Members of the public are invited to

CONNECTICUT DEPARTMENT OF TRANSPORTATION

VIRTUAL PUBLIC INFORMATION MEETING

State Project No. 0077-0249 Replacement of Bridge No. 04730 Gurleyville Road over Fenton River

Town of Mansfield

Tuesday July 23, 7 p.m.

neRegister: https://portal.ct.gov/dotmansfield77-249

YouTube Livestream: https://portal.ct.gov/ctdotvpimarchive

The purpose of this meeting is to provide the community an opportunity to learn about the proposed project and allow an open discussion of any views and comments concerning the proposed improvements. A Q&A session will immediately follow the presentation.

The purpose of the project is to replace Bridge No. 04730, a single span 41'-9" long structure that carries Gurleyville Road over the Fenton River in the town of Mansfield (Town). The bridge is located approximately 1.3 miles east of US Route 195 and 0.25 miles west of the intersection with Codfish Falls Road and Chaffeeville Road. The bridge carries bi-directional traffic in an east-west direction over a 23'-7" roadway curb-to-curb width. The Fenton flows under the bridge from north to south.

The bridge was originally constructed in 1970 and compromises of prestressed concrete deck units with a bituminous concrete overlay, which is supported by masonry abutments on an unknown foundation type. Flared wingwalls are present at all four corners of the bridge. Gurleyville Road is classified as a Rural Minor Collector and the Average Daily Traffic (ADT) is estimated to be 1,022 vehicles per day according to a traffic count taken in August 2023.

The purpose of the project is to address deficiencies in the bridge, identified by recent inspections. The bridge roadway width does not meet Federal and State standards and the bridge is scour critical, hydraulically inadequate, has substandard load carrying capacity, and the bridge and approach rail systems do not meet current safety standards.

The proposed 53'-9" long replacement structure will carry a roadway width of 30'-0" accommodating (2) 10'-0" travel lanes and (2) 5'-0" wide bike lanes and meet FHWA and State standards. The proposed bridge superstructure will comprise of 1'-6" deep prestressed concrete deck units with a 6-inch minimum concrete topping slab and a 3-inch minimum bituminous concrete overlay which will be supported by new concrete abutments with drilled shaft foundations designed for scour. U shaped wingwalls are proposed at all four corners of the bridge to retain the roadway embankment. A crash tested 3-tube open bridge rail system is proposed to be mounted along the concrete curbs while metal beam guiderails will be installed at all four corner approaches to the bridge. The roadway will be reconstructed approximately 300 feet west and 300 feet east of the bridge resulting in a total project limit of 650 feet. The existing horizontal alignment will be shifted approximately 6.5' to the north while the existing roadway will be raised by up to 1.5'. The proposed bridge will improve hydraulic performance by providing a 1.1' of underclearance and eliminate roadway overtopping at the low point for the 100-year design storm. Roadway drainage improvements are also proposed as part of this project. To provide for improved aesthetics, concrete on the end blocks and exposed wingwalls will be faced with simulated stone masonry form liner and the bridge rail system will be metalized to a color of Town's preference. Traffic will be detoured during construction through an 8.7-mile detour route around the bridge.

Right-of-way impacts associated with the proposed project will include a drainage right of way (1 property), Easement to Slope for the Support of the Highway (3 properties), Easement to maintain MBR end anchorage (1 property), and Temporary Construction easements (2 properties).

Construction is anticipated to begin in Spring 2027 based on the availability of funding, acquisition of rights of way, and approval of permit(s). The estimated construction cost for this project is approximately $4,750,000. This project is anticipated to be undertaken with 80 percent Federal funds and 20 percent State funds.

Please register for the virtual public information meeting at https://portal.ct.gov/dotmansfield77-249. Registration is required to participate. Once registered, you will receive a confirmation email with a link to access the meeting.

Members of the public can submit comments and questions during the two-week public comment period following the meeting. Please direct comments and questions by Tuesday August 6 to: and DOT-FLBP@ct.gov and 860-594-2020 or to Michelle Rame at Michelle.Rame@ct.gov or (860) 594-3319 .Please reference State Project No. 0077-0249 in the email or voicemail.

ACCESSIBILITY

This meeting will also be livestreamed on YouTube, and closed captioning will be available. Non-English translation options will be available on Zoom and YouTube. The recording will also be available on CTDOT's YouTube Virtual Public Information Meeting playlist: https://portal.ct.gov/ctdotvpimarchive

Persons with limited internet access, use the call-in number 877-853-5257 and enter Meeting ID 870 2176 4809. Persons with limited internet access may also request that project information be mailed to them within one week by contacting Michelle Rame at Michelle.Rame@ct.gov or (860) 594-3319.

Persons with hearing and/or speech disabilities may dial 711 for Telecommunications Relay Services (TRS).

Language assistance may be requested by contacting CTDOT's Language Assistance Call Line (860) 594-2109. Requests should be made at least five business days prior to the meeting. Language assistance is provided at no cost to the public and efforts will be made to respond to timely requests for assistance.