

SUMMARY OF FLOODPLAIN IMPACTS

Date: July 25, 2019

Project ID: ASD-US42-12.46 (PID 95574)

Floodplain Affected: Zone A

Description of Project:

This project consists of replacing the existing 61' single span non-composite pre-stressed and precast concrete box beam bridge with an asphalt wearing surface. The existing bridge was built on 1972 on 1935 footings. The existing structure will be replaced with a new reinforced concrete box beam with a composite deck. The bridge superstructure will be replaced with a new 32' wide pre-stressed concrete box beam bridge with a reinforced concrete deck. The existing abutments (breast walls) will be repaired to accommodate the new superstructure and the seat areas will be impacted to change to a semi integral bridge system. The project also includes guardrail replacement, replacing approach slabs, adding rock channel protection into Katotawa Creek for scour protection, and channel cleanout upstream and downstream of the structure.

Why must this project be located in the Floodplain?

The project involves maintaining and preserving an existing functionally dependent roadway.

What alternative sites were considered, if any?

Work is to an existing bridge. No other alternative sites were considered.

Were any mitigation measures utilized on this project? If so, please describe.

No. The project will not need to utilize mitigation measures.

To the best of my knowledge, this project has complied with all applicable Local, State, and Federal Floodplain protection standards.

Print Name: Don Rostofer

Signature: 

Title: ODOT District 3 Environmental Coordinator

National Flood Hazard Layer FIRMette



40°54'6.99"N



USGS The National Map: Orthoimagery, Data refreshed April, 2019.

0 250 500 1,000 1,500 2,000 Feet 1:6,000

40°53'39.79"N

Legend

SEE FIS REPORT FOR DETAILED LEGEND AND INDEX MAP FOR FIRM PANEL LAYOUT

SPECIAL FLOOD HAZARD AREAS		Without Base Flood Elevation (BFE) Zone A, V, A99
		With BFE or Depth Zone AE, AO, AH, VE, AR
		Regulatory Floodway
OTHER AREAS OF FLOOD HAZARD		0.2% Annual Chance Flood Hazard, Areas of 1% annual chance flood with average depth less than one foot or with drainage areas of less than one square mile Zone X
		Future Conditions 1% Annual Chance Flood Hazard Zone X
		Area with Reduced Flood Risk due to Levee. See Notes. Zone X
		Area with Flood Risk due to Levee Zone D
OTHER AREAS		NO SCREEN Area of Minimal Flood Hazard Zone X
		Effective LOMRs
GENERAL STRUCTURES		Area of Undetermined Flood Hazard Zone D
		Channel, Culvert, or Storm Sewer
		Levee, Dike, or Floodwall
OTHER FEATURES		20.2 Cross Sections with 1% Annual Chance Water Surface Elevation
		17.5
		Coastal Transect
		Base Flood Elevation Line (BFE)
		Limit of Study
		Jurisdiction Boundary
MAP PANELS		Coastal Transect Baseline
		Profile Baseline
		Hydrographic Feature
		Digital Data Available
		No Digital Data Available
		Unmapped



The pin displayed on the map is an approximate point selected by the user and does not represent an authoritative property location.

This map complies with FEMA's standards for the use of digital flood maps if it is not void as described below. The basemap shown complies with FEMA's basemap accuracy standards

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