

SUMMARY OF FLOODPLAIN IMPACTS

Date: 02/01/18

Project ID: PUT-SR 115-9.89 (PID: 100733)

Floodplain Affected: Plum Creek

Description of Project: The Ohio Department of Transportation is proposing to replace the Napoleon Road (State Route 115) bridge over Plum Creek in Putnam County with a new bridge to be constructed at the same location. The new bridge will be similar to the existing; a three-span reinforced concrete slab structure. Under the north span, area will be made available for the Village of Kalida to construct a walk path in the future. Construction is scheduled to begin in spring of 2021.

Why must this project be located in the Floodplain?

The project location is an existing stream crossing which is located in a floodplain. It would not be practical to reengineer the existing roadway to avoid work in the floodplain.

What alternative sites were considered, if any?

Based on the scope and purpose of this project, there are no possible alternative sites to consider.

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

No, hydraulic calculations indicate the proposed bridge structure will result in water levels that are slightly lower or equal to what is presently experienced with the existing structure. The replacement bridge was designed with minimal impact to the flood zone.

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

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Signature: Mark A. Droll

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