

SECTION 208 - TEMPORARY SOIL EROSION AND DUST CONTROL

208.03 METHODS OF CONSTRUCTION

(I) Silt Fence

The following is added:

Install heavy duty silt fence with geotextile securely buried in the existing soil. Join sections of the geotextile so that they work effectively as a continuous fence. Install fence posts at a slight angle toward the anticipated runoff source. Install orange or black color heavy duty silt fence in locations as shown in the Plans. Do not substitute the colors orange for black or black for orange.

The following is added:

(N) Floating Turbidity Barriers

Floating turbidity barriers, consisting of ten (10) mil thick polyethylene plastic sheets suspended from floats, shall be installed in streams or other watercourses to intercept silt outletting from drainage pipes or caused by construction operations within the waterways.

Barriers shall be located 50 feet from the point of discharge of drainage pipes or from construction operations affecting the waterways. The barriers shall extend across the entire waterway or radially from the shore line.

(O) Temporary Stone Outlet Sediment Traps

Temporary stone outlet sediment traps, consisting of temporary basins and riprap spillways, shall be constructed within existing, proposed, and temporary ditches.

The spillways shall consist of riprap stones conforming to the requirements for Type C Stone. Type B Stone shall be placed immediately upgrade of the spillways.

The riprap stones and coarse aggregate shall be placed on geotextile fabric which shall be buried in the soil. When sections of geotextile fabric need to be joined, the sections shall be overlapped a minimum of 18 inches in the direction of flow.

208.04 MEASUREMENT

The following is added:

Floating Turbidity Barriers will be measured by the linear foot.

Temporary Stone Outlet Sediment Traps of the various sizes will be measured by the number of each.

Heavy duty silt fence of the color specified will be measured by the linear foot.

208.05 PAYMENT

The following is removed:

<i>PAY ITEM</i>	<i>PAY UNIT</i>
<i>Heavy Duty Silt Fence</i>	<i>Linear Foot</i>

The following is added:

Payment will be made under:

<i>PAY ITEM</i>	<i>PAY UNIT</i>
Floating Turbidity Barriers	Linear Foot
Temporary Stone Outlet Sediment Traps, ___' x ___'	Each
<i>Heavy Duty Silt Fence, (Orange or Black)</i>	<i>Linear Foot</i>

SECTION 923 - MISCELLANEOUS

923.30 SILT FENCE

Delete this subsection in its entirety, and replace it with the following:

Provide geotextile material with protective wrapping and, before placement, store the rolls in a manor that protects them from moisture and minimizes exposure to ultraviolet radiation. Provide silt fence that is inert to commonly encountered chemicals, and that is stabilized against ultraviolet light degradation. Label each roll to provide product identification.

The geotextile material for both silt fence and heavy duty silt fence shall meet the requirements of AASHTO M 288. The color of heavy duty silt fence shall be black or orange as shown in the Plans.