



# OHIO DEPARTMENT OF TRANSPORTATION

District 9, 650 Eastern Avenue, P.O. Box 467, Chillicothe, Ohio 45601-0467

John R. Kasich, Governor - Jerry Wray, Director - Vaughn Wilson, District Deputy Director

## SUMMARY OF FLOODPLAIN IMPACTS

Date: 08/01/2018

Project ID: 98668

Floodplain Affected: North Pigeon Creek at Intersection of JAC-CR29 and Borland Road  
(see attached FIRMette)

### Description of Project:

The proposed project is to replace an existing 64-year-old 70'-long steel truss bridge with a new prestressed composite concrete box beam structure.

### Why must this project be located in the Floodplain?

This is a bridge replacement project to replace an existing bridge that is already located in the Floodplain. As a result, the replacement project is also located in the Floodplain.

### What alternative sites were considered, if any?

Since this is a bridge replacement project to replace an existing bridge, no alternative site was considered.

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

The existing roadway profile and the proposed bridge were raised to increase the waterway opening to avoid any negative impact to the Floodplain. The bridge span is also lengthened to about 90' so that there will be no rise of 100-year headwater elevation for the proposed project.

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

Print Name: Sean Jenq, PE, PhD

Signature: Sean Jenq

Title: Project Bridge Engineer

*The environmental review, consultation and other actions required by applicable Federal environmental laws for this project are being, or have been, carried out by ODOT pursuant to 23 U.S.C. 327 and a Memorandum of Understanding dated 12/11/2015, and executed by FHWA and ODOT.*