

Town of Hanover

FY25-FY30 Capital Improvement Program

Capital Improvement Program Committee
Report to the Selectboard

February 16, 2024

CAPITAL IMPROVEMENT PROGRAM COMMITTEE
TOWN OF HANOVER FY25-FY30 CAPITAL IMPROVEMENT PROGRAM

Acknowledgements

The Capital Improvement Program Committee (CIPC) is very grateful to Hanover Town management and staff members for their generous assistance in orienting the committee and aiding it in gathering information for its inaugural review of the Town's capital planning. Special thanks are due to:

- Alex Torpey, Town Manager
- Ellen Bullion, Finance/Administrative Services Director
- Peter Kulbacki, Public Works Director
- Kari Asmus, Trustee of Trust Funds and Finance Committee Chair
- Rob Houseman, Planning, Zoning & Codes Director
- Kerry Osgood, Executive Assistant

They have helped the committee collect and review an enormous amount of information in a short time. Their excellent support notwithstanding, any errors or omissions resulting from the CIPC's review and presentation of findings are solely the committee's responsibility.

Capital Improvement Program Committee

Pursuant to RSA 674:5, on May 9, 2023, Hanover Town Meeting passed Article Thirty-Two authorizing the Selectboard to appoint a Capital Improvement Program Committee, including at least one member of the Planning Board, to discuss, prepare and amend a recommended program of municipal capital improvement projects forecast over a period of at least six years. Subsequently, at its meeting on September 11, 2023, by unanimous vote the Selectboard formally established the CIPC and appointed the following nine members:

- Alex Torpey, Town Manager
- Ellen Bullion, Finance/Administrative Services Director
- Peter Kulbacki, Public Works Director
- Carey Callaghan, Selectboard representative
- Jennie Chamberlain, Selectboard representative
- John Dolan, Finance Committee representative
- Brian Edwards, Planning Board representative
- Kim Hartmann, Hanover School District representative
- Nicolás Macri, public member-at-large

At its meeting on October 9, 2023, by unanimous vote the Selectboard set the term for all members of the CIPC at one year with the first CIPC term lasting through July 31, 2024. After that, the Selectboard will evaluate and reappoint committee members to new terms in August each year.

CAPITAL IMPROVEMENT PROGRAM COMMITTEE
TOWN OF HANOVER FY25-FY30 CAPITAL IMPROVEMENT PROGRAM

Table of Contents

Executive Summary	1
1) Purpose of the Capital Improvement Program (CIP).....	3
2) What's Included? – CIP Project Criteria and Need Assessment	3
Project Qualification.....	3
Project Need.....	4
Excluded Items	4
3) CIP Development Process.....	5
Fiscal Year 2024 and Earlier (past planning years)	5
Fiscal Year 2025 (current planning year).....	6
Recommendations for Future Years.....	7
4) FY25-FY30 Capital Improvement Program Projects	9
Project Categories	9
Projects Recommended for Funding in FY25	11
Capital Expenditure Requests Listed for Future Consideration	12
Appendix I: Proposed Capital Items Excluded from FY25-FY30 CIP	17
Appendix II: Town Capital Reserve Funds	22

CAPITAL IMPROVEMENT PROGRAM COMMITTEE
TOWN OF HANOVER FY25-FY30 CAPITAL IMPROVEMENT PROGRAM

Executive Summary

This report of the Capital Improvement Program Committee (CIPC) is the Town of Hanover's first formal Capital Improvement Program (CIP). The CIP identifies Hanover's capital needs based on requests submitted by Town departments and indicates how they might be funded over a six-year period. The CIP is a planning document intended to support and promote: identification of potential capital improvement projects; public discussion of proposed projects' feasibility, impact, and urgency; thorough capital project design, scope definition, and cost estimation; and financial planning to fund approved projects in a way that makes efficient use of Town resources.

A true Capital Improvement Program consists mainly of initiatives or projects designed to augment community infrastructure to meet significant new service requirements. However, because of time and information constraints the CIPC faced this year, the FY25-FY30 CIP is a hybrid capital improvement/capital replacement program that includes a few new capital projects along with capital replacements that were scheduled in prior years.¹ The committee focused on assessing 28 capital expenditures proposed by Town departments for FY25. (An additional 140 expenditures proposed for the FY26-FY30 period were reviewed but not assessed in detail.) Based on its assessment, the CIPC recommends appropriations be made in FY25 for the two new capital improvement projects and 20 previously-scheduled capital asset replacements² listed below.

*Capital Projects/Assets Recommended for FY25 Funding by Capital Reserve Fund and Project/Asset Type**

Capital Project/Asset	Associated Capital Reserve Fund	Expected Life (Years)	Cost	
			\$	%
Shared street vision plan and a street concept design for Hanover	N/A	15	93,055	4%
Howe Library Building Envelope Upgrade	N/A	40	433,180	17%
		New Subtotal	526,235	21%
Heat Pumps FD	Fire	30	180,000	7%
Metal Door Replacement phase 3 of 3	Fire	30	16,000	1%
Expansion Joint and Capstones	Parking	5	34,200	1%
Pay & Display Meter Station (4)	Parking	10	30,000	1%
Firearms & related equipment	Police	10	23,000	1%
Road Side Tractor	Highway	20	220,000	9%
Truck 15 -F550	Highway	10	130,491	5%
Truck 4 pickup (Grounds) upgrade to 550	Highway	10	89,116	4%
Truck 18 -F350 Pickup	Highway	6	72,141	3%
Truck 26 pickup F350	Highway	6	72,141	3%
Cement Trailer LMC	Waste_Water	20	13,000	1%
1 TON Utility truck	Water	15	82,400	3%
Water Meters phase 2	Waste_Water	15	210,000	8%
Water Meters phase 2	Water	15	210,000	8%
Access Road	Waste_Water	20	230,000	9%
UG Power & fiber Replacement	Waste_Water	50	120,000	5%
Fire Car #2	Fire	10	84,872	3%
Thermal Imaging Camera B	Fire	10	33,230	1%
Park/Wheelock Control Cabinet	Road Construction	20	74,000	3%
Main/Wheelock Control Cabinet	Road Construction	20	64,000	3%
			Previously Scheduled Subtotal	1,988,591
* "New" or "Previously Scheduled"			TOTAL	2,514,826
				100%

Regarding capital expenditures proposed for FY26-FY30, the CIPC this year makes no recommendations about whether they should be funded in the future. For reference, these proposals are listed without comment in **Section 4** and include ten new capital improvement projects and 132 previously-scheduled asset replacements.

¹ Historically, Hanover's capital planning entailed inventorying and financing the replacement or upgrading of existing hard assets (e.g., roads, bridges, buildings, etc.). As part of the annual budget process, departments with large asset inventories (e.g., DPW, HFD, and HPD) would submit requests for asset replacements in specific years. These replacements then would be scheduled and updated in a ten-year capital asset financing plan maintained by the Public Works Director.

² Six of the proposed FY25 expenditures initially submitted are not included; four new proposals were withdrawn, and two asset replacement requests were deferred to later years.

CAPITAL IMPROVEMENT PROGRAM COMMITTEE

TOWN OF HANOVER FY25-FY30 CAPITAL IMPROVEMENT PROGRAM

During this year's Capital Improvement Program development process, the committee has come to appreciate how the CIP in time could be used to provide substantial additional value for the Town well beyond the exigencies of the annual budgeting process. In particular, the CIP has the potential to:

- Support implementation of the Town's long-range master plan by standardizing a rigorous process for considering related capital projects;
- Strengthen Town governance by bringing more transparency and focus to annual appropriations from and funding of capital accounts;
- Help address Town affordability issues by highlighting growth that could increase the tax base, by optimizing financing options to lower aggregate capital costs, by identifying opportunities to use alternative capital financing (e.g., Tax Increment Finance districts and impact fees) to offset costs, and by incorporating a long-term tax planning model to show the impact of proposed capital improvements on tax rates over time;
- Increase the resiliency of Town infrastructure by promoting climate change "hardening" strategies;
- Improve Town development planning and operations by identifying capital efficiencies that might be gained through collaborations between the Town and school districts and/or between the Town and its regional neighbors, and by providing benchmarks to compare Hanover's progress to that of peer communities.

The CIPC looks forward to working with the Selectboard and Town management in the coming year to improve the CIP development process and set the stage for realizing the full potential of the Town of Hanover's Capital Improvement Program in the future.

CAPITAL IMPROVEMENT PROGRAM COMMITTEE
TOWN OF HANOVER FY25-FY30 CAPITAL IMPROVEMENT PROGRAM

1) Purpose of the Capital Improvement Program (CIP)

As authorized by Town Meeting, the CIPC is responsible for developing Hanover's Capital Improvement Program (CIP). Based on capital expenditure requests submitted as part of the Town's annual budget process, the CIP identifies the capital needs of the Town and indicates how these needs might be funded over a six-year period. It describes long-term capital needs for municipal services, including roads and other modes of transportation, police, fire, parks and recreation, water, sewer, libraries, and other Town government functions.

This report is Hanover's first formal Capital Improvement Program. The CIP is a planning document. As such, it will be updated annually and subject to change as the needs of the Town change. Going forward, adjustments will be made as needed for new regulations, growth in population, transportation alternatives, changes in priorities, or other needs. The CIP is intended to support and promote:

- Identification of potential capital improvement projects;
- Public discussion of identified projects;
- Careful consideration of projects' feasibility, impact, and urgency;
- Thorough capital project design, scope definition, and cost estimation; and
- Financial planning to fund approved projects in a way that makes efficient use of Town resources and taxes, and "smooths" them over multiple years.

An important goal of the CIP is to establish a system of procedures and priorities by which to evaluate capital improvement projects with regard to public safety requirements, public need, project continuity, financial resources, and the Town's strategic goals. Going forward, the CIP will help establish a methodology and priority system for Town departments to use for defining and proposing capital improvement projects. It also will provide an opportunity for citizens and interested parties to voice their interests regarding capital improvement projects proposed for Hanover.

2) What's Included? – CIP Project Criteria and Need Assessment

For the purpose of developing Hanover's Capital Improvement Program, the CIPC has adopted certain criteria that a proposed capital improvement project or asset purchase must meet to be included in the program. The committee also has established priority categories to indicate the relative urgency of need for projects and assets included in the program.

Project Qualification

To be included in the Town's Capital Improvement Program, a capital project or asset purchase must have an estimated aggregate cost over one or more years of at least \$100,000, and the resulting capital improvement or asset must have an expected useful life of at least eight years. In addition, the project must contribute significantly to fulfillment of at least one of the following Town purposes, including to:

- Improve public health, welfare, and/or safety;
- Increase the efficiency, capacity, sustainability, and/or accessibility of Town operations and services;
- Support implementation of the Town's Sustainability Master Plan, Walk Bike Plan, and/or other Town-adopted plans;
- Maintain, expand, and/or replace Town infrastructure or land.

To ensure its feasibility and the adequacy of the underlying due diligence, the project also must be defined in sufficient detail to specify a clear scope of work and a supportable cost estimate through at least the CIP's six-year planning horizon.

CAPITAL IMPROVEMENT PROGRAM COMMITTEE

TOWN OF HANOVER FY25-FY30 CAPITAL IMPROVEMENT PROGRAM

Project Need

The recommended funding and timing of a capital project or asset purchase depends on the urgency of the need it is intended to meet, and on the expected availability of the financial resources required to meet it. Each project or asset recommended for FY25 funding in the Capital Improvement Program is assigned to one of the following priority categories:

- **Priority 1 – Urgent / Essential** – Project/asset purchase cannot be delayed because it is needed immediately for public health and safety (i.e., projects/asset purchases required to complete or renovate a major public improvement; those legally required to remedy a condition dangerous to the health, safety, and welfare of the public or Town personnel; or those required to provide facilities for a critical community program);
- **Priority 2 – Needed in the Near Term** – Project/asset purchase is needed within three years to maintain the basic level and quality of community services;
- **Priority 3 – Desired in the Medium Term** – Project/asset purchase is desired within four to six years to maintain or increase the level and quality of community services.

Excluded Items

The current list of proposed capital items for the Town includes more than 400 items. Only 164 of these items meet the criteria described above for inclusion in the FY25-FY30 Capital Improvement Program. Though each excluded item potentially could support Town development goals in the future, at present it does not qualify for the CIP for one or more of the following reasons:

- Its timing falls beyond the CIP's six-year planning horizon (i.e., FY31 or later);
- It has not been adequately planned and requires more research and coordination among stakeholders;
- Its need has not been adequately demonstrated;
- It is better suited to funding from sources outside of the CIP;
- It is not consistent with Town planning and development goals and not legally or otherwise required.

For reference, proposed capital items on the current list that have been excluded from this year's CIP are shown in **Appendix I**. All excluded items fall beyond the CIP's six-year planning horizon; several also would not otherwise qualify for CIP inclusion for other reasons listed above. (N.B.: Items excluded from the FY25-FY30 CIP will remain on the list of asset replacements scheduled for after FY30 and may be funded in future years.)

CAPITAL IMPROVEMENT PROGRAM COMMITTEE
TOWN OF HANOVER FY25-FY30 CAPITAL IMPROVEMENT PROGRAM

3) CIP Development Process

Fiscal Year 2024 and Earlier (past planning years)

In past years, the Town's Public Works Director has been responsible for taking capital expenditure requests from departments with large capital asset inventories (e.g., DPW, HFD, and HPD) and creating a ten-year capital asset financing plan. (Since just a few departments have significant capital assets, most historically did not submit capital expenditure requests and were not required or invited to do so.) For FY24, the capital asset financing plan included 271 expenditure requests totaling \$79.8 million for assets scheduled to be replaced through June 2034. 188 of these requests (69%) were for asset replacements costing less than \$100,000 and 83 (31%) were for replacements costing \$100,000 or more.

Capital expenditure requests normally have entailed advance requests for funds to replace existing capital assets when needed in some future year. Such an advance request would prompt creation of a schedule of annual "savings" to pay for the asset replacement when it was finally needed. As a hypothetical example, a request submitted by the Police Department in FY20 to replace a police vehicle reaching the end of its useful life in five years would have been added to the financing plan for replacement in FY25. At the same time, "savings" of one-fifth of the request would have been scheduled for FY20 and each year thereafter through FY24, so that the full amount of the request would be accumulated when the time came to replace the vehicle in FY25.

Such scheduled "savings" usually have been appropriated each year as contributions to Town Capital Reserve Funds (CRFs). (See **Appendix II** for a summary of the funds.) In the case of the above police vehicle replacement request, a contribution of one-fifth of the request (adjusted for inflation) would have been appropriated for the Police Vehicles and Equipment CRF each year from FY20 through FY24. Then, in FY25, an appropriation for a withdrawal from the CRF to procure the replacement vehicle would be included in the Town budget.³

Scheduling and saving for capital expenditures following the capital financing plan process allows the cost of large asset purchases to be spread out over multiple years and avoids having to fund concentrated capital costs in a brief period.⁴ This spreading of cost generally has enabled the Town to afford important asset investments without incurring debt. It also has helped ensure that the cost of long-lived assets will be shared by people who will use or benefit from them over many years and not be borne solely by current taxpayers.

The capital financing plan process has worked well for lower-cost (less than \$100,000) and shorter-lived (fewer than six years) asset purchases. However, it does not readily promote long-term planning and financing for multi-year investments in more expensive and longer-lived assets or complex capital projects. For example, the capital financing plan efficiently inventories expenditure requests for individual building roof replacements, but it does not easily support comprehensive planning for, and financing of, Town building and physical plant improvements, and the sophisticated project management required for such multi-year investments.

Moreover, because of the sheer number of capital expenditure requests included in the Town's ten-year capital financing plan (e.g., 271 for FY24), few requests are reviewed and vetted on an ongoing basis for the purpose of planning and coordinating capital asset purchases across departments and beyond the status quo. Historically, once a department's capital expenditure request has been added to the capital financing plan, funds will be set aside for it on an annual schedule without scrutiny until the year in which the expenditure is to be made.

³ Scheduled contributions to and withdrawals from other CRFs for their associated asset replacements – e.g., contributions to and withdrawals from the Building Maintenance and Improvement CRF for roof replacements; to and from the Transportation Improvement Fund for sidewalk replacements; to and from the Ambulance Equipment CRF for defibrillator replacements; etc. – would have been similarly appropriated.

⁴ Thus, even though the capital asset financing plan for FY24 included almost \$80 million in expenditure requests through FY34, total CRF contributions in FY24 were approximately \$2.3 million and total CRF withdrawals were about \$2.5 million.

CAPITAL IMPROVEMENT PROGRAM COMMITTEE

TOWN OF HANOVER FY25-FY30 CAPITAL IMPROVEMENT PROGRAM

Fiscal Year 2025 (current planning year)

The capital asset financing plan process described above – in which capital expenditure requests are scheduled and savings set aside for them over years – is not strictly speaking a capital *improvement* program. It is a capital *replacement* program that deals primarily with the Town’s existing hard assets – roads, bridges, water and sewage treatment facilities, legacy buildings, rolling stock, etc. – but not with new and future asset purchases and capital initiatives designed to augment or alter the Town’s infrastructure to address significant new service requirements stemming from growth and evolving community needs. In future years, the CIPC’s aspiration is to develop, based on detailed planning information and active public input from Hanover community members, a true Capital Improvement Program that lays out such forward-looking capital initiatives.

This year, however, the FY25-FY30 Capital Improvement Program (this report) only partly achieves this goal because of time and information constraints the CIPC faced. Starting in November and continuing into early February, the CIP development process was unavoidably abbreviated. It unfolded in the following five stages:

- 1. Committee Launch** – The CIPC was established in September 2023 and first met in October 2023.
- 2. Department Submissions** – In November, Town departments were instructed by the Selectboard and management to prepare and submit their capital expenditure requests for FY25-FY30 in December. By January 2024, departments had submitted 168 requests, including 16 new capital expenditure requests and 152 legacy requests (carried over from prior years) to be considered for inclusion in the FY25-FY30 CIP.
- 3. Information Organization** – During the first half of January, information about all expenditure requests to be considered – both new and legacy requests – was compiled in the capital expenditure database that has been used in past years to manage the ten-year capital asset financing plan. Once compiled, summaries of the information were generated to help the CIPC organize and assess the requests.
- 4. Committee Review** – Starting in late January and continuing through mid-February, the CIPC reviewed the FY25-FY30 capital expenditure requests. Because of the limited time available for this work, the committee focused its assessment on 28 requests submitted for funding in the FY25 Town Budget. Of these 28 requests, six were new first-time requests and 22 were legacy requests. The other 140 requests were for funding in later years (FY26-FY30) and were reviewed but not assessed in detail.
- 5. Committee Recommendations** – In early February, the CIPC finalized its recommendations for funding of capital expenditure requests in the FY25 Town Budget and prepared this report. The committee formally approved the report at a public meeting on February 16, 2024, and forwarded it to the Selectboard for use in determining the final list of capital expenditures to be proposed in the FY25 Town Budget.

As a result, the FY25-FY30 CIP is a hybrid capital improvement/capital replacement program. Specifically:

- For FY25, the CIP includes recommendations to appropriate funds for: a) two newly-proposed *capital improvement* expenditures for which no funds have previously been set aside; and b) 20 *capital replacement* expenditures for which funds have been set aside in prior years in associated CRFs. (If approved, the total FY25 capital appropriation would be \$2,514,826, approximately the same as the FY24 capital appropriation.)
- For FY26-FY30, the CIP lists but includes no recommendations regarding: a) 10 newly-proposed *capital improvement* expenditures; and b) 132 *capital replacement* expenditures requested in past years and scheduled for FY26 or later. Following the Town’s capital financing plan process, funds for expenditures requested in the past already have been set aside in associated CRFs, and additional set-asides for them will be made in FY25. (From FY26 through FY30, the estimated cost of these 142 proposals is \$56,191,907.)⁵

⁵ Details of the 22 capital improvement and capital replacement expenditures recommended for FY25 appropriations, as well as details of the 142 capital replacement expenditures requested for FY26-FY30, are presented in **Section 4** below.

CAPITAL IMPROVEMENT PROGRAM COMMITTEE

TOWN OF HANOVER FY25-FY30 CAPITAL IMPROVEMENT PROGRAM

Recommendations for Future Years

For FY26 and beyond, the CIPC proposes to work with the Selectboard and Town management to begin to develop a true Capital Improvement Program. Doing so will require three key changes:

- 1. Allocate Sufficient Time for CIP Development** – Developing and evaluating viable CIP proposals requires much more than a few weeks’ time. For FY25, several significant proposals with estimated costs ranging from hundreds of thousands to millions of dollars were submitted. The CIPC determined these were not ready for consideration because they lacked sufficient supporting information for and detailed explanation of their scope and cost. In addition, with so little time available, no opportunity for public review and discussion of these proposals as presented to the committee could be provided.

Recommendation: The CIPC recommends the following schedule for the annual CIP development process.



By early July, Town management and the CIPC should issue detailed instructions to departments for developing and submitting complete, well-supported CIP proposals;

In July, Town departments should provide opportunities (e.g., through email or other online suggestion collection, public meetings, etc.) for the public to provide input on their CIP proposals;

By early August, Town departments should submit final proposals to be considered for inclusion in the following year’s Capital Improvement Program;

By mid-September, the CIPC in collaboration with Town management should conduct an initial evaluation of submitted proposals and schedule public hearings in October to clarify proposal details and receive input on them from community members;

In October, the CIPC should conduct the scheduled hearings and complete its evaluation of the proposals;

By mid-November, the CIPC should publish a preliminary list of CIP proposals it intends to recommend for inclusion in the following year’s Capital Improvement Program and invite public comment;

By mid-January, the CIPC should publish a draft report of the following year’s Capital Improvement Program and invite public comment;

By mid-February, the CIPC should formally adopt and publish a final Capital Improvement Program report.

- 2. Implement an Enterprise-wide Capital Project Management Platform** – Many managers and staff from different departments participate in the development of CIP proposals and, if funded, in their execution. This work involves a variety of information presentation and management and other tasks, including: project scoping and justification; cost estimation; documentation organization; and, when a proposal is implemented, progress tracking and reporting and project accounting. Without a central platform to standardize and manage proposal information and related tasks across departments, Town management and the CIPC cannot readily aggregate, evaluate, and share supporting information for CIP proposals. Moreover, they cannot easily update and tie all proposals together at a macro-level on an ongoing basis to provide the Selectboard and public a clear picture of the overall Capital Improvement Program at any time.

Recommendation: Before the next CIP development cycle begins (by July 2024), the CIPC recommends that the Town identify, procure, and deploy across Town departments a capital project management platform with features that meet the requirements described above.

CAPITAL IMPROVEMENT PROGRAM COMMITTEE

TOWN OF HANOVER FY25-FY30 CAPITAL IMPROVEMENT PROGRAM

3. Promote Alternative Financing for New CIP Projects – The Town’s reliance on multi-year Capital Reserve Fund set-asides to fund most capital investments is a good approach for the purchase of “commodity” assets (e.g., building roof replacements, rolling stock replacements, etc.) with predictable useful lives and replacement schedules. However, in the coming years the Town will see CIP proposals for many new multi-year capital improvement projects requiring investments of \$100,000 or more. Defaulting to CRF set-asides to fund some of these projects could delay for years realization of significant benefits for the Town. For example, a hypothetical multi-million-dollar capital project to reconfigure downtown Hanover’s streets and sidewalks to improve traffic flow and parking and make pedestrian access easier and safer could, even once approved, take as much as a decade to start if it were funded in this way.⁶

Recommendation: As part of the instructions for developing new CIP proposals, the CIPC recommends that Town departments be encouraged to identify and detail alternatives to CRF set-aside financing for their proposed capital projects and large capital asset purchases. Such alternatives could include: debt financing (bonding); lease financing; tax increment financing (TIF); public-private-partnership (P3) financing; federal or state grant funding; and impact fee assessments. (N.B.: Departments’ proposed financing alternatives should be considered by the Selectboard as part of overall long-term revenue planning for the Town during the annual budgeting process.)

⁶ For a compelling multi-million-dollar project like the one in this example, the Town would most likely and appropriately use debt financing to expedite it. Projects costing less than a million dollars, however, would not as readily be considered for financing options other than CRF set-asides no matter how great their expected benefits might be.

CAPITAL IMPROVEMENT PROGRAM COMMITTEE

TOWN OF HANOVER FY25-FY30 CAPITAL IMPROVEMENT PROGRAM

4) FY25-FY30 Capital Improvement Program Projects

Project Categories

The CIPC has applied a trial organizing scheme for capital expenditure requests that aims to treat like proposals alike, and make it possible to *assess similar proposals together across multiple years* as CIP Projects (e.g., with an estimated cost of \$100,000 or more and a useful life of eight years or more), not just as stand-alone items in a single year. The purpose of this scheme is to structure and present expenditure requests in a way that highlights their inter-connectedness over time and facilitates consideration of multi-year financing when appropriate.⁷ As shown in the following chart, this organizing scheme includes eight “Capital Asset Groups” under which 26 “Capital Improvement Program Project Categories” roll up.

Capital Asset Group Breakdowns by CIP Project Category

Capital Asset Group	CIP Project Category
General Service Facilities	<ul style="list-style-type: none">Building Upgrade and Maintenance - DPWBuilding Upgrade and Maintenance - P&RBuilding Upgrade and Maintenance - RW BlackBuilding Upgrade and Maintenance - Town Hall
Libraries	<ul style="list-style-type: none">Etna Library Upgrade and MaintenanceHowe Library Upgrade and Maintenance
Public Safety Facilities	<ul style="list-style-type: none">Building Upgrade and Maintenance – Fire StationsBuilding Upgrade and Maintenance – Police StationPublic Safety Communication System and Equipment
Rolling Stock	<ul style="list-style-type: none">Fire Service Vehicles and EquipmentPolice Service Vehicles and EquipmentPublic Works and Highway Vehicles and EquipmentWater/Waste Water Service Vehicles and Equipment
Special Initiatives	<ul style="list-style-type: none">Property RevaluationSpecial Town Infrastructure Projects
Street and Off-Road Infrastructure	<ul style="list-style-type: none">Parking Facility Upgrade and MaintenanceParking MetersSidewalk Upgrade and MaintenanceStreet Safety EquipmentWalk and Bike Path Upgrade and Maintenance
Technology Infrastructure	<ul style="list-style-type: none">IT Equipment and SoftwareSolar Power EquipmentWater Meters
Water/Waste Water Facilities	<ul style="list-style-type: none">Water DistributionWater Reclamation Facility Upgrade and MaintenanceWater Treatment Facility Upgrade and Maintenance

⁷ For example, for FY25 through FY30, thirteen capital replacement requests totaling \$761,650 for Police Service Vehicles and Equipment were submitted. None of these 13 requests by itself qualifies as a CIP Project that could be presented and assessed as a multi-year undertaking during the CIP development process. Taken together as one CIP Project, though, these requests could be submitted and evaluated by the CIPC as a potential multi-year spending package eligible for financing options other than single-year CRF appropriations.

CAPITAL IMPROVEMENT PROGRAM COMMITTEE
TOWN OF HANOVER FY25-FY30 CAPITAL IMPROVEMENT PROGRAM

For reference, the table below summarizes the FY25-FY30 Capital Improvement Program according to the above organizing scheme.⁸

FY25-FY30 Capital Improvement Program by Capital Asset Group and CIP Project Category

Capital Asset Group	FY25-FY30 Total		CIP Project Category	FY25	FY26	FY27	FY28	FY29	FY30	FY25-FY30 Total		
	\$	%								\$	%	
General Service Facilities	588,326	1%	Building Upgrade and Maintenance - DPW	0	0	0	154,000	99,000	139,000	392,000	0.7%	
			Building Upgrade and Maintenance - RW Black	0	0	55,000	0	61,900	0	116,900	0.2%	
			Building Upgrade and Maintenance - Town Hall	0	0	15,926	0	63,500	0	79,426	0.1%	
Libraries	1,956,330	3%	Etna Library Upgrade and Maintenance	0	25,000	700,000	0	0	0	725,000	1.2%	
			Howe Library Upgrade and Maintenance	433,180	0	0	20,000	698,150	80,000	1,231,330	2.1%	
Public Safety Facilities	664,100	1%	Building Upgrade and Maintenance - Fire Stations	196,000	12,000	0	0	118,100	10,000	336,100	0.6%	
			Building Upgrade and Maintenance - Police Station	0	68,500	0	0	20,000	91,000	179,500	0.3%	
			Public Safety Communication System and Equipment	0	70,000	23,500	0	55,000	0	148,500	0.3%	
Rolling Stock	9,219,887	16%	Fire Service Vehicles and Equipment	118,102	1,286,218	116,000	849,390	673,741	1,484,182	4,527,633	7.7%	
			Police Service Vehicles and Equipment	23,000	67,500	119,000	310,150	242,000	0	761,650	1.3%	
			Public Works and Highway Vehicles and Equipment	679,289	608,720	407,900	569,014	324,000	935,281	3,524,204	6.0%	
			Water/Waste Water Service Vehicles and Equipment	0	168,000	60,000	60,000	73,400	45,000	406,400	0.7%	
Special Initiatives	31,553,055	54%	Property Revaluation	0	0	0	30,000	40,000	0	70,000	0.1%	
			Special Town Infrastructure Projects	93,055	29,890,000	0	1,500,000	0	0	31,483,055	53.6%	
Street and Off-Road Infrastructure	1,487,600	3%	Parking Facility Upgrade and Maintenance	34,200	102,700	45,000	0	153,000	67,700	402,600	0.7%	
			Parking Meters	30,000	0	67,500	0	157,500	0	255,000	0.4%	
			Sidewalk Upgrade and Maintenance	0	24,800	114,200	0	0	135,000	274,000	0.5%	
			Street Safety Equipment	138,000	28,000	74,000	55,000	84,000	177,000	556,000	0.9%	
Technology Infrastructure	2,717,734	5%	Solar Power Equipment	0	0	0	875,000	226,273	1,196,461	2,297,734	3.9%	
			Water Meters	420,000	0	0	0	0	0	420,000	0.7%	
Water/Waste Water Facilities	10,519,700	18%	Water Distribution	0	550,000	15,000	20,000	8,000,000	0	8,585,000	14.6%	
			Water Reclamation Facility Upgrade and Maintenance	350,000	65,500	48,500	832,000	242,400	0	1,538,400	2.6%	
			Water Treatment Facility Upgrade and Maintenance	0	52,000	181,000	0	110,000	53,300	396,300	0.7%	
TOTAL	58,706,732	100%		TOTAL	2,514,826	33,018,938	2,042,526	5,274,554	11,441,964	4,413,924	58,706,732	100.0%

⁸ This year, Town departments' capital expenditure requests were not organized this way when initially submitted; to facilitate its review, the CIPC sorted the requests after submission by CIP Project Category. In future years, the committee will seek to incorporate this organizing scheme (with appropriate updates and refinements) into the capital expenditure request development process from the start.

CAPITAL IMPROVEMENT PROGRAM COMMITTEE
TOWN OF HANOVER FY25-FY30 CAPITAL IMPROVEMENT PROGRAM

Projects Recommended for Funding in FY25

For FY25, the CIPC recommends appropriations for two new capital improvement projects – a “Shared Street Vision Plan” and a “Howe Library Building Envelope Upgrade” – for which no funds have yet been set aside. In addition, the committee recommends appropriations for 20 previously scheduled capital replacements for which funds have been set aside. As shown in the following table, the total of these recommended appropriations is \$2,514,826.

*Recommended FY25 Capital Appropriations by CIP Project Category and Project/Asset Type**

CIP Project Category	Capital Project/Asset	Associated Capital Reserve Fund	Expected Life (Years)	Cost		Priority
				\$	%	
Special Town Infrastructure Projects	Shared street vision plan and a street concept design for Hanover	N/A	15	93,055	4%	1
Howe Library Upgrade and Maintenance	Howe Library Building Envelope Upgrade	N/A	40	433,180	17%	2
				New Subtotal	526,235	21%
Building Upgrade and Maintenance - Fire Stations	Heat Pumps FD	Fire	30	180,000	7%	1
Building Upgrade and Maintenance - Fire Stations	Metal Door Replacement phase 3 of 3	Fire	30	16,000	1%	1
Parking Facility Upgrade and Maintenance	Expansion Joint and Capstones	Parking	5	34,200	1%	1
Parking Meters	Pay & Display Meter Station (4)	Parking	10	30,000	1%	1
Police Service Vehicles and Equipment	Firearms & related equipment	Police	10	23,000	1%	1
Public Works and Highway Vehicles and Equipment	Road Side Tractor	Highway	20	220,000	9%	1
Public Works and Highway Vehicles and Equipment	Truck 15 -F550	Highway	10	130,491	5%	1
Public Works and Highway Vehicles and Equipment	Truck 4 pickup (Grounds) upgrade to 550	Highway	10	89,116	4%	1
Public Works and Highway Vehicles and Equipment	Truck 18 -F350 Pickup	Highway	6	72,141	3%	1
Public Works and Highway Vehicles and Equipment	Truck 26 pickup F350	Highway	6	72,141	3%	1
Public Works and Highway Vehicles and Equipment	Cement Trailer LMC	Waste_Water	20	13,000	1%	1
Public Works and Highway Vehicles and Equipment	1TON Utility truck	Water	15	82,400	3%	1
Water Meters	Water Meters phase 2	Waste_Water	15	210,000	8%	1
Water Meters	Water Meters phase 2	Water	15	210,000	8%	1
Water Reclamation Facility Upgrade and Maintenance	Access Road	Waste_Water	20	230,000	9%	1
Water Reclamation Facility Upgrade and Maintenance	UG Power & fiber Replacement	Waste_Water	50	120,000	5%	1
Fire Service Vehicles and Equipment	Fire Car #2	Fire	10	84,872	3%	2
Fire Service Vehicles and Equipment	Thermal Imaging Camera B	Fire	10	33,230	1%	2
Street Safety Equipment	Park/Wheelock Control Cabinet	Road Construction	20	74,000	3%	2
Street Safety Equipment	Main/Wheelock Control Cabinet	Road Construction	20	64,000	3%	2
				Previously Scheduled Subtotal	1,988,591	79%
*“New” or “Previously Scheduled”				TOTAL	2,514,826	100%

Funding sources for the two new projects will have to be identified by the Selectboard and Town management. The CIPC considers both projects important and believes they should be undertaken in FY25. Funding for the 20 capital replacements is expected to come from their associated capital reserve funds.

CAPITAL IMPROVEMENT PROGRAM COMMITTEE
TOWN OF HANOVER FY25-FY30 CAPITAL IMPROVEMENT PROGRAM

For reference, the tables below summarize the recommended FY25 appropriations by CIP Project Category and Capital Reserve Fund.

*Summary of Recommended FY25 Appropriations
by CIP Project Category*

CIP Project Category	\$	%
Special Town Infrastructure Projects	93,055	4%
Howe Library Upgrade and Maintenance	433,180	17%
Building Upgrade and Maintenance - Fire Stations	196,000	8%
Parking Facility Upgrade and Maintenance	34,200	1%
Parking Meters	30,000	1%
Police Service Vehicles and Equipment	23,000	1%
Public Works and Highway Vehicles and Equipment	679,289	27%
Water Meters	420,000	17%
Water Reclamation Facility Upgrade and Maintenance	350,000	14%
Fire Service Vehicles and Equipment	118,102	5%
Street Safety Equipment	138,000	5%
TOTAL	2,514,826	100%

*Summary of Recommended FY25 Appropriations
by Capital Reserve Fund*

Capital Reserve Fund	\$
Fire	314,102
Highway	583,889
Parking	64,200
Police	23,000
Road Construction	138,000
Waste_Water	573,000
Water	292,400
TOTAL	1,988,591

Capital Expenditure Requests Listed for Future Consideration

As shown in the following table, the amount of capital expenditure requests for new projects can be expected to increase significantly in FY26 and beyond. Expenditure requests received this year for ten new capital improvement projects that would be implemented from FY26 through FY30 total \$32.7 million, compared to requests of \$23.5 million for 132 previously-scheduled asset replacements during the same period.

Listed FY26-FY30 Capital Expenditure Requests by Project/Asset Type

Project/Asset Type	FY26	FY27	FY28	FY29	FY30	FY26-FY30 Total	\$	%
New Capital Improvement Projects	29,962,600	700,000	1,500,000	475,000	80,000	32,717,600	32,717,600	58%
Previously Scheduled Capital Asset Replacements	3,056,339	1,342,526	3,774,554	10,966,964	4,333,924	23,474,307	23,474,307	42%
TOTAL	33,018,939	2,042,526	5,274,554	11,441,964	4,413,924	56,191,907	56,191,907	100%

Expenditure requests for each year are presented separately below on pages 13 through 16.

CAPITAL IMPROVEMENT PROGRAM COMMITTEE
TOWN OF HANOVER FY25-FY30 CAPITAL IMPROVEMENT PROGRAM

Listed FY26 Capital Expenditure Requests by CIP Project Category

CIP Project Category	Capital Project/Asset	Associated Capital Reserve Fund	Expected Life (Years)	Cost	
				\$	%
Etna Library Upgrade and Maintenance	Etna Library Outdoor Story Circle	N/A	30	25,000	0.1%
Fire Service Vehicles and Equipment	EMS Ventilators	N/A	5	47,600	0.1%
Special Town Infrastructure Projects	Town Facility Analysis	N/A	10	140,000	0.4%
Special Town Infrastructure Projects	South Main Street Reconstruction	N/A	50	13,800,000	41.8%
Special Town Infrastructure Projects	Greensboro Road, Great Hollow Road and Etna Road ownership transfer and upgrades	N/A	15	15,950,000	48.3%
				New Subtotal	29,962,600 91%
Building Upgrade and Maintenance - Fire Stations	Overhead Doors Etna FD	Fire	20	12,000	0.0%
Building Upgrade and Maintenance - Police Station	Digital Alarm Monitor	Dispatch	20	48,500	0.1%
Building Upgrade and Maintenance - Police Station	HVAC Controls PD	Building	20	20,000	0.1%
Fire Service Vehicles and Equipment	Engine 4	Bond FD	21	1,151,200	3.5%
Fire Service Vehicles and Equipment	Fire Car 1	Fire	10	87,418	0.3%
Parking Facility Upgrade and Maintenance	EV Charging Stations lower deck	Parking	10	25,300	0.1%
Parking Facility Upgrade and Maintenance	Stairwell Maintenance	Parking	10	77,400	0.2%
Police Service Vehicles and Equipment	Safety Rescue Equipment	Police	5	67,500	0.2%
Public Safety Communication System and Equipment	Hayes Hill Radio Building	Dispatch	50	70,000	0.2%
Public Works and Highway Vehicles and Equipment	Backhoe Loader DPW	Highway	15	142,000	0.4%
Public Works and Highway Vehicles and Equipment	Backhoe loader LMC1/2	Waste_Water	10	90,041	0.3%
Public Works and Highway Vehicles and Equipment	Mowers 1-2 GF-1800	Highway	10	29,504	0.1%
Public Works and Highway Vehicles and Equipment	Truck 1	Highway	10	59,000	0.2%
Public Works and Highway Vehicles and Equipment	Truck 11 - 10 wheeler with plow	Highway	12	288,176	0.9%
Sidewalk Upgrade and Maintenance	Maple Street Sidewalk gap	Transportation Improvement	25	24,800	0.1%
Street Safety Equipment	Lebanon/Summer Video Detection System	Road Construction	20	28,000	0.1%
Water Distribution Projects	Balch Hill Water Storage Tank Paint	Water	30	550,000	1.7%
Water Reclamation Facility Upgrade and Maintenance	Methane Boiler	Waste_Water	7	50,000	0.2%
Water Reclamation Facility Upgrade and Maintenance	primary pump grinders	Waste_Water	10	15,500	0.0%
Water Treatment Facility Upgrade and Maintenance	Backwash pump motors 20 Hp (5)	water	20	26,000	0.1%
Water Treatment Facility Upgrade and Maintenance	Raw water pump motors 30 Hp (6)	Water	20	26,000	0.1%
Water/Waste Water Service Vehicles and Equipment	Backhoe Loader WTF1/2	Water	10	70,000	0.2%
Water/Waste Water Service Vehicles and Equipment	Skid Steer/Loader	Waste_Water	21	98,000	0.3%
				Previously Scheduled Subtotal	3,056,339 9%
				TOTAL	33,018,939 100%

Listed FY27 Capital Expenditure Requests by CIP Project Category

CIP Project Category	Capital Project/Asset	Associated Capital Reserve Fund	Expected Life (Years)	Cost	
				\$	%
Etna Library Upgrade and Maintenance	Second addition to Etna Library building.	N/A	100	700,000	34.3%
				New Subtotal	700,000 34%
Building Upgrade and Maintenance - RW Black	Carpet downstairs RWB	Building	15	55,000	2.7%
Building Upgrade and Maintenance - Town Hall	Generator TH	Building	15	15,926	0.8%
Fire Service Vehicles and Equipment	Cardiac Monitor Defibrillators	Ambulance	6	116,000	5.7%
Parking Facility Upgrade and Maintenance	Marshall Lot Paving	Parking	20	45,000	2.2%
Parking Meters	Pay & Display Meter Station (9)	Parking	10	67,500	3.3%
Police Service Vehicles and Equipment	Car #12	Police	10	64,000	3.1%
Police Service Vehicles and Equipment	Parking Operations Truck	Parking	10	55,000	2.7%
Public Safety Communication System and Equipment	Logger recorder	Dispatch	15	23,500	1.2%
Public Works and Highway Vehicles and Equipment	Brine equipment	Highway	11	51,400	2.5%
Public Works and Highway Vehicles and Equipment	Explorer LMC	Waste_Water	10	54,000	2.6%
Public Works and Highway Vehicles and Equipment	Fleet Service Vehicle	Highway	15	85,000	4.2%
Public Works and Highway Vehicles and Equipment	Graco Roadlazer (Long Line Painter)	Highway	11	64,150	3.1%
Public Works and Highway Vehicles and Equipment	Truck 13 -F550	Highway	10	86,200	4.2%
Public Works and Highway Vehicles and Equipment	Truck 2 (Long Line Painter Truck) F550	Highway	11	67,150	3.3%
Sidewalk Upgrade and Maintenance	Reservoir Road MUP	Transportation Improvement	25	114,200	5.6%
Street Safety Equipment	Main/South/Maple Control Cabinet	Road Construction	20	74,000	3.6%
Water Distribution Projects	Pressure Reducing valves 3	Water	30	15,000	0.7%
Water Reclamation Facility Upgrade and Maintenance	Primary Pumps	Waste_Water	15	48,500	2.4%
Water Treatment Facility Upgrade and Maintenance	Air Compressors (2) WTF	Water	15	81,000	4.0%
Water Treatment Facility Upgrade and Maintenance	Treatment modules MMM3	water	10	100,000	4.9%
Water/Waste Water Service Vehicles and Equipment	Tractor	Waste_Water	30	60,000	2.9%
				Previously Scheduled Subtotal	1,342,526 66%
				TOTAL	2,042,526 100%

CAPITAL IMPROVEMENT PROGRAM COMMITTEE
TOWN OF HANOVER FY25-FY30 CAPITAL IMPROVEMENT PROGRAM

Listed FY28 Capital Expenditure Requests by CIP Project Category

CIP Project Category	Capital Project/Asset	Associated Capital Reserve Fund	Expected Life (Years)	Cost	
				\$	%
Special Town Infrastructure Projects	Etna Village redesign and construction	N/A	15	1,500,000	28.4%
				<i>New Subtotal</i>	1,500,000
				28%	
Building Upgrade and Maintenance - DPW	membrane roof DPW1	Building	15	97,500	1.8%
Building Upgrade and Maintenance - DPW	Membrane Roof DPW2	Building	15	56,500	1.1%
Fire Service Vehicles and Equipment	Ambulance1	Ambulance	10	497,000	9.4%
Fire Service Vehicles and Equipment	Forestry	Fire	15	220,000	4.2%
Fire Service Vehicles and Equipment	Portable Radio Replacement XTS 2500	Fire	10	132,390	2.5%
Howe Library Upgrade and Maintenance	Howe Lib Parking	Building	20	20,000	0.4%
Police Service Vehicles and Equipment	Cruiser #2	Police	4	74,500	1.4%
Police Service Vehicles and Equipment	Cruiser #3	Police	4	74,500	1.4%
Police Service Vehicles and Equipment	Cruiser #4	Police	4	74,500	1.4%
Police Service Vehicles and Equipment	Cruiser #5	Police	4	74,500	1.4%
Police Service Vehicles and Equipment	Portable Message Board/radar	Police	15	12,150	0.2%
Property Revaluation Project	Revaluation first year	Revaluation	10	15,000	0.3%
Property Revaluation Project	Revaluation first year	Revaluation	10	15,000	0.3%
Public Works and Highway Vehicles and Equipment	Grader	Highway	15	287,214	5.4%
Public Works and Highway Vehicles and Equipment	Sidewalk Tractor 1	Highway	8	168,000	3.2%
Public Works and Highway Vehicles and Equipment	Truck 19 (Bldgs. Van)	Highway	10	45,000	0.9%
Public Works and Highway Vehicles and Equipment	Truck 3 (Grounds)	Highway	8	48,000	0.9%
Public Works and Highway Vehicles and Equipment	ZD221 (2) zero turn	Highway	10	20,800	0.4%
Solar Power Equipment	Solar Array WTF Phase 1	Water	40	875,000	16.6%
Street Safety Equipment	Lebanon/Park Signal Mast Arms	Road Construction	25	25,000	0.5%
Street Safety Equipment	Midblock Crossing 2	Road Construction	15	30,000	0.6%
Water Distribution Projects	Pressure booster Pumps PS	Water	20	20,000	0.4%
Water Reclamation Facility Upgrade and Maintenance	Digester 2 gas pressure sensor	Waste_Water	15	18,000	0.3%
Water Reclamation Facility Upgrade and Maintenance	Digester 2 membrane cover air system	Waste_Water	15	18,000	0.3%
Water Reclamation Facility Upgrade and Maintenance	Digester 2 radar sensor	Waste_Water	15	36,000	0.7%
Water Reclamation Facility Upgrade and Maintenance	Hazardous gas detection sensor	Waste_Water	15	10,000	0.2%
Water Reclamation Facility Upgrade and Maintenance	Pump Station #4	Bond WW	50	750,000	14.2%
Water/Waste Water Service Vehicles and Equipment	Car - WTF	Waste_Water	10	60,000	1.1%
				<i>Previously Scheduled Subtotal</i>	3,774,554
				72%	
				TOTAL	5,274,554
				100%	

CAPITAL IMPROVEMENT PROGRAM COMMITTEE
TOWN OF HANOVER FY25-FY30 CAPITAL IMPROVEMENT PROGRAM

Listed FY29 Capital Expenditure Requests by CIP Project Category

CIP Project Category	Capital Project/Asset	Associated Capital Reserve Fund	Expected Life (Years)	Cost	
				\$	%
Howe Library Upgrade and Maintenance	Howe Library Window Replacement	N/A	25	400,000	3.5%
Howe Library Upgrade and Maintenance	Elevator removal	N/A	100	75,000	0.7%
		<i>New Subtotal</i>		475,000	4%
Building Upgrade and Maintenance - DPW	Boiler & 3 FHA DPW	Building	20	99,000	0.1%
Building Upgrade and Maintenance - Fire Stations	Backup Generator PS	Fire	25	75,000	0.1%
Building Upgrade and Maintenance - Fire Stations	Solar PS Fire share (16%)	Fire	40	43,100	0.0%
Building Upgrade and Maintenance - Hall	Boiler TH	Building	20	49,500	0.0%
Building Upgrade and Maintenance - Hall	Handicap Door Openers/Controls	Building	15	14,000	0.0%
Building Upgrade and Maintenance - Police Station	DC Inverter (solar) PD	Building	12	20,000	0.0%
Building Upgrade and Maintenance - RW Black	Boiler RWB	Building	20	61,900	0.1%
Fire Service Vehicles and Equipment	Ambulance 2	Ambulance	10	526,000	0.5%
Fire Service Vehicles and Equipment	IV Med Pumps	Ambulance	7	14,000	0.0%
Fire Service Vehicles and Equipment	Rescue Boat	Fire	10	133,741	0.1%
Howe Library Upgrade and Maintenance	Carpet Howe	Building	15	92,000	0.1%
Howe Library Upgrade and Maintenance	Window Replacement	Building	25	131,150	0.1%
Parking Facility Upgrade and Maintenance	Control Access Equipment	Parking	10	125,000	0.1%
Parking Facility Upgrade and Maintenance	Sealing exposed bricks	Parking	10	28,000	0.0%
Parking Meters	Pay & Display Meter Stations (21)	Parking	8	157,500	0.1%
Police Service Vehicles and Equipment	Cruiser #11	Police	9	57,000	0.1%
Police Service Vehicles and Equipment	Cruiser #7	Police	6	64,000	0.1%
Police Service Vehicles and Equipment	Cruiser #8	Police	6	64,000	0.1%
Police Service Vehicles and Equipment	Cruiser #9	Police	9	57,000	0.1%
Property Revaluation Project	Revaluation Second Year	Revaluation	10	20,000	0.0%
Property Revaluation Project	Revaluation Second Year	Revaluation	10	20,000	0.0%
Public Safety Communication System and Equipment	Video System	Dispatch	10	55,000	0.1%
Public Works and Highway Vehicles and Equipment	Excavator Rebusch/assess	Highway	10	33,000	0.0%
Public Works and Highway Vehicles and Equipment	Multi vehicle diagnostic tool	Highway	10	15,000	0.0%
Public Works and Highway Vehicles and Equipment	Truck 10 - pickup	Highway	10	53,000	0.0%
Public Works and Highway Vehicles and Equipment	Truck 27106	Waste_Water	12	110,000	0.1%
Public Works and Highway Vehicles and Equipment	Truck 6-10 wheel dump with attachments	Highway	10	113,000	0.1%
Public Works and Highway Vehicles and Equipment	Vacuum Sweeper rehabilitate	Highway	10	0	0.0%
Solar Power Equipment	Solar Array PS & DPW	Building	40	226,273	0.2%
Street Safety Equipment	Lyme/Richmond signal upgrade	Road Construction	20	84,000	0.1%
Water Distribution Projects	Distribution Project 2 (\$455k)	Bond W	67	8,000,000	7.4%
Water Reclamation Facility Upgrade and Maintenance	Mixer control panels	Waste_Water	25	34,400	0.0%
Water Reclamation Facility Upgrade and Maintenance	Sludge Trailer	Waste_Water	20	208,000	0.2%
Water Treatment Facility Upgrade and Maintenance	Treatment modules MMM2	water	10	110,000	0.1%
Water/Waste Water Service Vehicles and Equipment	Altoz TRX 766i Tracked Zero Turn Rider	Water	10	21,000	0.0%
Water/Waste Water Service Vehicles and Equipment	Ford Ranger #1	Water	10	40,000	0.0%
Water/Waste Water Service Vehicles and Equipment	Trailer (flat bed pipe trailer)	Water	15	12,400	0.0%
		<i>Previously Scheduled Subtotal</i>		10,966,964	96%
		TOTAL		11,441,964	100%

CAPITAL IMPROVEMENT PROGRAM COMMITTEE
TOWN OF HANOVER FY25-FY30 CAPITAL IMPROVEMENT PROGRAM

Listed FY30 Capital Expenditure Requests by CIP Project Category

CIP Project Category	Capital Project/Asset	Associated Capital Reserve Fund	Expected Life (Years)	Cost	
				\$	%
Howe Library Upgrade and Maintenance	Sidewalks & Wall Howe Entrance	N/A	0	80,000	1.8%
				<i>New Subtotal</i>	80,000 2%
Building Upgrade and Maintenance - DPW	Heat pumps DPW	Building	25	125,000	2.8%
Building Upgrade and Maintenance - DPW	Waste Oil Furnace	Building	15	14,000	0.3%
Building Upgrade and Maintenance - Fire Stations	Heating System Etna FD	Fire	20	10,000	0.2%
Building Upgrade and Maintenance - Police Station	Flooring PD	building	15	91,000	2.1%
Fire Service Vehicles and Equipment	SCBA	Fire	10	278,182	6.3%
Fire Service Vehicles and Equipment	Thermal Imaging Camera A	Fire	10	45,000	1.0%
Fire Service Vehicles and Equipment	Thermal Imaging Camera B	Fire	10	11,000	0.2%
Fire Service Vehicles and Equipment	Tower 1	Bond FD	25	1,150,000	26.1%
Parking Facility Upgrade and Maintenance	Lot 5 West Wheelock	Parking	20	17,000	0.4%
Parking Facility Upgrade and Maintenance	Security Cameras Pkg 7 Leb	Parking	10	50,700	1.1%
Public Works and Highway Vehicles and Equipment	Roller Compactor	Highway	25	179,881	4.1%
Public Works and Highway Vehicles and Equipment	Sidewalk Tractor 2	Highway	8	195,000	4.4%
Public Works and Highway Vehicles and Equipment	Truck 17-6 wheel dump with plow	Highway	12	166,200	3.8%
Public Works and Highway Vehicles and Equipment	Truck 7-6wheel dump	Highway	12	166,200	3.8%
Public Works and Highway Vehicles and Equipment	Truck 8-6 wheel dump with plow	Highway	12	228,000	5.2%
Sidewalk Upgrade and Maintenance	120 MUP Buck to DHMC	Transportation Improvement	25	135,000	3.1%
Solar Power Equipment	Solar Grasse Rd Phase 2 buyout	Waste_Water	40	1,196,461	27.1%
Street Safety Equipment	Lebanon/Park Gridsmart Video Detection System	Road Construction	20	32,000	0.7%
Street Safety Equipment	Main/South/Maple Mast Arms	Road Construction	25	28,000	0.6%
Street Safety Equipment	Park/Lyme Control Cabinet	Road Construction	20	86,000	1.9%
Street Safety Equipment	West/W Wheelock Video Detection system	Road Construction	10	31,000	0.7%
Water Treatment Facility Upgrade and Maintenance	Filter Modules MM4	Water	15	53,300	1.2%
Water/Waste Water Service Vehicles and Equipment	Truck 05220	Waste_Water	10	45,000	1.0%
				<i>Previously Scheduled Subtotal</i>	4,333,924 98%
				TOTAL	4,413,924 100%

CAPITAL IMPROVEMENT PROGRAM COMMITTEE
TOWN OF HANOVER FY25-FY30 CAPITAL IMPROVEMENT PROGRAM

Appendix I: Proposed Capital Items Excluded from FY25-FY30 CIP

Proposed Fiscal Year	Prospective Funding Source (Bond, CRF, TBD)	Capital Project/Asset	Expected Life (Years)	Cost
FY31	Bond GF	Fuel Storage	30	\$ 1,075,000
FY31	Bond GF	Fuel Island Canopy	35	\$ -
FY31	Bond GF	Underground Fuel Storage Tanks	30	\$ -
FY31	Building	Heat Pumps Police	20	\$ 370,000
FY31	Building	Boiler (2) Howe	30	\$ 124,000
FY31	Building	Howe Library Air Handlers	30	\$ 75,000
FY31	Building	Emergency Generator - RWB	25	\$ 60,654
FY31	Dispatch	Radio Console	15	\$ 225,000
FY31	Fire	Paving Etna FD	15	\$ 25,000
FY31	Highway	Loader 1 DPW	10	\$ 150,000
FY31	Parking	Lot 1 Paving	20	\$ 42,000
FY31	Road Construction	Park/Wheelock Mast Arms	25	\$ 28,500
FY31	To Be Determined	Howe Library HVAC	20	\$ 955,000
FY32	Bond GF	Shed # 2 relocation to DPW	50	\$ 500,000
FY32	Building	Elevator Howe	18	\$ 120,000
FY32	Building	High Efficiency heat pump phase 1 TH	15	\$ 93,500
FY32	Building	DC Inverter (solar) TH	12	\$ 20,000
FY32	Dispatch	Police simulcast radio system	15	\$ 117,000
FY32	Fire	Solar Hot Water FD	20	\$ 15,000
FY32	Highway	Sidewalk Tractor 3	8	\$ 212,000
FY32	Highway	Vacuum Sweeper	10	\$ 338,000
FY32	Highway	Excavator	10	\$ 288,000
FY32	Highway	Truck 16 pickup	10	\$ 50,000
FY32	Parking	Lebanon St Lot 7 parking	20	\$ 33,000
FY32	Police	Cruiser #3 w/FLIR 8 yr	4	\$ 89,000
FY32	Police	Cruiser #2 w/FLIR 8yr	4	\$ 89,000
FY32	Police	Cruiser #5	4	\$ 83,500
FY32	Police	Cruiser #4	4	\$ 83,500
FY32	Police	Cruiser lights	9	\$ 23,750
FY32	To Be Determined	Howe library Functioning elevator	20	\$ 120,000
FY32	Waste_Water	Primary digester cover	20	\$ 175,400
FY32	Waste_Water	Motor operated valves	20	\$ 168,100
FY32	Waste_Water	Flusher	11	\$ 120,000
FY32	Waste_Water	Flow meter local displays	20	\$ 87,700
FY32	Waste_Water	Digester spiral heat exchangers	20	\$ 70,200
FY32	Waste_Water	Digester mixing pump	20	\$ 66,000
FY32	Waste_Water	Centrifuge feed pump	20	\$ 65,800
FY32	Waste_Water	Digester transfer pumps	20	\$ 61,400
FY32	Waste_Water	Centrifuge conveyor #2	20	\$ 61,400
FY32	Waste_Water	Draft tube mixer	20	\$ 51,200
FY32	Waste_Water	Truck 20224	12	\$ 41,700
FY32	Waste_Water	Digester recirculation pump	20	\$ 41,000
FY32	Waste_Water	Centrifuge conveyor #1	20	\$ 29,250
FY32	Waste_Water	Rodder	20	\$ 24,000
FY32	Waste_Water	Hazardous gas alarm panel	20	\$ 22,000
FY32	water	Electrical metering & Efficiency	10	\$ 47,037

CAPITAL IMPROVEMENT PROGRAM COMMITTEE
TOWN OF HANOVER FY25-FY30 CAPITAL IMPROVEMENT PROGRAM

Proposed Fiscal Year	Prospective Funding Source (Bond, CRF, TBD)	Capital Project/Asset	Expected Life (Years)	Cost
FY33	Bond FD	Fire Radio System	20	\$ 645,000
FY33	Building	Low Temp Heat pump phase 2 TH	15	\$ 65,000
FY33	Building	Air Conditioning RWB	15	\$ 51,000
FY33	Fire	Utility 1	10	\$ 323,000
FY33	Fire	Heating System FD	20	\$ 20,000
FY33	Highway	Truck 9 -10 Wheel Dump	12	\$ 243,000
FY33	Municipal Transportation	Ped Crossing 5	15	\$ 25,000
FY33	Parking	CCTV Cameras Parking Garage & Lot 1	10	\$ 53,000
FY33	Police	Firearms & related equipment	10	\$ 38,000
FY33	Police	Ebikes - Police	10	\$ 18,000
FY33	Road Construction	Main/Wheelock Mast Arms	25	\$ 24,000
FY33	Waste_Water	Digester gas holding membrane	20	\$ 261,200
FY33	Waste_Water	Air Compressor LMC	15	\$ 17,000
FY33	Water	Treatment Modules MMM1, compressor & VRD	10	\$ 172,000
FY34	Bond Bridge	bridge112/091	50	\$ 217,000
FY34	Bond Bridge	bridge131/162	40	\$ 201,800
FY34	Bond Bridge	bridge133/089	30	\$ 182,300
FY34	Bond Bridge	bridge115/078	50	\$ 125,000
FY34	Bond Bridge	bridge107/063	30	\$ 91,150
FY34	Bond Bridge	bridge110/069	30	\$ 90,000
FY34	Bond Bridge	bridge108/066	35	\$ 89,300
FY34	Building	Carpet RWB	10	\$ 37,000
FY34	Building	Roof Replacement PD	20	\$ 128,800
FY34	Building	RWB parking lot lighting	15	\$ 30,000
FY34	Building	Low Temp Heat pump Etna Lib	15	\$ 12,000
FY34	Fire	Exhaust Ventilation System PS	20	\$ 60,000
FY34	Highway	Chipper	10	\$ 80,000
FY34	Highway	Trailer 2 - 9 ton	20	\$ 14,000
FY34	Parking	Hopkin Center Parking	20	\$ 58,000
FY34	Road Construction	Summer/Park Control Cabinet	20	\$ 61,000
FY34	Road Construction	Midblock Crossing 1	15	\$ 30,800
FY34	Water	F550 Dump Truck	10	\$ 129,000
FY35	Bond FD	Engine 2	21	\$ 1,300,000
FY35	Bond WW	Dewatering centrifuges	20	\$ 794,000
FY35	Building	Roof Replacement (west side)	20	\$ 165,000
FY35	Building	Generator DPW	25	\$ 86,357
FY35	Building	Windows TH	20	\$ 47,000
FY35	Building	Solar Hot Water RWB	20	\$ 22,000
FY35	Fire	Paving FD	20	\$ 150,000
FY35	Highway	Truck 5 -6 wheel dump with plow	12	\$ 336,000
FY35	Highway	Truck Buildings	15	\$ 66,000
FY35	Highway	Truck 20101 - (Fleet Service Truck)	15	\$ 56,000
FY35	Highway	Truck W (Grounds)	15	\$ 40,000
FY35	Highway	Truck 70 Recreation	20	\$ 40,000
FY35	Road Construction	Park/Lyme Mast Arms	25	\$ 32,000
FY35	Waste_Water	WRF Roof	20	\$ 295,000
FY35	Waste_Water	Digester heat exchangers	20	\$ 96,500
FY35	Waste_Water	Digester heat exchangers	20	\$ 96,500
FY35	Waste_Water	Digester 2 mixing pump	20	\$ 62,200
FY35	Waste_Water	Digester 1 recirculation pump	20	\$ 38,900
FY35	Waste_Water	Digester 2 sludge level sensor	20	\$ 15,600
FY35	Waste_Water	Chemical feed heat trace system	20	\$ 15,600
FY35	Water	Utility Engineer Vehicle	12	\$ 78,000
FY35	Water	Water Meters phase 1	15	\$ 200,000
FY35	Water	Water Meters	25	\$ 700,000

CAPITAL IMPROVEMENT PROGRAM COMMITTEE
TOWN OF HANOVER FY25-FY30 CAPITAL IMPROVEMENT PROGRAM

Proposed Fiscal Year	Prospective Funding Source (Bond, CRF, TBD)	Capital Project/Asset	Expected Life (Years)	Cost
FY36	Building	Heat Pumps Howe	15	\$ 305,000
FY36	Building	Fleet floor protective coating	20	\$ 41,300
FY36	Building	RTU Air Conditioner	20	\$ 17,000
FY36	Dispatch	Dispatch furniture	15	\$ 135,000
FY36	Dispatch	Hayes Hill Generator	20	\$ 25,000
FY36	Fire	Over Head Doors FD	20	\$ 40,000
FY36	Highway	Truck 14 - 6 wheel dump with plow	12	\$ 384,000
FY36	Highway	Truck 12 -6 wheel dump with plow	12	\$ 384,000
FY36	Highway	Backhoe Loader (Kubota)	15	\$ 75,000
FY36	Highway	Truck lift (16 TN)	20	\$ 22,250
FY36	Parking	Allen Lot Paving	20	\$ 20,000
FY36	Road Construction	Lebanon/Summer Control Cabinet	20	\$ 102,000
FY36	Waste_Water	Domestic boiler recirculation pumps WRF	20	\$ 25,400
FY36	Water	Boiler (Propane) WTF	30	\$ 42,000
FY37	Ambulance	RTV FD	20	\$ 37,900
FY37	Bond Bridge	Ledyard Bridge Lighting	15	\$ 36,000
FY37	Bond WW	Pump Station #5	30	\$ 742,000
FY37	Building	Multipurpose room floor	20	\$ 80,000
FY37	Building	Propane Tube Heaters	15	\$ 75,000
FY37	Fire	Windows Second Floor	20	\$ 65,000
FY37	Fire	Asphalt shingled Roof	20	\$ 39,600
FY37	Highway	Snogo - loader snow blower	20	\$ 197,400
FY37	Highway	Roadside Mower boom	12	\$ 92,000
FY37	Road Construction	APS - pedestrian activation	15	\$ 124,000
FY37	Waste_Water	Automatic transfer switch	25	\$ 89,200
FY37	Waste_Water	Digester level sensor	25	\$ 17,000
FY37	Water	Vactron	15	\$ 155,797
FY37	Water	Secondary Chlorination	15	\$ 125,000
FY37	Water	Manganese Monitor & Analyzier	15	\$ 77,898
FY38	Building	Membrane Roofing RWB	15	\$ 117,000
FY38	Building	Training Room flooring, ceiling & lights	15	\$ 48,000
FY38	Building	Roof TH	20	\$ 48,000
FY38	Dispatch	Town Hall/Hayes/PD Antenna	50	\$ 375,000
FY38	Fire	Air to air heat exchangers	15	\$ 81,000
FY38	Fire	Engine 3 - year 1	19	\$ 248,943
FY38	Fire	Utility 1	15	\$ 160,000
FY38	Highway	Bulldozer	30	\$ 581,000
FY38	Parking	Banwell Lot	20	\$ 25,000
FY38	Road Construction	Main/Wheelock Video Detection System	20	\$ 40,000
FY38	Water	Generator WTF	30	\$ 125,000
FY39	Building	AC Air Handler	25	\$ 67,600
FY39	Building	Elevator TH	25	\$ 45,000
FY39	Building	RWB Parking	20	\$ 42,000
FY39	Fire	Roof replacement FD	20	\$ 125,000
FY39	Highway	Culvert Cleaner (De-Icer)	20	\$ 14,400
FY39	Road Construction	School zone speed flashers	15	\$ 32,000
FY39	Road Construction	Summer/Park Mast Arms	25	\$ 36,000
FY39	Waste_Water	Water Meters phase 1	15	\$ 200,000
FY39	Waste_Water	Truck 16222	10	\$ 154,000

CAPITAL IMPROVEMENT PROGRAM COMMITTEE
TOWN OF HANOVER FY25-FY30 CAPITAL IMPROVEMENT PROGRAM

Proposed Fiscal Year	Prospective Funding Source (Bond, CRF, TBD)	Capital Project/Asset	Expected Life (Years)	Cost
FY40	Building	Salt Storage Facility roof	25	\$ 54,200
FY40	Building	LED lighting Howe	20	\$ 20,000
FY40	Building	LED Lighting TH	20	\$ 15,000
FY40	Fire	High Pressure Compressor FD	20	\$ 88,000
FY40	Fire	Window Replacement	20	\$ 47,500
FY40	Road Construction	West/W Wheelock Control Cabinet	20	\$ 112,000
FY40	Road Construction	Lebanon/Park Signals Control Cabinet	20	\$ 112,000
FY40	Road Construction	Traffic Signal Replacement	20	\$ 40,000
FY40	Waste_Water	aeration blowers	20	\$ 200,000
FY40	Waste_Water	Flow meter WRF1	20	\$ 39,000
FY40	Waste_Water	Effluent flow meter	20	\$ 22,000
FY40	Water	Pressure Reducing Valve 1	20	\$ 25,000
FY41	Fire	Interior Lighting Etna FD	20	\$ 15,000
FY41	Fire	LED lighting Apparatus bay FD	20	\$ 15,000
FY41	Road Construction	Lebanon/Summer Mast Arms	25	\$ 38,000
FY41	Road Construction	Park/Lyme Video Detection System	20	\$ 25,000
FY41	Road Construction	Park/Wheelock Video Detection System	20	\$ 25,000
FY41	Road Construction	Main/South/Maple Gridsmart Video Detection System	20	\$ 25,000
FY42	Building	recabling & fire alarm panels	20	\$ 25,000
FY42	Parking	Lot 1 Lighting	15	\$ 51,000
FY43	Building	Flooring DPW	20	\$ 153,000
FY43	Dispatch	Fire A & B Repeater	20	\$ 504,000
FY43	Dispatch	Dispatch Ctr Renovations	20	\$ 200,000
FY43	Highway	RTV P&R	25	\$ 53,000
FY43	Highway	Compressor HW	23	\$ 32,000
FY43	Highway	Hydro Seeder	25	\$ 14,000
FY43	Municipal Transportation	Sidewalk Storrs Rd to Tanzi access 1	25	\$ 64,400
FY43	Municipal Transportation	Sidewalk Tanzi to Greensboro	25	\$ 40,500
FY43	Road Construction	Sidewalk Storrs Rd to Tansy access	25	\$ 59,000
FY43	Road Construction	Sidewalk Storrs Rd to Tansy access	25	\$ 59,000
FY43	Waste_Water	Trash Pump	30	\$ 36,700
FY44	Bond Bridge	bridge144/085	30	\$ 241,900
FY44	Bond Bridge	bridge122/083	30	\$ 223,300
FY44	Building	Roof Replacement (east side)	20	\$ 438,000
FY44	Highway	20 Tn Equipment Trailer	20	\$ 83,000
FY44	Road Construction	Summer/Park Video Detection System	20	\$ 49,000
FY44	Road Construction	Lebanon/Park Signal Head Replacement Coop signals	25	\$ 15,500
FY45	Building	Riello burners	30	\$ 26,000
FY45	Highway	Bucket Truck	25	\$ 92,000
FY45	Municipal Transportation	Mid-block crossing 3	25	\$ 32,000
FY45	Road Construction	West/W Wheelock Mast Arms	25	\$ 42,000
FY46	Building	Multi City Heat Pumps RWB	25	\$ 530,000
FY46	Waste_Water	Domestic Boiler WRF	30	\$ 131,000
FY46	Water	Raw Water Pump Station	50	\$ 490,000
FY47	Building	Wall Mounted Heaters	30	\$ 16,400
FY47	Waste_Water	Syphon PS #10	75	\$ 275,000
FY48	Building	Windows PD	30	\$ 62,500
FY48	Fire	Air Condition (low temp heat pump)	15	\$ 17,500
FY49	Building	Windows @ DPW phase 1	30	\$ 30,000
FY49	Water	Pressure Reducing Valve 2	30	\$ 20,000

CAPITAL IMPROVEMENT PROGRAM COMMITTEE
TOWN OF HANOVER FY25-FY30 CAPITAL IMPROVEMENT PROGRAM

Proposed Fiscal Year	Prospective Funding Source (Bond, CRF, TBD)	Capital Project/Asset	Expected Life (Years)	Cost
FY50	Building	Boiler PD	30	\$ 42,000
FY50	Building	Windows training room	30	\$ 35,000
FY51	Waste_Water	Sludge Mate Rolloff	30	\$ 149,000
FY52	Building	Lower Siding RWB	30	\$ 70,000
FY53	Building	Parking Lot DPW	30	\$ 375,000
FY53	Building	Windows DPW	30	\$ 71,000
FY53	Fire	Plumbing renovations phase 2	30	\$ 30,000
FY53	Fire	Metal Door Replacement phase 1 of 3	30	\$ 49,000
FY53	Highway	Bulldozer undercarriage/pin/bush	15	\$ 64,000
FY53	Water	Greensboro Road Storage Tank Paint	30	\$ 311,300
FY54	Bond Bridge	bridge130/086	50	\$ 277,100
FY54	Bond Bridge	bridge124/084	50	\$ 277,100
FY54	Bond Bridge	bridgebox4	50	\$ 184,300
FY54	Bond Bridge	bridgebox3	50	\$ 184,300
FY54	Bond Bridge	bridgebox2	50	\$ 184,300
FY54	Bond Bridge	bridge056/089	35	\$ 118,000
FY54	Fire	Metal Door Replacement phase 2 of 3	30	\$ 50,000
FY54	Waste_Water	Primary Clarifier rehabilitation	35	\$ 487,500
FY56	Bond GF	Salt Storage Facility	60	\$ 937,000
FY56	Waste_Water	Chlorine contact tanks	50	\$ 1,925,000
FY56	Waste_Water	Pump station #3	50	\$ 880,000
FY58	Water	Greensboro Road Pump Station	50	\$ 376,000
FY60	Bond WW	aeration basins	75	\$ 4,224,700
FY60	Building	Solar Panels TH	40	\$ 65,000
FY65	Bond Bridge	bridge091/174	50	\$ 467,400
FY65	Bond Bridge	bridge098/053	7	\$ 25,000
FY66	Municipal Transportation	Lyme Road Multi-use Path	50	\$ -
FY67	Fire	Siding FD	50	\$ 100,000
FY67	Municipal Transportation	Hemlock Road sidewalk	50	\$ -
FY68	Municipal Transportation	Dresden Road Diverter	50	\$ -
FY72	Bond Bridge	bridge118/080	75	\$ 1,000,000
FY72	Bond Bridge	bridgebox1	50	\$ 800,000
FY72	Bond Bridge	bridge116/097	50	\$ 600,000
FY72	Bond Bridge	bridge213/150	50	\$ 425,000
FY72	Fire	Domestic Plumbing	50	\$ 35,000
FY72	Municipal Transportation	Crosby Sidewalk Gap	50	\$ 20,000
FY73	Bond Bridge	Ruddsboro @ 3 mile Road	30	\$ 600,000
FY74	Municipal Transportation	Sidewalk Verona and Willow Springs	50	\$ 33,700
FY74	Municipal Transportation	Sidewalk Strong Trail to Hemlock Road	50	\$ 23,600
FY79	Water	Temporary water storage tank	100	\$ -
FY91	Bond W	Distribution Project 1 (\$304k)	67	\$ 7,800,000
FY96	Bond Bridge	bridge102/066	75	\$ 195,000
FY96	Water	Water standby tank	100	\$ -
FY99	Bond Bridge	bridge091/144	50	\$ -
FY99	Bond Bridge	bridge061/046	40	\$ -
FY99	Bond W	Grasse Road Storage Tank	75	\$ 4,500,000
FY99	Bond W	Sand Hill Water Storage Tank	75	\$ 2,000,000
FY99	Waste_Water	Solar Grasse Rd Phase 2 initial payment	40	\$ 304,000
FY99	Waste_Water	Aeration Installation	30	\$ 110,000
TOTAL				\$56,429,086

CAPITAL IMPROVEMENT PROGRAM COMMITTEE
TOWN OF HANOVER FY25-FY30 CAPITAL IMPROVEMENT PROGRAM

Appendix II: Town Capital Reserve Funds

The Town's capital asset financing plan has served as a schedule for making annual contributions to 13 dedicated Capital Reserve Funds (CRF) used as "savings accounts" in which the Town accumulates over time sufficient funds to pay for certain types of asset replacement. These CRFs are summarized below.

Capital Reserve Fund	Authorizing Town Meeting Warrant Articles (<i>fund's specified purpose highlighted in boldface</i>)	Funding Source	Date Of Creation
Ambulance Equipment	Ambulance—Town Meeting 1989 ARTICLE TWENTY-THREE: To see if the Town will vote to establish a capital reserve fund as provided in RSA 35:1 to finance all or part of the cost of ambulance equipment , and further, to authorize the transfer of any reserves of the Upper Valley Regional Emergency Medical Care Service to this capital reserve fund which shall be known as the Ambulance Equipment Capital Reserve Fund.	User Fees and Property Tax	7/1/1989
Bridge Replacement and Renovation	Bridge—Town Meeting 2004 ARTICLE NINETEEN: To see if the Town will vote to establish a Bridge Replacement and Renovation Capital Reserve Fund under the provisions of RSA 35:1 for the ongoing necessary reconstruction and improvements to the Town's bridges , and to raise and appropriate thirty-four thousand dollars (\$34,000) to be placed in this fund towards this purpose.	Property Tax	7/1/2004
Building Maintenance and Improvement	Building—Town Meeting 2008 ARTICLE TWENTY: To see if the Town will vote to establish a Building Maintenance and Improvement Capital Reserve Fund under the provision of RSA 35:1 for preventive maintenance and energy efficiency initiatives to Town buildings , and to raise and appropriate \$50,000 to be placed in this fund towards this purpose.	Property Tax	7/1/2008
Dispatch Equipment and Center Renovation	Dispatch—Town Meeting 2003 ARTICLE TWENTY-SIX: To see if the Town will vote to establish a Capital Reserve Fund under the provisions of RSA 35:1, for the purpose of replacing Dispatch equipment and for enhancements to the Dispatch Center , and to raise and appropriate the sum of \$10,000 for deposit into this fund.	Property Tax	7/1/2003
Highway Construction and Maintenance	Highway, Police, and Fire Equipment—Town Meeting 1964 ARTICLE FOURTEEN: To see if the Town will vote to appropriate and place in capital reserve funds, pursuant to RSA 35, the total sum of \$17,082.15 (which was the balance remaining in the Precinct Capital Reserve Fund and transferred to the Town on December 31, 1963) for the following purposes: (1) \$6,567.57 for the future purchase of highway construction and maintenance equipment ; (2) \$2,145.01 for the future purchase of police vehicles and equipment and (3) \$8,369.57 for the future purchase of fire vehicles and equipment .	Property Tax	7/1/1964
Police Vehicles and Equipment		Property Tax	7/1/1964
Fire Department Vehicles and Equipment			
Parking Operations Vehicles and Parking Facilities Improvements	Parking—Town Meeting 1993? NH State Report MS-9 notes that this fund was created in 1993, but no enabling warrant article from that era can be found. Mention of a Parking Capital Reserve Fund and/or a Special Reserve Fund is made in 1985 Town Meeting Warrant Articles 12 and 13. (Assumed to be for ongoing maintenance and improvement of Town parking operations and facilities, including shuttle and transit services.)	User Fees and TIF District tax revenue (used to pay parking facility debt)	7/1/1993

CAPITAL IMPROVEMENT PROGRAM COMMITTEE
TOWN OF HANOVER FY25-FY30 CAPITAL IMPROVEMENT PROGRAM

Capital Reserve Fund	Authorizing Town Meeting Warrant Articles (<i>fund's specified purpose highlighted in boldface</i>)	Funding Source	Date Of Creation
Property Revaluation	Revaluation—Town Meeting 2004 ARTICLE TWENTY: To see if the Town will vote to establish a Town Revaluation Capital Reserve Fund under the provisions of RSA 35:1 for the scheduled 2008 revaluation of the Town , and to raise and appropriate ten thousand dollars (\$10,000) to be placed in this fund towards this purpose, and appoint the Selectmen as agents to expend from the fund.	Property Tax	7/1/2004
Road Construction and Improvements	Road—Town Meeting 2004 ARTICLE TWENTY-FIVE: To see if the Town will vote to rename the North College Street Reconstruction Capital Reserve Fund to the Road Construction and Improvements Capital Reserve Fund, and to ratify its purposes, authorizing its use for future reconstruction and improvements of Town roadways , and to raise and appropriate eighty-five thousand dollars (\$85,000) to be placed in this fund towards this purpose. A two-thirds vote is required.	Property Tax	7/1/2004
Sewer Equipment and Facilities Improvements	Sewer—Town Meeting 1965 ARTICLE TWELVE: To see if the Town will vote to appropriate the sum of \$19,697.00 received from the State of New Hampshire and place it in a capital reserve fund pursuant to RSA 35, for the improvement of sewage facilities .	User Fees	7/1/1965
Transportation Improvement Fund	Transportation Improvements—Town Meeting 2000 ARTICLE TWENTY-ONE: To see if the Town will vote to collect an additional motor vehicle registration fee of \$5.00 per vehicle for the purpose of supporting a municipal transportation improvement fund for the purposes set forth in RSA 261:153 VI, and further, to vote to establish said fund. Proceeds from said fund are to be used to support eligible local transportation improvement projects such as public transportation, roadway improvements, signal upgrades, and development of new bicycle and pedestrian paths (must be voted upon by ballot). (N.B.: Town Meeting discussion clarified that the fund should be used for pedestrian- and bike-related projects .)	Vehicle Registration Fees	7/1/2000
Water Treatment and Distribution Equipment and System	Water—Town Meeting 2011 ARTICLE TWELVE: To see if the Town will vote to establish a Water Treatment and Distribution Equipment and System Capital Reserve Fund under the provisions of RSA 35:1 for the ongoing necessary capital maintenance of and improvements to the plant and equipment comprising the Town's water utility system , and to raise and appropriate the sum of \$113,050 for deposit into this fund.	User Fees	7/1/2011