

SUMMARY OF FLOODPLAIN IMPACTS

Date: 08-15-2024

Project ID: 116198 COL-CR443 Brookdale Ave-0.04

Floodplain Affected: Zone A

Description of Project:

The Columbiana County Engineer's Office, in partnership with the Ohio Department of Transportation (ODOT), is proposing to replace the bridge carrying County Road 443 (Brookdale Avenue) over Leslie Run in the village of East Palestine. The existing single span structure was built in 1940 and utilizes concrete tee beams and wall type abutments. The County is proposing to replace it with a single span composite box beam bridge using integral abutments on piles.

Why must this project be located in the Floodplain?

To continue Brookdale Avenue to cross Leslie Run.

What alternative sites were considered, if any?


None, because alternative sites would require Brookdale Avenue to be closed and unusable to the public.

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

Yes, mitigation measures include designing the project to have no rise to the flood elevation.

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

Print Name: Troy Graft, P.E.

Signature: 

Title: Chief Engineer