



* - SLOPE THE EMBANKMENT TO MEET THE TOP ELEVATION OF THE CULVERT HEADWALL

HOT-MIX ASPHALT MIXTURE REQUIREMENTS		
MIXTURE TYPE	AIR VOIDS	THICKNESS
ROADWAY		
HMA SURFACE COURSE, MIX "C", N50 (IL-9.5 mm)	4% @ 50 GYR	2"
HMA BINDER COURSE, IL-19.0, N50	4% @ 50 GYR	6"
LEVELING BINDER (MACHINE METHOD), N50 (IL-9.5 mm)	4% @ 50 GYR	3/4"
PAVEMENT PATCHING		
CLASS D PATCH (HMA BINDER IL-19 mm), 9 INCH	4% @ 70 GYR	9"
HMA REPLACEMENT OVER PATCHES (HMA BINDER IL-19 mm)	4% @ 70 GYR	2 3/4"
SHOULDER		
HMA SURFACE COURSE, MIX "C", N50 (IL-9.5 mm)	4% @ 50 GYR	2"
HMA BINDER COURSE, IL-19.0, N50	4% @ 50 GYR	6"
DRIVEWAY		
HMA SURFACE COURSE, MIX "C", N50 (IL-9.5 mm)	4% @ 50 GYR	2"
HMA BASE COURSE (HMA BINDER IL-19 mm)	4% @ 50 GYR	4"

LEGEND

- ① PAVEMENT REMOVAL
- ② EXISTING HMA OVERLAY, 2"
- ③ EXISTING PCC PAVEMENT, 9-6-9
- ④ EXISTING STABILIZED BIT. BASE COURSE, VARIABLE DEPTH
- ⑤ EXISTING STABILIZED SHOULDER (B.A.M.)
- ⑥ EXISTING AGGREGATE SHOULDER
- ⑦ EXISTING STEEL PLATE BEAM GUARDRAIL TO BE REMOVED
- ⑧ EXISTING HEADWALL TO BE REMOVED
- ⑨ PROPOSED HMA SURFACE COURSE, MIX "C", N50, 2"
- ⑩ PROPOSED HMA BINDER COURSE, IL-19.0, N50, 6" (IN 3 LIFTS)
- ⑪ PROPOSED HMA SHOULDER, 8" (IN 3 LIFTS)
- ⑫ PROPOSED AGGREGATE SUBGRADE, 12"
- ⑬ PROPOSED STEEL PLATE BEAM GUARDRAIL, TYPE A (6 FOOT POST)
- ⑭ PROPOSED AGGREGATE SHOULDER, 6"
- ⑮ PROPOSED HEADWALL (PAID FOR AS CONCRETE BOX CULVERT)
- ⑯ HMA SURFACE REMOVAL, 2 3/4"
- ⑰ EARTH EXCAVATION
- ⑱ REMOVAL OF EXISTING STRUCTURES
- ⑲ STRUCTURE EXCAVATION
- ⑳ REMOVAL AND DISPOSAL OF UNSUITABLE MATERIAL
- ㉑ PROPOSED PRECAST CONCRETE BOX CULVERT 2-BARREL 8'X8'
- ㉒ PROPOSED BITUMINOUS MATERIAL (PRIME COAT) & AGGREGATE (PRIME COAT)
- ㉓ PROPOSED POROUS GRANULAR EMBANKMENT, SUBGRADE
- ㉔ PROPOSED GRANULAR CULVERT BACKFILL
- ㉕ PROPOSED CA-7, 6"
- ㉖ LEVELING BINDER (MACHINE METHOD) N50, 3/4"

NOTES:

THE UNIT WEIGHT USED TO CALCULATE ALL HMA SURFACE COURSE MIXTURES IS 112 LBS/SQ-YD/IN.

THE CONTRACTOR SHALL PATCH FIRST BEFORE MILLING

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 OF RAP" SEE DISTRICT ONE SPECIAL PROVISIONS.