

DESCRIPTION

The work shall consist of removing existing brick pavers, storing and resetting brick in close conformance with the lines and grades as shown on the plans and as directed by the ENGINEER.

MATERIALS

Materials shall meet the requirements specified in the following subsections of NYSDOT Standard Specifications, Section 700, latest revision:

Portland Cement	701-01
Crushed Stone	703-0201
Mortar Sand	703-03
Water	712-01

Mortar shall meet the requirements as outlined in NYSDOT Standard Specifications, Section 705-21, latest revision, except that the proportion of Portland Cement to mortar sand shall be 1:3 by volume.

CONSTRUCTION DETAILS

Caution shall be taken in removing the existing brick pavers so as to avoid breakage. Foreign or extraneous matter shall be removed from the brick. This operation must be performed such that the integrity of the brick is maintained. The brick pavers shall be stored at a location that is safe from damage. The brick pavers should be placed on level ground which will provide even bearing across the brick surface. The work shall be phased so to minimize the duration of storage for the brick pavers.

After the brick pavers have been removed, the mortar bed and subbase material shall be removed and properly disposed of.

A 6" crushed stone course shall be placed on the approved subgrade, and shall extend 6" beyond the area of brick paving. A 4" layer Class A of concrete foundation shall be constructed over the crushed stone to the dimensions of the brick paving. Concrete foundation shall be constructed as outlined in NYSDOT Standard Specifications, Section 608-3.01, latest revision. A 1" layer of mortar sand shall be placed over the concrete. The mortar sand shall be evenly graded, compacted by means of two passes over the entire area with a mechanical tamper to provide a uniformly even surface.

Brick pavers shall be placed on the mortar sand bed. Prior to placing the brick pavers, the brick shall be saturated surface dry, and the mortar moistened with water. The pavers shall be placed in the pattern to match the existing and provide a uniformly even surface. Joints shall be hand tight to match existing joints. No brick pavers shall be laid or grouted in freezing weather.

A dry mixture of mortar for brick paving shall be swept over the brick pavers until the joints are completely filled and the joints lightly fogged with water. Brick pavers shall be cleaned of excess mortar, and joints finished prior to setting of the mortar. Brick pavers shall be kept moist for 4 days after filling the joints with mortar. After the 4 day curing period, removal of remaining mortar film may be accomplished by use of light acid wash (10 percent solution of hydrochloric or muriatic acid), followed by flushing with water. Care shall be taken to avoid the use of acid in areas where runoff could damage trees of other vegetation.

METHOD OF MEASUREMENT

The quantity to be measured for payment shall be the number of square feet of brick sidewalk reset.

BASIS OF PAYMENT

The unit price bid per square foot of brick pavers reset shall include the cost of: removing and reinstalling existing brick pavers; saw cutting; mortar; water; cleaning; light acid wash; concrete foundation; crushed stone; excavation; and furnishing all labor material and equipment necessary to complete the work.

Payment will be made under:

<u>Item No.</u>	<u>Item</u>	<u>Pay Unit</u>
C608.19	Reset Existing Brick Pavers	SF