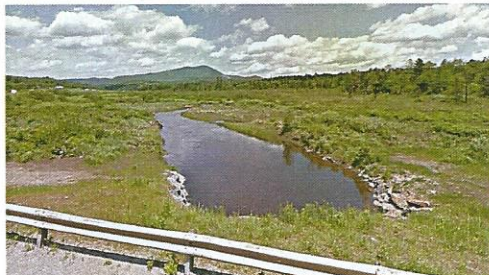




Project Milestones

- Preliminary Plans
Summer 2018
- Permitting
Summer 2019
- Right-of-Way Clear
Fall 2019
- Bid Advertisement
Fall 2020
- Contract Award
Fall 2020
- Target Construction Schedule
Winter 2021 - Summer 2021



Looking East



Looking West

EDEN BRIDGE 23

BO 1448(44)

Scoping to evaluate alternatives for bridge no. 23 on TH-13 in Eden over the White Branch Gihon River.

Project Location: Town of Eden in Lamoille County on Knowles Flat Road (Town Highway 13) over the White Branch of Gihon River. The bridge is located approximately 0.6 miles north of the junction with VT Route 100.

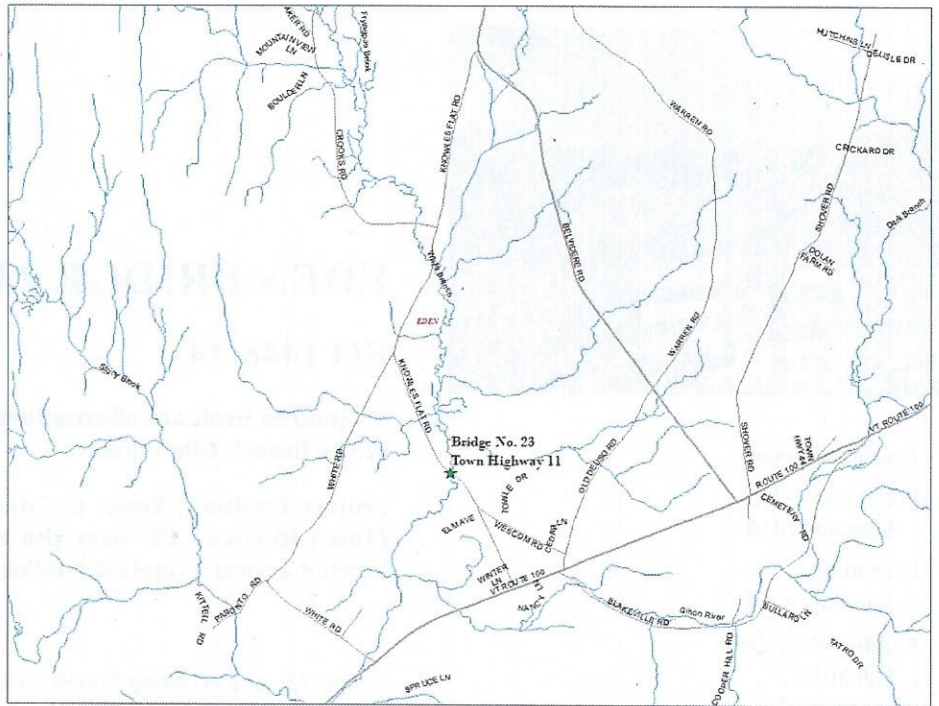
Bridge 23, located along Knowles Flat Road over the White Branch of Gihon River in the Town of Eden failed in 2016 and was removed. Prior to its failure, Bridge 23 was comprised of Twin Corrugated Galvanized Metal Plate Pipe Arches constructed in 1976. The previous bridge had a span of 26-feet and a culvert length of 55-feet. The roadway has 9-foot wide travel lanes and 4-foot wide shoulders. This exceeds the Vermont State Design Standards of 9-feet and 2-feet respectively.

VTrans evaluated alternatives for replacement of Bridge 23 in an engineering study completed in September 2017. Several alternatives were considered including permanent closure, replacement with a buried structure and replacement with a single span bridge. Given the importance of the structure to the community, the engineering study recommended full bridge replacement with a structure meeting minimum hydraulic recommendations. It is proposed that the bridge remains closed through construction.

The new structure will either be a buried structure or a single span bridge depending on hydraulic and geotechnical findings. It is proposed that the new structure maintain the 9-foot travel lanes and 4-foot shoulders to match existing conditions.

It is anticipated that the bridge will be constructed during the summer of 2021.

Traffic will remain closed prior to and during construction.



Location Map

Contact Information

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