

ITEM 0102021

RELAY BRICK SIDEWALK

DESCRIPTION

Work under this item shall include furnishing materials, equipment, and labor for re-laying existing brick or concrete paver sidewalk to proposed line and grade. This item shall also include furnishing new sand and brick or concrete pavers where necessary to replace broken brick or concrete pavers, removing, stockpiling, and resetting brick and/or concrete pavers, filling joints with sand, adding topsoil, grading and seeding where necessary along the walk edges.

REFERENCED ITEMS

Item 0106201 and 0106401

REQUIRED SUBMITTALS

Material Samples:

Submit material sample for brick or concrete pavers in accordance with the contract general requirements.

MATERIALS

Brick shall meet the material requirements of AASHTO M114-03 Grade SW.

Concrete pavers shall meet the requirements of ASTM C-936-01.

Sand shall meet the material requirements of Section M.03, Article 2-Fine Aggregate of the State of Connecticut, Department of Transportation, Standard Specifications for Roads Bridges and Incidental Construction Form 816, 2004.

CONSTRUCTION METHODS

Before removing any brick the contractor shall identify broken or damaged brick or pavers which are to be replaced. The engineer or inspector will verify this quantity. The contractor shall supply new brick or pavers having the same characteristics as the existing brick or pavers. The bricks or pavers shall be carefully removed and stockpiled within a secure location. The existing foundation material shall be re-graded as required to establish proposed grade using the existing material supplemented with new sand. In cases where the existing material is unsuitable, the unsuitable material will be excavated and removed and a new 4" thick sand base

will be installed as ordered by the engineer. Bricks or pavers shall be re-laid to proper line, grade, and pattern. They shall be firmly bedded in the foundation so that no voids occur underneath them and the joints shall be completely filled with sand.

The Contractor shall exercise care in the handling of the bricks to avoid damaging them. If damage to the bricks does occur due to the Contractor's negligence, as determined by the Engineer, they shall be replaced with new bricks in matching color and type at the Contractor's own expense.

Where necessary the Contractor shall backfill along the edges with topsoil which shall conform to the requirements of Item 0106201. Topsoil shall be graded to match the existing ground. Fertilizer, seed, lime and mulch, conforming to the material requirements of Item 0106401, shall then be applied in accordance with the construction methods of Item 0106401.

METHOD OF MEASUREMENT

Re-lay brick sidewalk will be measured for payment by the number of square feet of walk completed and accepted by the Engineer.

BASIS FOR PAYMENT

This item will be paid for at the contract unit price per square foot for "RELAY BRICK SIDEWALK", complete in place, which price shall include all materials, tools, equipment, labor and work incidental thereto.

<u>PAY ITEM</u>	<u>DESCRIPTION</u>	<u>PAY UNIT</u>
0102021	Relay Brick Sidewalk	SF