



PUBLIC WORKS DEPARTMENT

TOWN OF WINCHESTER

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2022 Road and Infrastructure Improvement Bond

Road Segment Information Sheet

Case Avenue




From	Main St	To	Gay St
Improvement Scheduled		FY 2023	
2019 Paser Rating		Very poor (2) to Poor (3)	
Estimated Cost/Town Share:	\$670,000	\$630,000	
Description of Existing Conditions			
Pavement - Case Avenue has a map cracked surface. Frequent severe potholes form in the shoulders.			
Drainage			
Surface flow - significant ponding of surface water occurs along the shoulders.			
Inlets - The catch basin inlets are old cast iron and have corroded metal and masonry supports.			
Pipes - The pipes draining the basins are mostly undersized and in poor condition. The main trunk line is a mixture of clay, metal and concrete. The metal portions are about 50% of the pipe and are heavily corroded and are in danger of collapse. The Clay pipes are cracked heavily in some areas.			
Sidewalks - The Sidewalks from Main St to Center are in poor condition for more than 50% of its length. There are no handicapped access ramps at Center St Intersection. From Center to Gay, the sidewalks are in good condition.			

Photo 1. Looking toward Main St

<p>Buried Utilities</p> <p>Water – The water lines are old cast iron pipes and are scheduled for replacement in FY 2022.</p> <p>Sewer – The sewer pipes are old clay pipe and require improvement; however, they can be repaired using trenchless methods.</p> <p>Eversource Gas – Eversource gas installed a new gas main in 2021 and left temporary patches in the surface.</p> <p>Other – Buried Electrical and communications exist in the road, but, the utilities have no schedule for replacement in the immediate future.</p> <p>Other Concerns – There is road work planned in the neighborhood on Gay St, Center, Greenwoods, Thibault and Elm St. The Case Avenue Bridge is also being replaced.</p>	 <p>Photo 2. Looking North to Center</p>
<p>Proposed Improvements</p> <p>Description of Work</p> <ol style="list-style-type: none"> 1. Eversource has replaced the Gas Lines 2. Water and Sewer Commission will Replace Water Mains. 3. The pipes and all catch basins will be replaced or added as needed. 4. There will be a total reconstruction of the Road and Sidewalks from Main St to Center St. 5. The Road will have a deep mill and pave from Center St to Gay St. The sidewalks will remain. <p>Status of Design – The consulting Engineers are in the process of performing the design.</p> <p>Budget for Improvements</p> <p>Drainage - \$150,000</p> <p>Paving Center to Gay - \$300,000</p> <p>Sidewalks and Paving Main to Center \$220,000</p> <p>Utility Participation – (\$40,000)</p> <p>Total Estimate Costs - \$630,000</p>	 <p>Photo 3. Looking from Gay to Center</p>