

## 650 ROADSIDE

### ITEM 668 - SEEDING AND EXCELSIOR MATTING

- 668.01 Description**
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- 668.05 Method of Measurement**
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**668.01 Description.** This work shall consist of furnishing, placing and maintaining seeding and excelsior matting on areas as shown on plans and as directed by the Engineer.

**668.02 Materials.** Excelsior matting shall consist of a machine-produced mat of wood excelsior, 80 percent of which is at least 8 inches (200 mm) in length. The wood from which the excelsior is cut shall be properly cured to achieve adequately curled and barbed fibers.

The matting shall be of consistent thickness, with the fiber evenly distributed over the entire area of the mat. The matting shall be covered on the top side with a netting having a maximum 3 inch (76 mm) by 1 inch (25 mm) weave, twisted kraft paper yard having a high wet strength, or biodegradable plastic, and entwined with the excelsior for maximum strength and ease of handling.

The matting may be 24, 26, or 48 inches (0.6, 0.66, 1.2 m) in width, plus or minus 1 inch (25 mm), and in rolls of more than 100 feet (30.5 m) in length. The weight of the material shall be not less than 0.72 pound per square yard (390 g/m<sup>2</sup>), constant weight, air dry.

The staples used for stapling shall be as specified for jute matting in Section 667.02.

**668.03 Construction.** Within 48 hours after the area has been fertilized, and limed if specified, it shall be seeded with the mixture and at the rate as specified in Section 659.09.

Within 48 hours after the specific area has been seeded, excelsior matting shall be installed, held in place and over-seeded as specified for Section 667.03, except that edge and end overlap shall be 1 1/2 inches (38 mm), and no check slots shall be required. The up-slope end or top edge of each strip need not be buried unless required by the Engineer due to special conditions in the field. The excelsior shall be in contact with the soil. No vegetative mulching material shall be used under the excelsior matting.

**668.04 Maintenance.** The matting areas shall be maintained as described for jute matting in Section 667.04.

**668.05 Method of Measurement.** The yardage of excelsior matting shall be the number of square yards (square meters) (soil surface area) of seeding and excelsior matting placed in accordance with these specifications, completed and accepted.

**668.06 Basis of Payment.** Payment for accepted quantities placed, will be made at the contract price for:

<b>Item</b>	<b>Unit</b>	<b>Description</b>
668	Square Yard (Square Meters)	Seeding and Excelsior Matting

The liming and fertilizing required on the area covered by seeding and excelsior matting will be paid for under Item 659.