

SUMMARY OF FLOODPLAIN IMPACTS

Date: August 6, 2020

Project ID: LOR-SR83-2.55 (PID 109455)

Floodplain Affected: Zone A, Salt Creek

Description of Project:

This is an ODOT-led intersection safety improvement project located at both State Route 83 (Grafton Road) and State Route 303 intersections in Grafton Township, Lorain County, Ohio. Based on a safety study that was conducted at these intersections, the recommended improvement is to convert both intersections at State Route 83 and State Route 303 to single-lane modern roundabouts (i.e., dual roundabouts). Salt Creek will be impacted to replace an existing stormwater sewer outlet. A total of 0.332 acre of suitable wooded habitat trees for listed bat species will be removed for this project, some with roosting characteristics. To avoid impacts to listed bat species during summer roosting, all trees will be cleared only between October 1 and March 31. No other federal or state listed species impacts are expected within this project. The Department has initiated contact with emergency and other public services and will continue to coordinate with these services throughout construction. The project will require a 90-day detour for vehicles and pedestrians to construct the roundabouts. The local detour will be as follows:

- State Route 83 northbound - State Route 18 eastbound to State Route 252 northbound to State Route 82 westbound to State Route 83
- State Route 83 southbound - Reverse of State Route northbound detour
- State Route 303 eastbound - State Route 301 southbound to State Route 18 eastbound
- State Route 3030 westbound - State Route 252 southbound to State Route 18 westbound to State Route 301 northbound to State Route 303 westbound
- State Route 57 southbound from Grafton - State Route 82 eastbound to State Route 252 southbound to State Route 57 southbound

Construction is anticipated to begin in May 2022.

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 stormwater system. 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

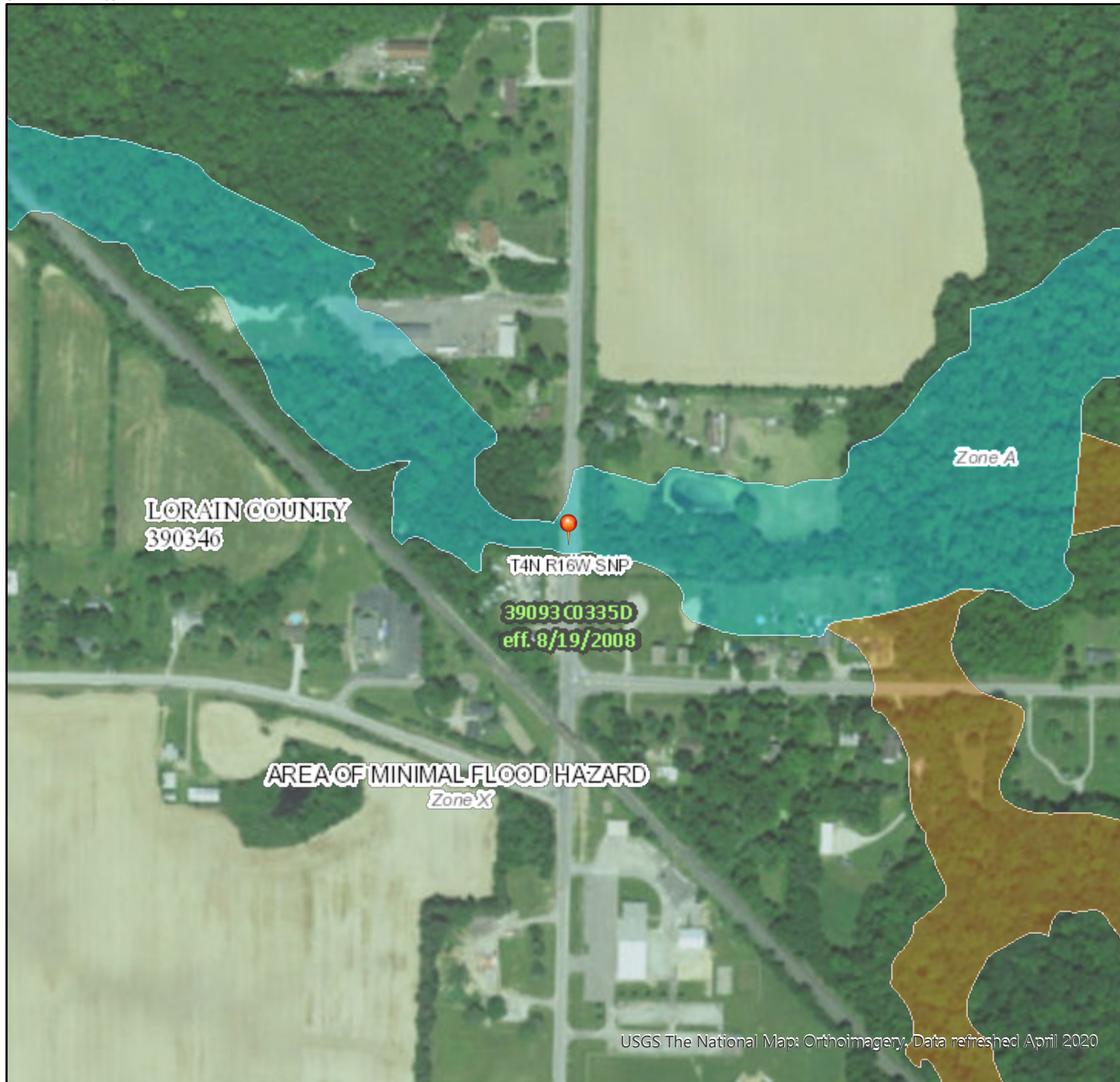
Signature: 

Title: ODOT District 3 Environmental Coordinator

National Flood Hazard Layer FIRMMette



82°1'42"W 41°14'33"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
		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
		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

The flood hazard information is derived directly from the authoritative NFHL web services provided by FEMA. This map was exported on **8/6/2020 at 11:52 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: basemap 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.

USGS The National Map: Orthoimagery, Data refreshed April 2020

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

82°1'4"W 41°14'6"N