1. AASHTO M 332 Performance-Graded Asphalt Binder (MSCR) [702] (revised 2-23-23)

Description. Furnish Performance Grade Asphalt Binder (PGAB) meeting the requirements of AASHTO M332 - Standard Specification for Performance-Graded Asphalt Binder Using Multiple Stress Creep Recovery (MSCR) Test, as specified below. A current verified PG 64-28 mix design will be considered verified for 58V-34 and will only require a modified transfer request to document the mix design transfer of the change of binder grade. Contractor may perform additional testing to re-evaluate existing mix designs or material and the associated costs are reimbursable up to $10,000.

Materials. Furnish AASHTO M 332 PG 58V-34 Binder including the following modifications:

| Property | Test Method | AASHTO M 332 PG 58V-34 |
| --- | --- | --- |
| % Recovery @3.2 kPa  | AASHTO T 350 | 55 min. |
| Jnr diff | AASHTO T 350 | \* |

\*Jnr Diff will be tested and reported for information only.

Mixtures Utilizing AASHTO M 332 PG 58V-34 Binder will be evaluated in accordance with Section 401 and MT 334 will use a test temperature of 44° C for Hamburg Wheel-Track Testing.

Construction. Reserved.

Method of Measurement. AASHTO M 332 PGAB and Commercial Mixtures using AASHTO M 332 PGAB are measured by the ton, in accordance with Subsection 401.04. Re-evaluation of existing mix designs and additional consultant lab/field testing is measured by the unit based on submitted invoice costs without markup and will not exceed 10,000 units.

Basis of Payment. Payment for the completed and accepted quantities of AASHTO M 332 PGAB is made in accordance with Subsection 402.05 using the pay item below.

| Pay Item | Pay Unit |
| --- | --- |
| 402020192 ASPHALT CEMENT PG 58V-34 | Ton |

Payment for the completed and accepted quantities of Commercial Mixtures using AASHTO M 332 PGAB in accordance with Subsection 401.05. Payment is made using the following items:

| Pay Item | Pay Unit |
| --- | --- |
| 401020122 COMMERCIAL MIX-PG 58V-34 | Ton |
| 401020155 COMMERCIAL MIX-3/8 IN-PG 58V-34 | Ton |
| 401020162 COMMERCIAL MIX-1/2 IN-PG 58V-34 | Ton |

Re-evaluation of existing mix designs and additional consultant lab/field testing is paid for as Miscellaneous Work.