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| Include in NPS and BLM projects funded by the Great American Outdoors Act. Verify with the Project Manager. |

**Section 404. – ASPHALT CONCRETE PAVEMENT WARRANTY**

**Description**

**404.01** This work consists of providing a warranty for hot or warm mix asphalt concrete pavement.

**Construction Requirements**

**404.02 General.** Follow the requirements of FAR Clause 52.246-21 Warranty of Construction, as amended.

**404.03** **Warranty Requirement.** A 1-year warranty is required on all asphalt pavement items. The 1-year time period begins from the point of final acceptance. All warranty work items will be repaired at no additional cost to the Government. Table 404-1 contains warranty criteria information.

**(a) Warranty Criteria.**

**Table 404-1**

**Evaluation Method**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Warranty Indicator** | **Threshold/Description** | **Initial Identification** | **Evaluation Methods (B)** | **Possible Remedial Action** |
| *Shoving/Rutting* | An occurrence of a localized depression of greater than 0.375 inch | Visual inspection | Measure and document length and width of rutting/shoving.  | Mill distressed area to a full lane width and 50' length on each side and replace surfacing. Depth of milling not to exceed pavement depth.  |
| *Potholes, Raveling, Slippage/ delamination* | 1. Pothole with an area of 1 SF or greater and depth greater than 1 inch 2. Raveling - wearing away of the pavement surface to a depth exceeding 0.5 inches. 3. Slippage/Delamination - tearing of the asphalt surface  | Visual inspection | Confirm initial findings by measurement and visual observation. Document locations and quantity of distress exceeding threshold. | Remove and replace distressed area of area to a depth no greater than the pavement depth, to a full lane width and 50' length on each side. |
| *Cracking (Longitudinal and Transverse)(A)*  | Visible Cracking greater than 0.125 inches in width | Visual inspection | Measure and document crack type, length, and width.  | Remove and replace distressed area to a depth no greater than the pavement depth and to the full lane width |
| Note: If distance between repair areas is less than 100 feet, the CO may require one continuous repair. |
| (A)Longitudinal and transverse joints will not be considered cracks.  |  |
| (B) Measure using methodologies in FHWA-HRT-13-092 (Rev May 2014) |  |

**(b) Determination.** The CO will make a determination on conditions exceeding contract thresholds in Table 404-1 values requiring remedial action and notify the Contractor. During the warranty period, the Contractor may monitor the project using nondestructive methods and may participate with the CO in the field evaluation(s) upon request.

**404.04 Remedial Work.** Submit a remedial action plan within 15 days of notification of the determination by the CO. Begin remedial work within 30 calendar days of approval by the CO. Complete all work within 90 days of notification of the determination unless otherwise approved.

Notify the CO in writing prior to beginning any remedial work. Complete remedial work according to the specifications for that work item and as approved by CO. Submit a traffic control plan and provide temporary traffic control during the remedial work according to Sections 156 and 635. If remedial work necessitates a corrective action to overlying asphalt layers, pavement markings, adjacent lane(s), roadway shoulders, or other affected Contract work, perform these corrective actions as part of the remedial action. Complete all remedial work as approved by the CO.

**404.05 Acceptance.** The CO will provide written acceptance of the warranted construction upon expiration of the warranty period or satisfactory completion of any required remedial actions, whichever is later.

**Measurement**

**404.06** Do not measure warranty remediation for payment.

**Payment**

**404.07** No payment will be made for costs associated with warranty remediation.