

CITY OF DETROIT
SPECIAL PROVISION
FOR
UNIT PAVERS, MATERIALS

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TYJT

3/26/09

MATERIALS

CAMPUS MARTIUS CONCRETE UNIT PAVERS (12" x 12")

New concrete pavers shall Type Four Stoney Creek SLTSC3519, as produced by the Wausau Tile Company to match the existing unit pavers. Existing unit pavers may be salvaged and replaced at the lower grades if in the judgment of the Engineer they are in acceptable condition.

CAMPUS MARTIUS RED GRANITE BAND (12" x 18")

The red granite band at the south end of the Park shall be either Acajou from Granicor or Radiant Red from Cold Spring. Existing granite pavers may be salvaged and replaced at the lower grades if in the judgment of the Engineer they are in acceptable condition.

CAMPUS MARTIUS GRANITE UNIT PAVERS (18" x 18")

The granite unit pavers around to two northern corner monuments as well as around the Soldiers and Sailors Monument shall be green granite, either Abyss Green from Granicor or Kenoran Sage from Cold Spring. Existing granite pavers may be salvaged and replaced at the lower grades if in the judgment of the Engineer they are in acceptable condition.

BITUMINOUS SETTING BED

The asphalt cement to be used in the bituminous setting bed shall conform to ASTM Designation D-946-69A with a penetration at 77 degrees F. 100G., 5 sec of minimum 85 millimeters and a maximum of 100 millimeters. The fine aggregate in the bituminous setting bed shall be clean, hard sand with curable particles and free from adherent coatings, lumps of clay, alkali salts and organic matters. It shall be uniformly graded from "coarse" to "fine" and all passing the No. 4 sieve and meet with gradation requirements when tested in accordance with the standard method

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of test for sieve and screen analysis for fine and coarse aggregates ASTM Designation C-136-67. The dried fine aggregates shall be combined with hot asphalt cement, and the mix heated to approximately 300 degrees F. at the asphalt plant. The appropriate proportion of materials shall be seven (7) percent asphalt cement and ninety-three (93) percent sand by weight in the approximate ratio of 145 pounds asphalt to 1,855 pounds of sand. The contractor shall determine the exact proportions to produce the best possible mixture for construction of the bituminous setting bed to meet construction requirements.

CONSTRUCTION

Installation of the unit pavers, both salvaged and new shall be in accordance with the details on the plans.

METHOD OF MEASUREMENT AND BASIS OF PAYMENT

Estimates of quantities for the various paving materials that need to be replaced are in the Proposal. The various paving materials shall be paid for at the contract unit price agreed to by the Contractor and the Engineer and will not be paid for separately. Installation of the various paving materials shall be at the unit price for "Unit Pavers". The Bituminous Setting Bed shall be included with the cost of the various paving materials and will not be paid for separately.

<u>Pay Item</u>	<u>Unit</u>
Unit Pavers, Material, Concrete	Ea
Unit Pavers, Material, Red Granite	Ea
Unit Pavers, Material, Granite	Ea