02/25/2025

Include if all the following apply:

(1) NPS or BLM project;
(2) Funded by the Great American Outdoors Act; and
(3) Confirmed by the PM.

## Section 510. — CONCRETE PAVEMENT WARRANTY(ADDED SECTION)

**Description**

**510.01** This work consists of providing a warranty for concrete pavement.

**Construction Requirements**

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

**510.03** **Warranty Requirement.** A 1-year warranty is required on all concrete pavement items. The 1-year period begins from the date of final acceptance. Repair warranty work items at no additional cost to the Government. Table 510-1 contains warranty criteria information.

The CO will make a determination on conditions exceeding contract threshold 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 upon request.

**Table 510-1
Evaluation Method**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Warranty Indicator** | **Threshold/Description/Severity** | **Initial Identification** | **Evaluation Methods(2)(3)** | **Potential Remedial Action** |
| Cracking(1) | All cracking including corner cracks, longitudinal & transverse cracks, and durability cracking. | Visual | Measure and document crack type, width, and lengths.  | Remove and replace cracked slabs |
| Spalling | Breaking, chipping, or fraying of slab edge, 2-inches or greater width | Visual | Measure and document the spall locations widths, and lengths | Work with CO to determine extent of repair and remediation needed. Remediation will be dependent on the extent and severity of spalling. |
| Surface Defects | 1. Popouts - pieces of pavement broken loose from the surface with a diameter of greater than 2 inches and a depth greater than 0.5 inch.2. Scaling - deterioration of the upper concrete slab surface including loss of surface mortar and aggregate. | Visual | Confirm initially survey findings by measurement and visual observations. Document locations and quantity of distress exceeding threshold requirements.  | Work with CO to determine extent of repair and remediation needed. Remediation will be dependent on the extent and severity of distress. |
| Faulting / Dropoff | Difference in elevation across a joint exceeding 0.5 inch | Visual | Measure using a faultmeter. Take as many measurements as needed to properly characterize the distress location. | Remove and replace distressed slabs including correction of the cause of faulting/dropoff. |

(1)Longitudinal and transverse joints will not be considered cracks.

(2)Detailed pavement evaluation completed if need is identified during initial condition survey.

(3) Measure using methodologies in FHWA-HRT-13-092 (Rev May 2014)

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

Notify the CO in writing before beginning any remedial work. Complete remedial work according to the specifications for that work item and as approved. 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 pavement markings, adjacent lanes, roadway shoulders, or other affected contract work, perform these corrective actions as part of the remedial action. Complete all remedial work as approved.

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

**Measurement and Payment**

**510.06** Do not measure warranty remediation for payment. See Subsection 109.05.