

SUMMARY OF FLOODPLAIN IMPACTS

Date: January 8, 2020

Project ID: ASD-302-9.34 (PID 94433)

Floodplain Affected: Zone A, Orange Creek

Description of Project: This is an ODOT-Let project located in Orange Township, Ashland County, Ohio. The project proposes to replace the existing bridge which carries State Route (SR) 302 over Orange Creek. The existing bridge (SFN: 0305340) is a pre-stressed concrete, box beam bridge originally constructed in 1940 (with a major reconstruction in 1985). The existing bridge has a sufficiency rating of 82.6 and a general appraisal rating of 5 (inspected on 11/28/2017). The purpose of this project is to replace the existing, aging bridge with a newer, safer structure. The existing bridge will be replaced by a similar structure type on the same alignment. The proposed start date for construction is May 2021.

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: Donald E. Rostofer

Signature: 

Title: ODOT District 3 Environmental Coordinator

National Flood Hazard Layer FIRMette



40°55'42.20"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
		Regulatory Floodway Zone AE, AO, AH, VE, AR
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
		Area of Undetermined Flood Hazard Zone D
GENERAL STRUCTURES		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
		Coastal Transect Baseline
MAP PANELS		Digital Data Available
		No Digital Data Available
		Unmapped



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

The flood hazard information is derived directly from the authoritative NFHL web services provided by FEMA. This map was exported on **6/11/2018 at 8:57:00 AM** and does not reflect changes or amendments subsequent to this date and time. The NFHL and effective information may change or become superseded by new data over time.

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Source: Esri, DigitalGlobe, GeoEye, Earthstar Geographics, CNES/Airbus DS, USDA, USGS, AeroGRID, IGN, and the GIS User Community

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

40°55'15.01"N

82°17'11.82"W