

ITEM 08608.13 M - FURNISH AND INSTALL GRASS PAVERS

DESCRIPTION:

This work shall consist of furnishing and installing a grass paver area on a prepared base in accordance with the details shown in the contract documents or as established by the Engineer.

MATERIALS:

Grass Paver: The contractor is directed to use either a precast concrete grass paver or an approved equal made of plastic products (see list of manufacturers).

List of Manufacturers for Plastic Product Grass Pavers:
NDS
851 North Harvard Ave, Lindsay, CA 93247, (559-562-9888)

PERMATURF CO. INC.
13 Dow Road, Bow, New Hampshire 03304, (800-498-4116)

GRASSPAVE² INVISIBLE STRUCTURES, INC.,
20100 E. 35th Drive, Aurora, CO 80011, (303-373-1234)
or approved equal.

Materials shall meet the requirements specified in the following subsections of section 700-Materials:

Cushion Sand	703-06
Precast Concrete Pavers	704-13
Topsoil	713-01
Seed	713-04

Cushion sand setting bed shall consist of hard, durable, uncoated particles of soil or rock, free from lumps of clay and all deleterious substances.

The cushion sand setting bed materials shall meet the following gradation requirements and shall be approved by the Regional Geotechnical Engineer.

<u>SIEVE SIZE</u>	<u>PERCENT PASSING BY WEIGHT</u>
6.3 mm	100
2.0 mm	50 - 85
425 µm	20 - 45
75 µm	3 - 10

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Seed mixture shall meet the following:

<u>NAME</u>	<u>VARIETY</u>	<u>WT. OF PURE LIVE SEED per m²</u>
Red Fescue (Festuca rubra)	Commercial	6.0g
Perennial Ryegrass(Lolium perenne)	Commercial	3.4g
Kentucky Blue Grass (Poa pratensis)	Commercial	<u>4.0g</u>
	Max. 25% hard seed	
		Total: 13.4g

CONSTRUCTION DETAILS:

The pavers shall be laid on a prepared 50 mm cushion sand setting bed to the grade and slope shown on the plans or as directed by the Engineer, placed over a prepared subgrade, and laid per manufacturer's specifications.

After pavers have been set, topsoil shall be swept into the voids and seeded.

The contractor shall protect the area until a reasonable stand of grass has been established as determined by the Engineer. Any damage caused by the contractor's operations to the adjacent areas shall be repaired by the contractor at no expense to the State.

Where substantial tree roots are encountered, setting the line and grade shall be adjusted as necessary to assure preservation of the tree roots as approved by the Engineer. Where necessary, material conforming to the subbase specification shall be utilized to perform such adjustment.

METHOD OF MEASUREMENT:

This work will be measured as the number of square meters of pavers furnished and installed.

BASIS OF PAYMENT:

The unit price bid, per square meter, shall include the cost of furnishing all labor, materials and equipment necessary to complete the work, including setting bed material and seed. Necessary excavation and subbase course material will be paid for separately under their appropriate items.