

ROAD COMMISSION FOR OAKLAND COUNTY

S.A.D. SPECIAL PROVISION FOR **BRICK PAVERS**

RCOC/SAD:RS

Page 1 of 2

20SAD803A
ORG: 09-17-25

a. Description.

This work shall be done in accordance with the requirements of Section 801 and Section 803 of the *2020 Michigan Department of Transportation Standard Specifications for Construction*, and as indicated herein. This consists of all work necessary to connect existing brick paver facilities to the proposed improvements including installation, removal and storage of the existing brick, reinstallation of brick pavers, joint filler and sand setting bed.

b. Materials.

Match existing materials or better. Meet or exceed the minimum guidelines listed below. Utilize existing brick pavers to the extent possible.

1. Base Material

Match existing type of base. Use granular material Class II, aggregate base or alternate type of base material as specified under separate contract pay items.

2. Sand Setting Bed

Use 2NS or 2SS meeting Section 902 of the Standard Specifications for Construction.

3. New/Replacement Brick Pavers

Brick pavers shall meet the requirements of ASTM C 902, Class SX, Type I, Application PS or PX, or as approved by the Engineer. Provide manufacturers data sheet or certification documenting that the pavers meet these specifications. The Contractor shall contact the owner of the pavers to try to determine the style of brick to use to procure replacement or new pavers.

4. Paver Joint Filler

Use 2MS meeting Section 902 of the Standard Specifications for Construction.

c. Construction.

The Contractor shall carefully remove and salvage existing brick pavers for reuse. These shall be stored as approved by the Engineer. If brick pavers are damaged by the Contractor and deemed unusable by the Engineer, the Contractor shall procure replacement pavers at their cost.

If the owner of brick pavers chooses to retain possession of surplus salvaged brick pavers that are not reinstalled, the Contractor shall neatly stack the unused brick pavers in a location approved by the Engineer for pickup and reuse by the owner. If a brick paver owner does not choose to retain possession, removed brick pavers shall become the property of the Contractor and disposed of properly outside the right-of-way in accordance with the Standard Specifications for Construction for disposal of surplus and unsuitable material.

The Contractor shall not brick over the foundations for traffic signal steel strain poles, pedestals, or base mount controllers. Install brick pavers per the manufacturer’s recommendations/local municipality’s requirements, as approved by the Engineer. Meet or exceed the minimum guidelines given below.

1. Base Course

Place base course materials only on an approved surface. Granular and aggregate base courses shall be a minimum of 6 inches thick and compacted to 95 percent of maximum unit weight. Screed, level, and shape base course surface to required grade and cross section within a tolerance of 1/4 inch.

2. Sand Setting Bed

Screed to a level that will provide a minimum 1 inch thickness when the pavers are placed and vibrated. Protect completed setting bed from damage until covered with paver units. Do not pre-compact setting bed.

3. Brick Pavers

Correct any unsatisfactory substrate or installation conditions prior to placing any pavers. Match existing placement pattern or as approved by the Engineer/owner of the pavers. Vibrate pavers to final grade with three or more passes of a vibrating plate compactor. After the first pass, brush joint filler material over the surface and vibrate into the joints with additional passes. Completely fill joints. After final vibrating, the surface must be true to grade and not vary by more than 1/4 inch when tested with a 10-foot straightedge at any location on the surface.

d. Measurement and Payment.

The completed work as measured including all labor, equipment and materials will be paid for at the contract unit price for the following contract items (pay items):

Pay Item	Pay Unit
Brick Paver, Rem, SAD.....	Square Foot
Brick Paver, Installed, SAD.....	Square Foot
Brick Paver, Furnished, SAD.....	Square Foot

Brick Paver, Rem, SAD will be measured and paid for by the square foot including removing, salvaging and storing existing brick pavers, replacing pavers damaged by the Contractor, disposal of unwanted surplus pavers, and stacking surplus pavers for pickup by their owner, as approved by the Engineer. Storage and or disposal of waste excavated material is also included in this item.

Brick Paver, Installed, SAD will be measured and paid for by the square foot including installing new brick pavers, reinstalling existing brick pavers and replacement pavers, installing the sand setting bed and joint filler, and any associated material required to complete the work. The base course under the sand setting bed will be measured and paid for separately.

Brick Paver, Furnished, SAD will be measured and paid for by the square foot and shall be payment in full for furnishing new brick pavers if necessary. Placement is included in payment for Brick Paver, Installed.