SUMMARY OF FLOODPLAIN IMPACTS

Date: March 15, 2017

Project ID: FRA-71-0.00 (PID 93496)

Floodplain Affected: Big Darby Creek

FIRM Panel 39049C0383K

Description of Project:

The purpose of this project is to improve I-71 between the Franklin/Pickaway County Line and SR-665 interchange to provide suitable pavement, maintain adequate Level of Service (LOS) and increase safety in the corridor for projected traffic volumes. This project begins at SLM 0.00 at the Franklin County line and includes the partial-cloverleaf interchange at US-62, four (4) overhead bridges, three (3) mainline bridges, and ends just south of the diamond interchange at SR-665 at SLM 5.29.

Why must this project be located in the Floodplain?

The bridges at Big Darby Creek are Functionally Dependent Uses. The existing I-71 bridges over Big Darby Creek (three-span) will be replaced at the existing location. The new bridges will be 2-span bridge crossings Big Darby Creek.

What alternative sites were considered, if any?

Three alternatives for the roadway portion of the project were considered, in addition, three alternatives for the bridges at Big Darby Creek were also considered.

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

The existing I-71 bridges over Big Darby Creek will be replaced at the existing location. The new bridges will be 2-span bridge crossings Big Darby Creek. The current bridges are three-span structures. The hydrologic analyses conducted for the proposed structures indicated no-rise conditions therefore a CLOMR was not needed.

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

Print Name: Chantil Milam

Signature: Chantil Milam

Title: Project Manager- Lawhon & Associates, Inc.