

**DESCRIPTION**

This work shall consist of furnishing and installing a trench drain system and accessories in accordance with the contract documents and as directed by the Engineer.

**MATERIALS**

Manufacturer:

ABT, Inc  
PO Box 837  
259 Murdock Rd  
Troutman, NC 28166  
800-438-6057  
[www.adtdrains.com](http://www.adtdrains.com)

ACO Polymer Products  
12080 Ravenna Rd  
Chardon, OH  
800-543-4764  
[www.acousa.com](http://www.acousa.com)

Zurn Industries, Inc.  
2855 Girts Rd  
Jamestown, NY 14701  
716-665-1135  
[www.zurn.com](http://www.zurn.com)

Or equal as approved by Engineer.

Trench drain units shall be interlocking channels and includes an attached grate meeting the requirements of §655-2, Frames, Grates, and Covers.

Channel units shall be able to accept connections to 100 mm (4") or 150 mm (6") underdrain pipe on the ends, bottom, and/or sides.

The trench drain system shall meet a design load of HS 20 and the grate shall be ADA compliant.

**CONSTRUCTION DETAILS**

Excavation shall be in conformance with the Construction Details of §206-3 Trench, Culvert, and Structure Excavation.

Install trench drain system with manufacturer's instructions. Drainage units shall be laid in close conformity to line and grade and have a full, firm and even bearing at each joint and along their entire length.

Backfill shall comply with §206-3.15, Fill and Backfill at Structures, Culverts, Pipes, Conduits, and Direct Burial Cable.

**METHOD OF MEASUREMENT**

This work will be measured as the number of meters of Trench Drain System satisfactorily furnished and installed.

**BASIS OF PAYMENT**

The unit price bid shall include the cost of furnishing all labor, materials, and equipment necessary to satisfactorily complete the work. Excavation and backfill will be paid for under the items shown in the contract documents.