

SECTION 2E – 10 - FIELD INSPECTION

HOLDING FIELD INSPECTION

See [Project Management Online Guide](#)*

SAFETY ITEMS AND SEQUENCE OF CONSTRUCTION

The safety of motorists, pedestrians, and construction workers during roadway construction must be carefully considered by the designer during the development of the road plans.

Safety during construction, sequence of construction, and maintenance of traffic are so closely related that they should be considered as one element.

"[The Virginia Work Area Protection Manual](#)" (See IIM LD- 93) is to be used as a reference to determine if barricades or channelizing devices need to be included in the contract plans.

In addition to determining the need for barricades and/or detours, the designer is to review the plans carefully for the possibility of shifting traffic lanes away from the normal position during construction. If this operation is necessary to construct the project, a sequence of construction is to be considered by the designer in conjunction with the appropriate Assistant Construction Engineers and/or appropriate Assistant District Engineer. See [II&M 241](#) "Work Zone Safety/ Mobility" for additional information

The Local Assistance Division, Asset Management Division, Structure and Bridge Division, and Traffic Engineering Division should be consulted on projects in their respective area of responsibility. The sequence of construction is to include diagrams and appropriate notes to inform the contractor as to how this operation is to be accomplished and advise of traffic problems that may be encountered. These shifts in traffic flows are to be designed to conform to the geometrics shown in the standards for detours (St'd. GS-10) and/or as indicated in the "Safety Guidelines for Construction Zones" (See [IIM-LD-93](#)).

When a sequence of construction plan is considered necessary, it shall be included in the plans that are distributed for review at the Field Inspection and it shall be of sufficient detail to present the basic concept and to reflect environmental, traffic, safety, and right of way requirements.

A copy of the sequence of construction plan with the accepted Preliminary Field Inspection recommendations incorporated is to be furnished to the Traffic Engineer prior to the public hearing/right of way stage. If detours and/or right of way (including easements) will be required for the maintenance of traffic, the sequence of construction must be completed in sufficient detail for the right of way requirements to be incorporated into the public hearing right of way plans.

* Rev. 7/08