

State of Alaska
Department of Transportation & Public Facilities
**FLOODPLAIN CONSULTATION FORM
LOCATION HYDRAULIC STUDY***



***Instructions:** This form is optional for NEPA Assignment Program Projects and is intended to be used in conjunction with the State of Alaska DOT&PF Program Guidance on Documenting Floodplain Impacts and Compliance with E.O 11988. Any answer with an asterisk (*) in Section II requires consultation with the Hydraulics Engineer to complete Sections III and IV. The Hydraulics Engineer must also sign this form for it to be approved as the Location Hydraulic Study. Justification for responses must be provided either in the form or in separate attached documentation.*

The environmental review, consultation, and other actions required by applicable Federal environmental laws for this project are being, or have been, carried out by DOT&PF pursuant to 23 U.S.C. 327 and a Memorandum of Understanding dated April 13, 2023 and executed by FHWA and DOT&PF.

Attachments: *List attached maps and other supporting documentation as needed.*

I. Project Information

Project Name:

State Project #:

Federal Project #:

Project Description:

II. Floodplain Information

Are National Flood Insurance Program (NFIP) maps and studies available?

Yes No*

If yes, attach map and complete items a through e below. If no, complete items c through e only and identify any sources used in preparing this form in item e below.

a. Does the project go outside of the NFIP map boundary?

Yes* No

b. Is the project located within a regulatory floodway?

Yes* No

Regulatory floodway is defined as a floodplain area that is reserved in an open manner by federal, state or local requirements, i.e., unconfined or unobstructed either horizontally or vertically, to provide for the discharge of the base flood so that the cumulative increase in water surface elevation is no more than a designated amount (not to exceed 1 foot as established by FEMA for administering the NFIP) [see 23 CFR 650.105(m)].

c. Is the project located within a base floodplain?

Yes* No Unmapped Floodplain*

Base floodplain is defined as the area inundated by a flood or tide having a one percent (1%) chance of being exceeded in any given year (100-year flood) [see 23 CFR 650.105(b) and (c)].

d. For projects encroaching within a mapped or unmapped base floodplain, is the encroachment considered “functionally dependent” as defined by FEMA?

Yes* No

CE projects with encroachments that are not functionally dependent cannot be classified as c(26, 27, or 28).

e. Floodplain description

List waterbody(ies) and Special Flood Hazard Area (SFHA) Zone(s) for NFIP mapped areas; for projects in unmapped areas or outside of NFIP map boundaries, consult with the Hydraulics Engineer to identify and describe any unmapped or unregulated base floodplains.

III. Floodplain Impacts

1. Will the proposed project result in a longitudinal encroachment? Yes No
2. Will the proposed project involve one or more of the following construction or flood-related impacts? *If yes, the proposed project will result in a significant encroachment (see 23 CFR 650.105).* Yes No
- A significant potential for interruption or termination of a transportation facility which is needed for emergency vehicles or provides a community's only evacuation route.
 - A significant risk [to life or property].
 - A significant adverse impact on natural and beneficial floodplain values.
3. Will the proposed project include elements that support probable incompatible floodplain development? Yes No
4. Will the proposed project impact natural and beneficial floodplain values? Yes No
5. Will the proposed project include elements that increase the likelihood of flooding or flood-related impacts to adjacent structures or property? Yes No

Impact Discussion: *Discuss the floodplain and flood-related impacts associated with the proposed project, and provide justification for responses to the above questions. If yes is selected for #1, #2, or #3, provide evaluation and discussion of practicability of alternatives in accordance with 23 CFR 650.111. Attach supporting documentation as needed.*

IV. Mitigation

Are any mitigation measures necessary to minimize impacts or restore and preserve natural and beneficial floodplain values impacted by the project? Yes No

If yes, explain.

V. Consultation

Were the applicable local, state, and federal water resource and floodplain management agencies consulted to determine if the proposed project is consistent with existing watershed and floodplain management programs?

Yes No

If yes, describe consultation efforts. If no, explain why not.

PREPARED BY:

Signature – Environmental Analyst

Date

Print Name: _____

Signature – Hydraulic Engineer*

Date

Print Name: _____

*If approved by the Hydraulics Engineer, this may serve as the Location Hydraulic Study