

Item No. 631S
Interceptor Swale

631S.1 Description

This Standard Specification Item governs a temporary excavated drainage way that is located across disturbed areas or rights of way. The purpose of an interceptor swale (Environmental Criteria Manual Section 1.4.2.B) is to shorten the length of exposed slopes, thereby reducing the potential for erosion, by intercepting storm runoff and diverting it to a stabilized outlet or sediment-trapping device. This item shall also include removal of the "Interceptor Swale" and re-vegetation of the area.

This specification is applicable for projects or work involving either inch-pound or SI units. Within the text, the inch-pound units are given preference followed by SI units shown within parentheses.

631S.2 Submittals

The submittal requirements for this specification item shall include:

- A. The dry riprap submittal shall include:
 - 1. Type, size and source of rock,
 - 2. Filter fabric, and
 - 3. Construction details.
- B. The seeding submittal shall include:
 - 1. Identification of the type, source, mixture, pure live seed (PLS) and rate of application of the seeding,
 - 2. Type of mulch,
 - 3. Type of tacking agent, and
 - 4. Type and rate of application of fertilizer.

631S.3 Materials

A. Stabilization

Dry riprap shall conform to the requirements for Dry Riprap (Section 591S.5) of Standard Specification Item No. 591S, "Riprap for Slope Protection".

B. Seeding

Seeding shall conform to Item No. 604S, "Seeding for Erosion Control".

631S.4 Construction Methods

All trees, brush, stumps, obstructions and other objectionable material shall be removed and disposed of so as not to interfere with the proper functioning of the swale, as indicated on the Drawings.

<i>RELATED</i> CROSS REFERENCE MATERIALS
Specification 631S, "Interceptor Swale"

City of Austin Standard Specifications

<u>Designation</u>	<u>Description</u>
Item No. 101S	Preparing Right of Way
Item No. 102S	Clearing and Grubbing
Item No. 111S	Excavation
Item No. 120S	Channel Excavation
Item No. 401	Structural Excavation and Backfill
Item No. 602S	Sodding for Erosion Control
Item No. 605S	Soil Retention Blanket
Item No. 606S	Fertilizer
Item No. 608S	Planting
Item No. 610 S	Preservation of Trees and Other Vegetation
Item No. 620S	Filter Fabric
Item No. 621S	Diversion
Item No. 627S	Grass-Lined Swale and Grass-Lined Swale With Stone Center
Item No. 636S	Perimeter Swale

Texas Department of Transportation: Standard Specifications for Construction and Maintenance of Highways, Streets, and Bridges

<u>Designation</u>	<u>Description</u>
Item No. 100	Preparing Right of Way
Item No. 110	Excavation
Item No. 132	Embankment
Item No. 158	Specialized Excavation Work
Item No. 166	Fertilizer
Item No. 168	Vegetative Watering
Item No. 169	Soil Retention Blanket
Item No. 204	Sprinkling