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482001-02	HMA SHOULDER ADJACENT TO FLEXIBLE PAVEMENT
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**HOT-MIX ASPHALT REQUIREMENTS**

MIXTURE TYPE	THICKNESS	VOIDS @ N <sub>0.5</sub>	QMP
<b>MAINLINE RESURFACING (PAVEMENT)</b>			
POLYMERIZED HOT-MIX ASPHALT SURFACE COURSE, MIX F, N90 (IL-9.5)	1 3/4"	4% @ 90 Gyr	QC/OA
POLYMERIZED HOT-MIX ASPHALT BINDER COURSE, N90 (IL-19.0)	2 1/4" MIN.	4% @ 90 Gyr	QC/OA
<b>MAINLINE RESURFACING (SHOULDERS)</b>			
HOT-MIX ASPHALT SURFACE COURSE, MIX D, N70 (IL-9.5)	1 3/4"	4% @ 70 Gyr	QCP
HOT-MIX ASPHALT BINDER COURSE, N70 (IL-19.0)	2 1/4" MIN.	4% @ 70 Gyr	QCP
<b>PATCHING**</b>			
CLASS D PATCHES (HMA BINDER IL-19 mm)	10"	4% @ 70 Gyr	QC/OA
HMA REPLACEMENT OVER PATCHES (HMA BINDER IL-19 mm)	2 1/4" MIN.	4% @ 70 Gyr	QC/OA
<b>LONGITUDINAL JOINT REPAIR</b>			
HMA BINDER COURSE, IL-19.0, N70	3"	4% @ 70 Gyr	QCP
<b>TEMPORARY PAVEMENT, 10" (CROSSOVERS)</b>			
TEMP PAVEMENT (HMA BINDER IL-19 mm)	9"	4% @ 50 Gyr	QCP
HMA SURFACE COURSE, MIX "D", N50 (IL 9.5 mm)	2"	4% @ 50 Gyr	QC/OA
<b>RAMP E PROPOSED PAVEMENT</b>			
POLYMERIZED HOT-MIX ASPHALT SURFACE COURSE, MIX "F", N90 (IL-9.5)	2"	4% @ 90 Gyr	QC/OA
HOT-MIX ASPHALT BASE COURSE, 10 3/4"			
POLYMERIZED HOT-MIX ASPHALT BINDER COURSE, N90 (IL-19.0)	2 1/4"	4% @ 90 Gyr	QC/OA
HOT-MIX ASPHALT BINDER COURSE, N70 (IL-19.0)	8 1/2"	4% @ 70 Gyr	QCP
<b>RAMP E PROPOSED SHOULDERS</b>			
HOT-MIX ASPHALT SHOULDER, 12 3/4"			
HOT-MIX ASPHALT SURFACE COURSE, MIX D, N70 (IL-9.5)	2"	4% @ 70 Gyr	QC/OA
HOT-MIX ASPHALT BINDER COURSE, N70 (IL-19.0)	10 3/4"	4% @ 70 Gyr	QCP
<b>BRIDGE APPROACH PAVEMENT CONNECTORS (PCC)</b> (INCLUDED IN PAY ITEM BRIDGE APPROACH PAVEMENT CONNECTORS (PCC))			
STABILIZED SUB-BASE HOT-MIX ASPHALT (STABILIZED SUBBASE) (HMA BINDER IL-19mm)	4"	3% @ 50 Gyr	QC/OA
QMP DESIGNATION: QUALITY CONTROL/QUALITY ASSURANCE (QC/OA); QUALITY CONTROL FOR PERFORMANCE (QCP)			

\*\*LOCATIONS TO BE DETERMINED IN THE FIELD BY THE ENGINEER

**NOTES:**

- THE UNIT WEIGHT USED TO CALCULATE ALL HMA MIXTURES IS 112 LBS/SO YD/IN.
- THE "AC TYPE" FOR POLYMERIZED HMA MIXES SHALL BE "SBS/SBR PG 76 -22" AND FOR NON-POLYMERIZED HMA THE "AC TYPE" SHALL BE "PG 64-22" UNLESS MODIFIED BY DISTRICT ONE SPECIAL PROVISIONS.
- CONTRACTOR SHALL PATCH BEFORE MILLING. SEE STANDARD BD-22.
- FOR USE OF RECYCLED MATERIALS SEE DISTRICT ONE SPECIAL PROVISIONS.
- QUALITY MANAGEMENT PROGRAM (QMP) IDENTIFIES THE PARTICULAR QUALITY CONTROL SPECIFICATION THAT APPLIES TO THE HMA MIXTURE.
- PCC TEMPORARY PAVEMENT SHALL CONSIST OF CLASS PV CONCRETE MEETING THE REQUIREMENTS OF ART. 1020 OF THE STANDARD SPECIFICATIONS; 9" THICK. TEMPORARY PCC PAVEMENT DOES NOT REQUIRE DOWEL BARS.