



LEGEND

- ① EXISTING COMBINATION CONCRETE CURB AND GUTTER
- ② EXISTING P.C.C. BASE (±9")
- ③ EXISTING HMA OVERLAY (±9")
- ④ HMA OVERLAY AFTER MILLING
- ⑤ PROPOSED HMA SURFACE REMOVAL, 2-1/4 "
- ⑥ PROPOSED HMA SURFACE COURSE, MIX D, N70, 1-1/2 "
- ⑦ PROPOSED POLYMERIZED LEVELING BINDER (MACHINE METHOD), N50, 3/4 "
- ⑧ EXISTING AGGREGATE SHOULDER
- ⑨ PROPOSED AGGREGATE WEDGE SHOULDER, TYPE B
- ⑩ HMA SURFACE REMOVAL (VARIABLE DEPTH) 1-1/2 " TO 1/2 "
- ⑪ HMA SURFACE COURSE, MIX D, N70 [1 1/2 " TO 1"]

NOTE: CONTRACTOR IS TO MILL ROADWAY BEFORE PATCHING

HOT-MIX ASPHALT MIXTURE REQUIREMENT

MIXTURE TYPE	AC/PG	AIR VOIDS (%)	UNIT WEIGHT
POLY. LEVELING BINDER (MACHINE METHOD), IL 4.75, N50	SBS/SBR PG 76-28/22	4% @ 70 GYR	105 LBS/IN/SQ YD
HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N70	PG 64-22	4% @ 70 GYR	112 LBS/IN/SQ YD
CLASS D PATCHES (HMA BINDER IL-19)	PG 64-22*	4% @ 70 GYR	112 LBS/IN/SQ YD

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