

53.10 POTHOLE PATCHING BY HAND

53.10.1 GENERAL

The Work consists of repairing holes of up to 0.5 square metres in area and up to 100 millimetres in depth by cleaning the hole of loose material, filling the hole with an asphalt mixture and compacting the mix to provide a smooth, hard surface and a smooth transition to the surrounding pavement.

53.10.2 MATERIALS

The Contractor shall produce asphalt stabilized base course material in accordance with Specification 53.12, Production of Asphalt Stabilized Base Course Material or asphalt concrete pavement material in accordance with Specification 53.11, Production of Asphalt Concrete Pavement or supply commercially produced patching material satisfactory to the Engineer.

The Contractor shall supply aggregate or commercially produced patching material required to complete the Work. When required, the Contractor shall produce crushed aggregate in accordance with Specification 55.3, Aggregate Production and Stockpiling for the designation and class of material specified.

The Contractor shall supply tack coat and prime coat materials in accordance with Specification 55.5, Supply of Asphalt. The type of grades of liquid asphalts for prime and tack coats will be the choice of the Contractor unless otherwise specified by the Engineer.

53.10.3 EQUIPMENT

The Contractor shall supply all equipment necessary to perform the Work.

53.10.4 PROCEDURE

Traffic control and signing shall be performed in accordance with Specification 55.1, Traffic Accommodation and Temporary Signing.

All Work shall be performed during daylight hours only, unless adequate lighting exists which provides visibility of at least 700 metres and prior approval of the Engineer is obtained. No Work shall be performed when the visibility is less than 700 metres.

The Contractor shall remove all loose material from the hole and tack coat the hole and the surrounding area to 0.15 m outside of the broken area.

The patching material shall be placed and compacted in the hole such that the completed patch provides a hard, stable surface which does not rut or otherwise distort under traffic loading and provides a smooth transition to the surrounding pavement surface.

53.10.5 TIME TO COMPLETE

The Contractor shall complete the Work within 10 calendar days of the issuance of the Work Order.

53.10.6 MEASUREMENT AND PAYMENT

Measurement will be made of the number of potholes patched for each Work Order.

Payment will be made at the applicable unit price bid per pot hole for:

- "Pot Hole Patching - ASBC/ACP (up to 20 Pot holes)
- "Pot Hole Patching - ASBC/ACP (over 20 Pot holes)
- "Pot Hole Patching - Instant Patch (up to 20 Pot holes)
- "Pot Hole Patching - Instant Patch (over 20 Pot holes)

The applicable payment will be full compensation for removal and disposal of loose material, supplying and applying the tack coat, supplying the patching mix, hauling, placing and compacting the patching material, traffic accommodation and signing, and all labour, equipment, tools and incidentals necessary to complete the Work.

The cost of supplying and producing the crushed aggregate, when required, will be included in the applicable unit price bid for Pot Hole Patching and will not be paid for separately.

53.10.7 WARRANTY

The warranty period for this Work shall be 90 days.