



Gleasondale Road Bridge Rehabilitation Project 25% Design Public Hearing

August 15, 2019 | Pompositticut Community Center, Stow, MA

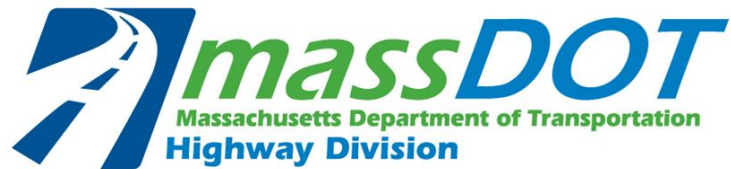


Agenda

1. Welcome & Introductions
2. Existing Conditions
3. Project Goals
4. Proposed Rehabilitation
5. Construction Staging
6. Q & A



Project Team



MassDOT Highway Division
Bridge Owner & Project Proponent
In-House Bridge Design



Fuss & O'Neill
Design & Engineering



Howard Stein Hudson
Public Involvement



Project Area



Existing Conditions

- Results of 2015 inspection:
 - Weight limiting
 - Single, signal controlled lane
 - One sidewalk
- Beyond repair:
 - Deck and rails
 - Beams
 - Northern abutment
- Sound for reuse:
 - Southern abutment





Project Context

- Route 62 (Gleasondale Road) is:
 - An important commuter route
 - A key trucking link between Stow and Hudson
 - Provides access to Stow’s “pick-your-own” apple orchards between Labor Day and Columbus Day
 - Provides access to the Gleasondale Industrial Park
 - Represents an important corridor for area first response among several towns
- The bridge:
 - Is closely abutted by homes to the north and south
 - Has a canoe/kayak launching point on its northeast corner
 - Crosses the environmentally sensitive Assabet River
 - Is subject to frequent closures for inspection with impacts to traffic



Getting to Today

- Design effort launched in 2017
- Substantial public outreach:
 - June 2017 daytime and evening public office hours
 - July 2018 abutter's site walk
 - September 2018 community update meeting with Representative Hogan
 - Ongoing communication with Senator Eldridge
 - Coordination sessions with Town of Stow:
 - October 2017
 - June 2018
 - June 2019
 - July 2019
- *25% Design Public Hearing - Tonight*

Project Goals

- Rehabilitate the bridge to:
 - Achieve current design standards
 - Always allow for two-way traffic
 - Provide sidewalks on both sides
 - Provide bicycle-accommodating shoulders
 - Reduce inspection frequency to normal levels
 - Maintain today's footprint
 - Not preclude any future town improvements to adjoining roadway



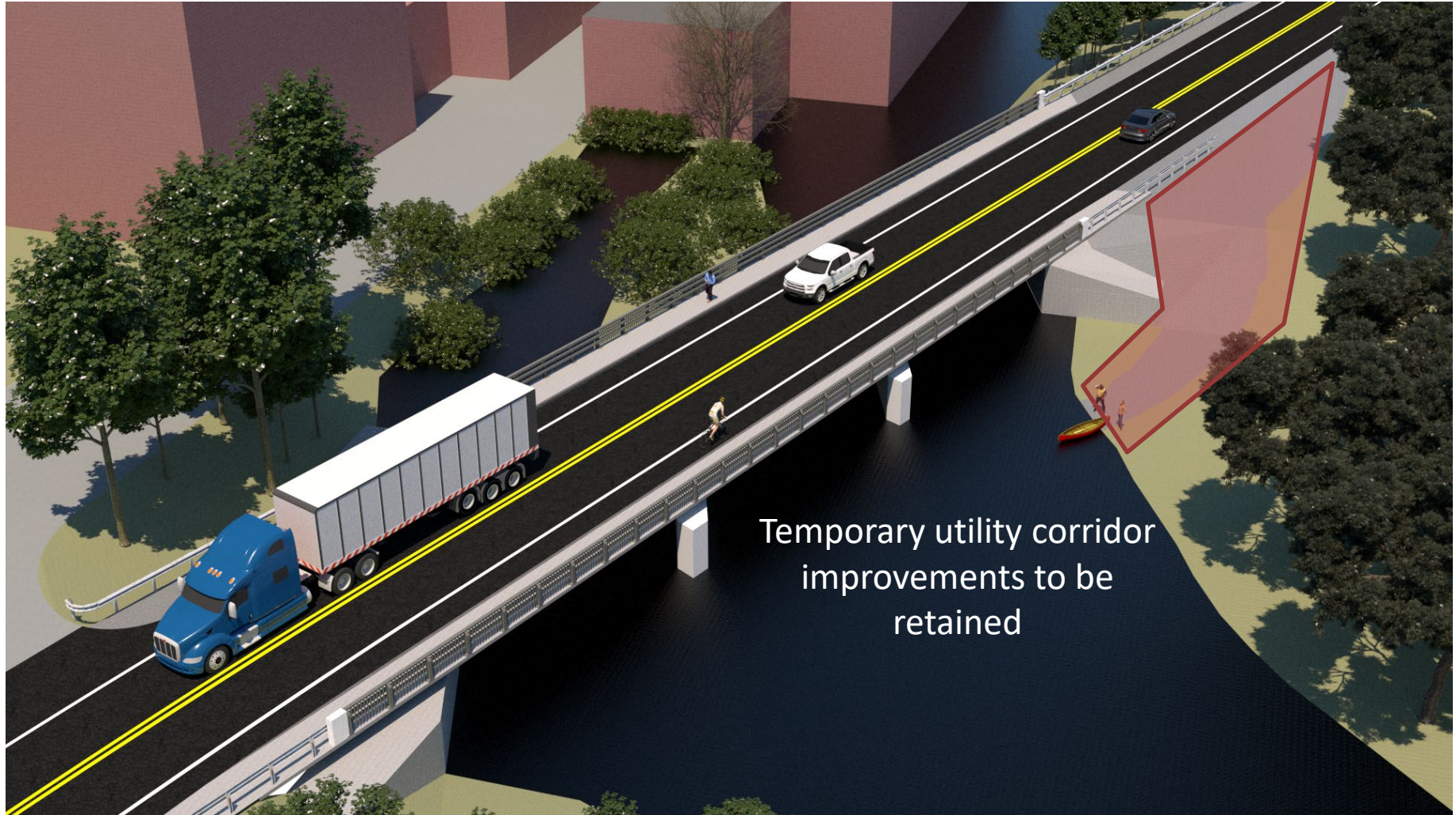
The Proposed Bridge



- Two, 10-foot travel lanes
- Two, 5-foot bicycle accommodating shoulders
- Two, 6-foot sidewalks
- New crash-tested railings and end posts at the back-of-sidewalk
- Collects storm water on the structure and provides basic treatment before river discharge



Temporary Utility Corridor – Improved Canoe and Kayak Access



Temporary utility corridor
improvements to be
retained

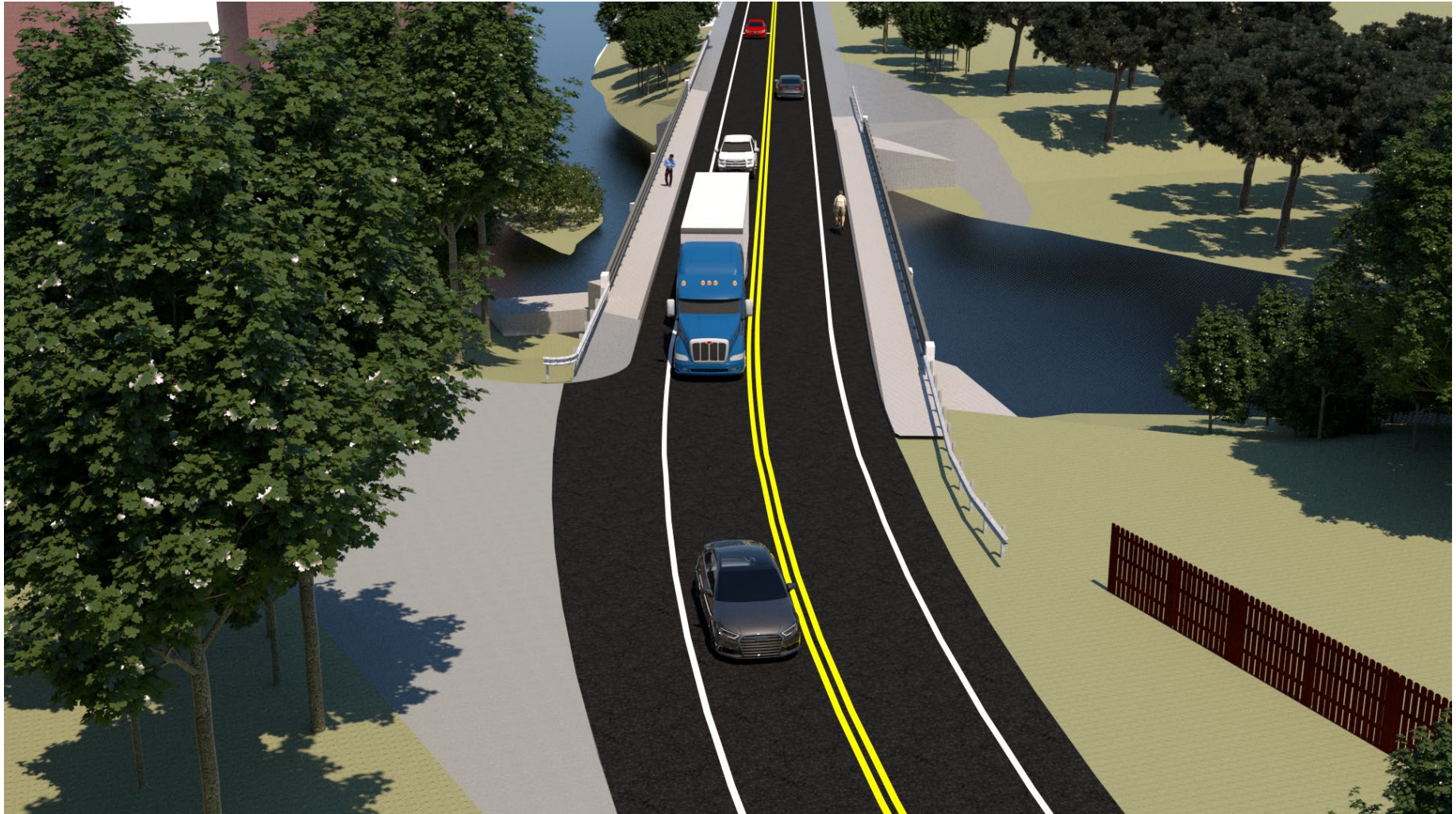


The Proposed Bridge - Looking South





The Proposed Bridge - Looking North



The Proposed Bridge - Railing Detail





Construction Staging: 2021-2023

- Phased construction will:
 - Replace ½ of the bridge at a time
 - Use the existing temporary traffic light
 - Keep one lane of traffic open during majority of construction (like today)
 - Maintain pedestrian access to the sidewalk
- Limited full closures are needed:
 - Deck removal
 - Setting new beams
 - Nighttime work
 - *Outside Labor Day- Columbus Day apple time*
 - *Ensures public safety*
 - Coordinated with SFD and SPD



Construction - Existing Condition





Construction - Stage 1





Construction - Stage 2

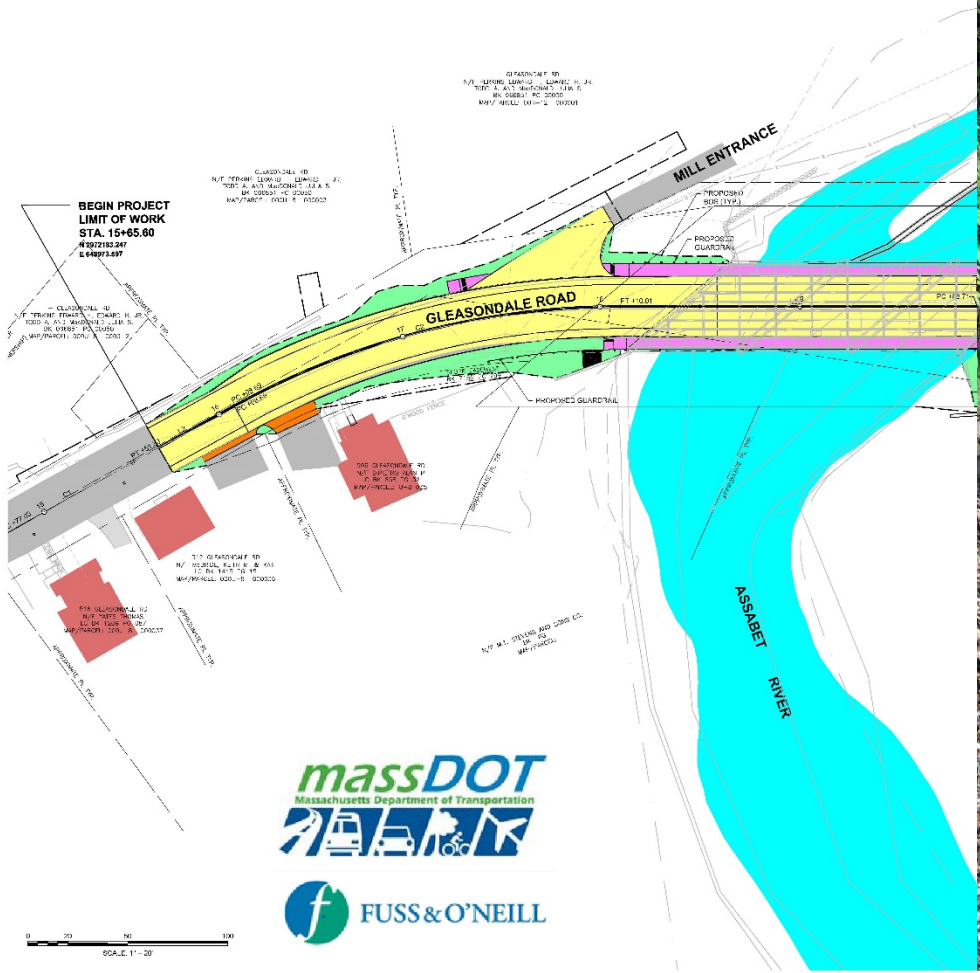
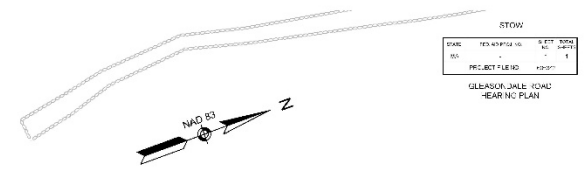




Completed Bridge



Completed Bridge - The Southwest Corner



0 50 100 150
SCALE: 1" = 20'



Construction Staging: River Access

- Canoe/kayak access will be:
 - Closed early in construction
 - Closed to the end of construction *for public safety and construction access*
 - Greatly improved at the project's end
- MassDOT is willing to work with OARS and others to highlight alternate access points during construction



Construction Staging: Water Protection

- The Assabet is environmentally significant
- At the 25% Design Level DOT is:
 - Committed to stringent contract specifications regarding silt protection
 - Aware of the location of all septic tanks and wells in the project area





Construction Staging: 1st Response

- Extensive coordination with Stow first responders pre-25%
- Contractor to provide SPD & SFD with 30 days' notice before closures
- During closures SFD has offered to:
 - Reach out to surrounding 1st responders SFD
 - Determine if staged equipment is needed south of the bridge during periods of full closure
- SPD to continue to coordinate with DOT regarding detours for cars and trucks

Construction Staging: Ongoing Outreach

- Anticipated tools:
 - Public meeting before work begins
 - Regular emails on project progress & what's ahead
 - Specialized outreach in advance of full closures
 - Continued targeted outreach to orchards
 - Connect with TomTom and Mass. Motor Carriers for detours





Next Steps

- Schedule:
 - 25% DPH - *Tonight*
 - 75% design - Winter 2019-20
 - 100% design - Spring 2020
 - Advertise for construction - Fall 2020
 - Construction begins - Spring 2021
- *Anticipated completion - Fall 2022 or two construction seasons*
- Required permits:
 - Section 106 Historic (MA. Historical Commission)
 - Water quality certificate (MassDEP)
 - Wetlands & Waterways permit (USACE)
 - Compliance with applicable NEPA regulations



Share Your Feedback

Share your feedback on the proposed 25% design plans for the Gleasondale Bridge:

- Comment tonight
- Fill out and mail-in a comment sheet
- Email John Fallon at john.fallon@state.ma.us

Project No. 605342

Bridge No.: S-29-001 SR62

Gleasondale Road Reconstruction Project