



OHIO DEPARTMENT OF TRANSPORTATION INTER-OFFICE COMMUNICATION District 3

DATE: October 15, 2018
TO: File
FROM: Don Rostofer, District Environmental Coordinator *DR*
SUBJECT: Floodplain Statement of Findings
PROJECT: MED-SR94-7.66 PID 90938

Floodplain Affected: Zone AE and Floodway of Wolf Creek (see attached FEMA Firm)

Description of Project:

This is a ODOT-let project located in Sharon Township, Medina County Ohio. The project is proposed to replace the existing bridge which carries State Route (SR) 94 over a tributary to Wolf Creek. Additional work includes improvements to the bed and bank of Stream 1 (unnamed tributary to Wolf Creek) to allow Stream 1 to hold more water during flood events. The existing bridge (SFN: 5205557) is a single-span, concrete slab bridge originally constructed circa 1920 and widened in 1962 (but not eligible for the National Register of Historic Places). The existing bridge has a sufficiency rating of 56.1 and a general appraisal rating of 5 (inspected on 10/11/2017). The purpose of this project is to replace the existing, aging bridge with a newer, safer structure that can accommodate heavy storm water events without flooding the roadway. Permanent R/W will be required for this project. The amount of rights-of-ways required to construct this project are not know at this time. There will be deep excavation and utility relocation required to complete this project. The utilities to be relocated include overhead electric, telephone and tv cable. There is also a sanitary line that may need to be relocated with this project. The amount of utility relocation to these utilities is not known at this time. The proposed start date for construction is May 2020.

Why must this project be in the Floodplain?

An analysis of improvements that avoid the floodplain indicates that they are not practicable because the improvements would result in substantial adverse community impacts to adjacent homes, businesses, or other improved properties. These improvements will also substantially increase project costs, result in unique engineering, traffic, maintenance, safety problems, substantial social, economic, or environmental impacts and will not meet the identified needs of the project.

What alternative sites were considered, if any?

Three alternative alignments were considered. None of the alternatives eliminated the need to be in the floodplain of Rocky Fork.

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

Yes. During the development of this project, ODOT considered design elements that would reduce the construction footprint within the floodplain of Rocky Fork to the maximum extent possible.

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
District 3
Environmental Coordinator

Signature: 

National Flood Hazard Layer FIRMette



41°5'50.53"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		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		Cross Sections with 1% Annual Chance Water Surface Elevation
		Coastal Transect
		Base Flood Elevation Line (BFE)
		Limit of Study
		Jurisdiction Boundary
		Coastal Transect Baseline
		Profile 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 8:48:29 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.

This map image is void if the one or more of the following map elements do not appear: base map imagery, flood zone labels, legend, scale bar, map creation date, community identifiers, FIRM panel number, and FIRM effective date. Map images for unmapped and unmodernized areas cannot be used for regulatory purposes.

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

41°5'23.42"N

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

81°43'44.23"W