



HOT-MIX ASPHALT REQUIREMENTS		
MIXTURE TYPE	AC TYPE	AIR VOIDS
<b>PAVEMENT OVERLAY (EAST AND WEST FRONTAGE ROADS)</b>		
HOT-MIX ASPHALT SURFACE COURSE, MIX "C", N50; (IL 9.5mm); 1.5"	PG 64-22	4.0% @ 50 GYR.
LEVELING BINDER (MACHINE METHOD), N50; (IL 9.5mm); 1"	PG 64-22+	4.0% @ 50 GYR.
<b>PAVEMENT RESURFACING (SIDE STREETS)</b>		
HOT-MIX ASPHALT SURFACE COURSE, MIX "C", N50; (IL 9.5mm); 1.5"	PG 64-22	4.0% @ 50 GYR.
HOT-MIX ASPHALT BINDER COURSE, IL 19.0, N50; 2.5"	PG 64-22+	4.0% @ 50 GYR.
<b>SHOULDERS</b>		
HOT-MIX ASPHALT SURFACE COURSE, MIX "C", N50; (IL 9.5mm); 1.5"	PG 64-22	4.0% @ 50 GYR.
HOT-MIX ASPHALT BINDER COURSE, IL 19.0, N50; 4.5"	PG 64-22+	4.0% @ 50 GYR.
<b>COMMERCIAL DRIVEWAYS</b>		
HOT-MIX ASPHALT SURFACE COURSE, MIX "C", N50; (IL 9.5mm) 2"	PG 64-22	4.0% @ 50 GYR.
HOT-MIX ASPHALT BINDER COURSE, IL-19.0, N50; 6"	PG 64-22+	4.0% @ 50 GYR.
<b>RESIDENTIAL DRIVEWAYS</b>		
HOT-MIX ASPHALT SURFACE COURSE, MIX "C", N50; (IL 9.5mm) 2"	PG 64-22	4.0% @ 50 GYR.
HOT-MIX ASPHALT BINDER COURSE, IL-19.0, N50; 4"	PG 64-22+	4.0% @ 50 GYR.

NOTE:  
1. THE UNIT WEIGHT USED TO CALCULATE ALL HOT-MIX ASPHALT SURFACE MATERIAL IS 112 LB/SQ YD PER INCH THICKNESS.  
2. + WHEN RAP EXCEEDS 20%, THE NEW ASPHALT BINDER IN THE MIX SHALL BE PG 58-22.

NOTE:  
BRIDGE SN-016-1122  
SOUTH ABUT. STA 31+08.6  
NORTH ABUT. STA 31+69.7

- LEGEND:**
- (A) EXISTING FENCE
  - (B) EXISTING AGG/HMA SHOULDER
  - (C) EXISTING GRANULAR BASE
  - (D) EXISTING CONCRETE PAVEMENT
  - (E) EXISTING HMA PARKING SHOULDER
  - (F) EXISTING CURB AND GUTTER/CURB
  - (G) EXISTING SIDEWALK
  - (H) EXISTING GROUND
  - (I) EXISTING RAISED PAVEMENT MARKER
  - (J) EXISTING HMA OVERLAY
  - R, [diagonal lines] REMOVAL
  - (1) HOT-MIX ASPHALT SURFACE COURSE, MIX "C", N50; 1.5"
  - (2) HOT-MIX ASPHALT BINDER COURSE, IL-19.0, N50; 4.5"
  - (3) BITUMINOUS MATERIALS (PRIME COAT)
  - (4) LEVEL BINDER (mm) N50; 1"
  - (5) AGGREGATE SHOULDERS, 6"
  - (6) AGGREGATE BASE COURSE, TYPE B, 4"
  - (7) PIPE UNDERDRAINS 4"
  - (8) COMBINATION CONCRETE CURB AND GUTTER, TYPE B-4.12
  - (9) MIXTURE FOR CRACKS, JOINTS, AND FLANGWAYS
  - (10) CLASS B PATCHES, 9 INCH (SEE IDOT STDS)
  - (11) JOINT OR CRACK ROUTING (PCC PVMT AND SHLD) (MODIFIED)
  - (12) EPOXY COATED DOWEL/TIE BARS (SEE IDOT STDS) (INCLUDED IN COST OF ASSOCIATED CONCRETE ITEM)
  - (13) SOD/TOPSOIL 4"/FERTILIZERS
  - (14) PCC SIDEWALK
  - (15) POROUS GRANULAR EMBANKMENT, SUBGRADE, REMOVAL AND DISPOSAL OF UNSUITABLE MATERIAL, GEOTECHNICAL FABRIC FOR GROUND STABILIZATION
- ESTIMATED QUANTITY BASED ON ROADWAY SOILS INVESTIGATION. ACTUAL LOCATION AND DEPTH OF UNDERCUTS WILL BE DETERMINED IN THE FIELD BY THE ENGINEER. EXCAVATION BELOW EXISTING SHOULDER TO PROPOSED SUBGRADE ELEVATION WILL BE PAID AS EARTH EXCAVATION. EXCAVATION REQUIRED BELOW PROPOSED SUBGRADE ELEVATION TO PLACE POROUS GRANULAR EMBANKMENT. SUBGRADE WILL BE PAID AS REMOVAL AND DISPOSAL OF UNSUITABLE MATERIAL.