

53.10 ASPHALT PAVEMENT POTHOLE PATCHING

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 supply asphalt stabilized base course material that meets the requirements of Specification 53.12, Production of Asphalt Stabilized Base Course Material or asphalt concrete pavement material that meets the requirements of Specification 53.11, Production of Asphalt Concrete Pavement, or commercially produced proprietary patching material satisfactory to the Engineer. Pre-approved proprietary mixes include QPR, Optimix and IRR (Instant road Repair).

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

53.10.3 PROCEDURES

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.

53.10.4 SAMPLING AND TESTING

The Contractor shall retain copies of his supplier's QC testing results, and undertake the quality control and quality assurance testing as required by the QC/QA Program as shown in the Special Provisions. The Contractor shall supply material samples to the Engineer for QA (Audit) testing purposes when requested.

53.10.5 ACCEPTANCE CRITERIA

Evaluation of the Work will be based on a visual inspection by the Engineer. To be acceptable, patches must provide a dense, smooth and level transition between the treated area and the adjacent undisturbed pavement surface. Any loose material must be removed and the site left in a clean condition.

The Contractor shall re-treat any failed areas at his expense.

53.10.6 TIME TO COMPLETE

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

53.10.7 MEASUREMENT AND PAYMENT

Measurement will be made of the number of potholes patched within a shop segment area for each Work Order. The area boundaries for shop segment areas will be established by the Engineer and the Contractor prior to commencement of the Work.

Payment will be made at the applicable unit price bid per pot hole repaired within a shop segment area for:

- "Pot Hole Patching - ASBC/ACP (up to 50 Pot holes)
- "Pot Hole Patching - ASBC/ACP (over 50 Pot holes)
- "Pot Hole Patching - Proprietary Mix (up to 50 Pot holes)
- "Pot Hole Patching - Proprietary Mix (over 50 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, and all labour, equipment, tools and incidentals necessary to complete the Work.

Contrary to Specification 55.4, Supply of Aggregate, the cost of supplying aggregate for asphalt concrete pavement or asphalt stabilized base course patching material, will be included in the applicable unit price bid for Pot Hole Patching and will not be paid for separately.

53.10.8 WARRANTY

The warranty period for this Work shall be 90 days.