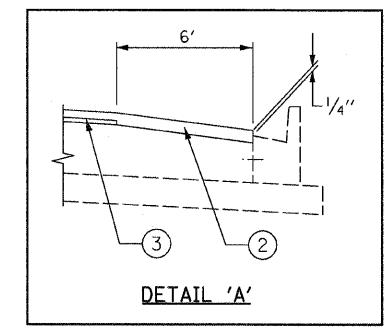


- EXISTING CONDITIONS:**
- (A) P.C.C. PAVEMENT, 10" & VARIES
 - (B) SUB-BASE GRANULAR MATERIAL, 4" & VARIES
 - (C) COMBINATION CONCRETE CURB & GUTTER, TYPE B-6.24
 - (C1) COMBINATION CONCRETE CURB & GUTTER, TYPE B-9.12
 - (C2) COMBINATION CONCRETE CURB & GUTTER, TYPE B-6.12
 - (D) P.C. CONCRETE MEDIAN, TYPE B-9.12
 - (D1) P.C. CONCRETE MEDIAN, TYPE B-6.12
 - (D2) P.C. CONCRETE MEDIAN SURFACE, 4"
 - (E) TIE BARS
- PROPOSED IMPROVEMENTS:**
- (1) P.C.C. SURFACE REMOVAL (VARIABLE DEPTH), 0" TO 1 1/2" MAX.
 - (2) POLYMERIZED HOT-MIX ASPHALT SURFACE COURSE, MIX "F", N90, 1 3/4"
 - (3) POLYMERIZED LEVELING BINDER (MACHINE METHOD), IL-4.75, N50, 3/4"
 - (4) COMB. CONC. CURB AND GUTTER REMOVAL AND REPLACEMENT (LOCATION AS DETERMINED BY THE ENGINEER)
 - (5) AGGREGATE WEDGE SHOULDER, TYPE B
 - (6) LONGITUDINAL JOINT REPAIR (LOCATION AS DETERMINED BY THE ENGINEER)



ROADWAY NAME	HOT-MIX ASPHALT MIXTURE REQUIREMENTS		
	MIXTURE TYPE	AC TYPE	AIR VOIDS
WILLOW ROAD (SOO LINE R.R. TO IL. RTE. 43)	POLYMERIZED HOT-MIX ASPHALT SURFACE COURSE, MIX "F", N90 (IL 9.5 mm)	SBS/SBR PG 70-22	4% @ 90 GYR.
	POLYMERIZED LEVELING BINDER (MACHINE METHOD), IL-4.75, N50	SBS/SBR PG 76-28/-22	4% @ 50 GYR.
	CLASS D PATCHES AND PARTIAL DEPTH PATCHING (HMA BINDER IL-19 mm)	* PG 64-22	4% @ 70 GYR.

THE UNIT WEIGHT USED TO CALCULATE ALL HMA MIXTURE QUANTITIES IS 112 LBS/SQ YD/IN.
 * WHEN RAP EXCEEDS 20%, THE NEW ASPHALT BINDER IN THE MIX SHALL BE PG 58-22.