



OHIO DEPARTMENT OF TRANSPORTATION

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

Mike DeWine, Governor - Jack Marchbanks, Ph.D., Director - Michael Dombrowski, District Deputy Director

SUMMARY OF FLOODPLAIN IMPACTS

Date: 4/24/20

Project ID: BRO-221-05.54 (PID 105113)

Floodplain Affected: White Oak Creek, Zone A (FIRM No. 39015C0350D)

Description of Project:

The project involves the replacement of the bridge carrying SR-221 over White Oak Creek, installation of scour protection measures, and roadway approach work. The bridge and roadway will be realigned to the north to prevent the need for a detour and to improve roadway geometrics.

Why must this project be located in the Floodplain?

The existing structure is in the floodplain. The new proposed structure will span the floodplain with a single span.

What alternative sites were considered, if any?

Other alternatives considered were to maintain the original alignment and using a multi-span structure that involved substructures in the floodplain. There is not another location for the roadway or ability to eliminate the crossing.

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

The new single span structure, along with laybacks, slope stabilization, and scour protection will increase the waterway opening at the bridge and eliminate the substructures in the floodplain.

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

Print Name: Thomas Less, PE, SE

Signature: 

Title: Team Leader – Engineering Design, Woolpert Inc.

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 June 6, 2018, and executed by FHWA and ODOT.