

## SECTION XI

### CHANNELS

11-01. Channel excavation. In channel improvement and channel rectification projects, channel excavation will be performed in strict accordance with the contract plans and specifications. The contract plans and specifications must, therefore, indicate the depth and width of excavation and the proposed invert grade line. Great care must be exercised where channels are excavated under bridges. The channel invert must not be lower than the footing of the piers or abutments nor should the excavation be performed in such a way as to cause erosion or scour under a bridge to endanger the safety of the piers or abutments.

11-02. Dredging. Where computations are being made to determine dredging quantities to be removed from channels, the computations may be simplified by taking average depths across the sections and adding a certain amount for side slopes. Criteria on Dredging Policies and Practices is contained in EM 1130-2-307.