

ITEM 04554.9610 M - PERMANENT GRES WALL FACING W/ SIMULATED STONE FINISH

DESCRIPTION:

This work shall consist of placing concrete wall facing with simulated stone finish onto a permanent Geosynthetic Reinforced Earth System (GRES) at location shown on the plans or as directed by the Engineer.

MATERIALS:

All the material requirements of §555-2 and §556-2 shall apply. Class D Concrete shall be used. Any commercially produced form liner meeting the requirements of this subsection will be acceptable.

Form liners shall:

1. Produce the pattern required by the plans.
2. Be composed of a material(s) that will not bond to concrete.
3. Be attachable to standard plywood, or steel, concrete forms, such that no distortion, or stray markings, occur within the concrete surfaces.

Form liners will be acceptable at the work site upon written certification that the requirements of this subsection have been met. Release Agents shall be in accordance with the form liner manufacturer's recommendation.

CONSTRUCTION DETAILS:

All concrete work shall be in conformance with § 555-3.03 of the Standard Specifications. The pattern to be used will be as shown on the plans

All attachments of form liner to concrete form shall be such that no distortion, or stray markings, occur within concrete surfaces exposed to view.

Special care shall be taken after installation to ensure that all form liner surfaces are thoroughly clean of all stray material of any nature. No concrete shall be placed prior to the Engineer's inspection and approval of form liner surfaces.

After form work removal, the Engineer will inspect architecturally patterned concrete surfaces. All such surfaces which do not exhibit the required architectural pattern shall be repaired in a manner satisfactory to the Engineer at no cost to the State. The repair shall match the concrete surface. Concrete repair material, if used, shall meet the requirements of Subsection 701-04.

METHOD OF MEASUREMENT:

This work will be measured as the number of square meter satisfactorily completed in the field. The quantity shall be computed from the payment lines shown on the plans or as established by the Engineer in writing. Measurement will be taken as the projection onto a vertical plane of the textured area. No measurements will be taken of the actual surfaces.

BASIS OF PAYMENT:

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The unit price bid shall include the cost of furnishing all labor, materials, and equipment necessary to complete the work including all necessary concrete, the formlining, release agents, caulking compounds, patch mix and pattern mock-up (if necessary).

Payment will be made under:

<u>Item No.</u>	<u>Item Description</u>	<u>Pay Unit</u>
04 554.96 M	Perm GRES Wall Facing W/ Simulated Stone Finish	Square Meter

This Spec has been Disapproved by EI 04-021