



## PUBLIC WORKS DEPARTMENT

### TOWN OF WINCHESTER

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## 2022 Road and Infrastructure Improvement Bond

### Road Segment Information Sheet

### Case Avenue Bridge

<b>From</b>	<b>Main Street</b>	<b>To</b>	<b>Willow St</b>
Improvement Scheduled		<b>FY 2024</b>	
2019 Paser Rating		<b>Poor (3)</b>	
Estimated Cost/Town Share	\$2,250,000	<b>\$450,000</b>	

#### Description of Existing Conditions

**Pavement** – The surface is alligator and map cracked. Potholes form along the length of the road.

#### Drainage

Surface flow – slope on Roadway keeps water from ponding.

Inlets – There are no catch basin inlets.


Pipes – There are no pipes.


**Sidewalks** – The sidewalks are in generally poor condition.

**Bridge condition** – The Bridge Deck is in poor condition. The substructure is in good condition, but, treatment is needed in order to extend its life. A Preliminary Engineer's report is available to describe its condition.



**Photo 1. Crumbling Concrete on Deck**

Buried Utilities	
Water – The water is in poor condition.	
Sewer – The sewer pipe is in acceptable condition.	
Eversource Gas – Gas Main is scheduled to be replaced.	
Other –	
Other Considerations – This work continues work in the neighborhood.	<b>Photo 2. Looking at Southeast Wall</b>

Proposed Improvements	
Description of Work	
1. The Bridge Deck will be removed and replaced.	
2. The steel Beam substructure will be cleaned and re-coated.	
3. The concrete abutments will have spot improvements to repair the concrete.	
4. There will be a total reconstruction of the Road and Sidewalks from Main St to Willow St.	
5. The bridge deck will be completely rebuilt.	
6. The water and Sewer line will be replaced at this time.	
Status of Design – The Preliminary Engineering is complete. Final design has begun.	
Budget for Improvements	
The Bridge is being completed in the Federal Local Bridge Program that has 80% Federal and 20% Local Share.	
Total Construction Project Est - \$2,250,000	
<b>Total Town Share Estimate - \$450,000</b>	

	<b>Photo 3. On Willow looking to Main</b>
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