

EXHIBIT A – TEMPLATE OF PUBLIC EXPLANATION TO BE POSTED (TO BE COMPLETED BY THE DOCUMENT PREPARER)

SUMMARY OF FLOODPLAIN IMPACTS

Date: 6/18/2021

Project ID: (PID 111489) CUY INDEPENDENCE BLVD BRIDGE

Floodplain Affected: Big Creek in City of Parma Heights

Description of Project:

Replace the existing bridge carrying Independence Blvd. over Big Creek in the City of Parma Heights, Ohio.

Why must this project be located in the Floodplain?

The location of the existing bridge is within a FEMA Flood Zone AE.

What alternative sites were considered, if any?


No alternative sites were considered as the scope of the project is to replace the bridge that carries vehicular and pedestrian traffic over Big Creek.

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

The proposed bridge provides a replacement bridge with a low chord elevation that is higher than the existing bridge. Furthermore, the proposed bridge provides a greater hydraulic opening compared to the existing bridge. Based on our hydraulic analysis, this results in a proposed bridge which improves the existing headwater conditions while providing no change to downstream water surface elevations.

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

Print Name: Brandon Sopko

Signature: 

Title: Project Manager