

250 PAVEMENT REPAIRS

ITEM 252 - PERMANENT PAVEMENT REPLACEMENT

- 252.01 Description**
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252.01 Description. This item shall consist of removal and replacement of permanent street or driveway pavements as indicated in the plans or as directed by the Engineer, guaranteed for a period of 1 year to be free of distortion or erosion not due to normal oxidation. This item shall also be used for replacement of pavement damaged by the Contractor or its agents and pavement cuts for placing of conduits or other structures beneath a permanent pavement. Permanent pavement as herein used shall mean any hard surface type pavement including sheet asphalt, concrete, brick, blacktop, surface treated macadam and/or similar materials.

252.02 General. The Engineer shall select the type of pavement replacement to be provided to most nearly duplicate the pavement removed. The pavement types to be provided are shown in Section 252.03. In the event of a conflict between the type of replacement shown on the plans and that selected by the Engineer, the Engineer's selection shall govern. With the approval of the Engineer, substitute surfaces and/or bases may be used, it being understood, however, that such substitutions shall be made at no additional cost to the City. No repaving shall be done under this item until permission is granted by the Engineer.

252.03 Classification. Based upon the Engineer's selection as described in Section 252.02 the Contractor shall furnish one of the following pavement types:

Permanent Pavement Replacement (Standard Drawing No. 1441 Dr. A)

- Type I - Bituminous
- Type III- Brick
- Type V - Concrete

Driveway Pavement Replacement (Standard Drawing No. 2160 Dr. A)

- Type IIIA - Asphalt Driveways
- Type IIIB - Concrete Driveways
- Type IIIC - Gravel Driveways

252.04 Construction. The edges shall be cut vertical and trimmed to provide a straight line juncture between the existing and new pavement. No ragged edges shall be permitted. Concrete surfaces shall be finished to match as nearly as possible the adjacent

surfaces. Wearing surface less than 2 feet (0.6 m) in width adjacent to curbs resulting from excavation shall be removed and replaced.

252.05 Brick Pavements. This work shall consist of excavation of brick or concrete patches in brick pavements and replacement with TYPE III pavement per Section 252.03.

1. **Materials.** All salvageable bricks shall be removed without unnecessary damage, cleaned and stored in a safe place by the Contractor for reuse. Any new paving bricks shall be solid fireclay brick (4 x 8 x 4 inches) (101 x 203 x 101 mm), complying with ASTM C-1272-00. Prior to starting, the Contractor is required to submit 3 samples of bricks that closely match the existing brick. The Engineer shall review for color and texture only. Compliance with all other requirements is the responsibility of the Contractor.
2. **Installation.** Brick is to be set in reasonably close conformity to the patterns of the existing brick pavement. Brick shall be placed on a 1 inch (25 mm) sand bed over 7 inches (178 mm) of new Item 305, Portland Cement Concrete Base *or on 1 inch (25 mm) of Item 404 over 7 inches (177 mm) Item 301, Bituminous Aggregate Base.* Joints shall be uniform and be swept with one part Portland cement and one part sand mixture until joints are completely filled.

252.06 Method of Measurement. The measurement for street and driveway permanent pavement replacement shall be the volume actually placed except that in no case shall measurements extend beyond the limits 1 foot (0.3 m) exterior to the limiting lines shown for excavation on standard drawings, unless otherwise approved by the Engineer.

252.07 Basis of Payment. Payment for this Item shall be at the unit price bid per cubic yard (cubic meter) for the various pavement types placed and measured as described above, including both surface and base construction and temporary pavement removal.

Payment shall be made at contract price for:

Item	Unit	Description
252	Cubic Yard (Cubic Meter)	Permanent Pavement Replacement, Type __
252	Cubic Yard (Cubic Meter)	Driveway Pavement Replacement, Type __