

1 **SECTION 702 - BITUMINOUS MATERIALS**
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4 **702.01 Asphalt Cement.** Performance-graded asphalt binder shall conform to
 5 AASHTO M 320.

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 7 **702.02 (Unassigned)**
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9 **702.03 Liquid Asphalt.** Liquid asphalt shall conform to AASHTO M 82 for
 10 medium curing type.

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 12 **702.04 Emulsified Asphalt.** Anionic emulsified asphalt shall conform to
 13 AASHTO M 140, except penetration on residue for Type SS-1 and Type RS-1 shall
 14 be 50-120.

15 Cationic emulsified asphalt shall conform to AASHTO M 208, except
 16 penetration on residue for Type CSS-1 and Type CRS-1 shall be 50-150.

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 19 **702.05 Application Temperatures.** Bituminous materials shall be applied in
 20 accordance with Table 702.05-1 - Application Temperatures.
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TABLE 702.05-1 - APPLICATION TEMPERATURES		
Bituminous Material	Spraying Temperatures (degrees F)	Mixing Temperatures (degrees F)
Liquid Asphalt (MC)		
Grade 30	50 - 120	--
Grade 70	100 - 170	--
Grade 250	140 - 220	135 - 175
Grade 800	175 - 250	170 - 200
Grade 3000	215 - 280	200 - 240
Emulsified Asphalt	75 - 130	75 - 130
Asphalt Cement	350 Maximum	By Temperature / Viscosity Graph

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 23 **702.06 (Unassigned)**
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25 **702.07 Asphalt Filler.** Asphalt for use as filler between pipes and manhole walls
 26 shall conform to ASTM D 449, Type III.
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29 **END OF SECTION 702**
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