
Special Specification 3045

Cracking and Seating Existing Concrete Pavement



1. DESCRIPTION

Crack and seat the existing concrete pavement.

2. CONSTRUCTION METHODS

Prior to cracking the concrete pavement, remove any asphaltic or base overlay as shown on the plans or as directed by the Engineer. Use equipment to crack the concrete pavement designed to allow the operator to control the strike energy and spacing. Test sections will be used to establish the strike energy and spacing needed to obtain the desired cracking pattern. The approved method determined by the test section will be the basis for the cracking operation. Break the concrete pavement to give a crack spacing of approximately 24" with no more than 10% over 36" with none over 48" when checked on a random basis. If the cracks are so fine that they are difficult to see, apply water to a check section once each day to verify that the specified crack pattern is being maintained. After the pavement has been cracked, roll the pavement with a pneumatic-tire roller conforming to Item 214, "Rolling (Heavy Pneumatic Tire)", except for measurement and payment. Roll the pavement until it is well seated. Should subgrade weakness become evident when seating the concrete, remove the concrete and the wet or unstable subgrade material, and replace with material meeting the requirements of Item 132, "Embankment", or Item 247, "Flexible Base", as specified by the Engineer.

3. MEASUREMENT

This Item will be measured by the square yard in its original position regardless of its thickness.

4. PAYMENT

The work performed in accordance with this Item and measured as provided under "Measurement", will be paid for at the unit price bid for "Cracking and Seating Existing Concrete Pavement". This price is full compensation for furnishing labor, tools, equipment, supplies, sprinkling, rolling, and incidentals necessary to complete the work.

The removal and disposal of any material covering the existing concrete will be measured and paid for in accordance with the provisions of Item 354, "Planing and Texturing Pavement".

The removal of any concrete pavement and the removal and replacement of unstable subgrade will be measured and paid for in accordance with the provisions governing Item 104, "Removing Concrete", Item 110, "Excavation", Item 132, "Embankment", and/or Item 247, "Flexible Base".