

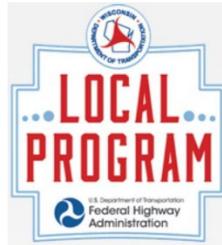
Public Information Meeting 3 Handout

LACKEY LANE BRIDGE Over Lake Geneva Tributary Town of Linn Walworth County

Project ID: 3846-00-05



TOWN OF LINN



BAXTER & WOODMAN
Consulting Engineers

May 13, 2024

6:30pm

Linn Town Hall

W3728 Franklin Walsh Street

Zenda, WI 53195



Purpose of the meeting

The Town of Linn welcomes you to this third Public Information Meeting to discuss the proposed replacement of the Lackey Lane Bridge over the unnamed tributary to Geneva Lake!

The purpose of this meeting is to:

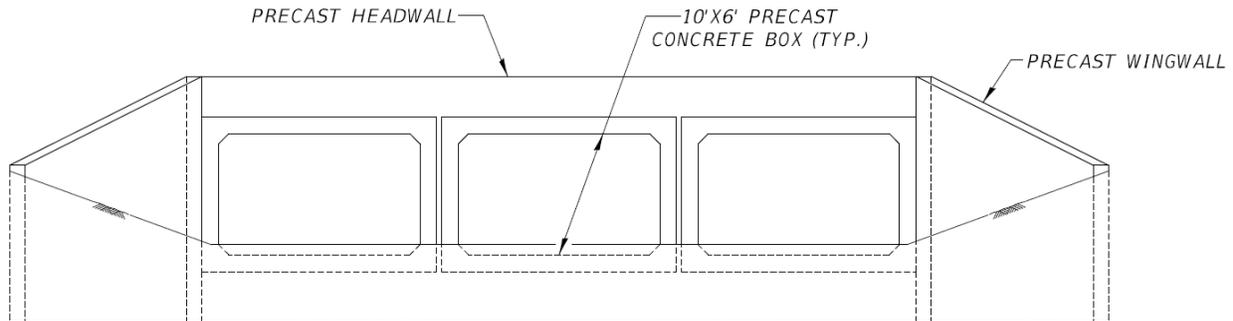
- Provide an update on structure type.
- Provide an update on the schedule.
- Present the access plan during construction.
- Answer questions.

This meeting is simply meant to inform, so the Town will not be taking input because design is complete. You are encouraged to ask questions of project representatives, including Town staff and their design consultant, Baxter & Woodman.



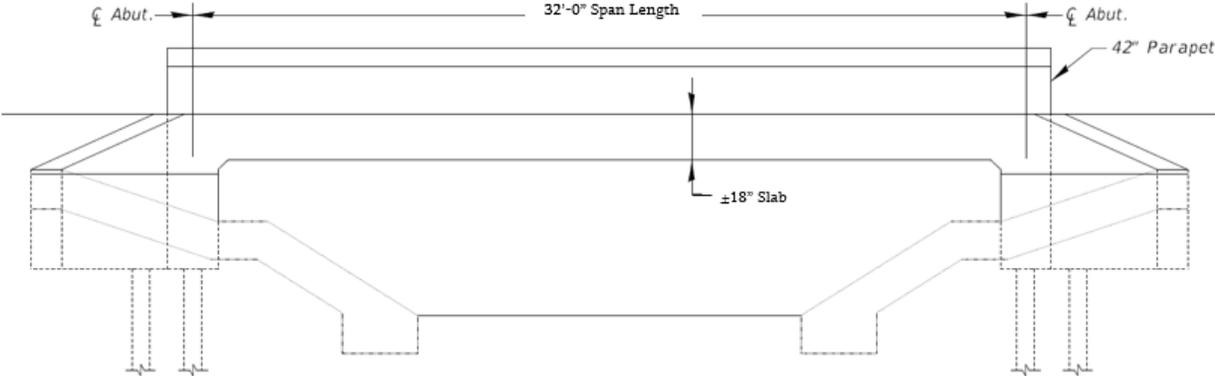
Change in Structure Type

Original replacement structure was going to be a **three-cell box culvert** for quicker construction, longer useful life, and less maintenance. The project is being financed primarily with Federal and State funds; therefore, the proposed structure must be reviewed and approved by the Wisconsin Department of Transportation (WisDOT) Bureau of Structures (BOS). WisDOT BOS would not allow the multi-cell box culvert without obtaining additional right-of-way and making additional improvements downstream on private property to mitigate the effects that may occur by splitting the stream between cells. Obtaining more rights-of-way would significantly delay the project.



Original 3-cell Box Culvert Design

WisDOT BOS favored a **concrete slab span bridge** as the replacement structure to minimize impacts to the stream. To keep the project on a 2024 construction schedule and not jeopardize their funding, the Town agreed to proceed with the slab span bridge. The structure and construction plans were re-designed in an expedited manner and WisDOT allowed for a late final plan submittal for a June 11, 2024 bid letting.



Concrete Slab Span Bridge Design

The advantages of the slab span bridge over a multi-cell culvert include:

- Minimal Stream impacts
- Can fit in a tighter footprint.
- Less accumulation of debris

The disadvantages of the slab span bridge versus a multi-cell culvert include:

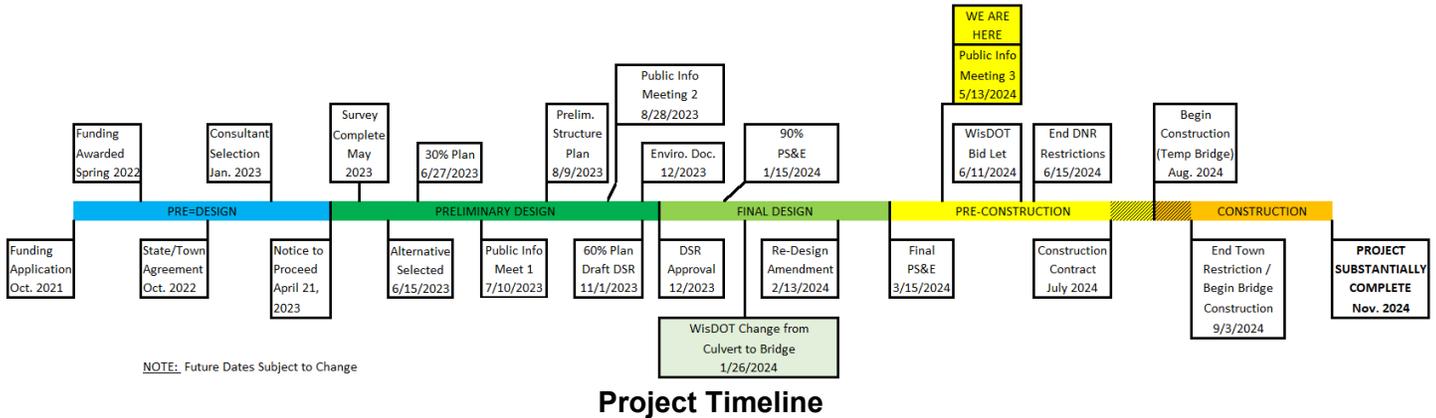
- Longer construction duration (3-4 weeks longer)
- Shorter expected life span
- More construction noise (pile driving)
- Higher cost



Example Slab-Span Bridge

Updated Project Timeline

We are currently in the pre-construction phase; final design plans are complete, and the project will be bid by WisDOT on June 11, 2024. Aside from the delay for the structure re-design, construction will still occur in late summer and fall 2024, but longer construction duration of a bridge pushes substantial project completion into late November.

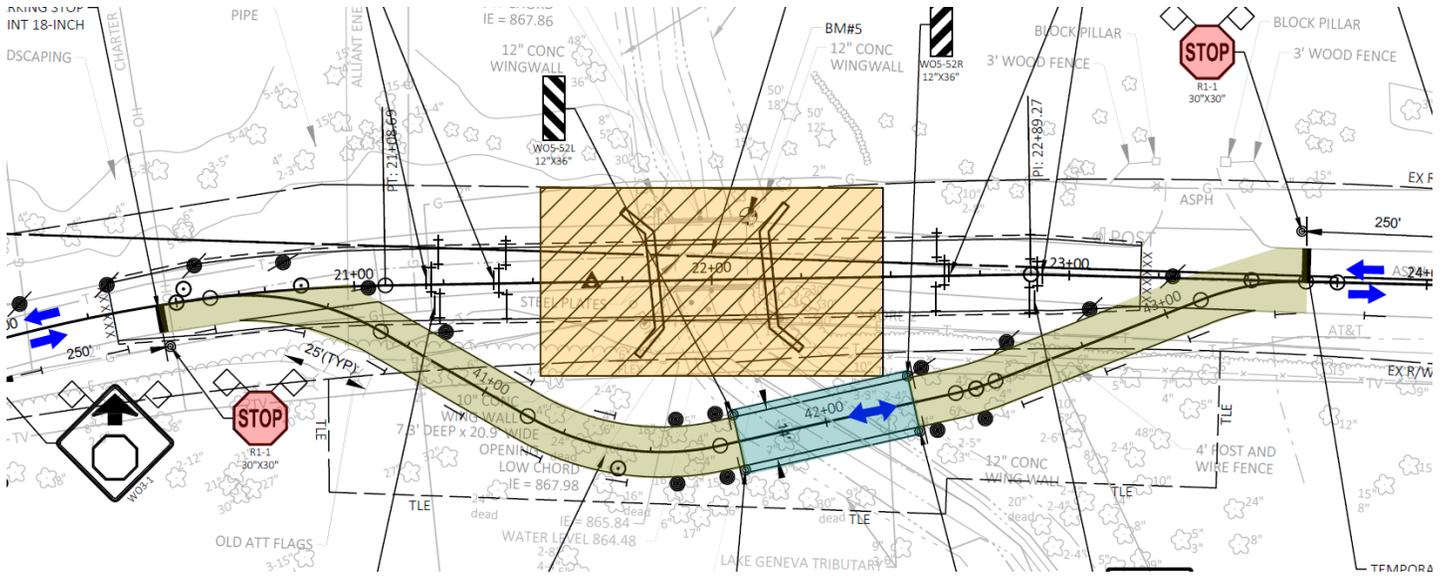


Construction contract will be signed in July 2024 and preliminary construction, including the temporary bridge, will commence by August 2024. The Town does not want to disrupt summertime use of the lake homes off Lackey Lane; so main bridge construction will not commence until after Labor Day in September 2024. Depending on weather, construction is expected to be substantially complete and bridge re-opened before Thanksgiving 2024. Some restoration work may need to be completed in Spring 2024.

Access during construction

Lackey Lane is a dead-end road, therefore no alternative access exists and the bridge replacement must factor in access for full-time residents and emergency services. Some existing full-time residents could not be without access for any significant length of time and the logistics of providing emergency services were too much of a challenge. The work zone was too tight to stage the bridge replacement and staging would have increased construction duration. The Town agreed with WisDOT's suggestion for a temporary bridge and temporary road to bypass the work zone and maintain access during construction of the main bridge.

The property owner to the south of the bridge was willing to help and granted the temporary easement to the Town to construct the temporary road and bridge. The temporary bridge will be one lane wide, allowing one car at a time to bypass the work zone along the temporary gravel road. Temporary stop signs will be placed on either end and vehicles will take turns crossing in opposite directions. The temporary bridge will be constructed first and will be in place for the duration of the main bridge replacement. The temporary bridge and road will be removed and the area restored to as close to pre-construction conditions as possible after the main bridge is re-opened to traffic.



One Lane Temporary Bridge and Gravel Bypass Road

From start to finish, we anticipate construction to take 75 to 90 days, not including any time in the Spring that may be needed for final restoration.

Contact Information

For more information, please contact:

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