

SUMMARY OF FLOODPLAIN IMPACTS

Date: December 11, 2018

Project ID: BUT/WAR-BUT-WAR & Western Row Road (PID: 103371)

Floodplain Affected: Muddy Creek-Zone AE-Panel 39165C0205E

Description of Project:

A Summary of Floodplain Impacts has been prepared for the BUT/WAR-Butler Warren Road and Western Row Road (PID 103371) project in the city of Mason, Butler and Warren Counties, Ohio. The proposed work consists of the reconstruction of the existing intersection of Barret Road/Western Row Road and Butler Warren Road to add a single lane roundabout. A sidewalk will also be constructed on the north and west sides of Western Row Road and Butler Warren Road, respectively. Additional work for the project includes the replacement of an existing culvert on Western Row Road, street lighting design to city standards, and landscape design.

Why must this project be located in the Floodplain?

The project must be located in a floodplain in order to replace the existing culvert. The existing culvert is situated within the floodplain and conveys Muddy Creek below Western Row Road.

The existing four-sided concrete structure is deteriorated with spalling and exposed rebar. While road reconstruction is taking place over the culvert, it is an opportune time to replace the structure.

What alternative sites were considered, if any?

No alternative sites were considered since the culvert that will be replaced as part of the proposed project is already located within the floodplain.

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

No mitigation measures are currently proposed; however, the proposed culvert structure has been sized for a No-Rise condition for the 100 year rainfall event.

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

Print Name: Mark Heckenmueller

Signature: 

Title: Floodplain Administrator
Chief Building Official