

STANDARD AND SPECIFICATIONS FOR STABILIZED CONSTRUCTION ENTRANCE

Definition: A stabilized pad of aggregate on a geotextile fabric base located at any point where traffic will be entering a construction site to or from a public right-of-way, street, alley, sidewalk or parking area.



Purpose: To prevent site access points from becoming sediment sources.

Conditions Where Practice Applies:

A stabilized construction entrance shall be used at all points of construction ingress and egress.

Design Criteria

See Standard Detail.

Geotextile Fabric

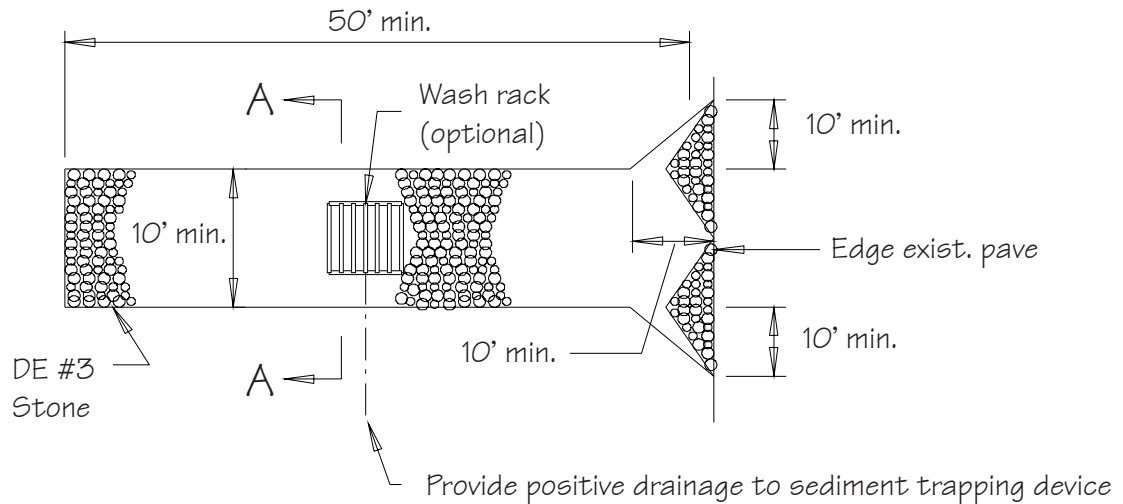
Geotextiles used for stabilized construction entrances shall be **Type GS-1** (see **Appendix A-3.**)

Maintenance Criteria

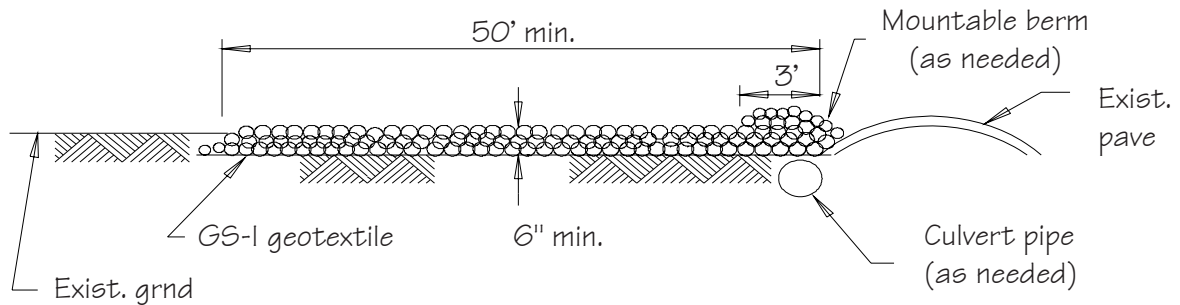
The entrance shall be maintained in a condition which will prevent tracking of sediment onto public rights-of-way or streets. This may require periodic top dressing with additional aggregate. All sediment spilled, dropped, or washed onto public rights-of-way must be removed immediately.

When necessary, wheels must be cleaned to remove sediment prior to entrance onto public rights-of-way. When washing is required, it shall be done on an area stabilized with aggregate which drains into an approved sediment trapping device. All sediment shall be prevented from entering storm drains, ditches, or watercourses.

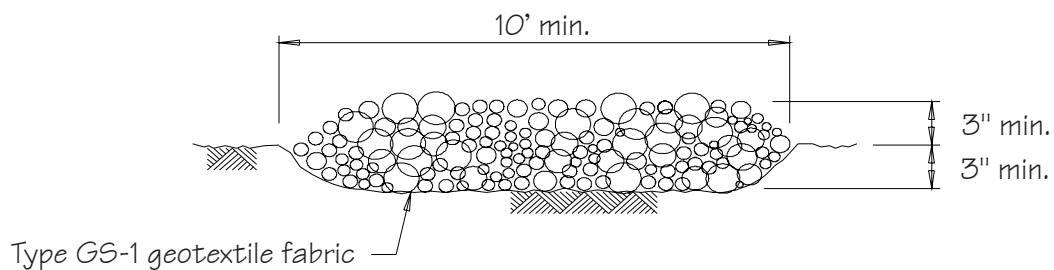
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Plan



Profile



Section A-A (Std.)

Source:

Adapted from
VA ESC Handbook

Symbol:

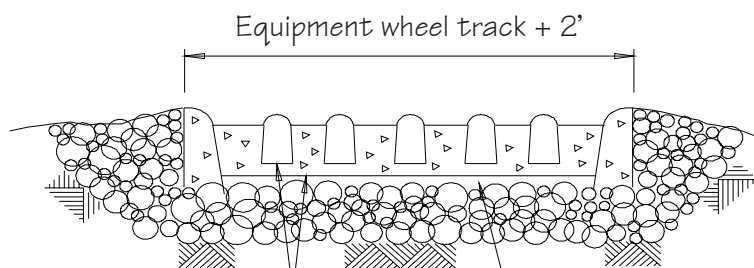


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Standard Detail & Specifications

Stabilized Construct. Entrance



Metal bars set in reinforced conc.
 (traffic bearing grates, timber mats or
 other approved equiv. may be substituted)

Provide space for drainage

Section A-A (Opt.)

Construction Notes:

1. Stone size - Use DE #3 stone.
2. Length - As required, but not less than 50 feet (except on a single residence lot where a 30 foot minimum length would apply).
3. Thickness - Not less than size (6) inches.
4. Width - Ten (10) foot minimum, but not less than the full width at points where ingress or egress occurs.
5. Geotextile - Type GS-I; placed over the entire area prior to placing of stone.
6. Surface Water - All surface water flowing or diverted toward construction entrances shall be piped across the entrance. If piping is impractical, a mountable berm with 5:1 slopes will be permitted.
7. Maintenance - The entrance shall be maintained in a condition which will prevent tracking or flowing of sediment onto public rights-of-way. This may require periodic top dressing with additional stone as conditions demand and repair and/or cleanout of any measures used to trap sediment. All sediment spilled, dropped, washed or tracked onto public rights-of-way must be removed immediately.
8. Washing - Vehicle wheels shall be cleaned to remove sediment prior to entrance onto public rights-of-way. When washing is required, it shall be done on an area stabilized with stone and which drains into an approved sediment trapping device.
9. Inspection - Periodic inspection and needed maintenance shall be provided after each rain.

Source:

Adapted from
VA ESC Handbook

Symbol:



Detail No.

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