

**2024-2033  
CAPITAL IMPROVEMENT  
PROJECT DETAIL**

PROJECT: CD-ENGINEERING SERVICES #36-Manchester Street / Route 3 South

I. PROJECT TYPE: Street Corridor Improvements

II. LOCATION: Manchester Street from Exit 13 Terminus to Pembroke Town Line

III. PROJECT OBJECTIVES AND BACKGROUND

NEED SERVED:	<input checked="" type="checkbox"/> New	<input type="checkbox"/> M	Safety	<input type="checkbox"/> L	Facility Cond.	<input type="checkbox"/> N/A	Productivity	
	<input type="checkbox"/> Replace	<input type="checkbox"/> H	Mandates	<input type="checkbox"/> H	Service Def.	<input type="checkbox"/> N/A	Tax Base Exp.	<input type="checkbox"/> H City Master Pl.
	<input checked="" type="checkbox"/> Rebuild	<input type="checkbox"/> M	O + M Costs	<input type="checkbox"/> H	Council Goals	<input type="checkbox"/> L	Timeliness	Corridor Improvements
	<input checked="" type="checkbox"/> Total-Cost-of-Ownership (TCO) or Life-cycle Cost (LCC) analysis							

DESCRIPTION: The purpose of this project is to widen Manchester Street from 2 to 3 lanes between Garvins Falls Road to Airport Road.

In 2005, City Council approved a plan to improve Manchester Street. The plan called for widening the road from two to three lanes between Garvins Falls Road to Banks Chevrolet. Implementation of the plan would require acquisition of additional right of way (from an existing 66 feet to 82 feet) to accommodate the relocation of private utilities and the new signalized intersection at Airport Road and Integra Drive (to include five lane approach at the intersection).

In 2012 the Airport Road / Manchester Street intersection was fully reconstructed. The remaining corridor improvement project includes a three lane travel section with new sidewalk on both sides of Manchester Street, vertical granite curbing and a drainage infiltration system.

Future traffic modeling projects volumes over 50,000 vehicles per day on this corridor. These improvements will improve traffic flow, minimize congestion and increase safety, as well as support limited development within the Garvins Falls Urban Reserve Area Plan.

In the long-term, a five lane wide roadway will be required to support expanded development of the Garvins Falls area, as well as background traffic growth. See Project #43 (Garvins Falls) for additional improvements to the corridor at Old Suncook Road and Manchester Street.

In 2023, this project has been included in the NHDOT Ten Year Plan and project costs and schedule have been adjusted for an 80/20% state/city funding match.

SERVICE IMPACT: Improved traffic flow and reduced delays, as well as safety improvements for vehicles and pedestrians. Increased operational and maintenance costs for new signalized intersections and snow plowing operations. Decreased long term operational and maintenance costs for road repairs.

IMPACT IF NOT FUNDED: Increased congestion, lower level of service and more travel delays. Also, without project, long term development of Garvins Falls Urban Reserve Area and redevelopment potential of the Manchester Street Corridor will be limited.

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IV PREVIOUS FISCAL YEAR AUTHORIZED: PREVIOUS AMOUNT:

V. PROJECT USEFUL LIFE (In Years): 20 Expected Bond Term (in Years) 20

VI. PROJECT FUND SUMMARY

Fund	Type	2024	2025	2026	2027	2028	2029	2030	2031	2032	2033	Ten Years
Water	G.O. Bonds	0	0	0	160,000	0	0	0	0	0	0	160,000
General	G.O. Bonds	60,000	60,000	0	2,100,000	0	0	0	0	0	0	2,220,000
Sewer	G.O. Bonds	0	0	300,000	0	0	0	0	0	0	0	300,000
Other	State	240,000	240,000	0	4,800,000	0	0	0	0	0	0	5,280,000
Total		300,000	300,000	300,000	7,060,000	0	0	0	0	0	0	7,960,000

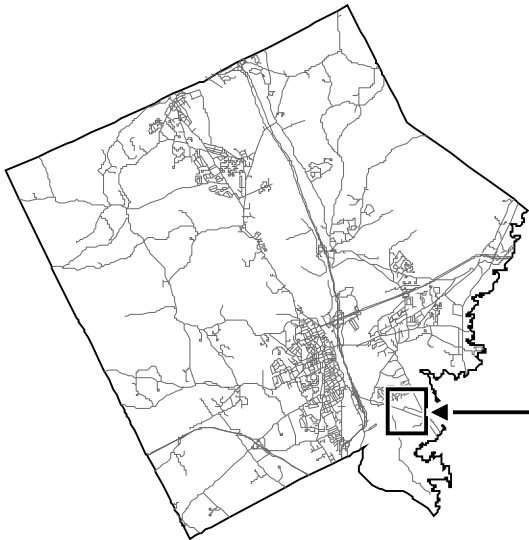
VII. PROJECT FUND DETAIL

Fiscal Year	Fund Type	Amount	Action
2024	Other State	240,000	Right-of-Way acquisition for roadway improvements. (80% state share)
	General G.O. Bonds	60,000	Right-of-Way acquisition for roadway improvements. (20% state share)
		<u>\$300,000</u>	2024 Subtotal
2025	Other State	240,000	Relocate private business signs to accommodate utility relocation. (80% state Share)
	General G.O. Bonds	60,000	Relocate private business signs to accommodate utility relocation. (20% state Share)
		<u>\$300,000</u>	2025 Subtotal
2026	Sewer G.O. Bonds	300,000	Replace approximately 1,100 feet of 15 inch sewer main with a new 18 inch main to provide for future capacity of the municipal system. Recommended in the 2004 Garvin's Falls Reserve Area Sewer Feasibility Report.
		<u>\$300,000</u>	2026 Subtotal
2027	Water G.O. Bonds	160,000	Replace deteriorated service mains, install new service mains, hydrants and valves.
	Other State	4,800,000	Reconstruct and widen Manchester Street to three lanes from Garvin's Falls Road to Airport Road. Improvements include installation of a new storm water conveyance system. (80% state share).

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	General G.O. Bonds	1,200,000	Reconstruct and widen Manchester Street to three lanes from Garvin's Falls Road to Airport Road. Improvements include installation of a new storm water conveyance system. (20% City share).
	General G.O. Bonds	900,000	Construction of the signalized intersection of Manchester Street and Old Suncook Road (\$300,000). Discontinue Garvins Falls Road (\$50,000). Review and potential construction of intersection improvements at Crestwood Manufactured Home Park (\$550,000). Previously approved by City Council in 2005.
		\$7,060,000	2027 Subtotal
	TOTAL	\$7,960,000	




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 Engineering Services Division  
 City of Concord, New Hampshire

GEOGRAPHIC INFORMATION SYSTEM

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*Not to Scale*



**FY 2024  
 CIP PROJECT #36  
 STREET CORRIDOR IMPROVEMENTS  
 MANCHESTER STREET/  
 ROUTE 3 SOUTH**

