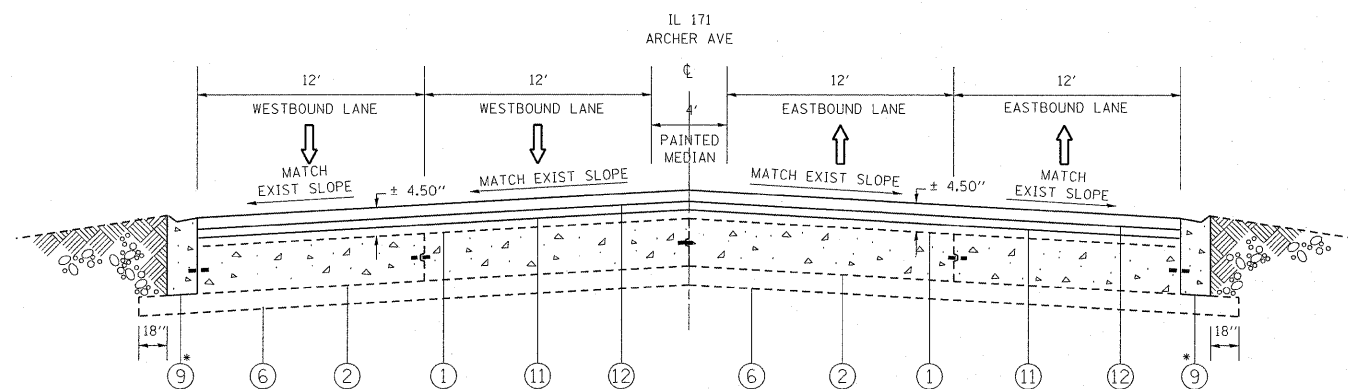
THE UNIT WEIGHT USED TO CALCULATE ALL HMA SURFACE MIXTURE QUANTITIES IS 112 POUNDS PER SQUARE YARD-INCH

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.



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)