

SUMMARY OF FLOODPLAIN IMPACTS

Date: 02-21-18

Project ID: 100746

Floodplain Affected: Middle Creek (PAU-SR 114-19.64) and Dog Run (PAU-SR 114-21.73)

Description of Project:

The Ohio Department of Transportation is proposing to replace two bridges on State Route 114 in Paulding County; PAU-SR 114-19.64 over Middle Creek and PAU-SR 114-21.73 over Dog Run. The approach slabs will also be replaced. Construction is scheduled to begin in summer of 2019.

Why must this project be located in the Floodplain?

The project locations are existing stream crossings which are located in floodplains. It would not be practical to reengineer the existing roadways to avoid work in the floodplains.

What alternative sites were considered, if any?

Based on the scope of the 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 structures will result in water levels that are equal to what is presently experienced with the existing structures. The replacement bridges were designed with minimal impacts to the flood zones.

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

Print Name: Mark A. Droll, P.E.

Signature: Mark A. Droll

Title: Project Manager, Kohli + Kaliber Assoc., Inc.