

Note No. 1 - Construction of proposed and temporary channel changes and culverts will be performed in such a manner as to minimize siltation of streams. Coordinate the essential sequence of operations so that work in live streams (including tie-ins on existing streams to proposed or temporary channel changes and culverts) will be scheduled for the season occurring during the life of the contract at which stream flow is at or near its minimum.

Prior to beginning excavation in live streams (including tie-ins) for proposed and temporary channel changes and culverts, required erosion control devices downstream from the proposed location(s) will be in place. Such devices will be properly maintained during construction at the respective locations. Material excavated for construction of proposed and temporary channel changes and culverts will be deposited within the roadway prism or in designated waste areas in such a manner as to prevent its return to streams by high water or run off. Backfill and approach fills for culverts will consist of excavation material. Erosion control devices will be strategically located as shown on the plan view to prevent siltation of streams during placement of backfill and approach fills and until the slopes are stabilized in accordance with Virginia Department of Transportation's Road and Bridge Specifications.

Note No. 2 - Proposed Channel Change(s) No. _____ will be constructed in the dry, with the exception of tie-ins to existing live streams, and will be completed (including stabilization of the bottom and slopes) prior to diverting existing streams through proposed channel change(s). Once excavation for the tie-ins is begun, it shall be continuously prosecuted to completion, including stabilization of bottom and slopes.

Note No. 3 - Culvert(s) No. _____ will be constructed by diverting the stream through a temporary channel change during excavation for and installation of the culvert(s). The temporary channel change will be constructed in the dry, with the exception of tie-ins to existing stream, and will be completed (including necessary stabilization of bottom and slopes) prior to diverting stream through temporary channel change. Once excavation for the tie-ins for the temporary channel change is begun, it shall be continuously prosecuted to completion including necessary stabilization of the bottom and slopes. The stream will not be diverted through the proposed culvert(s) until installation is complete, including required stabilization of inlet and/or outlet channel(s).