**ASPHALT SURFACE TREATMENT AGGREGATE TYPE AND APPLICATION RATES:**

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| (02-13-15) (Rev 01-1-18) | 660 | SP06 R054 |

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| **SEAL TYPES AND MATERIAL APPLICATION RATES**  |
| **MAP #** | **TYPE OF SEAL** | **LAYER** | **AGGREGATE TYPE** | **AGGREGATE TARGET RATESA****(LBS/SY)** | **EMULSION TARGET RATESB,C,D****(GAL/SY)** |
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1. Aggregate Target Rates have +/- 2.0 lbs/sy tolerance limit.
2. Emulsion Target Rates have +/- 0.05 gal/sy tolerance limit.
3. Grades of emulsion shall be CRS-2L or CRS-2P.
4. Application temperatures shall be 160-170ºF.

Contractor shall adjust aggregate and emulsion rates as necessary based on the existing surface, roadway conditions, weather conditions, and as directed by the Engineer. When the Engineer requires aggregate to be applied at rates above the tolerance limit, the additional aggregate above the limit will be paid in accordance with Article 104-7 of the *Standard Specifications*.