## 2022 Road and Infrastructure Improvement Bond

### Road Segment Information Sheet

**Grantville Rd Bridge**

<table>
<thead>
<tr>
<th>From</th>
<th>Danbury Quarter Rd</th>
<th>To</th>
<th>620 ft along Grantville</th>
</tr>
</thead>
<tbody>
<tr>
<td>Improvement Scheduled</td>
<td>FY 2026</td>
<td></td>
<td></td>
</tr>
<tr>
<td>2019 Paser Rating</td>
<td>Does not apply</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Estimated Cost/Town Share</td>
<td>$1,200,000</td>
<td>$240,000</td>
<td></td>
</tr>
</tbody>
</table>

### Description of Existing Conditions

- **Pavement** – The surface is adequate.
- **Drainage**
  - Surface flow – Water is flowing onto the bridge from the approaching roadway.
  - Shoulders –
    - Inlets – There are limited catch basins on this section. Some additional basins will be needed.
- **Pipes** –
- **Sidewalks** – There are no sidewalks present.
- **Deck** – The deck is showing signs of efflorescence on the underside.
- **Superstructure** – The facia beams are showing significant spalling with some rebar exposed.
- **Bridge Railing** – It is in poor condition. It is also sub-standard and needs to be replaced.

![Photo 1. Bridge Deck and Facia from underneath](image)
**Buried Utilities**

- **Water** – There are no water mains on this road.
- **Sewer** – There are no sewer mains.
- **Eversource Electric** – The power lines are overhead.
- **Eversource Gas** has no mains in this area.
- **Other** – Communications appear to be overhead.

**Other Considerations**

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**Proposed Improvements**

**Description of Work**

1. The Bridge Deck and support beams will be removed.
2. The roadway approaching the bridge will be reconstructed to allow drainage to be installed to prevent water from flowing onto the deck.
3. The abutments and wing walls will have spot repairs performed to repair damage.
4. The bridge deck and support structure will be replaced in kind with new bridge rails.

**Status of Design** – Design has yet to begin. Design must start 2 yrs ahead of work.

**Budget for Improvements**

- **Preliminary Cost Project Est** - $1,200,000
- **State Participation**: $960,000.

**Total Town Share Estimate** - $240,000