

MEMORANDUM

Guidelines for the Evaluation of
Encroachments on Flood Plains

FEB 22 1982

Chief, Bridge Division
Office of Engineering HNG-31 Washington, D.C. 20590

Regional Federal Highway Administrators
Regions 1-10, and Direct Federal Division Engineers

The attached guidance is a step-by-step approach to be considered in making studies to meet the requirements of Federal-Aid Highway Program Manual (FHPM) 6-7-3-2. Location and Hydraulic Design of Encroachments on Flood Plains, issued November 15, 1979.

A checklist for conducting drainage studies and preparing reports was originally issued as an attachment to FHPM 6-7-3-2, issued May 29, 1974 (Transmittal 30). With the revision of FHPM 6-7-3-2 in accordance with Executive Order 11988, Floodplain Management, the checklist was eliminated. These guidelines present an updated version of the checklist.

This approach should be used as a guide when conducting studies for the evaluation of highway encroachments on flood plains. It provides suggestions as to the appropriate process for conducting encroachment evaluations and includes an inventory of the items which should be considered and documented for highway projects which encroach on flood plains. References are provided for sources of additional explanation and design procedures. While the decisionmaking process incorporated in this approach is applicable to all encroachments, the detail of studies should be commensurate with the risk, impacts, and importance associated with the encroachment and location.

/s/

Stanley Gordon

Attachment