

PUTNAM COUNTY ENGINEER

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Floodplain Statement of Findings

Date: April 18, 2023

Project Name/PID: PUT-CR O-14.741 (PID 117598)

Floodplain: Floodplain associated with Cranberry Run

Project Description: Proposed work consists of replacing the existing bridge, paving the roadway approaches to the bridge and installing guardrail. This improvement will remove the vehicle weight restriction currently set for the bridge.

Why must this project be located within the Floodplain?

The bridge crosses Cranberry Run, necessitating work within the floodplain.

What alternative sites were considered?

None, as this is a bridge preservation project.

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

The drainage area, downstream slope, and water surface elevations were calculated and used to determine the replacement bridge. The proposed structure lowers the 10-year storm by 0.14 feet and lowers the 100-year elevation by 0.24 feet. The proposed bridge will clear the design year flood by approximately 0.06 feet.

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

Printed Name: Michael L. Lenhart

Signature: 

Title: Putnam County Engineer