

EROSION AND SEDIMENTATION CONTROL

The Contractor is responsible for erosion/sedimentation control practices during construction to minimize on-site erosion/sedimentation and to protect against damage to off site property. The following practices shall be employed:

1. The limits of disturbance for all aspects of development shall not extend beyond the limits of the property or right-of-way.
2. Erosion and sedimentation control shall be the responsibility of the Contractor. Areas of off-site discharge during construction shall be protected with a sediment barrier per FDOT Index 102 to prevent off-site discharge of sediments.
3. All perimeter control measures shall be installed prior to any excavation/filling, clearing and grubbing or site grading activities.
4. Temporary seed and mulch should be used to control on-site erosion when it is not practical to establish permanent vegetation and where disturbed areas will not be fine graded for periods of 14 days or more.
5. Mulch shall be applied at a rate of 1.5 ~ 2 bales per 1,000 ft² or 1.5 ~ 2 tons per acre.
6. Straw bales shall be staked with two (2) 2" x 2" wooden stakes or two (2) #5 steel rebar w/ rubber caps.
7. Permanent vegetation shall be placed as early as possible on all slopes steeper than 5 (ft) horizontal to 1 (ft) vertical (if applicable).
8. Sod is required for all surfaces with slopes greater than 4 H:1V. Sod shall be installed perpendicular to the expected flow and pinned for slopes 3 H:1V or greater.
9. Permanent vegetative stabilization shall be applied on fine graded sites as soon as practical. Temporary seeding should be employed to prevent exposure of barren soils until permanent vegetation can be applied.
10. All erosion and sedimentation control measures shall be inspected weekly and after rain events. Control measures shall be maintained or modified at any point they cease to function properly or have an accumulated sediment height of 50%.