

SPECIAL DESIGN STRUCTURES, SOIL SURVEY AND PAVEMENT DESIGN

"No Plan" projects may include standard drainage structures or channel modifications that do not require a hydraulic study. Major structures with "B" or "D" designation numbers, major channel modifications or other structures that require a hydraulic study may be constructed under the "Accelerated Bridge Plan" concept. Separate bid items are to be set up when needed.

The District Materials section is to review the project site to determine if soil samples may be necessary. The District Materials Engineer is to furnish recommendations regarding any undercutting or pipe bedding requirements and pavement design.

MOBILIZATION AND FIELD OFFICE

Mobilization is to be set up as a contract item on "No Plan" and "Minimum Plan" projects in accordance with VDOT's Road and Bridge Specifications.

When it is necessary to set up a field office, it is set up as a contract item in accordance with VDOT's Road and Bridge Specifications at the discretion of the District; however, other arrangements should be considered such as the use of existing facilities where feasible to eliminate the need for the extra cost of a field office.

DRAINAGE FACILITIES AND EROSION AND SEDIMENT CONTROL MEASURES

For all land disturbance activities that disturb an area equal to or greater than 10,000 square feet or 2,500 square feet or greater in Tidewater Virginia** an Erosion and Sediment Control (ESC) Plan and a Stormwater Pollution Prevention Plan (SWPPP) must be prepared and included in the contract documents. The appropriate notes on the SWPPP General Information Sheets must be completed and included in the plan set or other such contract documents. Guidelines for developing and approving an ESC Plan are contained in the latest version of VDOT's [Drainage Manual](#). Guidelines for completing the SWPPP General Information Sheets are contained in Chapter 10 of the latest version of VDOT's [Drainage Manual](#).

Temporary and permanent erosion and sediment control measures are required in accordance with the Department's approved ESC and SWM Standards and Specifications. Plan details must accompany any plan narrative and shall denote the type and location of proposed erosion and sediment control measures.

Seeding operations, erosion, and sedimentation control measures shall be included as specific contract items in accordance with standard specifications and procedures. All drainage facilities shall be designed in accordance with the appropriate design criteria noted in the VDOT Drainage Manual and shall comply with Minimum Standard 19 of the Virginia Erosion and Sediment Control Law and Regulations.

** Tidewater, VA, as defined by the Virginia Chesapeake Bay Preservation Act, Title 10.1, Chapter 21, Code of Virginia.

* Rev. 8/16