

Item 700

Pothole Repair



1. DESCRIPTION

Repair potholes, spalled areas, depressions, and raveled or damaged pavement edges in roadway surfaces.

2. MATERIALS

Furnish materials, unless otherwise shown on the plans. Use materials that meet the requirements of the following Items, as shown on the plans.

- Item 300, "Asphalt, Oils, and Emulsions,"
- Item 330, "Limestone Rock Asphalt Pavement,"
- Item 334, "Hot-Mix Cold-Laid Asphalt Concrete Pavement,"
- Item 340, "Dense-Graded Hot-Mix Asphalt (Small Quantity),"
- [DMS-9202](#), "Asphaltic Concrete Patching Material (Stockpile Storage or Bagged),"
- [DMS-9203](#), "Rapid-Curing Asphaltic Concrete Patching Material (Containerized)," and
- [DMS-9204](#), "Fiber Additives for Bituminous Mixtures."

3. WORK METHODS

Work requests are made on a callout basis. Begin physical repair within 24 hr. of notification, 3 hr. if emergency mobilization is required, unless otherwise shown on the plans.

- 3.1. **Standard Repair.** Remove loose and foreign materials from the repair area. Remove water, dry, and apply tack coat to surfaces of the repair area unless otherwise directed.

Place repair material in horizontal lifts as directed. Finish to grade and compact to conform to roadway surface. Compact with hand tamp, mechanical tampers, or rollers as directed or approved. Compact to achieve full consolidation.

Repair pavement edges to the line and grade of original pavement. Clean roadway surface after repair operations. Dispose of materials removed as directed or approved.

- 3.2. **Saw-Cut Repair.** Square the sides of the repair area by saw-cutting or other approved methods. Remove loose and foreign material. Clean and dry the repair area. Apply tack coat to surfaces of the repair area unless otherwise directed.

Place repair material in horizontal lifts no more than 3 in. deep. Finish to grade and compact to conform to roadway surface. Compact with hand tamp, mechanical tampers, or rollers as directed or approved. Compact to achieve full consolidation.

Repair pavement edges to the line and grade of original pavement. Clean roadway surface after repair operations. Dispose of materials removed as directed or approved.

4. MEASUREMENT

Emergency mobilization will be measured by each emergency work request. Pothole repair will be measured by the square yard of surface area or by the cubic yard, ton, or pound of material used. For Contracts with

callout work without emergency mobilization, the minimum quantity per callout respectively is 5 sq. yd., 1/2 cu. yd., 1/2 ton, or 150 lb., unless otherwise shown on the plans.

- 4.1. **Area.** The surface area of repairs will be measured.
- 4.2. **Volume.** Trucks will be measured and the loose volume in cubic yards will be calculated for legally transported loads. Level the load for measurement before beginning work. Level off the material remaining on the last load for measurement. Material not used at the end of the day will be deducted from the volume.
- 4.3. **Weight (Ton).** Trucks will be weighed on certified scales. Provide weight tickets. Material not used at the end of the day will be deducted from the weight. Measurement will be in accordance with Item 520, "Weighing and Measuring Equipment."
- 4.4. **Weight (Pound).** Materials furnished in a container will be measured by the pound as shown on the container.

5. PAYMENT

The work performed and materials furnished in accordance with this Item and measured as provided under "Measurement" will be paid for at the unit prices bid for "Pothole Repair (Standard)" or "Pothole Repair (Saw-Cut)" and "Emergency Mobilization," if required. The price bid for pothole repair is full compensation for furnishing materials, unless otherwise shown on the plans; application of the tack coat; removal and disposal of debris and excess material; leveling off or weighing the load for measurement; and equipment, labor, tools, and incidentals.

The price bid for emergency mobilization is full compensation for beginning physical work within 3 hr. of notification. Emergency mobilization will be paid for in addition to pothole repair.