

2019-2024

Capital Improvement



City of Berlin, NH

City Manager's Office



Date: December 5, 2017

To: Mayor and Council
Planning Board

From: Jim Wheeler, City Manager

Subject: Six Year Capital Improvement Plan

Enclosed is the proposed Six Year Capital Improvement Plan (CIP) for FY 2019 through FY 2024 for the City of Berlin. The CIP is an important budget document for the City in that it should enable the City to look into the future with respect to its plans and finances and set a path for the future that works within the City's financial condition and allows the City to achieve its goals. If the CIP is properly developed over time, the actions and goals which stem from it will become much more far-reaching than the Annual Operating Budget (AOB). Our ideal is to let the Annual Operating Budget be an annual means of implementing the direction set by the Mayor and Council with the CIP. This CIP is submitted to you for your review, adjustment and approval.

CIP's should not be thought of as something separate from the regular budgeting process. The CIP review and update should simply precede the operating budget each year so that the next year's capital projects are the latest thinking possible. This process should follow the adoption of the operating budget each year. The first year of the updated CIP is then proposed for funding in the operating budget for the next year.

Capital Project Definition

A line must be drawn between the larger capital items which get included in the CIP (and then subsequently in the capital portion of the annual operating budget) and the smaller capital items which don't meet this definition. These small items are normally included in accounts referred to as minor capital items in the operating section of the annual operating budget. For the purposes of this CIP, *the definition of a capital project is any item or project which is expected to be \$10,000 or greater in cost and have a life expectancy of at least three years.* This may include certain large projects or funding set aside which is not traditionally thought of as capital in nature but also are not typically thought of as annual operating expenditures either. An example of this type of project are major city revaluation efforts which do not occur every year.

Capital Inventory

It is our goal to capture all the major public projects that are contemplated in the community in this CIP. Theoretically it is one place where one can go to see everything that is contemplated or proposed for the future. You can also see how it is proposed to be funded. The amounts listed for each project may not be hard estimates, but hopefully are generally in the correct order of magnitude. Estimates are firmed up over time. Occasionally unanticipated funding opportunities or unique circumstances may support a case for a project that is not anticipated in the CIP, however, this should be in a minority of circumstances.

City Funds

It is important to note that the City government is broken down financially into a number of separate funds. This CIP, therefore, is broken down into separate City Funds as well. The first and by far the largest of these funds is the General Fund. This Fund includes most of the operating Departments of the City including the School Department. The largest source of revenue to support this fund is the property tax along with education aid from the State which recognizes that Berlin is one of the most property poor municipalities in the state. Not surprisingly this Fund tends to receive the most attention at budget time.

The Sewer Fund, the Berlin Regional Airport, the Berlin Industrial Development and Park Authority (BIDPA), are all examples of separate funds which may have projects in the Six Year CIP and which are treated financially as if they are separate businesses from the General Fund. These other Funds normally have their own sources of revenue and are not generally supported by the property tax. If they run short of funds for some reason however, then it is likely that any deficit in these funds would have to be supported by the General Fund.

Organization and What City Departments Do

It is important for people both within and outside of the City government to understand how it is organized. It is also important for the City Council and citizenry to have an understanding of what services City Departments provide. The chart on the next page is an organization of the City government followed by listings of most of the services provided by the various Departments of the City.

Schools

- Educate children -- K-12
- Vocational education
- Special education
- High School has a high school component and vocational function.
- Operate transportation system w/ 8 buses
- Business management services
- Education, serves Berlin, Milan and small amount from Errol. About 140 from Milan in grades 7-12.
- Internal services with nursing services.
- Fields are maintained by Parks & Rec primarily used by the schools.
- Ice time from the arena, separate.
- Open the buildings for health related functions.
- Operate school sport functions
- Building Management for 6 buildings

Police Department

- Safety and security for the community
- Seek arrest and prosecution of offenders
- Juvenile efforts criminal and non-criminal efforts
- Crime prevention programs
 - Officer Friendly
 - bicycle safety
 - DARE, drugs
 - community policing
 - Neighborhood watch
 - Workplace violence
 - protection of the elderly
 - Business checks and home checks.
- Traffic & traffic control, accident investigation.
- Work with health department with issues.
- Work with snow removal efforts.
- Patrol officers keep streets safe.
- Do all animal control.
- Transporting for mental health.
- Investigate Fires with Fire Dept.
- Dispatch all emergency services, police, fire, ambulance, PWD, BWW, emergency management
- Make referrals on the weekend for welfare, for Berlin and Milan.
- Crossing guards and school safety and School Resource Officer (SRO).

Fire Department

- Provide fire suppression

- Fire prevention;
 - Code enforcement;
 - Building inspector
 - Life safety inspections
 - Plans review.
 - Meet with building owners, developers.
- Response services; mutual aid.
- Minimal Hazmat.
- Individuals trained in the department.
- Water rescue; oil spill in the river.
- High angle rescue with Mt. Forist in the boundaries.
- Fire investigations with PD and State Fire Marshall.
- Work with PWD.
- Incident data collections - need to report each incident.
- Training
- Rescue animals.
- Forestry permits
- Permits for alarm systems, sprinklers.
- Business management
- Emergency Management
 - Planning
 - Fund administration
 - Plan development
 - Publicity
 - Equipment
 - Assessment
 - Community resources
 - Training
 - Grants
 - Risk management
 - Committee development
 - Committee management
 - Emergency response
 - Networking
 - Publicity and education

Public Works Department

- Street maintenance
- Cleaning
- Traffic sign maintenance & installation
- Vehicle maintenance
- Street striping

- Storm sewer maintenance
- Sanitary sewer maintenance
- Snow removal
- Bridge maintenance
- Solid waste collection
- Closed landfill maintenance
- Building maintenance
- Fuel oil gasoline distribution
- Cemetery maintenance
- Election set up and break down
- Airport maintenance
- Special project construction
- Parks maintenance
- Maintenance, courthouse, library, city hall
- Assist with community events
- Business management
- Provide services for other departments
- Engineering & misc.
 - Construction inspection
 - Administer street opening contract
 - Administer various construction contract (road restoration, landfill closure, WWTP upgrades, sewer system upgrades)
 - Special project planning, administration constructions
 - Tendency to get involved with anything & everything
 - Record drawing depository
 - Subdivision site plan review
 - Minor construction surveying
 - Landfills post closure monitoring
 - Street addressing
 - Sewer abatement

Wastewater Treatment Plant

- Treatment plant and pump station operation and management
- EPA state permit
- Process control
- Sludge disposal
- Septage receiving and billing -
- Business management
- WWTP capital improvement plan

Cemeteries

- Trustees hire individual to do maintenance.
- City Clerk sells the lots on 4 cemeteries.

Airport

- Provides access to air service for this region
- Rental cars.
- Dispense fuel for air services
- Negotiate leases and provide information to flying public, pilots and tenants
- Airport is there for any emergency as well as search and rescue in the White Mountains.
- Business, recreation, tourism.
- Marketing
- Building and grounds maintenance
- Snow plowing in the winter.
- Interact and work with the State and FAA.

Library

- Provide books for children & adults; audio cassettes; videos; magazines; research material, CD's; newspapers,
- Services
- Internet access.
- Micro film readers, magnifying reader, reference,
- NHSL data bases,
- inter library loan,
- NHSL articles express, large spring books,
- NH state law books
- Reading corner, children's story hour and summer reading program.

Recreation

- Special event programming
- 4-season adult & youth programs
- Gym rental
- Special Olympics
- Transportation
- Interdepartmental programs
- Election location
- Emergency shelter
- Volunteer recognition
- Private facility
- Support outside athletic league
- Community support
- Business management

Community Services Group

Welfare Department:

- Administer public assistance;
- Make home visits as necessary.
- Assist people in applying for other assistance; work with other towns; awareness of laws;
- Workfare Program
- Recoup money where feasible;
- Maintain statistics; budget; payroll.
- External, work with other departments; work with health the most.
- Claimer of unclaimed bodies.
- Administer accounts receivable

Health Officer

- Animal Complaints
- Housing Complaints

Housing

- Disposition of tax deeded properties

City Clerk

- Vital records
- Issue marriage licenses
- Secretary to Mayor and Council
- Regular meeting agenda
- Minutes
- Research, maintain code updates
- Issue licenses for junk yards - \$25
- Taxi cab operator licenses - \$25
- Issue video licenses, \$10 per machine
- Vendor peddler license
- Hunting/fishing licenses
- Permits for road tolls, raffles; no money involved
- Parades, sidewalk sale gets permission.
- Record and file documents: articles of agreement kept on file for \$5
- New poles (PSNH, telephone) license fee set at \$10
- File contracts
- Wetland permits \$5
- File deeds, leases and agreements
- File UCC's.
- File tax liens and hospital lien, \$15.
- Administer oaths to new board members.

- Fish and game licenses
- Board or commission list if there is a vacancy.
- Oversee building maintenance for City Hall
- Coordinate elections.
- Maintain city cemeteries in coordination with Cemetery Trustees
- Register Voters
- Maintain Voter Checklists
- Supervise Election Staff (44)
- Genealogy Research
- Issue Birth Certificates
- Issue Death Certificates
- Monthly Reports to Division of Vital Records
- Monthly Fish & Game Report
- File/Vault Records for other City Departments
- Notarize Documents
- Weekly Account Reconciliation
- Sell Cemetery Lots
- Maintain Cemetery Records
- Secretary/bookkeeper to Cemetery Trustees
- Post and Record Minutes of Cemetery Trustee Meetings

Planning

- Land use planning
- Master plan
- Zoning ordinance
- Site plan/subdivision
- Planning board support
- Occasional ZBA support
- Community development planning
- Main Street Program, AVER, BIDPA (new) support
- Housing authority is another political subdivision and work closely together
- Work with neighborhood reinvestment committee.
- Zoning -- provide support as necessary; handle day to day zoning issues; contracted zoning officer 2 to 3 hours per week
- Grants, board training
- CIP

Finance

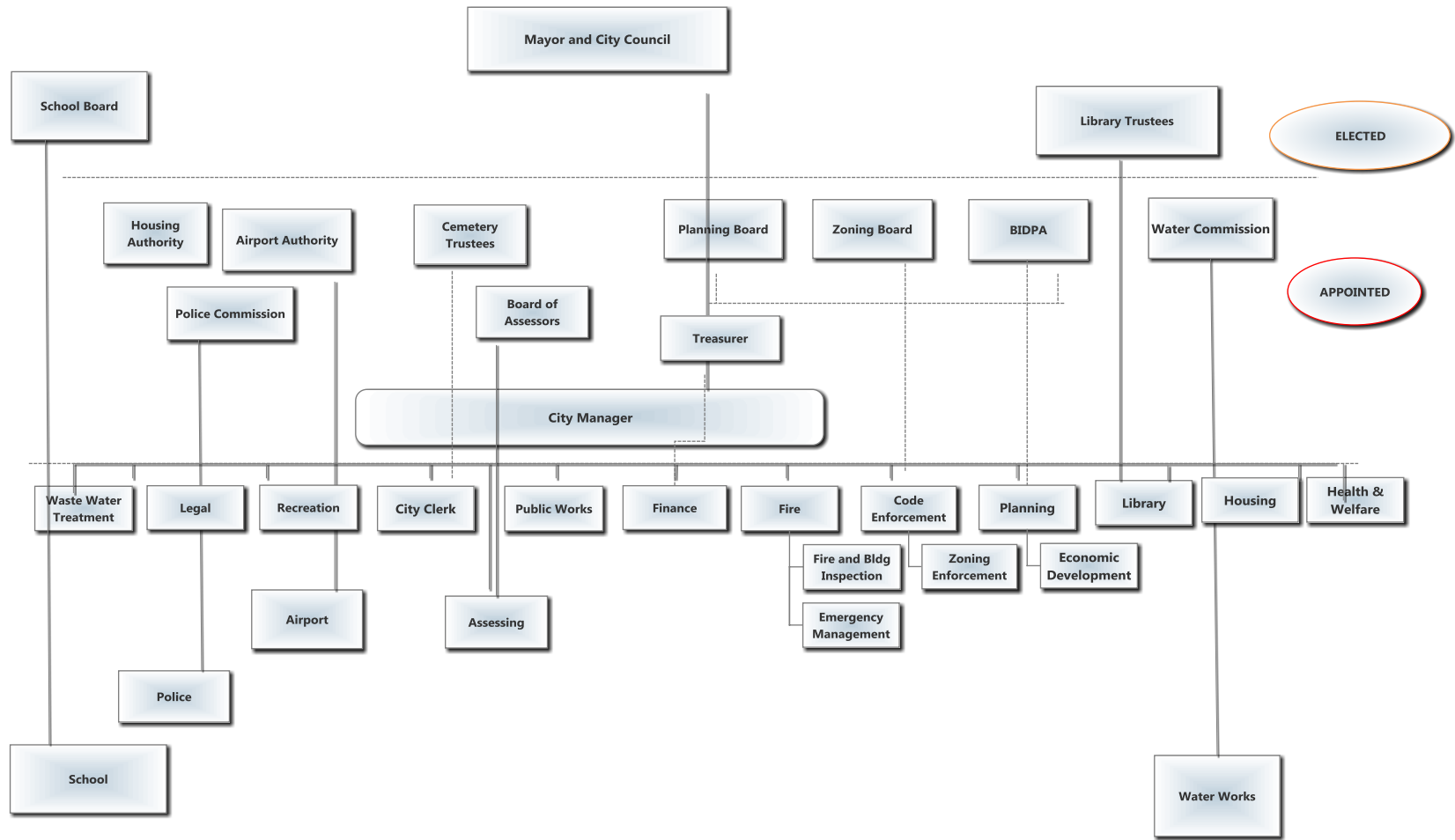
- Motor vehicle registrations
- Property tax billing and collection
- Sewer billing and collection
- Tax liens and tax deed takings
- Daily cash receipts; daily cash reconciliation and deposit.

- Dog licenses;
- Monthly reconciliation of accounts;
- Daily monthly and annual reports for state agencies, DRA, DMV.
- Requests for individual property tax information.
- Gasboy accounts; issue keys; process transactions; monthly billing (provide gas to non-profits, state, sheriffs)
- Central Services Internal Billing: telephone, photocopies, office supplies, postage
- Reconcile Financial statement to bank statement
- Process incoming and outgoing mail
- Bank daily deposits
- Enroll new employees
- Process and record payroll
- Federal and state reporting of payroll info
- Payroll/benefits
- Accounts payable
- HR record keeping and employee information
- Monthly financial reporting to council and department heads
- Acquire and manage the annual financial audit
- Prepare annual reporting to the DRA
- Prepare for tax rate setting
- Budgetary functions: monitor the budget, analyze accounts, identify problem area
- Long range revenue and expenditure forecasting
- Cash flow projections
- Manage capital assets in accordance with GASB34.
- Risk Management – acquire and manage city insurance
- Manage city investments
- Set and maintain financial standard and practices for all departments

Assessing

- Assess all City properties in accordance with State law
- Carry out regular field measuring, listing and update work
- Maintain assessing records
- Answer questions of the public
- Handle and process abatement requests
- Handle and process exemptions
- Support the Board of Assessors
- Assist Finance Dept. with tax rate setting
- Provide property information to other Depts.
- Interact with and make reports to the State
- Carry out revaluations and updates as necessary
- Coordinate contracted services

CITY OF BERLIN ORGANIZATIONAL CHART



— Line of Authority

- - - Indirect Authority, Appointed, Communication and/or Staff Support

CITY OF BERLIN									
2019-2024 Capital Improvement Program									
FY 2019 Projects									
	DEPT	PROJECT #	PROJECT TITLE	CITY	STATE	FEDERAL	BORROW	OTHER	TOTAL FUNDING
GENERAL FUND									
	ASSESSING	GF-1	Assessing Contract & Utility Valuation	45500					45500
	CITY CLERK	GF-2	City Hall Elevator	100000		900000			1000000
	FINANCE	GF-3	Work Stations	7,600					7,600
	FIRE	GF-4	Apparatus Floor Repairs	300,000					300,000
	FIRE	GF-6	Fire Dept Addition	450,000					450,000
	FIRE	GF-7	Fire Dept Ladder One Lease Purchase	200,000					200,000
	FIRE	GF-8	Engine One Replacement	93,000					93,000
	FIRE	GF-9	Demo & Repair of Spare Apparatus Bldg	50,000					50,000
	FIRE	GF-10	Protective Clothing Gear Extractor		98,000.00				98,000
	FIRE	GF-11	Engine Four Replacement	300,000					300,000
	FIRE	GF-12	Repair Program	30,000					30,000
	FIRE	GF-13	Handheld Radio Replacement			95,000.00			95,000
	HOUSING	GF-14	Housing Initiative	250,000					250,000
	LIBRARY	GF-15	Building Improvements	50,000					50,000
	PLANNING	GF-16	Street Light Conversion to LED	300,000					300,000
	PLANNING	GF17	Downtown Initiative	25,000					25,000
	PLANNING	GF-18	IT	35,000					35,000
	POLICE	GF-19	Police Cruisers	75,000					75,000
	POLICE	GF-20	Rifles	4,700					4,700
	POLICE	GF-21	Dispatch Desks	40,000					40,000
	POLICE	GF-22	Radios	19,050					19,050
	POLICE	GF-24	Utility Trailer Vehicle	17,000					17,000
	POLICE	GF-25	Replacment Windows	8,400					8,400
	POLICE	GF-26	Third Floor Renovations	20,643					20,643
	POLICE	GF-27	Paved Parking Area	42,000					42,000
	POLICE	GF-28	PD/REC Building Boiler	31,900					31,900
	POLICE	GF-29	Cruiser Laptop Computers	10,000					10,000
	POLICE	GF-30	Building Maintenance III	5,000					5,000
	POLICE	GF-31	Interview Room	15,000					15,000
	PWD	GF-36	Hutchins St. Lighting	16,000					16,000
	PWD	GF-37	Equipment Replacement	190,000					190,000
	PWD	GF-37.1	Street & Sidewalk Replacement	200,000					200,000
	PWD	GF-37.2	Retaining Wall Replacement	110,000					110,000
	PWD	GF-38	Public Works Garage Upgrade	120,000					120,000
	PWD	GF-39	Drain Line Replacement	160,000					160,000
	PWD	GF-40	Flood Mitigation	20,000					20,000
	PWD	GF-41	Loader Lease Purchase				82,000		82,000
	PWD	GF-42	Salt Sand Storage Shed	104,000					104,000
	PWD	GF-43	Downtown Snow Melt System	512,000					512,000
	RECREATION	GF-47	Equipment Replacement	40,000					40,000
	RECREATION	GF-48	Tennis Courts Reconstruction	110,000					110,000
	RECREATION	GF-49	Skate Park					75,000	75,000
	RECREATION	GF-50	Building Repairs	50,000					50,000
	SCHOOL	GF-51	BHS Road Development	250,000					250,000
	SCHOOL	GF-52	Masonry & Brick Repointing	36,000					36,000
	SCHOOL	GF-53	BHS Classroom Floors & Abatement					85,000	85,000
	SCHOOL	GF-54	Bus Replacement	90,000					90,000
	SCHOOL	GF-55	Hillside/BMS Restrooms	35,000					35,000
			Total General Fund	1,247,000			82,000	160,000	1,489,000
SEWER FUND									
	WWTP	SF-1	Cost Replacement	15400					15400
	WWTP	SF-2	Utility Mapping	10,000					10,000
	WWTP	SF-3	Sanitary Line Replacement	120,000					120,000
	WWTP	SF-4	Modernize Dead River Pump Station	190,000					190,000
	WWTP	SF-9	Modernize Pump Station Alarm System	3,000					3,000
	WWTP	SF-10	Install Uninterruptible Power Supply	36,500					36,500
	WWTP	SF-12	Replace Kubota Tractor	35,000					35,000
	WWTP	SF-13	Upgrade Control Panels Armory & DB	130,000					130,000
			Total Sewer Fund	539,900					539,900
AIRPORT FUND									
	AIRPORT	AI-3	Runway 18-36 Pavement Maintenance	20000	20000	400000			440000
		AI -5	Beacon Line Clearing/HVAC Terminal	10,000	10,000	180,000			200,000
				30,000	30,000	580,000			640,000
			Grand Total for FY 2019	1,816,900	30,000	580,000	82,000	160,000	2,668,900

CITY OF BERLIN									
2019-2024 Capital Improvement Program									
FY 2020 Projects									
	DEPT	PROJECT #	PROJECT TITLE	CITY	STATE	FEDERAL	BORROW	OTHER	TOTAL FUNDING
GENERAL FUND									
	FIRE	GF-7	Fire Dept Ladder One Lease Purchase	200,000					200,000
	FIRE	GF-8	Engine One Replacement	93,000					93,000
	FIRE	GF-11	Engine Four Replacement	300,000					300,000
	FIRE	GF-12	Repair Program	45,000					45,000
	HOUSING	GF-14	Housing Initiative	250,000					250,000
	LIBRARY	GF-15	Building Improvements	30,000					30,000
	PLANNING	GF-17	Downtown Initiative	25,000					25,000
	PLANNING	GF-18	IT	35,000					35,000
	POLICE	GF-19	Police Cruisers	78,000					78,000
	POLICE	GF-21	Dispatch Desks	40,000					40,000
	POLICE	GF-23	Ballistic Vests	12,500					12,500
	POLICE	GF-32	ATVs	30,000					30,000
	POLICE	GF-33	Body-Worn Cameras	22,000					22,000
	POLICE	GF-34	Leather Gear	4,500					4,500
	PWD	GF-36	Hutchins St. Lighting	16,000					16,000
	PWD	GF-37	Equipment Replacement	205,000					205,000
	PWD	GF-37.1	Street & Sidewalk Replacement	200,000					200,000
	PWD	GF-37.2	Retaining Wall Replacement	110,000					110,000
	PWD	GF-38	Public Works Garage Upgrade	120,000					120,000
	PWD	GF-39	Drain Line Replacement	180,000					180,000
	PWD	GF-41	Loader Lease Purchase				82,000		82,000
	PWD	GF-42	Salt Sand Storage Shed	104,000					104,000
	PWD	GF-43	Downtown Snow Melt System	500,000					500,000
	RECREATION	GF-47	Equipment Replacement	50,000					50,000
	RECREATION	GF-48	Tennis Courts Reconstruction	110,000					110,000
	RECREATION	GF-50	Building Repairs	35,000					35,000
	SCHOOL	GF-61	Hillside/BMS BHS Entrance Security	900,000					900,000
	SCHOOL	GF-64	Mini Vans, Utility Trucks	25,000					25,000
			Total General Fund	2,559,500			82,000		2,641,500
SEWER FUND									
				CITY	STATE	FEDERAL	BORROW	OTHER	TOTAL
	WWTP	SF-1	Cost Replacement	40700					40700
	WWTP	SF-2	Utility Mapping	10,000					10,000
	WWTP	SF-3	Sanitary Line Replacement	120,000					120,000
	WWTP	SF-4	Modernize Dead River Pump Station	375,000					375,000
	WWTP	SF-5	Modernize Devens St Pump Station	25,000					25,000
	WWTP	SF-6	Modernize Napert Village Pump St	20,000					20,000
	WWTP	SF-9	Modernize Pump Station Alarm System	41,500					41,500
	WWTP	SF-12	Replace Kubota Tractor	15,000					15,000
			Total Sewer Fund	647,200					647,200
	AIRPORT	AF-1	AV Fuel Storage/Beacon Clearing	24,737	24,737	395,792			445,266
		AF-6	Terminal Building Replacement	25,000	25,000	475,000			525,000
			Total Airport Fund	49,737	49,737	870,792			970,266
			Grand Total for FY 2020	3,256,437	49,737	870,792	82,000		4,258,966

CITY OF BERLIN									
2019-2024 Capital Improvement Program									
FY 2021 Projects									
	DEPT	PROJECT #	PROJECT TITLE	CITY	STATE	FEDERAL	BORROW	OTHER	TOTAL FUNDING
GENERAL FUND									
	FIRE	GF-5	Fire Chief's Vehicle	15,654					15,654
	FIRE	GF-6	Fire Dept Addition	4,671,450					4,671,450
	FIRE	GF-7	Fire Dept Ladder One Lease Purchase	200,000					200,000
	FIRE	GF-8	Engine One Replacement	93,000					93,000
	FIRE	GF-12	Repair Program	45,000					45,000
	HOUSING	GF-14	Housing Initiative	250,000					250,000
	LIBRARY	GF-15	Building Improvements	70,000					70,000
	PLANNING	GF-18	IT	35,000					35,000
	POLICE	GF-19	Police Cruisers	81,100					81,100
	POLICE	GF-22	Radios	24,050					24,050
	POLICE	GF-29	Cruiser Laptop Computers	15,000					15,000
	POLICE	GF-33	Body Worn Cameras	22,000					22,000
	POLICE	GF-34	Leather Gear	4,500					4,500
	PWD	GF-37	Equipment Replacement	205,000					205,000
	PWD	GF-37.1	Street & Sidewalk Replacement	200,000					200,000
	PWD	GF-37.2	Retaining Wall Replacement	110,000					110,000
	PWD	GF-38	Public Works Garage Upgrade	120,000					120,000
	PWD	GF-39	Drain Line Replacement	180,000					180,000
	PWD	GF-41	Loader Lease Purchase				82,000		82,000
	PWD	GF-42	Salt Sand Storage Shed	104,000					104,000
	PWD	GF-43	Downtown Snow Melt System	500,000					500,000
	RECREATION	GF-47	Equipment Replacement	35,000					35,000
	RECREATION	GF-50	Building Repairs	25,000					25,000
	SCHOOL	GF-53	BHS Classroom Floors & Abatement					85,000	85,000
	SCHOOL	GF-54	Bus Replacement	90,000					90,000
	SCHOOL	GF-55	Hillside/BMS Restrooms	35,000					35,000
	SCHOOL	GF-56	Fire Alarm System Replacement	50,000					50,000
	SCHOOL	GF-60	Hillside/Marston Fencing	45,000					45,000
			Total General Fund	7,225,754			82,000	85,000	7,392,754
SEWER FUND									
				CITY	STATE	FEDERAL	BORROW	OTHER	TOTAL
	WWTP	SF-1	Cost Replacement	50400					50400
	WWTP	SF-2	Utility Mapping	10,000					10,000
	WWTP	SF-3	Sanitary Line Replacement	120,000					120,000
	WWTP	SF-4	Modernize Dead River Pump Station	110,000					110,000
	WWTP	SF-7	Replace Boiler Admin Building	90,000					90,000
			Total Sewer Fund	380,400					380,400
AIRPORT FUND		AI-4	Ramp Expansion	12,500	12,500	225,000			250,000
				12,500	12,500	225,000			250,000
			Grand Total for FY 2021	7,618,654	12,500	225,000	82,000	85,000	8,023,154

CITY OF BERLIN									
2019-2024 Capital Improvement Program									
FY 2022 Projects									
	DEPT	PROJECT #	PROJECT TITLE	CITY	STATE	FEDERAL	BORROW	OTHER	TOTAL FUNDING
GENERAL FUND									
	FIRE	GF-5	Fire Chief's Vehicle	15654					
	FIRE	GF-7	Fire Dept Ladder One Lease Purchase	200,000					200,000
	FIRE	GF-8	Engine One Replacement	93,000					93,000
	FIRE	GF-12	Repair Program	45,000					45,000
	HOUSING	GF-14	Housing Initiative	250,000					250,000
	LIBRARY	GF-15	Building Improvements	70,000					70,000
	PLANNING	GF-18	IT	10,000					10,000
	POLICE	GF-19	Police Cruisers	84,300					84,300
	POLICE	GF-29	Cruiser Laptop Computers	10,000					10,000
	PWD	GF-37	Equipment Replacement	205,000					205,000
	PWD	GF-37.1	Street & Sidewalk Replacement	200,000					200,000
	PWD	GF-37.2	Retaining Wall Replacement	110,000					110,000
	PWD	GF-38	Public Works Garage Upgrade	120,000					120,000
	PWD	GF-39	Drain Line Replacement	180,000					180,000
	PWD	GF-41	Loader Lease Purchase				82,000		82,000
	PWD	GF-43	Downtown Snow Melt System	500,000					500,000
	RECREATION	GF-47	Equipment Replacement	35,000					35,000
	RECREATION	GF-50	Building Repairs	25,000					25,000
	SCHOOL	GF-58	BHS Science Classroom	1,200,000					1,200,000
	SCHOOL	GF-62	Masonry & Brick Repointing	85,000					85,000
	SCHOOL	GF-64	Mini Vans & Utility Truck	30,000					30,000
			Total General Fund	2,864,300			82,000		2,946,300
SEWER FUND									
				CITY	STATE	FEDERAL	BORROW	OTHER	TOTAL
	WWTP	SF-2	Utility Mapping	10,000					10,000
	WWTP	SF-3	Sanitary Line Replacement	120,000					120,000
	WWTP	SF-5	Modernize Devens St Pump Station	340,000					340,000
	WWTP	SF-6	Modernize Napert Village Pump St	105,000					105,000
	WWTP	SF-8	Replace Gravity Thickener Covers	111,000					111,000
	WWTP	SF-11	New Airline to Grit Chambers	32,500					32,500
			Total Sewer Fund	718,500					718,500
AIRPORT									
	AI-4		Ramp Expansion	50000	50000	1000000			1100000
				50000	50000	1000000			1100000
Grand Total for FY 2022									
				3,632,800	50,000	1,000,000	82,000		4,764,800

CITY OF BERLIN									
2019-2024 Capital Improvement Program									
FY 2023 Projects									
	DEPT	PROJECT #	PROJECT TITLE	CITY	STATE	FEDERAL	BORROW	OTHER	TOTAL FUNDING
GENERAL FUND									
	FIRE	GF-5	Fire Chief's Vehicle	17,654					17,654
	FIRE	GF-7	Fire Dept Ladder One Lease Purchase	200,000					200,000
	FIRE	GF-8	Engine One Replacement	99,000					99,000
	FIRE	GF-12	Repair Program	45,000					45,000
	HOUSING	GF-14	Housing Initiative	250,000					250,000
	PLANNING	GF-18	IT	15,000					15,000
	POLICE	GF-19	Police Cruisers	87,700					87,700
	PWD	GF-37	Equipment Replacement	205,000					205,000
	PWD	GF-37.1	Street & Sidewalk Replacement	200,000					200,000
	PWD	GF-37.2	Retaining Wall Replacement	110,000					110,000
	PWD	GF-38	Public Works Garage Upgrade	120,000					120,000
	PWD	GF-39	Drain Line Replacement	180,000					180,000
	PWD	GF-41	Loader Lease Purchase				82,000		82,000
	PWD	GF-43	Downtown Snow Melt System	500,000					500,000
	PWD	GF-45	Dead River Channel/Moxie Alley		195,000			705,000	900,000
	PWD	GF-46	Snowmobile Trails	15,000					15,000
	RECREATION	GF-50	Building Repairs	25,000					25,000
	SCHOOL	GF-53	BHS Classroom Floors & Abatement					85,000	85,000
	SCHOOL	GF-54	Bus Replacement	95,000					95,000
	SCHOOL	GF-57	Marston School Doors	15,000					15,000
SEWER FUND									
			Total General Fund	2,179,354	195,000		82,000	790,000	3,246,354
	WWTP	SF-2	Utility Mapping	5,000					5,000
	WWTP	SF-3	Sanitary Line Replacement	120,000					120,000
	WWTP	SF-5	Modernize Devens St Pump Station	155,000					155,000
	WWTP	SF-6	Modernize Napert Village Pump St	165,000					165,000
			Total Sewer Fund	445,000					445,000
			Grand Total for FY 2023	2,624,354	195,000		82,000	790,000	3,691,354

CITY OF BERLIN									
2019-2024 Capital Improvement Program									
FY 2024 Projects									
	DEPT	PROJECT #	PROJECT TITLE	CITY	STATE	FEDERAL	BORROW	OTHER	TOTAL
									FUNDING
GENERAL FUND									
	FIRE	GF-5	Fire Chief Vehicle	17,654					17,654
	FIRE	GF-8	Engine One Replacement	99,000					99,000
	FIRE	GF-12	Repair Program	45,000					45,000
	HOUSING	GF-14	Housing Initiative	200,000					200,000
	PLANNING	GF-18	IT	10,000					10,000
	POLICE	GF-19	Police Cruisers	91,200					91,200
	POLICE	GF-35	New Police Dept Facility	400,000			3,600,000		4,000,000
	PWD	GF-37	Equipment Replacement	205,000					205,000
	PWD	GF-37.1	Street & Sidewalk Replacement	200,000					200,000
	PWD	GF-37.2	Retaining Wall Replacement	110,000					110,000
	PWD	GF-38	Public Works Garage Upgrade	120,000					120,000
	PWD	GF-39	Drain Line Replacement	180,000					180,000
	PWD	GF-41	Loader Lease Purchase				82,000		82,000
	PWD	GF-43	Downtown Snow Melt System	500,000					500,000
	PWD	GF-44	Route 110 Sewer Extension	2,700,000					2,700,000
	PWD	GF-45	Dead River Channel/Moxie Alley					3,000,000	3,000,000
	PWD	GF-46	Snowmobile Trails			300,000			300,000
	RECREATION	GF-50	Building Repairs	27,500					27,500
	SCHOOL	GF-51	BHS Road Development	250,000					250,000
	SCHOOL	GF-59	BMS Chimney	50,000					50,000
	SCHOOL	GF-63	BMS Boiler	160,000					160,000
	SCHOOL	GF-64	Mini Vans & Utility Truck	55,000					55,000
			Total General Fund	5,420,354		300,000	3,682,000	3,000,000	12,402,354
SEWER FUND									
	WWTP	SF-2	Utility Mapping	5,000					5,000
	WWTP	SF-3	Sanitary Line Replacement	120,000					120,000
			Total Sewer Fund	125,000					125,000
	AIRPORT	AF-2	Master Plan Update	5,000	5,000	90,000			100,000
			Total Airport Fund	5,000	5,000	90,000			100,000
			Grand Total for FY 2024	5,550,354	5,000	390,000	3,682,000	3,000,000	12,627,354

CITY OF BERLIN, NH
2019 - 2024 CIP Project Description

GENERAL PROJECT DATA: Project Name: <u>Assessing Contract & Utility Valuation</u> Department: Location:	MASTER PLAN INFORMATION: Project listed in MP?	PROJECT NEED	PROJECT SCHEDULE	FY19	FY20	FY21	FY22	FY23	FY24
				1 2 3 4	1 2 3 4	1 2 3 4	1 2 3 4	1 2 3 4	1 2 3 4
		Mandate							
		Council Goal							
		Dept. Goal							

PROJECT DESCRIPTION, RATIONALE & OPERATING BUDGET IMPACT

DESCRIPTION: Keeping Assessing up to date in accordance with State Constitution

PRIORITY IN RELATION TO OTHER PROJECTS

HIGH ☒

MEDIUM ☐

LOW ☐

RATIONALE:

(Cost/Benefit, Need and/or Service Standard)

OPERATING BUDGET IMPACT:

FINANCIAL PLAN

	PRIOR	FY19	FY20	FY21	FY22	FY23	FY24	TOTAL
EXPENDITURES:								
Pre-Design								
Design								
Purch/Const.								
TOTAL								
FUNDING:								
Current Rev.		\$45,500				\$142,000		\$187,500
Seg. Funds								
Borrow								
Federal								
State								
Other								
TOTAL		\$45,500				\$142,000		\$187,500
OPERATING BUDGET IMPACT:								
Personnel								
Non-Personnel								
Capital								
TOTAL								



CITY OF BERLIN, NH

2019 - 2024 CIP Project Description

GENERAL PROJECT DATA: Project Name: <u>CITY HALL ELEVATOR/ROOF/HVAC</u> Department: Location: CITY HALL	MASTER PLAN INFORMATION: Project listed in MP? NO	PROJECT NEED	PROJECT SCHEDULE	FY19	FY20	FY21	FY22	FY23	FY24
				1 2 3 4	1 2 3 4	1 2 3 4	1 2 3 4	1 2 3 4	1 2 3 4
		Mandate							
		Council Goal							
		Dept. Goal							

PROJECT DESCRIPTION, RATIONALE & OPERATING BUDGET IMPACT

DESCRIPTION: City Hall Upgrades/Repairs/ Maintenance

Office Paint	\$ 22,000.00	Roof	\$ 75,000.00	Engineering & Design	\$ 55,000.00
Office Carpet	\$ 20,000.00	HVAC	\$ 150,000.00	Clock Tower Maint	\$ 20,000.00
Elevator	\$ 300,000.00	Windows	\$ 125,000.00	Misc-Stairs/Coping Etc	\$233,000.00

PRIORITY IN RELATION TO OTHER PROJECTS

 HIGH ☒

 MEDIUM ☐

 LOW ☐

RATIONALE: THE CURRENT CHAIRLIFT HAS A LIFE OF APPROXIMATELY 20 YEARS, IT HAS BEEN IN THE BUILDING FOR APPROXIMATELY 25 YEARS. ROOF IS AT THE END OF ITS LIFE CYCLE. HVAC - THE ENTIRE BUILDING'S HEATING SYSTEM IS RUN OFF OF ONE ZONE. SUMMER MONTHS BUILDING IS COOLED WITH NON-ENERGY EFFICIENT ANTIQUATED WINDOW UNITS. STAIRWELLS ARE IN NEED OF REPAIR AND CAULKING. BACK STAIRWELL IS SINKING AND CURRENTLY A SAFETY HAZARD. PAINT AND CARPET OFFICE SPACE INCLUDING FINANCE, CITY CLERK, PUBLIC WORKS, PLANNING AND CITY MANAGER.

OPERATING BUDGET IMPACT: Approx. \$1,000,000

FINANCIAL PLAN

	PRIOR	FY19	FY20	FY21	FY22	FY23	FY24	TOTAL
EXPENDITURES:								
Pre-Design		\$20,000						\$20,000
Design		35,000						35,000
Purch/Const.		945,000						945,000
TOTAL		\$1,000,000						\$1,000,000
FUNDING:								
Current Rev.		\$100,000						\$100,000
Seg. Funds								
Borrow								
Federal		\$900,000						900,000
State								
Other								
TOTAL		\$1,000,000						\$1,000,000
OPERATING BUDGET IMPACT:								
Personnel								
Non-Personnel								
Capital								
TOTAL								



CITY OF BERLIN, NH

2019 - 2024 CIP Project Description

<div>GENERAL PROJECT DATA:</div> <div>Project Name: <u>New Work Stations</u></div> <div>Department:</div> <div>Location:</div>	<div>MASTER PLAN INFORMATION:</div> <div>Project listed in MP? no</div>	PROJECT NEED		PROJECT SCHEDULE	FY19				FY20				FY21				FY22				FY23				FY24			
					1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4
		Mandate																										
		Council Goal																										
		Dept. Goal																										

PROJECT DESCRIPTION, RATIONALE & OPERATING BUDGET IMPACT

DESCRIPTION:

The works stations in the Finance Office are all old and outdated.

PRIORITY IN RELATION TO OTHER PROJECTS

HIGH ☐

MEDIUM ☐

LOW ☐

RATIONALE:

The new workstations would promote a more comfortable environment and lend to better organization.

OPERATING BUDGET IMPACT:

FINANCIAL PLAN								
	PRIOR	FY19	FY20	FY21	FY22	FY23	FY24	TOTAL
EXPENDITURES:								
Pre-Design								
Design								
Purch/Const.								
TOTAL								
FUNDING:								
Current Rev.		\$7,600						\$7,600
Seg. Funds								
Borrow								
Federal								
State								
Other								
TOTAL		\$7,600						\$7,600
OPERATING BUDGET IMPACT:								
Personnel								
Non-Personnel								
Capital								
TOTAL								



CITY OF BERLIN, NH 2019 - 2024 CIP Project Description																							
GENERAL PROJECT DATA: Project Name: <u>Apparatus Floor Repairs</u> Department: Fire Department Division: Public Safety Location: 263 Main Street				MASTER PLAN INFORMATION: Project listed in MP?				PROJECT NEED		PROJECT SCHEDULE		FY19		FY20		FY21		FY22		FY23		FY24	
												1 2 3 4		1 2 3 4		1 2 3 4		1 2 3 4		1 2 3 4		1 2 3 4	
								Mandate															
								Council Goal															
								Dept. Goal				x		x									

PROJECT DESCRIPTION, RATIONALE & OPERATING BUDGET IMPACT

DESCRIPTION: Replace concrete slabs, steel floor beams, and concrete foundation along the front of the building, reinforce the entire floor with additional beams and columns to support current equipment loads.

Install a new header for the window in the radio room.

RATIONALE: The work listed above is recommended by HEB Engineers (Structural Assesment Report Project#2015-059).

OPERATING BUDGET IMPACT:


PRIORITY IN RELATION TO OTHER PROJECTS

HIGH ☒


MEDIUM ☐

LOW ☐

FINANCIAL PLAN								
	PRIOR	FY19	FY20	FY21	FY22	FY23	FY24	TOTAL
EXPENDITURES:								
Pre-Design								
Design								
Purch/Const.		300,000.00						300,000.00
Land/Acquisition								
TOTAL		300,000.00						300,000.00
FUNDING:								
Current Rev.		300,000.00						300,000.00
Seg. Funds								
Borrow								
Federal								
State								
Other/User Fee								
TOTAL		300,000.00						300,000.00
OPERATING BUDGET IMPACT:								
Personnel								
Non-Personnel								
Capital								
TOTAL								



CITY OF BERLIN, NH																															
2019 - 2024 CIP Project Description																															
GENERAL PROJECT DATA: Project Name: <u>Fire Chiefs Vehicle Car One</u> Department: Fire Department Division: Public Safety Location: 263 Main Street					MASTER PLAN INFORMATION: Project listed in MP?					PROJECT NEED		PROJECT SCHEDULE		FY19			FY20			FY21			FY22			FY23			FY24		
														1 2 3 4			1 2 3 4			1 2 3 4			Y1 2 3 4			1 2 3 4			1 2 3 4		
										Mandate																					
										Council Goal																					
										Dept. Goal							x														
PROJECT DESCRIPTION, RATIONALE & OPERATING BUDGET IMPACT																															
DESCRIPTION: This project seeks to continue the CIP rolling stock replacement program for staff command vehicles. This request will replace the 2006 Chevy Tahoe command vehicle. Car one is scheduled to be replaced in 2022.															PRIORITY IN RELATION TO OTHER PROJECTS																
															HIGH <input type="checkbox"/>																
															MEDIUM <input type="checkbox"/>																
RATIONALE: The main use of this vehicle is responding to a number of different services in inclement weather conditions and adverse terrain conditions. Car One will have served its frontline life span at the time of replacement. As in the past, the replacement vehicle will be a four-wheel drive sport utility vehicle useful during wildfires and weather related emergency along with fires and large scale emergency management events. Cost includes emergency warning devices, radios, command console, lettering and related installation charges. The command vehicle provides vital communications and references resources necessary to effective incident command.															LOW <input checked="" type="checkbox"/>																
OPERATING BUDGET IMPACT:																															
FINANCIAL PLAN																															
PRIOR		FY19		FY20		FY21		FY22		FY23		FY24		TOTAL																	
EXPENDITURES:																															
Pre-Design																															
Design																															
Purch/Const.						15,654.00		15,654.00		17,654.00		17,654.00		66,616.00																	
Land/Acquisition																															
TOTAL						15,654.00		15,654.00		17,654.00		17,654.00		66,616.00																	
FUNDING:																															
Current Rev.						15,654.00		15,654.00		17,654.00		17,654.00		66,616.00																	
Seg. Funds																															
Borrow																															
Federal																															
State																															
Other/User Fee																															
TOTAL						15,654.00		15,654.00		17,654.00		17,654.00		66,616.00																	
OPERATING BUDGET IMPACT:																															
Personnel																															
Contingency																															
Capital																															
TOTAL																															



CITY OF BERLIN, NH
2019 - 2024 CIP Project Description

GENERAL PROJECT DATA:		MASTER PLAN INFORMATION: Project listed in MP?	PROJECT NEED	PROJECT SCHEDULE	FY19				FY20				FY21				FY22				FY23				FY24			
Project Name:	Fire Department Addition				1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4
Department:	Fire Department		Mandate																									
Division:	Public Safety		Council Goal																									
Location:	263 Main Street		Dept. Goal		x								x															

PROJECT DESCRIPTION, RATIONALE & OPERATING BUDGET IMPACT

DESCRIPTION: Project provides for the design, construction, of an addition to the current Fire Station. This addition will house four pieces of emergency equipment, training room, and all administrative offices including room for future expansion as needed.

PRIORITY IN RELATION TO OTHER PROJECTS

HIGH ☐

MEDIUM ☐

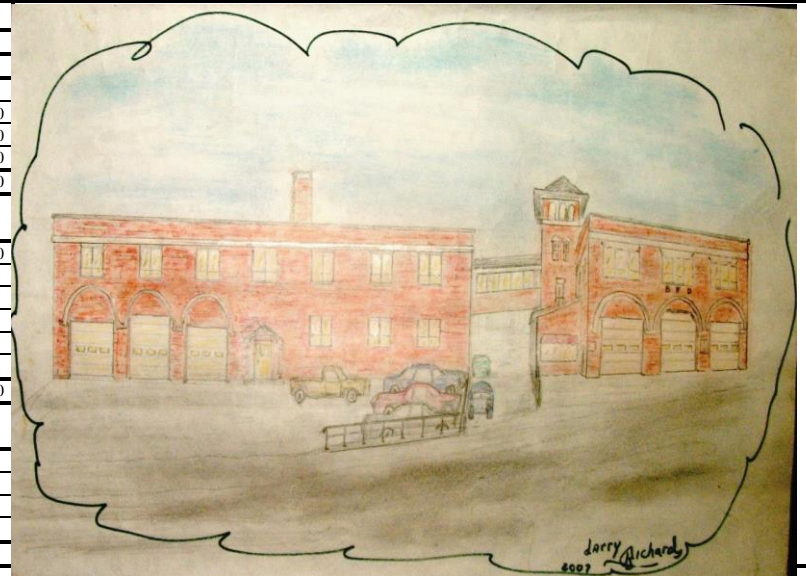
LOW ☐

RATIONALE: The Berlin Fire Station is an integral part of the fabric of the community we serve. The building we currently conduct service in is a 1905 building spanning 100 years of service and is 50 years overdue for a major update. ADA requires public access areas of a fire station be designed and configured to accommodate people with physical disabilities. The City's fire station cannot meet these requirements. The addition will be enhanced enough to support all administration needs and all public areas will comply with ADA. This building will be large enough to house Emergency Management and the Code Enforcement Department.

OPERATING BUDGET IMPACT:

FINANCIAL PLAN

	PRIOR	FY19	FY20	FY21	FY22	FY23	FY24	TOTAL
EXPENDITURES:								
Pre-Design								
Design		450,000.00						450,000.00
Purch/Const.				4,671,450.00				4,671,450.00
Land/Acquisition	60,000.00							60,000.00
TOTAL	60,000.00	450,000.00		4,671,450.00				5,181,450.00
FUNDING:								
Current Rev.		450,000.00		4,671,450.00				5,121,450.00
Seg. Funds								
Borrow								
Federal								
State								
Other								
TOTAL		450,000.00		4,671,450.00				5,121,450.00
OPERATING BUDGET IMPACT:								
Personnel								
Non-Personnel								
Capital								
TOTAL								



CITY OF BERLIN, NH
2019 - 2024 CIP Project Description

GENERAL PROJECT DATA:		MASTER PLAN INFORMATION: Project listed in MP?		PROJECT		PROJECT		FY19		FY20		FY21		FY22		FY23		FY24					
Project Name: <u>Lease to Purchase Ladder One</u>				NEED		SCHEDULE		1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4
Department: Fire Department				Mandate																			
Division: Public Safety				Council Goal																			
Location: 263 Main Street				Dept. Goal						x													

PROJECT DESCRIPTION, RATIONALE & OPERATING BUDGET IMPACT

DESCRIPTION: This includes the purchase of a new aerial apparatus and related firefighting equipment designed to meet NFPA Apparatus Standards.

PRIORITY IN RELATION TO OTHER PROJECTS

HIGH ☒

MEDIUM ☐

LOW ☐

RATIONALE: The service life of a ladder truck is twenty years. The City of Berlin fire department currently operates a 1995 LTI Simon Duplex 100' Aerial Truck. Short service life for emergency vehicles is directly related to repeated cycles of rapid acceleration and deceleration, hard turns and quick stops. When this vehicle is responding to an emergency, the average citizen only views this vehicle as a ladder truck. Contrary to common belief, the City of Berlin also utilizes the Ladder as a rescue rig. The Ladder Truck carries a commodity of equipment such as; firefighting tools, forcible entry tools, ventilation tools, high angle, confined space, collapse and vehicle extrication equipment. At twenty years of extreme demands on this vehicle, its reliability to safely provide service becomes questionable. In 2017 the Fire Department spent out of the operation budget \$29,000 just in repairs to this vehicle

OPERATING BUDGET IMPACT: Twenty year replacement plan- Eleven years over due. The Ladder Truck will need a considerable amount of body work and mechanical work in order to maintain in a safe working condition.
 City Manager over the past few years suggested lease to purchase.
 If at all possible the Fire Department will seek trade in credit.

Wheel wells on both sides Heavily corroded.

FINANCIAL PLAN								
	PRIOR	FY19	FY20	FY21	FY22	FY23	FY24	TOTAL
EXPENDITURES:								
Pre-Design								
Design								
Purch/ Lease		200,000.00	200,000.00	200,000.00	200,000.00	200,000.00		1,000,000.00
Land/Acquisition								
TOTAL		200,000.00	200,000.00	200,000.00	200,000.00	200,000.00		1,000,000.00
FUNDING:								
Current Rev.		200,000.00	200,000.00	200,000.00	200,000.00	200,000.00		1,000,000.00
Seg. Funds								
Borrow								
Federal								
State								
Other/User Fee								
TOTAL		200,000.00	200,000.00	200,000.00	200,000.00	200,000.00		1,000,000.00
OPERATING BUDGET IMPACT:								
Personnel								
Non-Personnel								
Capital								
TOTAL								



CITY OF BERLIN, NH
2019 - 2024 CIP Project Description

GENERAL PROJECT DATA:		MASTER PLAN INFORMATION:		PROJECT NEED				PROJECT SCHEDULE				FY19				FY20				FY21				FY22				FY23				FY24			
Project Name: <u>Engine One Replacement</u>		Project listed in MP?										1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4
Department: Fire Department																																			
Division: Public Safety																																			
Location: 263 Main Street												x				x				x				x				x				x			

PROJECT DESCRIPTION, RATIONALE & OPERATING BUDGET IMPACT

DESCRIPTION: This project seeks to continue the CIP rolling stock replacement program for large apparatus. This allocation will purchase a new custom pumper with a four person cab with a 1000 gallon water tank, 1,500 GPM pump, 10 gallon foam tank, foam system, inboard generator and funds to include set-up including radio, lettering, striping and equipment.

RATIONALE: In 2026 Engine One will be twenty years old and any year after twenty years Engine One will be beyond the pumper's front line expected service life.

The annual amounts assume a 5% annual inflation rate for major fire apparatus along with a 20 year useful life expectancy.

PRIORITY IN RELATION TO OTHER PROJECTS

HIGH ☐

MEDIUM ☒

LOW ☐

OPERATING BUDGET IMPACT: Twenty year replacement plan.

In 2026 Engine one will be at its useful life of 20 years as a frontline response apparatus and will need to be replaced at a cost of approximately 930,000.00.

FINANCIAL PLAN								
	PRIOR	FY19	FY20	FY21	FY22	FY23	FY24	TOTAL
EXPENDITURES:								
Pre-Design								
Design								
Purch/ Lease		93,000.00	93,000.00	93,000.00	93,000.00	99,000.00	99,000.00	
Land/Acquisition								
TOTAL		93,000.00	93,000.00	93,000.00	93,000.00	99,000.00	99,000.00	570,000.00
FUNDING:								
Current Rev.		93,000.00	93,000.00	93,000.00	93,000.00	99,000.00	99,000.00	
Seg. Funds								
Borrow								
Federal								
State								
Other/User Fee								
TOTAL		93,000.00	93,000.00	93,000.00	93,000.00	99,000.00	99,000.00	570,000.00
OPERATING BUDGET IMPACT:								
Personnel								
Non-Personnel		-	-					
Capital								
TOTAL								



CITY OF BERLIN, NH
2019 - 2024 CIP Project Description

GENERAL PROJECT DATA:		MASTER PLAN INFORMATION:		PROJECT	PROJECT	FY19	FY20	FY21	FY22	FY23	FY24
Project Name: <u>Demo and RepAir of Spare Apparatus Building</u>		Project listed in MP?		NEED	SCHEDULE	1 2 3 4	1 2 3 4	1 2 3 4	1 2 3 4	1 2 3 4	1 2 3 4
Department:	Fire Department			Mandate							
Division	Public Safety			Council Goal							
Location:	263 Main Street			Dept. Goal	x	x					

<u>PROJECT DESCRIPTION, RATIONALE & OPERATING BUDGET IMPACT</u>	
1	Project Description, Rationale & Operating Budget Impact

<p>DESCRIPTION: In 2004 the City purchased 255 Main Street in hopes to build an updated emergency service facility. 255 Main Street is located to the left of the main fire station and is currently utilized for storing major assets necessary for fire department operations. This request is to create a temporary solution and should only be utilized until a new facility can be built. Raise and remove the right side on the building and the second floor of the left side on the building leaving the brick garage area, install additional bay door and re-roof the remaining garage area.</p>	<p>PRIORITIZATION:</p>
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PRIORITY IN RELATION TO OTHER PROJECTS

HIGH X

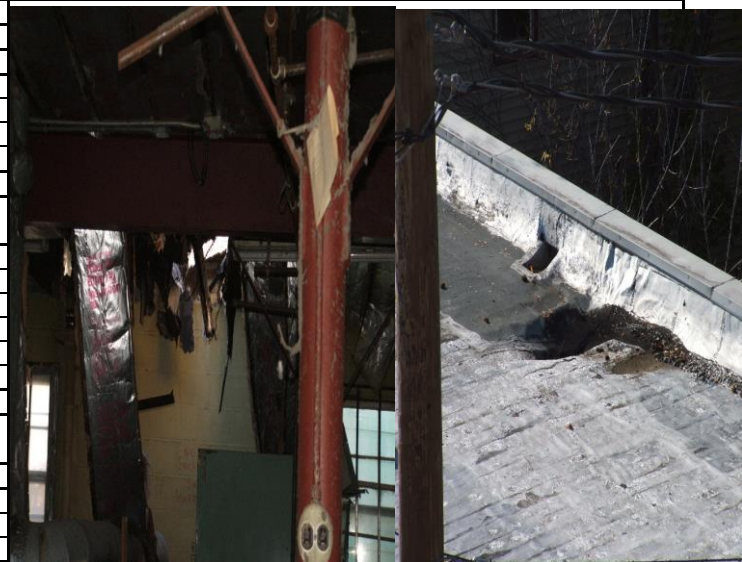
MEDIUM ☐


LOW ☐

RATIONALE: There is a hole in the roof approxmatley 3' by 3' towards the rear of the building. Second floor is collapsing as can be seen in the photo below. By definition the building located at 255 Main Street is a Hazardous Dilapidated Building.

OPERATING BUDGET IMPACT:

FINANCIAL PLAN								
	PRIOR	FY 19	FY20	FY21	FY22	FY23	FY24	TOTAL
EXPENDITURES:								
Pre-Design								
Design								
Purch/Const.		50,000.00						
Land/Acquisition								
TOTAL		50,000.00						50,000.00
FUNDING:								
Current Rev.		50,000.00						
Seg. Funds								
Borrow								
Federal								
State								
Other/User Fee								
TOTAL		50,000.00						50,000.00
OPERATING BUDGET IMPACT:								
Personnel								
Non-Personnel								
Capital								
TOTAL								



CITY OF BERLIN, NH																															
2019 - 2024 CIP Project Description																															
GENERAL PROJECT DATA: Project Name: Firefighter Protective Clothing Department: Fire Department Division: Public Safety Location: 263 Main Street					MASTER PLAN INFORMATION: Project listed in MP?					PROJECT NEED		PROJECT SCHEDULE		FY19			FY20			FY21			FY22			FY23			FY24		
														1 2 3 4			1 2 3 4			1 2 3 4			1 2 3 4			1 2 3 4			1 2 3 4		
										Mandate																					
										Council Goal																					
Dept. Goal				x																											
<p>PROJECT DESCRIPTION, RATIONALE & OPERATING BUDGET IMPACT</p> <p>DESCRIPTION: This includes the purchase of fire fighter protective clothing that meets the current NFPA requirements .</p> <p>RATIONALE: These funds have been requested to replace the protective clothing firefighters wear to protect themselves during fire combat operations. The replacement process is necessary since the outside (shell) material, while resistant to heat, disintegrates over time due to exposure to the ultraviolet rays of the sun. This disintegration, combined with normal wear and tear of the garments, weakens the fabric's ability to provide reliable protection for our firefighters. National Fire Protection requires the retirement of such protective clothing ten years from the manufactured date and our current protective clothing was manufactured in 2009.</p> <p>OPERATING BUDGET IMPACT:</p> <p>PRIORITY IN RELATION TO OTHER PROJECTS</p> <p>HIGH <input checked="" type="checkbox"/></p> <p>MEDIUM <input type="checkbox"/></p> <p>LOW <input type="checkbox"/></p>																															
FINANCIAL PLAN																															
		PRIOR	FY19	FY20	FY21	FY22	FY23	FY24	TOTAL																						
EXPENDITURES:																															
Pre-Design																															
Design																															
Purch/ Lease		98,000.00							98,000.00																						
Land/Acquisition																															
TOTAL		98,000.00							98,000.00																						
FUNDING:																															
Current Rev.																															
Seg. Funds																															
Borrow																															
Federal																															
State		98,000.00							98,000.00																						
Other/User Fee																															
TOTAL		98,000.00							98,000.00																						
OPERATING BUDGET IMPACT:																															
Personnel																															
Non-Personnel																															
Capital																															
TOTAL																															

CITY OF BERLIN, NH
2019 - 2024 CIP Project Description

GENERAL PROJECT DATA:		MASTER PLAN INFORMATION: Project listed in MP?	PROJECT NEED	PROJECT SCHEDULE	FY19				FY20				FY21				FY22				FY23				FY24			
Project Name:	<u>Engine Four Replacement</u>				1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4				
Department:	Fire Department		Mandate																									
Division:	Public Safety		Council Goal																									
Location:	263 Main Street		Dept. Goal						x																			

PROJECT DESCRIPTION, RATIONALE & OPERATING BUDGET IMPACT

DESCRIPTION: This request is to replace one front line pumper that has been first response to all incidents in the City of Berlin for 19 years.

PRIORITY IN RELATION TO OTHER PROJECTS

RATIONALE: The expected service life for a first line pumper is twenty years. The City of Berlin Fire Department currently operates as a first due response pumper a 1999 Freightliner, which in 2019 will be beyond its useful life as first due. Short service life is contributed to repeated cycles of rapid acceleration and deceleration, hard turns and quick stops. As of September 30, 2015 Engine four has been placed out of service due to cracks in the frame. The frame has been repaired and will not pass another inspection period and the service life shall not exceed 2019. The annual amounts assume a 5% annual inflation rate for major fire apparatus along with a 20 year useful life expectancy.

HIGH ☒

MEDIUM ☐

LOW ☐

OPERATING BUDGET IMPACT: Twenty year replacement plan.

In 2026 Engine one will be at its useful life of 20 years as a frontline response apparatus and will need to be replaced at a cost of approximately 930,000.00.

FINANCIAL PLAN

	PRIOR	FY19	FY20	FY21	FY22	FY23	FY24	TOTAL
EXPENDITURES:								
Pre-Design								
Design								
Purch/ Lease		300,000.00	300,000.00					600,000.00
Land/Acquisition								
TOTAL		300,000.00	300,000.00					600,000.00
FUNDING:								
Current Rev.		300,000.00	300,000.00					600,000.00
Seg. Funds								
Borrow								
Federal								
State								
Other/User Fee								
TOTAL		300,000.00	300,000.00					600,000.00
OPERATING BUDGET IMPACT:								
Personnel								
Non-Personnel								
Capital								
TOTAL								



CITY OF BERLIN, NH
2019 - 2024 CIP Project Description

GENERAL PROJECT DATA:				MASTER PLAN INFORMATION:				PROJECT NEED				PROJECT SCHEDULE				FY19				FY20				FY21				FY22				FY23				FY24			
Project Name: <u>Repair Program</u>				Project listed in MP?				Mandate				Council Goal				Dept. Goal																							
Department: Fire Department																																							
Division: Public Safety																																							
Location: 263 Main Street																																							

PROJECT DESCRIPTION, RATIONALE & OPERATING BUDGET IMPACT

DESCRIPTION: This proposal is to fund a maintenance program to update and repair the Central Fire Station.

PRIORITY IN RELATION TO OTHER PROJECTS

HIGH ☒

MEDIUM ☐

LOW ☐

RATIONALE: Built in 1905 the Berlin Fire Station is one of the City's oldest buildings. After years of neglect, numerous projects need to be completed. Interior painting. The foundation needs to be repaired in the front on the apparatus doors. Apparatus bay interior side of outside walls needs to be repointed as the mortar is falling out between the bricks. Thresholds in front of engine 1, ladder one, and engine 4 need to be repaired; cracks are starting to leak through to the basement. Priority should be given to replacing the windows as it stands we have windows that do not seal properly allowing heat to escape in the winter months increasing our heating fuel expense. Fiscal year 2019 serious consideration should be made to replace the 1985 roof on the central fire station and the hose tower roof that leaked substantially during the October 30, 2017 rain and wind storm

OPERATING BUDGET IMPACT The fire department received a quote of \$18,991.44 and using average industry labor cost for two laborers at 84 hours labor is estimated at \$7,500 added to the cost is a lift at \$1,900.00 for two weeks the total for just the window project is estimated at \$28,451.44.

FINANCIAL PLAN

	PRIOR	FY19	FY20	FY21	FY22	FY23	FY24	TOTAL
EXPENDITURES:								
Pre-Design								
Design								
Purch/Const.								
Land/Acquisition								
TOTAL								
FUNDING:								
Current Rev.		30,000.00	45,000.00	45,000.00	45,000.00	45,000.00	45,000.00	255,000.00
Seg. Funds								
Borrow								
Federal								
State								
Other/User Fee								
TOTAL		30,000.00	45,000.00	45,000.00	45,000.00	45,000.00	45,000.00	255,000.00
OPERATING BUDGET IMPACT:								
Personnel								
Non-Personnel								
Capital								
TOTAL								



CITY OF BERLIN, NH
2019 - 2024 CIP Project Description

GENERAL PROJECT DATA:		MASTER PLAN INFORMATION: Project listed in MP?	PROJECT NEED		PROJECT SCHEDULE	FY19				FY20				FY21				FY22				FY23				FY24			
Project Name: <u>Handheld Radio Replacement</u>			Mandate			1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4
Department: Fire Department			Council Goal																										
Division: Public Safety			Dept. Goal			x																							
Location: 263 Main Street																													

PROJECT DESCRIPTION, RATIONALE & OPERATING BUDGET IMPACT

DESCRIPTION: This includes the purchase of twenty six radios and reprogramming.

PRIORITY IN RELATION TO OTHER PROJECTS

RATIONALE: The current hand held radios in use by the fire department were purchased in 2004. We have recently learned that these radios will be discontinued with a two year serviceable life after being discontinued. Communication is a critical component for both firefighter safety, and emergency services.

HIGH ☒

MEDIUM ☐

LOW ☐

OPERATING BUDGET IMPACT:

FINANCIAL PLAN

	PRIOR	FY19	FY20	FY21	FY22	FY23	FY24	TOTAL
EXPENDITURES:								
Pre-Design								
Design								
Purch/ Lease		95,000.00						95,000.00
Land/Acquisition								
TOTAL		95,000.00						95,000.00
FUNDING:								
Current Rev.								
Seg. Funds								
Borrow								
Federal		95,000.00						95,000.00
State								
Other/User Fee								
TOTAL		95,000.00						95,000.00
OPERATING BUDGET IMPACT:								
Personnel								
Non-Personnel								
Capital								
TOTAL								



CITY OF BERLIN, NH
2019 - 2024 CIP Project Description

GENERAL PROJECT DATA: Project Name: Housing Initiative Department: Housing Location:	MASTER PLAN INFORMATION: Project listed in MP? Yes	PROJECT NEED	PROJECT SCHEDULE	FY19	FY19	FY20	FY21	FY22	FY23
				1 2 3 4	1 2 3 4	1 2 3 4	1 2 3 4	1 2 3 4	1 2 3 4
		Mandate							
		Council Goal		X X X X	X X X X	X X X X	X X X X	X X X X	X X X X
		Dept. Goal							

PROJECT DESCRIPTION, RATIONALE & OPERATING BUDGET IMPACT

DESCRIPTION:

Berlin continues its' targeted neighborhood approach to de-densification, addressing the demolition of blighted, tax-deeded properties for the improvement and rehabilitation of neighborhoods

HIGH

☒

RATIONALE:

(Cost/Benefit, Need and/or Service Standard)

Berlin experienced a record number of properties taken by tax deed in 2012-2015 (102) creating both a "challenge" and "opportunity", to further address those blighted properties that have a large

LOW

☐

To date, outstanding demolitions from this period remain unfunded at approximately \$450,000, with projected additional blighted properties obtained in each subsequent tax year at a cost of approximately \$150,000 per year.

The demolition of blighted properties and subsequent clean-up of neighborhoods continues to generate a positive social & economic impact for the city in 4 major areas:

1. The impact of removing blight and increasing lot size has contributed to greater neighborhood pride and improvement in existing homes and properties.
2. "Attraction" factor for new business and residents, contributing to economic growth in entrepreneurial pursuits and home-sales/tax base
3. Stabilization in the rental market: reduced #'s of units through demolition and improved housing stock through stricter code enforcement, has contributed to greater selectivity of tenants and increased rental prices.
4. This very "visible" commitment by the City toward improvement and growth has sent an overwhelming psychological message of optimism for the community. A concentrated push to continue clean-up of unsightly neighborhoods encourages re-investment in existing homes and attracts potential investors and businesses to invest and live in Berlin

We experienced a temporary decline in the number of Tax Deeded Properties in 2014 (13 properties) from the record highs in 2012 & 2013 (38 & 31 properties), but saw an increase in 2015 back to 20 properties that included many single-family residences. The 2016 list was again small with just 14 properties, many of which were vacant lots. The ongoing commitment of capital funds helps us address 3 major challenges:

1. The Decline of grant funding on both the state and federal level for Neighborhood Stabilization and Brownfields sites
2. The City of Berlin's aging housing stock, contributing to further abandonment of homes and properties obtained through tax deed & bank foreclosure
3. Increase in number of un-insured or under-insured "burned" or blighted properties left for the city to clean-up.

Housing will continue to seek all new grant funding and economic development opportunities, and work aggressively toward the resale of land and properties to responsible owners.

NSP I & III: Expend in 2013

ED1 : Expend in 2015

OPERATING BUDGET IMPACT:

FINANCIAL PLAN

	PRIOR	FY18	FY19	FY21	FY22	FY21	FY23	TOTAL
EXPENDITURES:								
Pre-Design								
Design								
Purch/Const.								
TOTAL								
FUNDING:								
Current Rev.		\$250,000	\$250,000	\$250,000	\$250,000	\$250,000	\$200,000	\$1,450,000
Seg. Funds								
Borrow								
Federal								
State								
Other								
TOTAL		\$250,000	\$250,000	\$250,000	\$250,000	\$250,000	\$200,000	\$1,450,000
OPERATING BUDGET IMPACT:								
Personnel								
Non-Personnel								
Capital								
TOTAL								



CITY OF BERLIN, NH

2019 - 2024 CIP Project Description

GENERAL PROJECT DATA:		MASTER PLAN INFORMATION: Project listed in MP?	PROJECT NEED	PROJECT SCHEDULE	FY19				FY20				FY21				FY22				FY23				FY24			
Project Name:	<u>LIBRARY BUILDING MAINTENANCE</u>				1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4
Department:	Library		Mandate																									
Location:	270 Main Street		Council Goal																									
			Dept. Goal																									

PROJECT DESCRIPTION, RATIONALE & OPERATING BUDGET IMPACT

DESCRIPTION:

Library Outside Brickwork and painting (additional funds added to finish Segregated Fund #01-495-995-3503 brickwork and painting and #01-495-0502 Library Exterior Paint)
 Replace deteriorating inside back wall of both departments - insulation, sheetrock, painting.
 Replace deteriorating windows - back wall and south corner windows in both departments

PRIORITY IN RELATION TO OTHER PROJECTS

HIGH ☒

MEDIUM ☐

RATIONALE:

More funds needed to complete project, specialized staging to work on riverbank at back of building.
 Back inside wall is deteriorating behind panelling, separating the panels and crumbling to the floor and in the stairwell
 and children's dept there are cracks and the paint is peeling off due to the moisture from the bricks of the back of the building.
 Windows are old, some glass blocks are cracked, sills are deteriorating, inefficient as heat escapes.

OPERATING BUDGET IMPACT:

FINANCIAL PLAN

	PRIOR	FY19	FY20	FY21	FY22	FY23	FY24	TOTAL
EXPENDITURES:								
Pre-Design								
Design		20,000						20,000
Purch/Const.		30,000	30,000	70,000	70,000			200,000
TOTAL		\$50,000	\$30,000	\$70,000	\$70,000			\$220,000

FUNDING:

Current Rev.		\$50,000	\$30,000	\$70,000	\$70,000			\$220,000
Seg. Funds								
Borrow								
Federal								
State								
Other								
TOTAL		\$50,000	\$30,000	\$70,000	\$70,000			\$220,000

OPERATING BUDGET IMPACT:

Personnel								
Non-Personnel								
Capital								
TOTAL								



CITY OF BERLIN, NH
2019 - 2024 CIP Project Description

GENERAL PROJECT DATA: Project Name: <u>Street Light Conversion to LED</u> Department: Planning/Public Works/City Manager Location: Throughout Berlin		MASTER PLAN INFORMATION: Project listed in MP? no		PROJECT NEED		PROJECT SCHEDULE				FY19				FY20				FY21				FY22				FY23				FY24			
						1 2 3 4				1 2 3 4				1 2 3 4				1 2 3 4				1 2 3 4				1 2 3 4							
				Mandate																													
				Council Goal	X																												
				Dept. Goal	X																												

PROJECT DESCRIPTION, RATIONALE & OPERATING BUDGET IMPACT

DESCRIPTION:

This project will change out the fixtures of the City of Berlin's approximately 935 street lighting poles. The fixtures will be swapped out from high pressure sodium fixtures to LED fixtures. The City will be eligible for rebates on each fixture from Eversource and save over \$50,000 per year in lighting costs.

PRIORITY IN RELATION TO OTHER PROJECTS

HIGH ☒

MEDIUM ☐

LOW ☐

RATIONALE:

(Cost/Benefit, Need and/or Service Standard)

Approximately one third of the cost will be returned back to the City in the form of a rebate from Eversource. After the project is paid for, the City will save over \$50,000 per year in street lighting costs.

OPERATING BUDGET IMPACT:

This will be a one time impact for the cost of the fixtures and the labor to install them.

FINANCIAL PLAN

	PRIOR	FY19	FY20	FY21	FY22	FY23	FY24	TOTAL
EXPENDITURES:								
Pre-Design								
Design								
Purch/Const.		300,000						300,000
TOTAL								
FUNDING:								
Current Rev.		\$300,000						
Seg. Funds								
Borrow								
Federal								
State								
Other		100,000	(rebate after installation)					
TOTAL		\$300,000						\$300,000
OPERATING BUDGET IMPACT:								
Personnel								
Non-Personnel								
Capital		300,000						
								300,000
TOTAL								



CITY OF BERLIN, NH
2019 - 2024 CIP Project Description

GENERAL PROJECT DATA:		MASTER PLAN INFORMATION: Project listed in MP? yes	PROJECT NEED		PROJECT SCHEDULE				FY19				FY20				FY21				FY22				FY23				FY24			
Project Name: <u>Moving Downtown Forward</u>						1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4			
Department: Planning/Berlin Main Street Program			Mandate																													
Location: Downtown Berlin			Council Goal	X																												
			Dept. Goal	X																												

PROJECT DESCRIPTION, RATIONALE & OPERATING BUDGET IMPACT

DESCRIPTION:

One of the most critical implementation items from the City's Master Plan was the need for improvement to the City's Downtown. In 2011 the City hired HEB to look at both the economics of downtown & the design of our downtown. Along with partners, PSNH & the Berlin Main Street Program the project will yield a series of improvements for downtown complete with cost estimates, time frames, and responsible parties.

RATIONALE:

(Cost/Benefit, Need and/or Service Standard)

There is a great need to focus on the City's core - downtown as a gathering place for the community with attention from both the public and private sectors. In order to secure federal and private foundation funds, leverage will be needed.

PRIORITY IN RELATION TO OTHER PROJECTS

HIGH ☒

MEDIUM ☐

LOW ☐

OPERATING BUDGET IMPACT:

First few years will be projects that are relatively low cost and quick to implement while seeking large funding sources for big projects.

Time is also spent seeking private investors to do projects downtown which has been successful in the early stages with the renovation of 97 Main Street and the potential for a hotel in upper Downtown.

FINANCIAL PLAN								
	PRIOR	FY19	FY20	FY21	FY22	FY23	FY24	TOTAL
EXPENDITURES:								
Pre-Design								
Design								
Purch/Const.		25,000	25,000					50,000
TOTAL		25,000						\$50,000
FUNDING:								
Current Rev.		\$25,000	\$25,000					\$50,000
Seg. Funds	55,000							55,000
Borrow								
Federal								
State								
Other								
TOTAL	\$55,000	\$25,000	\$25,000					\$105,000
OPERATING BUDGET IMPACT:								
Personnel								
Non-Personnel								
Capital	55,000	25,000	25,000					105,000
TOTAL	\$55,000	\$25,000	\$25,000					\$105,000



CITY OF BERLIN, NH

2019 - 2024 CIP Project Description

GENERAL PROJECT DATA: Project Name: <u>IT Initiative</u> Department: Planning Location:		MASTER PLAN INFORMATION: Project listed in MP?		PROJECT NEED	PROJECT SCHEDULE	FY19				FY20				FY21				FY22				FY23				FY24			
						1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4				
				Mandate																									
				Council Goal																									
				Dept. Goal		X X X X				X X X X				X X X X				X X X X				X X X X				X X X X			

PROJECT DESCRIPTION, RATIONALE & OPERATING BUDGET IMPACT

DESCRIPTION:

This initiative will also continue work started in FY 2015 to standardize systems establish inter-office operability and data sharing capabilities.

PRIORITY IN RELATION TO OTHER PROJECTS

HIGH ☒

MEDIUM ☐

LOW ☐

RATIONALE:

(Cost/Benefit, Need and/or Service Standard)

This will reduce duplicity of efforts and establish greater communication between departments including the Police Department.

OPERATING BUDGET IMPACT:

The maintenance costs are reflected in the operating budget. These are the capital lease costs associated with the project.

FINANCIAL PLAN

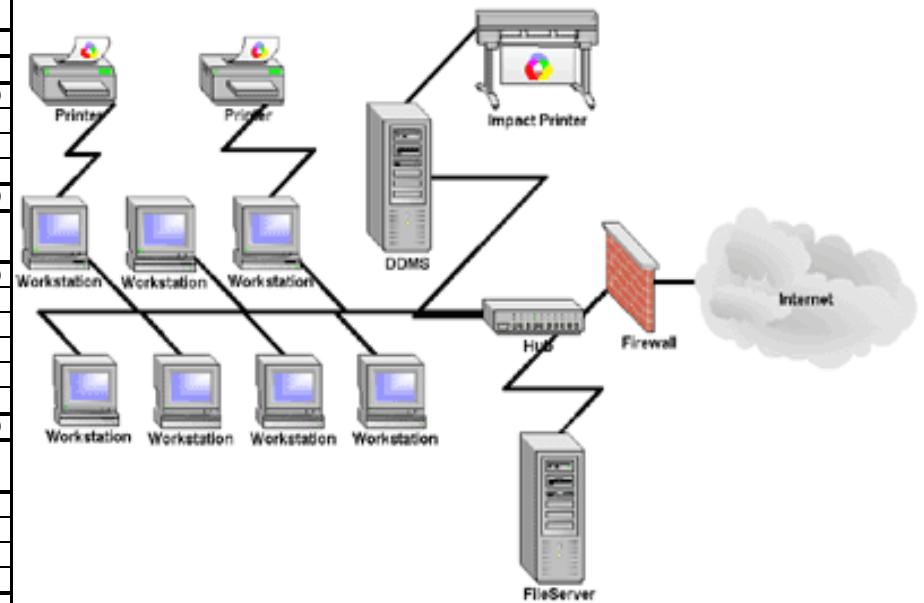
	PRIOR	FY19	FY20	FY21	FY22	FY23	FY24	TOTAL
EXPENDITURES:								
Pre-Design		\$35,000	\$35,000	\$35,000	\$10,000	\$15,000	\$10,000	\$140,000
Design								
Purch/Const.								
TOTAL		\$35,000	\$35,000	\$35,000	\$10,000	\$15,000	\$10,000	\$140,000

FUNDING:

Current Rev.		\$35,000	\$35,000	\$35,000	\$10,000	\$15,000	\$10,000	\$140,000
Seg. Funds								
Borrow								
Federal								
State								
Other								
TOTAL		\$35,000	\$35,000	\$35,000	\$10,000	\$15,000	\$10,000	\$140,000

OPERATING BUDGET IMPACT:

Personnel								
Non-Personnel								
Capital								
TOTAL								



CITY OF BERLIN, NH
2019 - 2024 CIP Project Description

GENERAL PROJECT DATA: Project Name: Police Cruisers Department: Police Location:	MASTER PLAN INFORMATION: Project listed in MP? No.	PROJECT NEED		PROJECT SCHEDULE	FY19				FY20				FY21				FY22				FY23				FY24			
					1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4				
		Mandate																										
		Council Goal																										
		Dept. Goal	X			X		X		X		X		X		X		X		X		X		X				

PROJECT DESCRIPTION, RATIONALE & OPERATING BUDGET IMPACT

DESCRIPTION: Two police cruisers per year. Police vehicles are a very important aspect of police service, in being able to provide timely assistance to citizens. The Police Department has an established replacement plan which allows for maximum vehicle use and reduced down time, increasing Department efficiency, as well as rendering cost savings for other City departments.

PRIORITY IN RELATION TO OTHER PROJECTS

HIGH ☒

MEDIUM ☐

LOW ☐

RATIONALE: The Police Department follows a fleet rotation schedule, to obtain maximum life for each cruiser. Cars 2 and 6 are **always the main fleet vehicles and receive the most mileage. Newly purchased cruisers are designated as unmarked travel cars,** replacing cars 1 & 4, which are lettered to replace cars 5 & 7, which replace cars 2 & 6 (the main fleet vehicles), which replace cars 3 & 8, which are then turned over to other City departments. By using this rotation schedule, the vehicles operate on a scale of low to high-mileage use, then back to low-mileage use. Vehicles are removed from operation as emergency vehicles at the end of the cycle, for obvious liability concerns. This schedule guarantees that some serviceability remains for the cruisers to be turned over **to other City departments, for additional use.**

OPERATING BUDGET IMPACT:

None. Without new cruisers, however, the vehicle maintenance line item would be substantially impacted.

FINANCIAL PLAN								
	PRIOR	FY19	FY20	FY21	FY22	FY23	FY24	TOTAL
EXPENDITURES:								
Pre-Design								
Design								
Purch/Const.								
TOTAL								
FUNDING:								
Current Rev.	\$34,200	\$75,000	\$78,000	\$81,100	\$84,300	\$87,700	\$91,200	\$497,300
Seg. Funds								
Borrow								
Federal								
State								
Other								
TOTAL	\$34,200	\$75,000	\$78,000	\$81,100	\$84,300	\$87,700	\$91,200	\$497,300
OPERATING BUDGET IMPACT:								
Personnel								
Non-Personnel								
Capital								
TOTAL								



CITY OF BERLIN, NH
2019 - 2024 CIP Project Description

GENERAL PROJECT DATA:		MASTER PLAN INFORMATION: Project listed in MP? No.	PROJECT	PROJECT	FY19				FY20				FY21				FY22				FY23				FY24			
Project Name: <u>Rifles</u>			NEED	SCHEDULE	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4
Department: Police Department			Mandate																									
			Council Goal																									
Location:			Dept. Goal	X	X																							

PROJECT DESCRIPTION, RATIONALE & OPERATING BUDGET IMPACT

DESCRIPTION: Replacement Rifle

RATIONALE: The majority of rifles were replaced with last year's funding. This request will allow for one replacement.

OPERATING BUDGET IMPACT:

PRIORITY IN RELATION TO OTHER PROJECTS

HIGH ☒

MEDIUM ☐

LOW ☐

FINANCIAL PLAN								
	PRIOR	FY19	FY20	FY21	FY22	FY23	FY24	TOTAL
EXPENDITURES:								
Pre-Design								
Design								
Purch/Const.								
TOTAL								
FUNDING:								
Current Rev.	\$10,000	\$4,700						\$14,700
Seg. Funds								
Borrow								
Federal								
State								
Other								
TOTAL	\$10,000	\$4,700						\$14,700
OPERATING BUDGET IMPACT:								
Personnel								
Non-Personnel								
Capital								
TOTAL								



CITY OF BERLIN, NH
2019 - 2024 CIP Project Description

GENERAL PROJECT DATA: Project Name: <u>Dispatch Desks</u>	MASTER PLAN INFORMATION: Project listed in MP? No.	PROJECT NEED		PROJECT SCHEDULE				FY19				FY20				FY21				FY22				FY23				FY24			
								1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4
		Mandate																													
		Council Goal																													
		Dept. Goal		X				X																							

Location:

PROJECT DESCRIPTION, RATIONALE & OPERATING BUDGET IMPACT

DESCRIPTION: Two replacement desks for the dispatch center.

PRIORITY IN RELATION TO OTHER PROJECTS

RATIONALE: Responsiveness is critical to the effectiveness of a communications center. The current dispatch desks were installed in 2003 and have reached the end of their useful life. These are not typical "desks," they are **specific to communications' 24-hour use. They are ergonomically designed to counter the demands of shift work, providing fast and easy adjustments to vertical and horizontal positions of workstations and monitors. Work surfaces and monitors are adjustable to accommodate each individual user's focal distance, in order to achieve maximum visual acuity. Configurations provide ready-access to all technology and storage, and large cable infeeds and connection ports are easy to manage and provide maximum accessibility for IT personnel.**

HIGH ☒

MEDIUM ☐

LOW ☐

OPERATING BUDGET IMPACT:

FINANCIAL PLAN								
	PRIOR	FY19	FY20	FY21	FY22	FY23	FY24	TOTAL
EXPENDITURES:								
Pre-Design								
Design								
Purch/Const.								
Total								
FUNDING:								
Current Rev.		\$40,000						\$40,000
Seg. Funds								
Borrow								
Federal								
State								
Other								
TOTAL		\$40,000						\$40,000
OPERATING BUDGET IMPACT:								
Personnel								
Non-Personnel								
Capital								
TOTAL								



CITY OF BERLIN, NH
2019 - 2024 CIP Project Description

GENERAL PROJECT DATA: Project Name: <u> Radios </u> Department: Police Location:	MASTER PLAN INFORMATION: Project listed in MP? No.	PROJECT	PROJECT	FY19				FY20				FY21				FY22				FY23				FY24			
		NEED	SCHEDULE	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4
		Mandate																									
		Council Goal																									
		Dept. Goal	X			X						X															

PROJECT DESCRIPTION, RATIONALE & OPERATING BUDGET IMPACT

DESCRIPTION: Portable radios at \$3,700 each.

PRIORITY IN RELATION TO OTHER PROJECTS

HIGH ☒

MEDIUM ☐

LOW ☐

RATIONALE: The life expectancy of portable radios is seven years. One half of our radios will have met their life expectancy, and will be in need of replacement.

OPERATING BUDGET IMPACT:

FINANCIAL PLAN								
	PRIOR	FY19	FY20	FY21	FY22	FY23	FY24	TOTAL
EXPENDITURES:								
Pre-Design								
Design								
Purch/Const.								
TOTAL								
FUNDING:								
Current Rev.	\$5,000	\$19,050		\$24,050				\$48,100
Seg. Funds								
Borrow								
Federal								
State								
Other								
TOTAL	\$5,000	\$19,050		\$24,050				\$48,100
OPERATING BUDGET IMPACT:								
Personnel								
Non-Personnel								
Capital								
TOTAL								



CITY OF BERLIN, NH
2019 - 2024 CIP Project Description

GENERAL PROJECT DATA: Project Name: <u>Ballistic Vests</u> Department: Police Location:	MASTER PLAN INFORMATION: Project listed in MP? No.	PROJECT NEED	PROJECT SCHEDULE	FY19				FY20				FY21				FY22				FY23				FY24			
				1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4				
		Mandate																									
		Council Goal																									
		Dept. Goal	X					X																			

PROJECT DESCRIPTION, RATIONALE & OPERATING BUDGET IMPACT

DESCRIPTION: Ballistic Vests

PRIORITY IN RELATION TO OTHER PROJECTS

HIGH ☒

MEDIUM ☐

LOW ☐

RATIONALE: Ballistic vests are required, due to the risks associated with police work. The life expectancy of a ballistic vest is five years. Some of the Department's vests will reach the end of their life expectancy in 2016. This plan will establish a schedule to gradually replace all vests. 6 patrol vests @ \$750 each and 4 heavy duty tactical vests @ \$2,000 each. We will seek funding to cover one-half the cost.

OPERATING BUDGET IMPACT:

FINANCIAL PLAN

	PRIOR	FY19	FY20	FY21	FY22	FY23	FY24	TOTAL
EXPENDITURES:								
Pre-Design								
Design								
Purch/Const.								
TOTAL								
FUNDING:								
Current Rev.	\$12,500		\$12,500					\$25,000
Seg. Funds								
Borrow								
Federal								
State								
Other								
TOTAL	\$12,500		\$12,500					\$25,000
OPERATING BUDGET IMPACT:								
Personnel								
Non-Personnel								
Capital								
TOTAL								



CITY OF BERLIN, NH
2019 - 2024 CIP Project Description

GENERAL PROJECT DATA: Project Name: <u>Utility Trailer Vehicle</u> Department: Police Location:	MASTER PLAN INFORMATION: Project listed in MP? No.	PROJECT NEED		PROJECT SCHEDULE				FY19				FY20				FY21				FY22				FY23				FY24			
								1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4
		Mandate																													
		Council Goal																													
		Dept. Goal		X				X																							

PROJECT DESCRIPTION, RATIONALE & OPERATING BUDGET IMPACT

DESCRIPTION: Utility Trailer Vehicle

PRIORITY IN RELATION TO OTHER PROJECTS

HIGH ☒

MEDIUM ☐

LOW ☐

RATIONALE: An enclosed vehicle that will be used to monitor the ATV park and trail system to enforce all laws and be used for emergency rescue.

OPERATING BUDGET IMPACT:

FINANCIAL PLAN								
	PRIOR	FY19	FY20	FY21	FY22	FY23	FY24	TOTAL
EXPENDITURES:								
Pre-Design								
Design								
Purch/Const.								
TOTAL								
FUNDING:								
Current Rev.		\$17,000						\$17,000
Seg. Funds								
Borrow								
Federal								
State								
Other								
TOTAL		\$17,000						\$17,000
OPERATING BUDGET IMPACT:								
Personnel								
Non-Personnel								
Capital								
TOTAL								



CITY OF BERLIN, NH
2019 - 2024 CIP Project Description

GENERAL PROJECT DATA:		MASTER PLAN INFORMATION: Project listed in MP? No.	PROJECT NEED	PROJECT SCHEDULE	FY19				FY20				FY21				FY22				FY23				FY24			
Project Name: <u>Replacement Windows</u> Department: Police Location:					1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4
			Mandate																									
			Council Goal																									
			Dept. Goal	X			X																					

Location:

PROJECT DESCRIPTION, RATIONALE & OPERATING BUDGET IMPACT

DESCRIPTION: Replacement Windows

PRIORITY IN RELATION TO OTHER PROJECTS

HIGH ☐

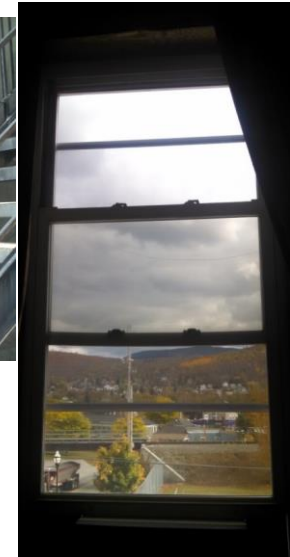
MEDIUM ☒

LOW ☐

RATIONALE: The current windows are old and drafty; space heaters are used and are not cost-effective. Last year's funding covered six replacement windows. This request is for the remaining 14 windows at \$600 each.

OPERATING BUDGET IMPACT:

FINANCIAL PLAN								
	PRIOR	FY19	FY20	FY21	FY22	FY23	FY24	TOTAL
EXPENDITURES:								
Pre-Design								
Design								
Purch/Const.								
TOTAL								
FUNDING:								
Current Rev.	\$5,000	\$8,400						\$13,400
Seg. Funds								
Borrow								
Federal								
State								
Other								
TOTAL	\$5,000	\$8,400						\$13,400
OPERATING BUDGET IMPACT:								
Personnel								
Non-Personnel								
Capital								
TOTAL								



CITY OF BERLIN, NH
2019 - 2024 CIP Project Description

GENERAL PROJECT DATA:		MASTER PLAN INFORMATION:		PROJECT	PROJECT	FY19				FY20				FY21				FY22				FY23				FY24			
Project Name: <u>THIRD FLOOR RENOVATIONS</u>		Project listed in MP? No.		NEED	SCHEDULE	1 2 3 4				1 2 3 4				1 2 3 4				1 2 3 4				1 2 3 4				1 2 3 4			
Department: Police				Mandate																									
				Council Goal																									
Location:				Dept. Goal	X	X																							

PROJECT DESCRIPTION, RATIONALE & OPERATING BUDGET IMPACT

DESCRIPTION: Third Floor Renovations

PRIORITY IN RELATION TO OTHER PROJECTS

HIGH ☐

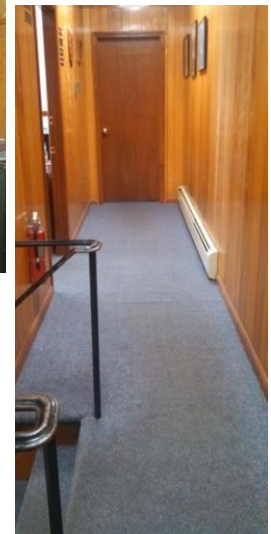
MEDIUM ☒

LOW ☐

RATIONALE: Replace third floor soiled, rippled carpeting and ceiling tiles, paint walls in offices, conference room, and storage room.

OPERATING BUDGET IMPACT:

FINANCIAL PLAN								
	PRIOR	FY19	FY20	FY21	FY22	FY23	FY24	TOTAL
EXPENDITURES:								
Pre-Design								
Design								
Purch/Const.								
TOTAL								
FUNDING:								
Current Rev.		\$20,643						\$20,643
Seg. Funds								
Borrow								
Federal								
State								
Other								
TOTAL		\$20,643						\$20,643
OPERATING BUDGET IMPACT:								
Personnel								
Non-Personnel								
Capital								
TOTAL								



CITY OF BERLIN, NH
2019 - 2024 CIP Project Description

GENERAL PROJECT DATA: Project Name: <u>Paved Parking Area</u> Department: Police Location:	MASTER PLAN INFORMATION: Project listed in MP? No.	PROJECT	PROJECT	FY19				FY20				FY21				FY22				FY23				FY24			
		NEED	SCHEDULE	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4
		Mandate																									
		Council Goal																									
		Dept. Goal	X			X																					

PROJECT DESCRIPTION, RATIONALE & OPERATING BUDGET IMPACT

DESCRIPTION: Paved parking area.

PRIORITY IN RELATION TO OTHER PROJECTS

HIGH ☒

MEDIUM ☐

LOW ☐

RATIONALE: The area abutting the Gilbert Street Park is designated for police, employee, and Recreation Department vehicles. The pavement continues to erode into the park and is in need of being raised to street level; this will aid the snow removal process and prevent further erosion and run-off into the park. This item was previously considered as a CIP from 2005 through 2011 but was removed in anticipation of the area being dug-up and repaved by the BWW; this never occurred.

OPERATING BUDGET IMPACT:

FINANCIAL PLAN								
	PRIOR	FY19	FY20	FY21	FY22	FY23	FY24	TOTAL
EXPENDITURES:								
Pre-Design								
Design								
Purch/Const.								
TOTAL								
FUNDING:								
Current Rev.		\$42,000						\$42,000
Seg. Funds								
Borrow								
Federal								
State								
Other								
TOTAL		\$42,000						\$42,000
OPERATING BUDGET IMPACT:								
Personnel								
Non-Personnel								
Capital								
TOTAL								



CITY OF BERLIN, NH
2019 - 2024 CIP Project Description

GENERAL PROJECT DATA:		MASTER PLAN INFORMATION: Project listed in MP? No.	PROJECT NEED	PROJECT SCHEDULE	FY19				FY20				FY21				FY22				FY23				FY24			
Project Name:	PD/Rec Building Boiler				1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4
Department:	Police		Mandate																									
			Council Goal																									
Location:			Dept. Goal	X				X																				

PROJECT DESCRIPTION, RATIONALE & OPERATING BUDGET IMPACT

DESCRIPTION: Replacement boiler.

PRIORITY IN RELATION TO OTHER PROJECTS

HIGH ☒

MEDIUM ☐

LOW ☐

RATIONALE: Two boilers installed in the early 1970's presently provide heat for the Police/Recreation Dept. building. As opposed to purchasing new, one boiler's burner was replaced in 1994, and the other boiler was rewired. UNH's efficiency study recommends one unit to service the entire building.

OPERATING BUDGET IMPACT:

FINANCIAL PLAN								
	PRIOR	FY19	FY20	FY21	FY22	FY23	FY24	TOTAL
EXPENDITURES:								
Pre-Design								
Design								
Purch/Const.								
TOTAL								
FUNDING:								
Current Rev.		\$31,900						\$31,900
Seg. Funds								
Borrow								
Federal								
State								
Other								
TOTAL		\$31,900						\$31,900
OPERATING BUDGET IMPACT:								
Personnel								
Non-Personnel								
Capital								
TOTAL								



CITY OF BERLIN, NH
2019 - 2024 CIP Project Description

GENERAL PROJECT DATA:		MASTER PLAN INFORMATION:		PROJECT NEED		PROJECT SCHEDULE				FY19				FY20				FY21				FY22				FY23				FY24			
Project Name: <u>Cruiser Laptop Computers</u>		Project listed in MP? No.				1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4				
Department: Police				Mandate																													
				Council Goal																													
Location:				Dept. Goal	X			X								X			X														

PROJECT DESCRIPTION, RATIONALE & OPERATING BUDGET IMPACT

DESCRIPTION: Cruiser Laptop Computers

PRIORITY IN RELATION TO OTHER PROJECTS

HIGH ☒

MEDIUM ☐

LOW ☐

RATIONALE: Laptops will have met their life expectancy and will need to be replaced. This plan will establish a schedule for replacement @ \$5,000 each, which includes installation and licensing. Additional costs may be incurred in FY'21 when transitioning from Windows 7, which will no longer be supported, to Windows 10.

OPERATING BUDGET IMPACT:

FINANCIAL PLAN								
	PRIOR	FY19	FY20	FY21	FY22	FY23	FY24	TOTAL
EXPENDITURES:								
Pre-Design								
Design								
Purch/Const.								
TOTAL								
FUNDING:								
Current Rev.		\$10,000		\$15,000	\$10,000			\$35,000
Seg. Funds								
Borrow								
Federal								
State								
Other								
TOTAL		\$10,000		\$15,000	\$10,000			\$35,000
OPERATING BUDGET IMPACT:								
Personnel								
Non-Personnel								
Capital								
TOTAL								



CITY OF BERLIN, NH
2019 - 2024 CIP Project Description

GENERAL PROJECT DATA: Project Name: <u>Building Maintenance IV</u> Department: Police Location:	MASTER PLAN INFORMATION: Project listed in MP? No.	PROJECT NEED		PROJECT SCHEDULE		FY19				FY20				FY21				FY22				FY23				FY24			
				1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4		
		Mandate																											
		Council Goal																											
		Dept. Goal	X				X																						

PROJECT DESCRIPTION, RATIONALE & OPERATING BUDGET IMPACT

DESCRIPTION: Phase IV of Building Maintenance Project

PRIORITY IN RELATION TO OTHER PROJECTS

HIGH ☒

MEDIUM ☐

LOW ☐

RATIONALE: Balance needed for completion of overhaul to the garage area project, to include flooring, fixtures, and electrical work for the revamped squad, evidence, and patrol/interview room areas.

OPERATING BUDGET IMPACT:

FINANCIAL PLAN								
	PRIOR	FY19	FY20	FY21	FY22	FY23	FY24	TOTAL
EXPENDITURES:								
Pre-Design								
Design								
Purch/Const.								
TOTAL								
FUNDING:								
Current Rev.	\$20,000	\$5,000						\$25,000
Seg. Funds	\$2,429							\$2,429
Borrow								
Federal								
State								
Other								
TOTAL	\$22,429	\$5,000						\$27,429
OPERATING BUDGET IMPACT:								
Personnel								
Non-Personnel								
Capital								
TOTAL								

CITY OF BERLIN, NH
2019 - 2024 CIP Project Description

GENERAL PROJECT DATA: Project Name: <u>Interview Room</u> Department: Police Location:	MASTER PLAN INFORMATION: Project listed in MP? No.	PROJECT NEED	PROJECT SCHEDULE	FY19				FY20				FY21				FY22				FY23				FY24			
				1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4
		Mandate																									
		Council Goal																									
		Dept. Goal	X				X																				

PROJECT DESCRIPTION, RATIONALE & OPERATING BUDGET IMPACT

DESCRIPTION: Soundproof Interview Room.

PRIORITY IN RELATION TO OTHER PROJECTS

HIGH ☒

MEDIUM ☐

LOW ☐

RATIONALE: The Department's space is limited. While general interaction with the public is conducted in the lobby or patrol room, the bulk of investigatory interviews and those of a sensitive nature, e.g. assaults, must be conducted in a private, quiet, and soundproof room. Interviews are currently conducted in the training/conference room or by temporarily bumping personnel from the patrol room. In both instances, only a modicum of privacy is available, which negatively impacts investigations as well as those being interviewed.

OPERATING BUDGET IMPACT:

FINANCIAL PLAN								
	PRIOR	FY19	FY20	FY21	FY22	FY23	FY24	TOTAL
EXPENDITURES:								
Pre-Design								
Design								
Purch/Const.								
TOTAL								
FUNDING:								
Current Rev.		\$15,000						\$15,000
Seg. Funds								
Borrow								
Federal								
State								
Other								
TOTAL		\$15,000						\$15,000
OPERATING BUDGET IMPACT:								
Personnel								
Non-Personnel								
Capital								
TOTAL								



CITY OF BERLIN, NH
2019 - 2024 CIP Project Description

GENERAL PROJECT DATA: Project Name: <u>ATVs</u> Department: Police Location:	MASTER PLAN INFORMATION: Project listed in MP? No.	PROJECT NEED	PROJECT SCHEDULE	FY19				FY20				FY21				FY22				FY23				FY24			
				1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4
		Mandate																									
		Council Goal																									
		Dept. Goal	X						X																		

PROJECT DESCRIPTION, RATIONALE & OPERATING BUDGET IMPACT

DESCRIPTION: Two Can-Am Outlander Max ATVs

PRIORITY IN RELATION TO OTHER PROJECTS

HIGH ☒

MEDIUM ☐

LOW ☐

RATIONALE: The PD currently utilizes two 2001 and two 2008 ATVs for patrol purposes. ATV activity continues to increase in conert with the growing ATV Park and annual festival, and a vehicle replacement schedule is now being implemented due to the vehicles' increasing age and unreliability.

OPERATING BUDGET IMPACT:

FINANCIAL PLAN								
	PRIOR	FY19	FY20	FY21	FY22	FY23	FY24	TOTAL
EXPENDITURES:								
Pre-Design								
Design								
Purch/Const.								
TOTAL								
FUNDING:								
Current Rev.			\$30,000					\$30,000
Seg. Funds								
Borrow								
Federal								
State								
Other								
TOTAL			\$30,000					\$30,000
OPERATING BUDGET IMPACT:								
Personnel								
Non-Personnel								
Capital								
TOTAL								



CITY OF BERLIN, NH
2019 - 2024 CIP Project Description

GENERAL PROJECT DATA: Project Name: <u>Body-Worn Cameras</u> Department: Police Location:	MASTER PLAN INFORMATION: Project listed in MP? No.	PROJECT NEED	PROJECT SCHEDULE	FY19				FY20				FY21				FY22				FY23				FY24			
				1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4
		Mandate																									
		Council Goal																									
		Dept. Goal	X					X		X																	

PROJECT DESCRIPTION, RATIONALE & OPERATING BUDGET IMPACT

DESCRIPTION: Body-Worn Cameras

PRIORITY IN RELATION TO OTHER PROJECTS

HIGH ☒

MEDIUM ☐

LOW ☐

RATIONALE: The PD implemented the use of head-mounted body cams in 2014. The cameras record situations in real time, rendering the ability to view what officers have observed, which has greatly assisted in resolving investigations, arrests, complaints, as well as prosecution. This plan will replace the cameras over the course of two years.

OPERATING BUDGET IMPACT:

FINANCIAL PLAN								
	PRIOR	FY19	FY20	FY21	FY22	FY23	FY24	TOTAL
EXPENDITURES:								
Pre-Design								
Design								
Purch/Const.								
TOTAL								
FUNDING:								
Current Rev.			\$22,000	\$22,000				\$44,000
Seg. Funds								
Borrow								
Federal								
State								
Other								
TOTAL			\$22,000	\$22,000				\$44,000
OPERATING BUDGET IMPACT:								
Personnel								
Non-Personnel								
Capital								
TOTAL								



CITY OF BERLIN, NH
2019 - 2024 CIP Project Description

GENERAL PROJECT DATA: Project Name: <u>Leather Gear</u> Department: Police Location:	MASTER PLAN INFORMATION: Project listed in MP? No.	PROJECT NEED	PROJECT SCHEDULE	FY19				FY20				FY21				FY22				FY23				FY24			
				1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4				
		Mandate																									
		Council Goal																									
		Dept. Goal	X					X		X																	

PROJECT DESCRIPTION, RATIONALE & OPERATING BUDGET IMPACT

DESCRIPTION: Acquisition of leather gear. One-half was replaced during FY'16; this is the cost for the remaining.

PRIORITY IN RELATION TO OTHER PROJECTS

HIGH ☒

MEDIUM ☐

LOW ☐

RATIONALE:

The leather utility belts worn by the officers are deteriorating and will have met their life expectancy. These belts house weapons, cuffs, pepper spray, and other necessary equipment; extensive deterioration will present a safety hazard.

OPERATING BUDGET IMPACT:

FINANCIAL PLAN								
	PRIOR	FY19	FY20	FY21	FY22	FY23	FY24	TOTAL
EXPENDITURES:								
Pre-Design								
Design								
Purch/Const.								
TOTAL								
FUNDING:								
Current Rev.			\$4,500	\$4,500				\$9,000
Seg. Funds								
Borrow								
Federal								
State								
Other								
TOTAL			\$4,500	\$4,500				\$9,000
OPERATING BUDGET IMPACT:								
Personnel								
Non-Personnel								
Capital								
TOTAL								



CITY OF BERLIN, NH																									
2019 - 2024 CIP Project Description																									
GENERAL PROJECT DATA:					MASTER PLAN INFORMATION:					PROJECT NEED		PROJECT SCHEDULE		FY19		FY20		FY21		FY22		FY23		FY24	
Project Name: <u>New Police Dept. Facility</u>					Project listed in MP? No.									1 2 3 4		1 2 3 4		1 2 3 4		1 2 3 4		1 2 3 4		1 2 3 4	
Department: Police										Mandate															
										Council Goal															
Location:										Dept. Goal		X												X	
<div>PROJECT DESCRIPTION, RATIONALE & OPERATING BUDGET IMPACT</div> <div><div>DESCRIPTION: New Police Department facility.</div><div>PRIORITY IN RELATION TO OTHER PROJECTS</div><div>HIGH <input checked="" type="checkbox"/></div><div>MEDIUM <input type="checkbox"/></div><div>LOW <input type="checkbox"/></div></div> <div><div>RATIONALE: The Department has outgrown the current facility. The building has also deteriorated to a point where repair and renovations may not be cost effective. The foundation is crumbling; electrical wiring needs to be brought up to Code; water pipes are in need of replacement; and the building is not fully handicapped accessible.</div><div>OPERATING BUDGET IMPACT:</div></div>																									
FINANCIAL PLAN																									
	PRIOR	FY19	FY20	FY21	FY22	FY23	FY24	TOTAL																	
EXPENDITURES:																									
Pre-Design																									
Design							400,000	400,000																	
Purch/Const.							3,600,000	3,600,000																	
TOTAL							\$4,000,000	\$4,000,000																	
FUNDING:																									
Current Rev.							\$400,000	\$400,000																	
Seg. Funds																									
Borrow							3,600,000	3,600,000																	
Federal																									
State																									
Other																									
TOTAL							\$4,000,000	\$4,000,000																	
OPERATING BUDGET IMPACT:																									
Personnel																									
Non-Personnel							20,000	20,000																	
Capital																									
TOTAL							\$20,000	\$20,000																	

CITY OF BERLIN, NH

2019 - 2024 CIP Project Description

GENERAL PROJECT DATA:		MASTER PLAN INFORMATION: Project listed in MP? no	PROJECT NEED		PROJECT SCHEDULE				FY19				FY20				FY21				FY22				FY23				FY24			
Project Name:	<u>Hutchins Street Lighting</u>		Mandate			1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4			
Department:	Public Works		Council Goal																													
	Turcotte St to Napert Village, Unity Street		Dept. Goal																													
Location:	12th Street to White Mtn Lumber																															

PROJECT DESCRIPTION, RATIONALE & OPERATING BUDGET IMPACT

DESCRIPTION: A petition was presented to the City Council by citizens of the neighborhood asking for lighting on Hutchins Street from 12th Street to White Mtn Lumber

PRIORITY IN RELATION TO OTHER PROJECTS

HIGH ☐

MEDIUM ☒

LOW ☐

A new pavement project on Hutchins Street prompted a request for lighting along the new sidewalk on Hutchins Street Turcotte to Napert Streets

RATIONALE: Improve safety for pedestrians.

OPERATING BUDGET IMPACT: Increased electrical and maintenance costs.

FINANCIAL PLAN

	PRIOR	FY19	FY20	FY21	FY22	FY23	FY24	TOTAL
EXPENDITURES:								
Pre-Design								
Design								
Purch/Const.		16,000	16,000					32,000
TOTAL		\$16,000	\$16,000					\$32,000
FUNDING:								
Current Rev.		\$16,000	\$16,000					\$32,000
Seg. Funds								
Borrow								
Federal								
State								
Other								
TOTAL		\$16,000	\$16,000					\$32,000
OPERATING BUDGET IMPACT:								
Personnel								
Non-Personnel			675	1,350	1,350	1,350	1,350	6,075
Capital								
TOTAL			\$675	\$1,350	\$1,350	\$1,350	\$1,350	\$6,075



CITY OF BERLIN, NH
2019 - 2024 CIP Project Description

Project Name: PW Equipment Replacement		Project listed in MP?	PROJECT NEED		PROJECT SCHEDULE	FY19				FY20				FY21				FY22				FY23				FY24			
			Mandate	x		1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4
Department:	Public Works		Council Goal																										
Location:	110 Wight Street		Dept. Goal	x					x		x		x		x		x		x		x		x						

PROJECT DESCRIPTION, RATIONALE & OPERATING BUDGET IMPACT

DESCRIPTION: Upgrade & purchase of equipment:

Paving Machine	85,000	5 Ton Roller-used	70,000	Infared Equipment	75,000
Excavator on wheels	225,000	Sidewalk Tractor	120,000	Re-claimer	300,000
Skidsteer	85,000	10 Wheel Dump Truck	160,000		
Pickup Truck (1 ton) 2 ea	80,000	1/2 Ton Pick Up	30,000		
	475,000		380,000		375,000

PRIORITY IN RELATION TO OTHER PROJECTS

HIGH ☒
MEDIUM ☐
LOW ☐

RATIONALE: Operational improvements
 Shift mechanical effort from repair to maintenance
 Health & Safety
 Environmental Protections

Total 1,230,000

OPERATING BUDGET IMPACT:

FINANCIAL PLAN

	PRIOR	FY19	FY20	FY21	FY22	FY23	FY24	TOTAL
EXPENDITURES:								
Pre-Design								
Design								
Purch/Const.		205,000	205,000	205,000	205,000	205,000	205,000	1,230,000
TOTAL								
FUNDING:								
Current Rev.		\$190,000	\$205,000	\$205,000	\$205,000	\$205,000	\$205,000	\$1,215,000
Seg. Funds	\$15,000							\$15,000
Borrow								
Federal								
State								
Other								
TOTAL	\$15,000	\$190,000	\$205,000			\$205,000	\$205,000	\$820,000
OPERATING BUDGET IMPACT:								
Personnel								
Non-Personnel								
Capital								
TOTAL								



CITY OF BERLIN, NH

2019 - 2024 CIP Project Description

GENERAL PROJECT DATA:		MASTER PLAN INFORMATION: Project listed in MP?	PROJECT NEED	PROJECT SCHEDULE	FY19				FY20				FY21				FY22				FY23				FY24			
Project Name:	Street and Sidewalk Replacements				1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4
Department:	PWD		Mandate																									
Location:			Council Goal																									
			Dept. Goal																									

PROJECT DESCRIPTION, RATIONALE & OPERATING BUDGET IMPACT

DESCRIPTION:	Many streets and sidewalks are beyond their useful life and need replacement	PRIORITY IN RELATION TO OTHER PROJECTS
		HIGH <input type="checkbox"/>
		MEDIUM <input type="checkbox"/>
		LOW <input type="checkbox"/>
RATIONALE:		
OPERATING BUDGET IMPACT:		

FINANCIAL PLAN									(MAP OR PLAN OF PROJECT OR BOTH)
	PRIOR	FY19	FY20	FY21	FY22	FY23	FY24	TOTAL	
EXPENDITURES:									
Pre-Design									
Design									
Purch/Const.		200,000	200,000	200,000	200,000	200,000	200,000	1,200,000	
TOTAL		\$200,000	\$200,000	\$200,000	\$200,000	\$200,000	\$200,000	\$1,200,000	
FUNDING:									
Current Rev.		200,000	200,000	200,000	200,000	200,000	200,000	1,200,000	
Seg. Funds									
Borrow									
Federal									
State									
Other									
TOTAL		\$200,000	\$200,000	\$200,000	\$200,000	\$200,000	\$200,000	\$1,200,000	
OPERATING BUDGET IMPACT:									
Personnel									
Non-Personnel									
Capital									
TOTAL									

CITY OF BERLIN, NH

2019 - 2024 CIP Project Description

GENERAL PROJECT DATA: Project Name: <u>Retaining Wall Replacements</u> Department: PWD Location:	MASTER PLAN INFORMATION: Project listed in MP?	PROJECT	PROJECT	FY119				FY20				FY21				FY22				FY23				FY24			
		NEED	SCHEDULE	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4
		Mandate																									
		Council Goal																									
		Dept. Goal																									

PROJECT DESCRIPTION, RATIONALE & OPERATING BUDGET IMPACT

DESCRIPTION: The City owns numerous retaining walls that could benefit from upgrades/replacement.

PRIORITY IN RELATION TO OTHER PROJECTS

HIGH ☐

MEDIUM ☐

LOW ☐

RATIONALE:

OPERATING BUDGET IMPACT:

FINANCIAL PLAN								
	PRIOR	FY19	FY20	FY21	FY22	FY23	FY24	TOTAL
EXPENDITURES:								
Pre-Design								
Design		10,000	10,000	10,000	10,000	10,000	10,000	60,000
Purch/Const.								
		100,000	100,000	100,000	100,000	100,000	100,000	600,000
TOTAL		\$110,000	\$110,000	\$110,000	\$110,000	\$110,000	\$110,000	\$660,000
FUNDING:								
Current Rev.		\$110,000	\$110,000	\$110,000	\$110,000	\$110,000	\$110,000	\$660,000
Seg. Funds								
Borrow								
Federal								
State								
Other								
TOTAL		\$110,000	\$110,000	\$110,000	\$110,000	\$110,000	\$110,000	\$660,000
OPERATING BUDGET IMPACT:								
Personnel								
Non-Personnel								
Capital								
TOTAL								

(MAP OR PLAN OF PROJECT OR BOTH)

CITY OF BERLIN, NH
2019 - 2024 CIP Project Description

GENERAL PROJECT DATA:		MASTER PLAN INFORMATION: Project listed in MP?	PROJECT NEED	PROJECT SCHEDULE	FY19				FY20				FY21				FY22				FY23				FY24			
Project Name:	Public Works Garage Upgrade II				1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4
Department:	Public Works		Mandate																									
Location:	110 Wight St		Council Goal																									
			Dept. Goal	X					X				X				X											

PROJECT DESCRIPTION, RATIONALE & OPERATING BUDGET IMPACT

DESCRIPTION:				PRIORITY IN RELATION TO OTHER PROJECTS			
		Install Air Locks	\$ 115,000				
		Fencing	\$ 55,000				
Chimney reappear	\$ 25,000	Office Improvements	\$ 40,000			HIGH	<input checked="" type="checkbox"/>
Fire Supression	\$ 40,000	Paving	\$ 60,000				
Window Replacement	\$ 150,000	HVAC	\$ 100,000			MEDIUM	<input type="checkbox"/>
	\$ 215,000	Roof Replacement	\$ 140,000				
RATIONALE:	Operational improvements	\$ 510,000	total \$ 725,000				
	Feasibility Study completed in 1989					LOW	<input type="checkbox"/>
	Health & Safety						
	Environmental Protection						
	Reduction in energy consumption.						
OPERATING BUDGET IMPACT:							

FINANCIAL PLAN

	PRIOR	FY19	FY20	FY21	FY22	FY23	FY24	TOTAL
EXPENDITURES:								
Pre-Design								
Design	5,000							5,000
Purch/Const.		120,000	120,000	120,000	120,000	120,000	120,000	720,000
TOTAL	\$5,000	\$120,000	\$120,000	\$120,000	\$120,000	\$120,000	\$120,000	\$725,000
FUNDING:								
Current Rev.		120,000	120,000	120,000	120,000	120,000	120,000	\$720,000
Seg. Funds	7,039							\$7,039
Borrow								
Federal								
State								
Other								
TOTAL	\$7,039	\$120,000	\$120,000	\$120,000	\$120,000	\$120,000	\$120,000	\$727,039
OPERATING BUDGET IMPACT:								
Personnel								
Non-Personnel			(35,000)	(35,000)	(35,000)	(35,000)	(35,000)	(175,000)
Capital								0
TOTAL		0	(35,000)	(35,000)	(35,000)	(35,000)	(35,000)	(175,000)



CITY OF BERLIN, NH																									
2019 - 2024 CIP Project Description																									
GENERAL PROJECT DATA: Project Name: Drain Line Replacement				MASTER PLAN INFORMATION: Project listed in MP?				PROJECT NEED		PROJECT SCHEDULE				FY19		FY20		FY21		FY22		FY23		FY24	
												1 2 3 4		1 2 3 4		1 2 3 4		1 2 3 4		1 2 3 4		1 2 3 4			
Department: Public Works Location: Various								Mandate				x		x		x		x		x		x			
								Council Goal																	
								Dept. Goal		x															

DESCRIPTION:	Repair or replace old and/or damaged drain lines						PRIORITY IN RELATION TO OTHER PROJECTS	
	The problem exists throughout the City.							
IGA	130,000	Hillside Ave	200,000				HIGH	<input checked="" type="checkbox"/>
Hillsboro St.	40,000	Mannering	200,000					
High Street	250,000	Watson St.	200,000				MEDIUM	<input type="checkbox"/>
Kent Street	40,000	Turcotte St.	60,000					
Glen Avenue	90,000	Howland St	200,000				LOW	<input type="checkbox"/>
	\$1,410,000							
RATIONALE: Replace lines beyond useful life; clean lines; increase capacities								
OPERATING BUDGET IMPACT:								

CITY OF BERLIN, NH
2019 - 2024 CIP Project Description

GENERAL PROJECT DATA:		MASTER PLAN INFORMATION: Project listed in MP? no	PROJECT NEED	PROJECT SCHEDULE	FY19				FY20				FY21				FY22				FY23				FY24			
Project Name:	Flood Mitigation				1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4
Department:	Public Works		Mandate																									
Location:	Various		Council Goal																									
			Dept. Goal	x				x																				

PROJECT DESCRIPTION, RATIONALE & OPERATING BUDGET IMPACT

DESCRIPTION: Have Brooks (Johnson Brk, Forbush Ave., Grafton & Coos Streets) Evaluated for for mitigation

PRIORITY IN RELATION TO OTHER PROJECTS

HIGH ☒

MEDIUM ☐

LOW ☐

RATIONALE: Eliminate / Reduce future flood damages to City infrastructure and residential properties
 Lists as an action item in 2016 Hazard Mitigation Plan

OPERATING BUDGET IMPACT: Reduce unscheduled operational activities.

FINANCIAL PLAN

	PRIOR	FY19	FY20	FY21	FY22	FY23	FY24	TOTAL
EXPENDITURES:								
Pre-Design		\$20,000						\$20,000
Design								
Purch/Const.								
TOTAL		\$20,000						\$20,000
FUNDING:								
Current Rev.		\$20,000						\$20,000
Seg. Funds								
Borrow								
Federal								
State								
Other								
TOTAL		\$20,000						\$20,000
OPERATING BUDGET IMPACT:								
Personnel								
Non-Personnel								
Capital								
TOTAL								



CITY OF BERLIN, NH
2019 - 2024 CIP Project Description

GENERAL PROJECT DATA:			MASTER PLAN INFORMATION: Project listed in MP?	PROJECT NEED	PROJECT SCHEDULE	FY19				FY20				FY21				FY22				FY23				FY24			
Project Name: <u>Loader Lease/Purchase</u>						1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4
Department: Public Works				Mandate																									
Location: 10 Jericho Road				Council Goal																									
				Dept. Goal	x	x				x				x				x				x							

PROJECT DESCRIPTION, RATIONALE & OPERATING BUDGET IMPACT

DESCRIPTION: Lease/Purchase of loaders

PRIORITY IN RELATION TO OTHER PROJECTS

4 loaders Out Right Price \$895,500
Trade In 4 units (\$232,000)
\$663,500

Municipal 10 year lease Annual Payment **\$82,000**

HIGH ☒

MEDIUM ☐

LOW ☐

RATIONALE:

(Cost/Benefit, Need and/or Service Standard)

Current Loaders are reaching cycle requiring more repairs and component replacement and additional manhours is increasing operational cost.

The trade-in Allowance is advantageous at this stage for 4 unit is good value at approximately **\$232,000**.

OPERATING BUDGET IMPACT:

Maintenance Cost of equipment will be reduced which decreased labor and materials to keep equipment on-line.

Equipment reliability will improve and should decrease operating disruptions.

FINANCIAL PLAN

	PRIOR	FY19	FY20	FY21	FY22	FY23	FY24	TOTAL
EXPENDITURES:								
Pre-Design								
Design								
Purch/Const.		\$82,000	\$82,000	\$82,000	\$82,000	\$82,000	\$82,000	492,000
TOTAL		\$82,000	\$82,000	\$82,000	\$82,000	\$82,000	\$82,000	\$492,000
FUNDING:								
Current Rev.								
Seg. Funds								
Borrow		\$82,000	\$82,000	\$82,000	\$82,000	\$82,000	\$82,000	492,000
Federal								
State								
Other								
TOTAL		\$82,000	\$82,000			\$82,000	\$82,000	\$328,000
OPERATING BUDGET IMPACT:								
Personnel		(\$4,000)	(\$4,000)	(\$4,000)	(\$4,000)	(\$4,000)	(\$4,000)	(24,000)
Non-Personnel		(2,800)	(2,800)	(2,800)	(2,800)	(2,800)	(2,800)	(16,800)
Capital								
TOTAL		(\$6,800)	(\$6,800)	(\$6,800)	(\$6,800)	(\$6,800)	(\$6,800)	(\$40,800)



CITY OF BERLIN, NH
2019 - 2024 CIP Project Description

GENERAL PROJECT DATA:		MASTER PLAN INFORMATION: Project listed in MP?	PROJECT NEED	PROJECT SCHEDULE	FY19	FY20	FY21	FY22	FY23	FY24
Project Name: <u>Salt Sand Storage Shed</u>					1 2 3 4	1 2 3 4	1 2 3 4	1 2 3 4	1 2 3 4	1 2 3 4
Department: Public Works			Mandate							
Location: 10 Jericho Road			Council Goal							
			Dept. Goal		x	x				

PROJECT DESCRIPTION, RATIONALE & OPERATING BUDGET IMPACT

DESCRIPTION: Construct Salt and Sand Storage Building

PRIORITY IN RELATION TO OTHER PROJECTS

RATIONALE:

New facility will increase current storage capacity and provide for sand/salt to be prepared during non-storm hours at regular time vs. overtime rates. Improves Operational efficiencies with decreasing personnel resorces to move and mix materials. Reduces energy

HIGH ☒

MEDIUM ☐

LOW ☐

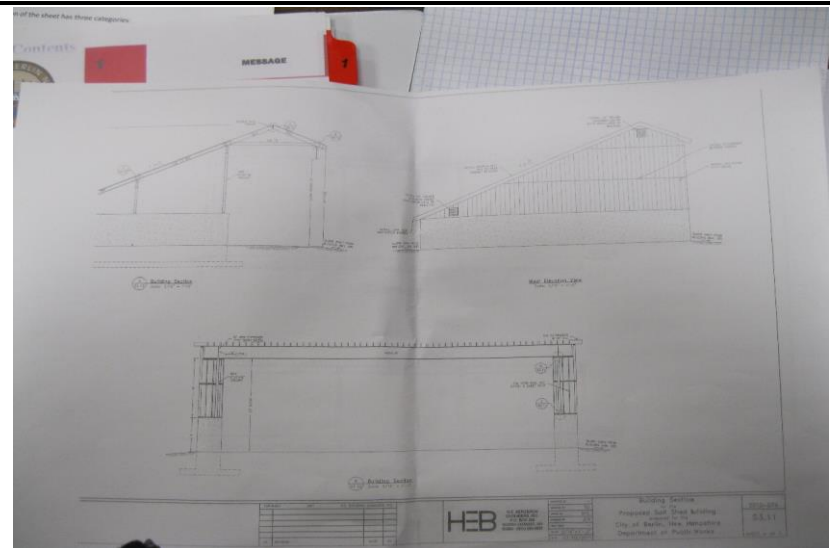
Listes as action item in 2016 Hazard Mitigation Plan

OPERATING BUDGET IMPACT:

Manhour reductions, reduction in heating fuel usage.

FINANCIAL PLAN

	PRIOR	FY19	FY20	FY21	FY22	FY23	FY24	TOTAL
EXPENDITURES:								
Pre-Design								
Design	5,000							5,000
Purch/Const.		104,000	104,000	104,000				312,000
TOTAL	\$5,000	\$104,000	\$104,000	\$104,000				\$317,000
FUNDING:								
Current Rev.		104,000	104,000	104,000				\$312,000
Seg. Funds								
Borrow								0
Federal								
State								
Other								
TOTAL		\$104,000	\$104,000					\$208,000
OPERATING BUDGET IMPACT:								
Personnel					(\$6,000)	(\$6,000)	(\$6,000)	(\$18,000)
Non-Personnel					(17,000)	(17,000)	(17,000)	(\$51,000)
Capital								0
TOTAL								(\$69,000)



CITY OF BERLIN, NH
2019 - 2024 CIP Project Description

GENERAL PROJECT DATA:		MASTER PLAN INFORMATION: Project listed in MP? no	PROJECT NEED	PROJECT SCHEDULE	FY19				FY20				FY21				FY22				FY23				FY24			
Project Name:	Downtown Snow Melt System				1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4
Department:	Public Works		Mandate																									
Location:	Main Street		Council Goal																									
			Dept. Goal	x					x																			

PROJECT DESCRIPTION, RATIONALE & OPERATING BUDGET IMPACT

DESCRIPTION: Install radiant snow melt system Main Street Downtown area.

PRIORITY IN RELATION TO OTHER PROJECTS

HIGH ☐

MEDIUM ☒

LOW ☐

RATIONALE: Reduce Downtown Winter Maintenance. Increase business opportunities for City by attracting more people to the Downtown.
 Improve City Pride.

OPERATING BUDGET IMPACT: Would decrease cost of winter maintenance by approximately 106,000/yr

FINANCIAL PLAN

	PRIOR	FY19	FY20	FY21	FY22	FY23	FY24	TOTAL
EXPENDITURES:								
Pre-Design		\$12,000						\$12,000
Design		75,000	75,000	75,000	75,000	75,000	75,000	450,000
Purch/Const.		425,000	425,000	425,000	425,000	425,000	425,000	2,550,000
TOTAL		\$512,000	\$500,000	\$500,000	\$500,000	\$500,000	\$500,000	\$3,012,000
FUNDING:								
Current Rev.		\$512,000	\$500,000	\$500,000	\$500,000	\$500,000	\$500,000	\$3,012,000
Seg. Funds								
Borrow								
Federal								
State								
Other								
TOTAL		\$512,000	\$500,000			\$500,000	\$500,000	\$2,012,000
OPERATING BUDGET IMPACT:								
Personnel		(\$69,030)	(\$69,030)	(\$69,030)	(\$69,030)	(\$69,030)	(\$69,030)	(\$414,180)
Non-Personnel		(33,872)	(33,872)	(33,872)	(33,872)	(33,872)	(33,872)	(203,232)
Capital		(3,380)	(3,380)	(3,380)	(3,380)	(3,380)	(3,380)	(20,280)
TOTAL		(\$106,282)	(\$106,282)	(\$106,282)	(\$106,282)	(\$106,282)	(\$106,282)	(\$637,692)



CITY OF BERLIN, NH
2019 - 2024 CIP Project Description

<div>GENERAL PROJECT DATA:</div> <div>Project Name: <u>Rte. 110 Sewer Extension</u></div> <div>Department: Public Works</div> <div>Location:</div>	<div>MASTER PLAN INFORMATION:</div> <div>Project listed in MP?</div>	PROJECT NEED	PROJECT SCHEDULE	FY19				FY20				FY21				FY22				FY23				FY24			
				1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4
		Mandate																									
		Council Goal																									
		Dept. Goal	x	x																							

PROJECT DESCRIPTION, RATIONALE & OPERATING BUDGET IMPACT

DESCRIPTION: Extend Sewer Service over 2 miles

PRIORITY IN RELATION TO OTHER PROJECTS

HIGH ☐

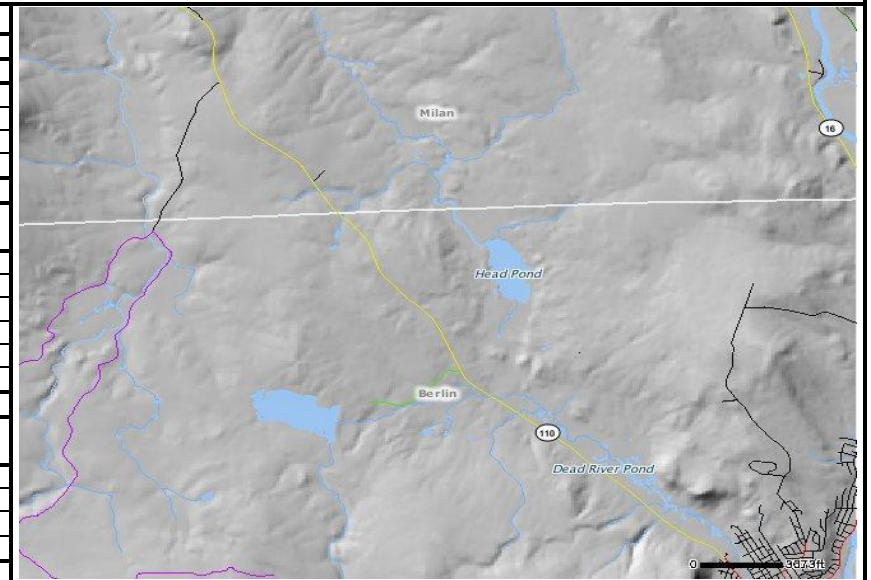
MEDIUM ☒

LOW ☐

RATIONALE: Enable system to meet the development requirements of this area.
Enhance business opportunities for this area.

OPERATING BUDGET IMPACT:

FINANCIAL PLAN								
	PRIOR	FY19	FY20	FY21	FY22	FY23	FY24	TOTAL
EXPENDITURES:								
Pre-Design								
Design							200,000	200,000
Purch/Const.							2,500,000	2,500,000
TOTAL							\$2,700,000	\$2,700,000
FUNDING:								
Current Rev.	\$20,000						\$2,700,000	\$2,720,000
Seg. Funds								
Borrow								
Federal								
State								
Other								
TOTAL	\$20,000						\$2,700,000	\$2,720,000
OPERATING BUDGET IMPACT:								
Personnel								
Non-Personnel								
Capital							\$2,700,000	2,700,000
TOTAL							\$2,700,000	\$2,700,000



CITY OF BERLIN, NH
2019 - 2024 CIP Project Description

GENERAL PROJECT DATA:		MASTER PLAN INFORMATION: Project listed in MP?	PROJECT NEED	PROJECT SCHEDULE	FY19				FY20				FY21				FY22				FY23				FY24			
Project Name: Dead River Channel/Moxie Alley	Department: Public Works Location:				1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4
			Mandate					x					x															
			Council Goal																									
			Dept. Goal																									

PROJECT DESCRIPTION, RATIONALE & OPERATING BUDGET IMPACT

DESCRIPTION: Channel behind downtown buildings in Moxie Alley is in serious disrepair. This project envisions pulling all parties together to deal with a serious downtown infrastructure issue. Would be ideal to pursue while City is owner of adjacent lots on Pleasant Street. Possible re-route of channel away from buildings.

RATIONALE:

Listed as action item in 2016 Hazard Mitigation Plan

OPERATING BUDGET IMPACT:

PRIORITY IN RELATION TO OTHER PROJECTS

HIGH ☐
MEDIUM ☒
LOW ☐

FINANCIAL PLAN

	PRIOR	FY19	FY20	FY21	FY22	FY23	FY24	TOTAL
EXPENDITURES:								
Pre-Design						\$300,000		\$300,000
Design						600,000		600,000
Purch/Const.							3,000,000	3,000,000
TOTAL						\$900,000	\$3,000,000	\$3,900,000
FUNDING:								
Current Rev.								
Seg. Funds								
Borrow								
Federal								
State						195,000		195,000
Other						705,000	3,000,000	3,705,000
TOTAL						\$900,000	\$3,000,000	\$3,900,000
OPERATING BUDGET IMPACT:								
Personnel								
Non-Personnel								
Capital								
TOTAL								



CITY OF BERLIN, NH																																			
2019 - 2024 CIP Project Description																																			
GENERAL PROJECT DATA: Project Name: Snowmobile Trails Department: Public ?Works Location:				MASTER PLAN INFORMATION: Project listed in MP?				PROJECT NEED		PROJECT SCHEDULE		FY19				FY20				FY21				FY22				FY23				FY24			
												1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4
								Mandate																				x				x			
								Council Goal																											
								Dept. Goal																											

<u>PROJECT DESCRIPTION, RATIONALE & OPERATING BUDGET IMPACT</u>	
DESCRIPTION:	<div><div>Increase trail network through the City, through downtown Berlin.</div><div>Includes bridge over Androscoggin connecting Unity Street Park to PSNH Park</div></div>
RATIONALE:	<div><div>Economic Development</div></div>
	<div><div></div></div>
	<div><div></div></div>
OPERATING BUDGET IMPACT:	

FINANCIAL PLAN								
	PRIOR	FY19	FY20	FY21	FY22	FY23	FY24	TOTAL
EXPENDITURES:								
Pre-Design								
Design								
Purch/Const.						\$15,000	\$300,000	\$315,000
TOTAL						\$15,000	\$300,000	\$315,000
FUNDING:								
Current Rev.						\$15,000		\$15,000
Seg. Funds								
Borrow								
Federal							300,000	300,000
State								
Other								
TOTAL						\$15,000	\$300,000	\$315,000
OPERATING BUDGET IMPACT:								
Personnel								
Non-Personnel								
Capital								
TOTAL								



CITY OF BERLIN, NH
2019 - 2024 CIP Project Description

GENERAL PROJECT DATA:		MASTER PLAN INFORMATION: Project listed in MP?	PROJECT NEED		PROJECT SCHEDULE				FY19				FY20				FY21				FY22				FY23				FY24																									
Project Name: <u>Equipment</u>			Mandate				1				2				3				4				1				2				3				4				1				2				3				4			
Department: Rec.&Parks			Council Goal				X				X																																											
Location: Rec. Parks Building			Dept. Goal		X		x				x																																											

PROJECT DESCRIPTION, RATIONALE & OPERATING BUDGET IMPACT

DESCRIPTION:

Kubato Attachments	35,000	Purchase (1 ton) Pick-up Truck w/plov	40,000
-Side arm mower		Purchase travel van-programming	35,000
-brush hog & chipper			
Commercials Fine Mower(2)	50,000		
	85,000		

75,000

Total **160,000**

PRIORITY IN RELATION TO OTHER PROJECTS

HIGH ☒

MEDIUM ☐

LOW ☐

RATIONALE:

Improve Efficiency on green space maintenance

OPERATING BUDGET IMPACT:

FINANCIAL PLAN

	PRIOR	FY19	FY20	FY21	FY22	FY23	FY24	TOTAL
EXPENDITURES:								
Pre-Design								
Design								
Purch/Const.		\$40,000	\$50,000	35,000	\$ 35,000			\$160,000
TOTAL		\$40,000	\$50,000	\$35,000	\$35,000			\$160,000
FUNDING:								
Current Rev.		\$40,000						\$40,000
Seg. Funds	50,000							\$50,000
Borrow								
Federal								
State								
Other								
TOTAL	\$50,000	\$40,000	\$0					\$90,000
OPERATING BUDGET IMPACT:								
Personnel								
Non-Personnel								
Capital								
TOTAL								



CITY OF BERLIN, NH
2019 - 2024 CIP Project Description

GENERAL PROJECT DATA:		MASTER PLAN INFORMATION: Project listed in MP? no	PROJECT NEED	PROJECT SCHEDULE	FY19				FY20				FY21				FY22				FY23				FY24			
Project Name: <u>Tennis Courts Re-construction</u>					1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4
Department: Recreation & Parks			Mandate																									
Location: Horne Field & Glen Avenue Tennis Courts			Council Goal																									
			Dept. Goal	X																								

PROJECT DESCRIPTION, RATIONALE & OPERATING BUDGET IMPACT

DESCRIPTION: Re-Constructing four tennis courts.

PRIORITY IN RELATION TO OTHER PROJECTS

HIGH ☐

MEDIUM ☒

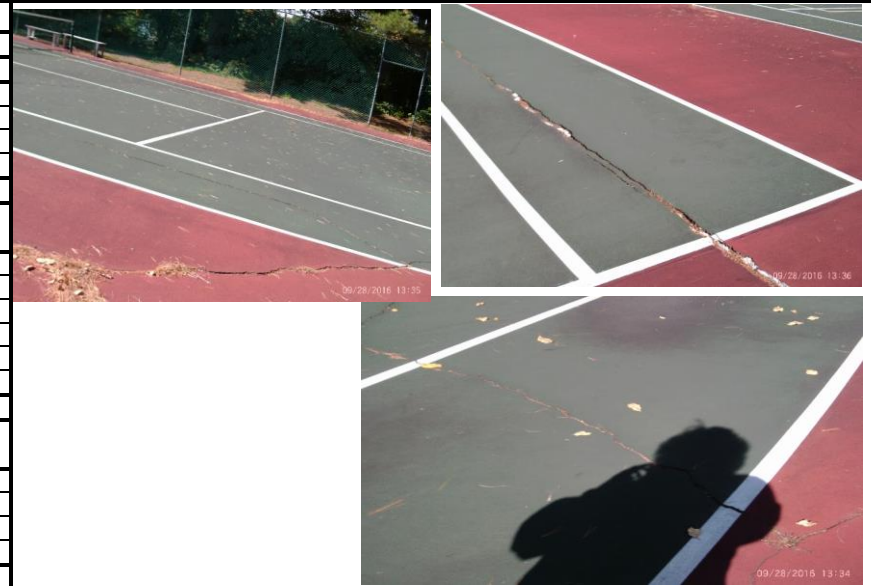
LOW ☐

RATIONALE: Tennis Courts are in very poor condition. Playing hazard and liability potential.
 Was informed Berlin School Department had to schedule all games in Gorham last season.

OPERATING BUDGET IMPACT: Unclear. Would need professional estimate. In gathering information, price could be 200K-220K
 This is not taking in consideration the lack of regular maintenance causing additional costs (see attached)

FINANCIAL PLAN

	PRIOR	FY19	FY20	FY21	FY22	FY23	FY24	TOTAL
EXPENDITURES:								
Pre-Design								
Design								
Purch/Const.		110,000	110,000					220,000
TOTAL		\$110,000	\$110,000	\$0	\$0	\$0	\$0	\$220,000
FUNDING:								
Current Rev.		\$110,000						\$110,000
Seg. Funds								
Borrow								
Federal								
State								
Other								
TOTAL		\$110,000						\$110,000
OPERATING BUDGET IMPACT:								
Personnel								
Non-Personnel								
Capital								
TOTAL								



CITY OF BERLIN, NH
2019 - 2024 CIP Project Description

GENERAL PROJECT DATA:		MASTER PLAN INFORMATION: Project listed in MP? no	PROJECT NEED	PROJECT SCHEDULE	FY19				FY20				FY21				FY22				FY23				FY24			
Project Name: <u>Skate Park</u>					1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4				
Department: Park & Rec. Maint			Mandate		x																							
Location: Central Park			Council Goal	x																								
			Dept. Goal	x																								

PROJECT DESCRIPTION, RATIONALE & OPERATING BUDGET IMPACT

DESCRIPTION: Construct New Skate Park

PRIORITY IN RELATION TO OTHER PROJECTS

HIGH ☐

MEDIUM ☒

LOW ☐

RATIONALE: New skate to replace the existing skate park which was removed for safety reasons and Substation Upgrade.

OPERATING BUDGET IMPACT:

The new concrete skate wil require annual and regular maintenance activities

FINANCIAL PLAN

	PRIOR	FY19	FY20	FY21	FY22	FY23	FY24	TOTAL
EXPENDITURES:								
Pre-Design								
Design								
Purch/Const.		150,000						150,000
TOTAL		\$150,000						\$150,000
FUNDING:								
Current Rev.								
Seg. Funds	50,000							50,000
Borrow								
Federal								
State								
Other	25,000	75,000						100,000
TOTAL	\$75,000	\$75,000						\$150,000
OPERATING BUDGET IMPACT:								
Personnel								
Non-Personnel								
Capital								
TOTAL								



CITY OF BERLIN, NH

2019 - 2024 CIP Project Description

GENERAL PROJECT DATA:		MASTER PLAN INFORMATION: Project listed in MP?	PROJECT NEED	PROJECT SCHEDULE	FY19				FY20				FY21				FY22				FY23				FY24			
Project Name:	Building Repairs				1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4
Department:	Rec.&Parks		Mandate																									
Location:	Rec. Parks Building		Council Goal						X																			
			Dept. Goal	X					x																			

PROJECT DESCRIPTION, RATIONALE & OPERATING BUDGET IMPACT

DESCRIPTION:

Upgrade Restrooms and Showers	\$	50,000
Upgrade Court Facilities	\$	15,000
-New Score Board	\$	6,500
-Wall Padding	\$	4,000
Purchase Bleachers		10,000
	\$	85,500

Replace Windows	\$	20,000
Upgrade Offices	\$	25,000
Repair Gym Floor	\$	20,000

\$ 65,000

\$ 150,500

PRIORITY IN RELATION TO OTHER PROJECTS

HIGH ☒

MEDIUM ☐

LOW ☐

RATIONALE:

Replace/Repair/Extend Life cycle of the facility	Safety
Handicap Accessibility	Meet additional programming demands
Emergency Mangement Site	Improve Energy Efficiency

OPERATING BUDGET IMPACT:

FINANCIAL PLAN

	PRIOR	FY19	FY20	FY21	FY22	FY23	FY24	TOTAL
EXPENDITURES:								
Pre-Design								
Design								
Purch/Const.		\$41,189	\$41,189	\$25,000	\$30,000	25,000	27,500	189,878
TOTAL		\$41,189	\$41,189	\$25,000	\$30,000	\$25,000	\$27,500	\$189,878
FUNDING:								
Current Rev.		\$50,000	\$35,000	\$25,000	\$25,000	\$25,000	\$27,500	\$187,500
Seg. Funds	2,378							\$2,378
Borrow								
Federal								
State								
Other								
TOTAL	\$2,378	\$50,000	\$35,000			\$25,000	\$27,500	\$139,878
OPERATING BUDGET IMPACT:								
Personnel								
Non-Personnel								
Capital								\$0
TOTAL								\$0



CITY OF BERLIN, NH
2019 - 2024 CIP Project Description

GENERAL PROJECT DATA:		MASTER PLAN INFORMATION: Project listed in MP? no	PROJECT NEED		PROJECT SCHEDULE	FY19				FY20				FY21				FY22				FY23				FY24			
Project Name: <u>BHS Road Development</u>						1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4				
Department: Schools			Mandate		X	X								Council Goal															
Location: Berlin High School			Council Goal																										
			Dept. Goal		X																								

PROJECT DESCRIPTION, RATIONALE & OPERATING BUDGET IMPACT

DESCRIPTION: Construction of access road behind Berlin High School

PRIORITY IN RELATION TO OTHER PROJECTS

HIGH ☒

MEDIUM ☐

LOW ☐

RATIONALE: An access road construction behind Berlin High School for fire and safety access
Creation of a separate entrance to Mini-Mounties pre-school program with an outdoor play area.

OPERATING BUDGET IMPACT:

FINANCIAL PLAN

	PRIOR	FY19	FY20	FY21	FY22	FY23	FY24	TOTAL
EXPENDITURES:								
Pre-Design								
Design								
Purch/Const.		250,000						250,000
TOTAL		\$250,000						\$250,000
FUNDING:								
Current Rev.		\$250,000						\$250,000
Seg. Funds								
Borrow								
Federal								
State								
Other								
TOTAL		\$250,000						\$250,000
OPERATING BUDGET IMPACT:								
Personnel								
Non-Personnel								
Capital								
TOTAL								



CITY OF BERLIN, NH
2019 - 2024 CIP Project Description

GENERAL PROJECT DATA:		MASTER PLAN INFORMATION: Project listed in MP? no	PROJECT NEED	PROJECT SCHEDULE	FY19	FY20	FY21	FY22	FY23	FY24
Project Name: <u>Masonry & brick repointing</u>					1 2 3 4	1 2 3 4	1 2 3 4	1 2 3 4	1 2 3 4	1 2 3 4
Department: Schools			Mandate		X					
Location: Hillside/BMS complex			Council Goal							
			Dept. Goal	X						

PROJECT DESCRIPTION, RATIONALE & OPERATING BUDGET IMPACT

DESCRIPTION: Masonry work needed on Hillside/Middle School complex,

PRIORITY IN RELATION TO OTHER PROJECTS

HIGH ☒

MEDIUM ☐

LOW ☐

RATIONALE: Crumbling window sills and cement ribbing

OPERATING BUDGET IMPACT:

FINANCIAL PLAN								
	PRIOR	FY19	FY20	FY21	FY22	FY23	FY24	TOTAL
EXPENDITURES:								
Pre-Design								
Design								
Purch/Const.		36,000						36,000
TOTAL		\$36,000						\$36,000
FUNDING:								
Current Rev.		\$36,000						\$36,000
Seg. Funds								
Borrow								
Federal								
State								
Other								
TOTAL		\$36,000						\$36,000
OPERATING BUDGET IMPACT:								
Personnel								
Non-Personnel								
Capital								
TOTAL								



CITY OF BERLIN, NH
2019 - 2024 CIP Project Description

GENERAL PROJECT DATA:		MASTER PLAN INFORMATION: Project listed in MP? no	PROJECT NEED	PROJECT SCHEDULE	FY19				FY20				FY21				FY22				FY23				FY24			
Project Name: <u>BHS Classroom Floors & Abatement</u>					1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4
Department: Schools			Mandate		X								X								X							
Location: Berlin High Schools			Council Goal																									
			Dept. Goal	X																								

PROJECT DESCRIPTION, RATIONALE & OPERATING BUDGET IMPACT

DESCRIPTION: BHS Classroom Floor replacement, 28 classrooms and asbestos abatement from the mastic

PRIORITY IN RELATION TO OTHER PROJECTS

HIGH ☐

MEDIUM ☒

LOW ☐

RATIONALE: Current tile floors are cracking and becoming a hazard. Floors have been replaced as they become unsafe or trip hazzards.

OPERATING BUDGET IMPACT:

FINANCIAL PLAN

	PRIOR	FY19	FY20	FY21	FY22	FY23	FY24	TOTAL
EXPENDITURES:								
Pre-Design		\$85,000		\$85,000		\$85,000		\$255,000
Design								
Purch/Const.								
TOTAL		\$85,000		\$85,000		\$85,000		\$255,000
FUNDING:								
Current Rev.								
Seg. Funds								
Borrow								
Federal								
State								
Other		85,000		85,000		85,000		255,000
TOTAL		\$85,000		\$85,000		\$85,000		\$255,000
OPERATING BUDGET IMPACT:								
Personnel								
Non-Personnel								
Capital								
TOTAL								



CITY OF BERLIN, NH
2019 - 2024 CIP Project Description

GENERAL PROJECT DATA: Project Name: <u>Bus Replacement</u> Department: Schools Location: Transportation Garage - Hutchins St.		MASTER PLAN INFORMATION: Project listed in MP? no		PROJECT NEED		PROJECT SCHEDULE				FY19				FY20				FY21				FY22				FY23				FY24			
						1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4				
				Mandate						X								X							X								
				Council Goal																													
				Dept. Goal	X																												

PROJECT DESCRIPTION, RATIONALE & OPERATING BUDGET IMPACT

DESCRIPTION: Bus Replacement for Bus 08, 127,140 miles (as of Nov.6, 2017)
 Bus Replacement for Bus 09, 92,023 miles (as of Nov. 6, 2017) (1 of 2 left at 66 passengers, aiming for all 72 passengers)
 Bus Replacement for Bus 10, 94,916 miles (as of Nov. 6, 2017)(1 of 2 left at 66 passengers, aiming for all 72 passengers)

PRIORITY IN RELATION TO OTHER PROJECTS

HIGH ☒
MEDIUM ☐
LOW ☐

RATIONALE: N.H. Dept. of Safety, pupil transportation recommends school buses operate no more than 10 years or not more than 100,000 miles.

OPERATING BUDGET IMPACT:

FINANCIAL PLAN								
	PRIOR	FY19	FY20	FY21	FY22	FY23	FY24	TOTAL
EXPENDITURES:								
Pre-Design								
Design								
Purch/Const.		90,000		90,000		95,000		275,000
TOTAL		\$90,000		\$90,000		\$95,000		\$275,000
FUNDING:								
Current Rev.		\$90,000		\$90,000		\$95,000		\$275,000
Seg. Funds								
Borrow								
Federal								
State								
Other								
TOTAL		\$90,000		\$90,000		\$95,000		\$275,000
OPERATING BUDGET IMPACT:								
Personnel								
Non-Personnel								
Capital								
TOTAL								



CITY OF BERLIN, NH
2019 - 2024 CIP Project Description

GENERAL PROJECT DATA:		MASTER PLAN INFORMATION: Project listed in MP? no	PROJECT NEED	PROJECT SCHEDULE	FY19				FY20				FY21				FY22				FY23				FY24			
Project Name: <u>Hill/BMS restrooms</u>					1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4
Department: Schools			Mandate		X				X				X															
Location: Hillside & BMS			Council Goal																									
			Dept. Goal	X																								

PROJECT DESCRIPTION, RATIONALE & OPERATING BUDGET IMPACT

DESCRIPTION: Renovation of Hillside restrooms (1 boys and 1 girls, Cafeteria area)
Renovation of BMS restrooms (2 boys and 2 girls, behind auditorium and in BMS basement)

PRIORITY IN RELATION TO OTHER PROJECTS

HIGH ☐

MEDIUM ☒

LOW ☐

RATIONALE: Plumbing and tile upgrades, vandal-proof stalls

OPERATING BUDGET IMPACT:

FINANCIAL PLAN

	PRIOR	FY19	FY20	FY21	FY22	FY23	FY24	TOTAL
EXPENDITURES:								
Pre-Design								
Design								
Purch/Const.		35,000		35,000				70,000
TOTAL		\$35,000		\$35,000				\$70,000
FUNDING:								
Current Rev.		\$35,000		\$35,000				\$70,000
Seg. Funds								
Borrow								
Federal								
State								
Other								
TOTAL		\$35,000		\$35,000				\$70,000
OPERATING BUDGET IMPACT:								
Personnel								
Non-Personnel								
Capital								
TOTAL								



CITY OF BERLIN, NH
2019 - 2024 CIP Project Description

GENERAL PROJECT DATA:			MASTER PLAN INFORMATION: Project listed in MP? no	PROJECT	PROJECT	FY19				FY20				FY21				FY22				FY23				FY24			
Project Name: <u>Fire Alarm System Replacement</u>				NEED	SCHEDULE	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4
Department: Schools				Mandate										X															
Location: Brown School				Council Goal																									
				Dept. Goal																									

PROJECT DESCRIPTION, RATIONALE & OPERATING BUDGET IMPACT

DESCRIPTION: Replacement fire alarm panel and alarm system, originally installed 11/26/96

PRIORITY IN RELATION TO OTHER PROJECTS

HIGH ☒

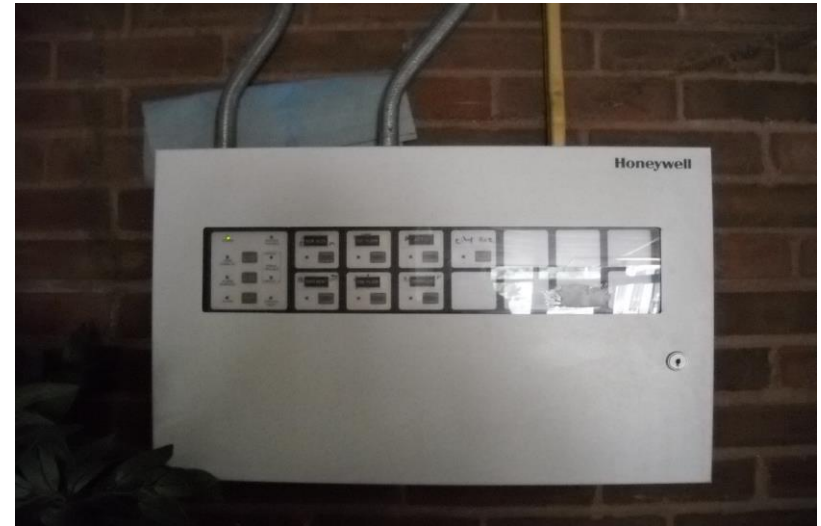
MEDIUM ☐

LOW ☐

RATIONALE: Brown School fire alarm system is inspected annually. Because of its age, replacement parts are no longer available.

OPERATING BUDGET IMPACT:

FINANCIAL PLAN								
	PRIOR	FY19	FY20	FY21	FY22	FY23	FY24	TOTAL
EXPENDITURES:								
Pre-Design								
Design								
Purch/Const.				50,000				50,000
TOTAL				\$50,000				\$50,000
FUNDING:								
Current Rev.				\$50,000				\$50,000
Seg. Funds								
Borrow								
Federal								
State								
Other								
TOTAL				\$50,000				\$50,000
OPERATING BUDGET IMPACT:								
Personnel								
Non-Personnel								
Capital								
TOTAL								



CITY OF BERLIN, NH
2019 - 2024 CIP Project Description

GENERAL PROJECT DATA:			MASTER PLAN INFORMATION: Project listed in MP? no		PROJECT NEED		PROJECT SCHEDULE				FY19				FY20				FY21				FY22				FY23				FY24			
Project Name: <u>Marston School Doors</u>							1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4				
Department: Schools					Mandate																		X											
Location: Marston building					Council Goal																													
					Dept. Goal	X																												

PROJECT DESCRIPTION, RATIONALE & OPERATING BUDGET IMPACT

DESCRIPTION: Replace 2 entrance doors to Marston Building

PRIORITY IN RELATION TO OTHER PROJECTS

HIGH ☒

MEDIUM ☐

LOW ☐

RATIONALE: Not energy efficient and drafty

OPERATING BUDGET IMPACT:

FINANCIAL PLAN

	PRIOR	FY19	FY20	FY21	FY22	FY23	FY24	TOTAL
EXPENDITURES:								
Pre-Design								
Design								
Purch/Const.						15,000		15,000
TOTAL						\$15,000		\$15,000
FUNDING:								
Current Rev.						\$15,000		\$15,000
Seg. Funds								
Borrow								
Federal								
State								
Other								
TOTAL						\$15,000		\$15,000
OPERATING BUDGET IMPACT:								
Personnel								
Non-Personnel								
Capital								
TOTAL								



CITY OF BERLIN, NH
2019 - 2024 CIP Project Description

GENERAL PROJECT DATA:		MASTER PLAN INFORMATION: Project listed in MP? no	PROJECT NEED		PROJECT SCHEDULE				FY19				FY20				FY21				FY22				FY23				FY24			
Project Name: <u>BHS Science Classrooms</u>					1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4				
Department: Schools			Mandate														X															
Location: Berlin High School			Council Goal																													
			Dept. Goal		X																											

PROJECT DESCRIPTION, RATIONALE & OPERATING BUDGET IMPACT

DESCRIPTION: Renovation 4 science classrooms with upgraded technology, safety units, work stations

PRIORITY IN RELATION TO OTHER PROJECTS

HIGH ☒

MEDIUM ☐

LOW ☐

RATIONALE: Current science classes have not had replacemnt furniture or equipment since the original construction (1972).
There is inadequate power stations or lab work stations.

OPERATING BUDGET IMPACT:

FINANCIAL PLAN

	PRIOR	FY19	FY20	FY21	FY22	FY23	FY24	TOTAL
EXPENDITURES:								
Pre-Design								
Design								
Purch/Const.					1,200,000			1,200,000
TOTAL					\$1,200,000			\$1,200,000
FUNDING:								
Current Rev.					#####			\$1,200,000
Seg. Funds								
Borrow								
Federal								
State								
Other								
TOTAL					\$1,200,000			\$1,200,000
OPERATING BUDGET IMPACT:								
Personnel								
Non-Personnel								
Capital								
TOTAL								



CITY OF BERLIN, NH
2019 - 2024 CIP Project Description

GENERAL PROJECT DATA:			MASTER PLAN INFORMATION: Project listed in MP? no		PROJECT NEED		PROJECT SCHEDULE				FY19				FY20				FY21				FY22				FY23				FY24			
Project Name: <u>BMS Chimney</u>							1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4				
Department: Schools					Mandate																						X							
Council Goal																																		
Location: Berlin Middle School					Dept. Goal																													

PROJECT DESCRIPTION, RATIONALE & OPERATING BUDGET IMPACT

DESCRIPTION: BMS Chimney Lining

PRIORITY IN RELATION TO OTHER PROJECTS

HIGH ☒

MEDIUM ☐

LOW ☐

RATIONALE: Some chipped areas, had some repairs in about 2002

OPERATING BUDGET IMPACT:

FINANCIAL PLAN

	PRIOR	FY19	FY20	FY21	FY22	FY23	FY24	TOTAL
EXPENDITURES:								
Pre-Design								
Design								
Purch/Const.							50,000	50,000
TOTAL							\$50,000	\$50,000
FUNDING:								
Current Rev.							\$50,000	\$50,000
Seg. Funds								
Borrow								
Federal								
State								
Other								
TOTAL							\$50,000	\$50,000
OPERATING BUDGET IMPACT:								
Personnel								
Non-Personnel								
Capital								
TOTAL								



CITY OF BERLIN, NH
2019 - 2024 CIP Project Description

GENERAL PROJECT DATA:		MASTER PLAN INFORMATION: Project listed in MP? no	PROJECT NEED		PROJECT SCHEDULE				FY19				FY20				FY21				FY22				FY23				FY24			
Project Name: <u>Hillside/Marston Fencing</u>						1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4			
Department: Schools			Mandate																													
Location: Hillside/Marston Schools			Council Goal																													
			Dept. Goal	X										X																		

PROJECT DESCRIPTION, RATIONALE & OPERATING BUDGET IMPACT

DESCRIPTION: Replacement of chain link fencing along an alleyway on the side of Hillside School, Willard St. side
Hillside/Marston playground chain link fence replacement

PRIORITY IN RELATION TO OTHER PROJECTS

HIGH ☒

MEDIUM ☐

LOW ☐

RATIONALE: Safety

OPERATING BUDGET IMPACT:

FINANCIAL PLAN

	PRIOR	FY19	FY20	FY21	FY22	FY23	FY24	TOTAL
EXPENDITURES:								
Pre-Design								
Design								
Purch/Const.				45,000				45,000
TOTAL				\$45,000				\$45,000
FUNDING:								
Current Rev.				\$45,000				\$45,000
Seg. Funds								
Borrow								
Federal								
State								
Other								
TOTAL				\$45,000				\$45,000
OPERATING BUDGET IMPACT:								
Personnel								
Non-Personnel								
Capital								
TOTAL								



CITY OF BERLIN, NH
2019 - 2024 CIP Project Description

GENERAL PROJECT DATA:		MASTER PLAN INFORMATION: Project listed in MP? no	PROJECT NEED		PROJECT SCHEDULE				FY19				FY20				FY21				FY22				FY23				FY24			
Project Name: <u>Hillside, BMS,BHS Main Entrance and Secure</u>							1 2 3 4				1 2 3 4				1 2 3 4				1 2 3 4				1 2 3 4				1 2 3 4					
Department: Schools			Mandate								X																					
Location: Hillside/Central Office/BMS/BHS			Council Goal																													
			Dept. Goal		X																											

PROJECT DESCRIPTION, RATIONALE & OPERATING BUDGET IMPACT

DESCRIPTION: Renovate and redesign a safer public entrance to the main Hillside building and BMS complex

PRIORITY IN RELATION TO OTHER PROJECTS

HIGH ☒

RATIONALE: School safety and security

MEDIUM ☐

LOW ☐

OPERATING BUDGET IMPACT:

FINANCIAL PLAN

	PRIOR	FY19	FY20	FY21	FY22	FY23	FY24	TOTAL
EXPENDITURES:								
Pre-Design								
Design								
Purch/Const.			900,000					900,000
TOTAL			\$900,000					\$900,000
FUNDING:								
Current Rev.			\$900,000					\$900,000
Seg. Funds								
Borrow								
Federal								
State								
Other								
TOTAL			\$900,000					\$900,000
OPERATING BUDGET IMPACT:								
Personnel								
Non-Personnel								
Capital								
TOTAL								



CITY OF BERLIN, NH
2019 - 2024 CIP Project Description

GENERAL PROJECT DATA:			MASTER PLAN INFORMATION: Project listed in MP? no		PROJECT NEED		PROJECT SCHEDULE				FY19				FY20				FY21				FY22				FY23				FY24			
Project Name: BHS Lecture Hall							1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4				
Department: Schools					Mandate															X														
Location: BHS Lecture Hall					Council Goal																													
					Dept. Goal																													

PROJECT DESCRIPTION, RATIONALE & OPERATING BUDGET IMPACT

DESCRIPTION: Renovate Lecture Hall to a modern accoustical presentation and meeting facility

PRIORITY IN RELATION TO OTHER PROJECTS

HIGH ☒

MEDIUM ☐

LOW ☐

RATIONALE: Lecture Hall has not had upgraded technology or accoustical ceilings or walls, furniture has been damaged and removed on a gradual basis.

OPERATING BUDGET IMPACT:

FINANCIAL PLAN

	PRIOR	FY19	FY20	FY21	FY22	FY23	FY24	TOTAL
EXPENDITURES:								
Pre-Design								
Design								
Purch/Const.					85,000			85,000
TOTAL					\$85,000			\$85,000
FUNDING:								
Current Rev.					\$85,000			\$85,000
Seg. Funds								
Borrow								
Federal								
State								
Other								
TOTAL					\$85,000			\$85,000
OPERATING BUDGET IMPACT:								
Personnel								
Non-Personnel								
Capital								
TOTAL								



CITY OF BERLIN, NH
2019 - 2024 CIP Project Description

GENERAL PROJECT DATA: Project Name: <u>BMS Boiler</u> Department: Schools Location: BMS		MASTER PLAN INFORMATION: Project listed in MP? no	PROJECT NEED		PROJECT SCHEDULE				FY19				FY20				FY21				FY22				FY23				FY24			
			Mandate																													
			Council Goal																													
			Dept. Goal																													

PROJECT DESCRIPTION, RATIONALE & OPERATING BUDGET IMPACT

DESCRIPTION: Remove and replace the HB Smith boiler, burner, breaching and bring the system up to code including engineered drawings.

PRIORITY IN RELATION TO OTHER PROJECTS

HIGH ☐

MEDIUM ☒

LOW ☐

RATIONALE: Current HB Smith boiler is 36 years old and has life cycle deterioration

OPERATING BUDGET IMPACT:

FINANCIAL PLAN

	PRIOR	FY19	FY20	FY21	FY22	FY23	FY24	TOTAL
EXPENDITURES:								
Pre-Design								
Design								
Purch/Const.							160,000	160,000
TOTAL							\$160,000	\$160,000
FUNDING:								
Current Rev.							\$160,000	\$160,000
Seg. Funds								
Borrow								
Federal								
State								
Other								
TOTAL							\$160,000	\$160,000
OPERATING BUDGET IMPACT:								
Personnel								
Non-Personnel								
Capital								
TOTAL								



CITY OF BERLIN, NH
2019 - 2024 CIP Project Description

GENERAL PROJECT DATA:		MASTER PLAN INFORMATION: Project listed in MP? no	PROJECT NEED		PROJECT SCHEDULE				FY19				FY20				FY21				FY22				FY23				FY24			
Project Name: <u>Mini-Vans & Utility truck</u>						1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4			
Department: Schools			Mandate								X					X											X					
Council Goal																																
Location: Schools			Dept. Goal	X																												

PROJECT DESCRIPTION, RATIONALE & OPERATING BUDGET IMPACT

DESCRIPTION: Replacement Minivan #1, 2010 Kia Sedonna, 145,237 miles as of Nov. 6, 2017
Replacement Minivan #2, 2014 Kia Sedonna, 65,583 miles as of Nov. 6, 2017
Replacement pick-up truck, 2008 Ford F250 Pickup,(estimated 54,000 miles) for a superduty dumpbody truck

PRIORITY IN RELATION TO OTHER PROJECTS

HIGH ☒
MEDIUM ☐
LOW ☐

RATIONALE: Safety and efficiency

OPERATING BUDGET IMPACT:

FINANCIAL PLAN

	PRIOR	FY19	FY20	FY21	FY22	FY23	FY24	TOTAL
EXPENDITURES:								
Pre-Design								
Design								
Purch/Const.			25,000		30,000		55,000	110,000
TOTAL			\$25,000		\$30,000		\$55,000	\$110,000
FUNDING:								
Current Rev.			\$25,000		\$30,000		\$55,000	\$110,000
Seg. Funds								
Borrow								
Federal								
State								
Other								
TOTAL			\$25,000		\$30,000		\$55,000	\$110,000
OPERATING BUDGET IMPACT:								
Personnel								
Non-Personnel								
Capital								
TOTAL								



CITY OF BERLIN, NH

2019 - 2024 CIP Project Description

GENERAL PROJECT DATA:		MASTER PLAN INFORMATION: Project listed in MP? NO	PROJECT	PROJECT	FY19				FY20				FY21				FY22				FY23				FY24			
Project Name:	Cost Replacement		NEED	SCHEDULE	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4
Department:	Waste Water Treatment		Mandate																									
Location:	10 Shelby Street		Council Goal																									
			Dept. Goal					x																				

PROJECT DESCRIPTION, RATIONALE & OPERATING BUDGET IMPACT

DESCRIPTION

Spare 8" AUMA Pinch Valve (Actuator) for RAS Control	\$13,500
Utility Body for F350 Pick Up Truck	\$10,000
Fill Drainage Ditch by Effluent Discharge Main Plant with new Culvert and backfill to level grade.	\$35,000
Fenceline Upgrade and Replacements for around Perimeter	\$48,000
	\$106,500

PRIORITY IN RELATION TO OTHER PROJECTS

HIGH ☐

MEDIUM ☐

LOW ☒

RATIONALE

The WWTF is a facility made up of large expensive pieces of machinery, equipment and vehicles which need replacement on a regular basis.

OPERATING BUDGET IMPACT

FINANCIAL PLAN

	PRIOR	FY19	FY20	FY21	FY22	FY23	FY24	TOTAL
EXPENDITURES								
Design								\$ -
Management		\$ 400	\$ 700	\$ 400				\$ 1,500
Equipment		\$ 11,000	\$ 39,000	\$ 40,000				\$ 90,000
Construction		\$ 4,000	\$ 1,000	\$ 10,000				\$ 15,000
TOTAL	\$ -	\$ 15,400	\$ 40,700	\$ 50,400				\$ 106,500
FUNDING								
Current Rev.	\$ 3,255,259	\$ (15,400)	\$ (40,700)	\$ (50,400)				\$ 3,148,759
Seg. Funds	\$ 460,000							\$ 460,000
Borrow								
Federal								
State								
Other								
TOTAL	\$ 3,715,259	\$ (15,400)	\$ (40,700)	\$ (50,400)				\$ 3,608,759
OPERATING BUDGET IMPACT								
Personnel								
Non-Personnel								
Capital								
TOTAL								

(MAP OR PLAN OF PROJECT OR BOTH)

CITY OF BERLIN, NH
2019 - 2024 CIP Project Description

GENERAL PROJECT DATA:		MASTER PLAN INFORMATION: Project listed in MP? NO	PROJECT NEED		FY19 SCHEDULE	FY19				FY20				FY21				FY22				FY23				FY24			
Project Name: <u>Utility Mapping</u>			Mandate			1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4				
Department: Waste Water Treatment			Council Goal																										
Location: Various			Dept. Goal		x	x				x				x				x				x							

PROJECT DESCRIPTION, RATIONALE & OPERATING BUDGET IMPACT

DESCRIPTION:

Map General Fund utilities and other assets by gps for importation in gis
(storm drain lines, signage, retaining walls, etc...)

PRIORITY IN RELATION TO OTHER PROJECTS

HIGH ☒

MEDIUM ☐

LOW ☐

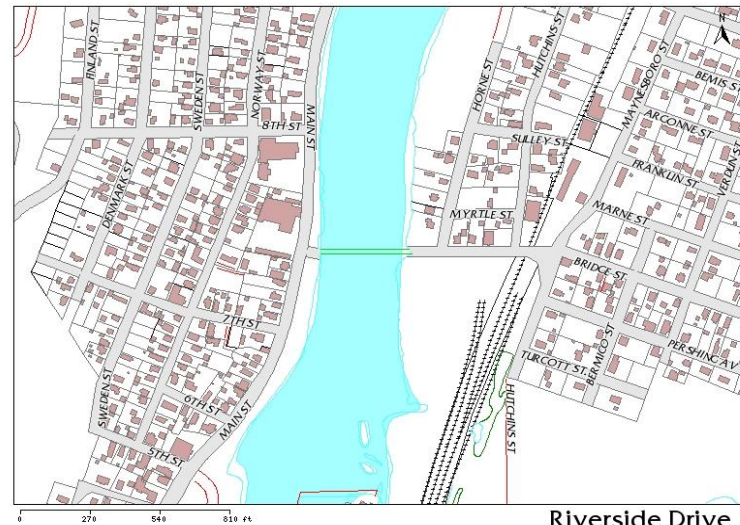
RATIONALE:

Update mapping in comprehensive GIS

OPERATING BUDGET IMPACT

FINANCIAL PLAN

	PRIOR	FY19	FY20	FY21	FY22	FY23	FY24	TOTAL
EXPENDITURES:								
Design								
Management								
Equipment								
Construction								
TOTAL		\$10,000	\$10,000	\$10,000	\$5,000	\$5,000	\$5,000	\$45,000
FUNDING:								
Current Rev.								
Seg. Funds	7,320							7,320
Borrow								
Federal								
State								
Other								
TOTAL	\$7,320							\$7,320
OPERATING BUDGET IMPACT:								
Personnel								
Non-Personnel								
Capital								
TOTAL								



CITY OF BERLIN, NH
2019 - 2024 CIP Project Description

GENERAL PROJECT DATA:		MASTER PLAN INFORMATION: Project listed in MP? NO	PROJECT NEED	SCHEDULE	FY19				FY20				FY21				FY22				FY23				FY24			
Project Name: <u>Sanitary Line Replacement</u>					1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4
Department: Waste Water Treatment			Mandate																									
Location: Various			Council Goal																									
		Dept. Goal		x	x				x				x				x				x							

PROJECT DESCRIPTION, RATIONALE & OPERATING BUDGET IMPACT

DESCRIPTION: Remove and replace old sewer lines throughout the city
Sanitary Sewer lines that were not replaced in the Sewer Separation Project of 1979/1980
(Some date back to the 1930's and 1940's)

PRIORITY IN RELATION TO OTHER PROJECTS

Upper Hillsboro St	\$120,000	11th St	\$50,000
Main Street structures	\$150,000	Willard St	\$70,000
Goebel Street	\$120,000	Pleasant St structures	\$140,000
Viking Street	\$70,000	Norway St	\$60,000
Sweden Street	\$60,000		
\$520,000		\$320,000	
		\$840,000	

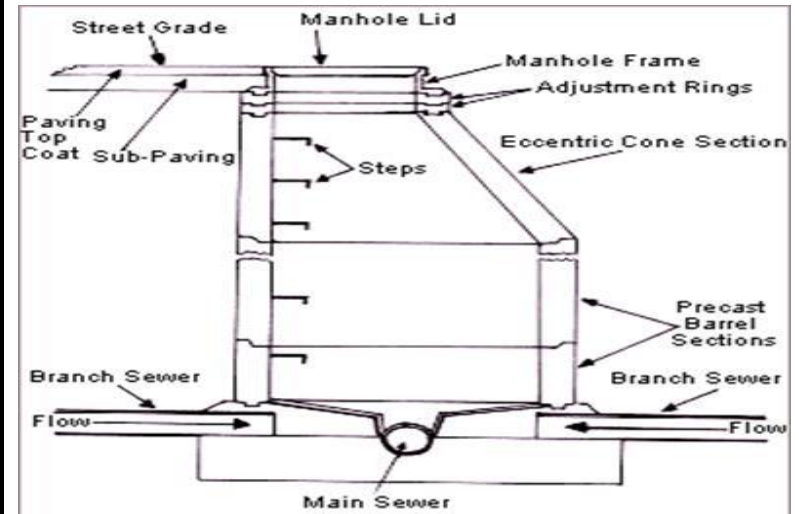
HIGH ☒
MEDIUM ☐
LOW ☐

RATIONALE:

OPERATING BUDGET IMPACT

FINANCIAL PLAN

	PRIOR	FY19	FY20	FY21	FY22	FY23	FY24	TOTAL
EXPENDITURES:								
Design		\$20,000	\$20,000	\$20,000	\$20,000	\$20,000	\$20,000	\$120,000
Management		100,000	100,000	100,000	100,000	100,000	100,000	600,000
Equipment								
Construction								
TOTAL		\$120,000	\$120,000	\$120,000	\$120,000	\$120,000	\$120,000	\$720,000
FUNDING:								
Current Rev.		\$ 120,000	\$ 120,000	\$ 120,000	\$ 120,000	\$ 120,000	\$ 120,000	\$ 720,000
Seg. Funds	\$ 22,048.55							\$ 22,048.55
Borrow								
Federal								
State								
Other								
TOTAL	\$22,049	\$120,000	\$120,000	\$120,000	\$120,000	\$120,000	\$120,000	\$742,049
OPERATING BUDGET IMPACT:								
Personnel								
Non-Personnel								
Capital								
TOTAL								



CITY OF BERLIN, NH

2019 - 2024 CIP Project Description

GENERAL PROJECT DATA:		MASTER PLAN INFORMATION:		PROJECT NEED		PROJECT SCHEDULE		FY19		FY20		FY21		FY22		FY23		FY24	
Project Name: Modernize Dead River (Bass Shoe) Pump Station		Project listed in MP?		NO				1 2 3 4		1 2 3 4		1 2 3 4		1 2 3 4		1 2 3 4		1 2 3 4	
Department: Waste Water Treatment						Mandate													
Location: 200 Jericho Road						Council Goal													
						Dept. Goal		x		x x		x x x							

PROJECT DESCRIPTION, RATIONALE & OPERATING BUDGET IMPACT

Comprehensive upgrade of the existing Pump Station, including extending sewer NW along Jericho Road

DESCRIPTION

Upgrade Connecting Sewer and Pump Station to Wright-Pierce Technical Memorandum recommendations of 8/8/2017.

This would be a comprehensive upgrade of the existing Pump Station.

RATIONALE:

Upgrade 40 year old Infrastructure to modern standards and put Pump Station in condition for likely growth from proposed Campground and tourism developments along Jericho Road.

PRIORITY IN RELATION TO OTHER PROJECTS

HIGH ☒

MEDIUM ☐

LOW ☐

OPERATING BUDGET IMPACT

Medium Impact unless Cash Flow is a problem.

FINANCIAL PLAN								
	PRIOR	FY19	FY20	FY21	FY22	FY23	FY24	TOTAL
EXPENDITURES								
Design	\$ 15,000	\$ 10,000						\$ 25,000
Management		\$ 150,000	\$ 20,000	\$ 10,000				\$ 180,000
Equipment			\$ 155,000	\$ 50,000				\$ 205,000
Construction		\$ 30,000	\$ 200,000	\$ 50,000				\$ 280,000
TOTAL	\$ 15,000	\$ 190,000	\$ 375,000	\$ 110,000	\$ -	\$ -	\$ -	\$ 690,000
FUNDING								
Current Rev.	\$ 3,255,259	\$ (190,000)	\$ (375,000)	\$ (110,000)				\$2,580,259
Seg. Funds								
Borrow								
Federal								
State								
Other								
TOTAL	\$3,255,259	(\$190,000)	(\$375,000)	(\$110,000)	\$0	\$0	\$0	\$ 2,580,259
OPERATING BUDGET IMPACT								
Personnel								
Non-Personnel								
Capital		\$ 190,000	\$ 375,000	\$ 125,000				\$ 690,000
TOTAL	\$0	\$190,000	\$375,000	\$125,000	\$0	\$0	\$0	\$690,000



CITY OF BERLIN, NH
2019 - 2024 CIP Project Description

GENERAL PROJECT DATA:		MASTER PLAN INFORMATION:		PROJECT NEED	PROJECT SCHEDULE	FY19	FY20	FY21	FY22	FY23	FY24
Project Name: <u>Modernize Devens Street Pump Station</u>		Project listed in MP?				1 2 3 4	1 2 3 4	1 2 3 4	1 2 3 4	1 2 3 4	1 2 3 4
Department: Waste Water Treatment		NO		Mandate							
Location: 52 Shelby Street				Council Goal							
				Dept. Goal	x			x	x x x		

PROJECT DESCRIPTION, RATIONALE & OPERATING BUDGET IMPACT

DESCRIPTION

Upgrade Pump Station to Wright-Pierce Comprehensive Plant Evaluation recommendations of 2002. Revisit Evaluation for completeness and modernize to current standards.

RATIONALE

Modernize 35 year old Pump Station to new Design Standards, converting DryWell system to Wetwell type, with new PLC-based Controls. New Pumps, new controls and a larger building will be required. Bypass pumping will be required before new systems are in place.

OPERATING BUDGET IMPACT

Medium Impact unless Cash Flow is a problem.

PRIORITY IN RELATION TO OTHER PROJECTS

HIGH ☐

MEDIUM ☒

LOW ☐

FINANCIAL PLAN

	PRIOR	FY19	FY20	FY21	FY22	FY23	FY24	TOTAL
EXPENDITURES								
Design			\$ 25,000					\$ 25,000
Management					\$ 15,000	\$ 30,000		\$ 45,000
Equipment					\$ 200,000	\$ 50,000		\$ 250,000
Construction					\$ 125,000	\$ 75,000		\$ 200,000
TOTAL	\$ -	\$ -	\$ 25,000	\$ -	\$ 340,000	\$ 155,000	\$ -	\$ 520,000
FUNDING								
Current Rev.	\$ 3,255,259	\$ -	\$ (25,000)	\$ -	\$ (340,000)	\$ (155,000)	\$ -	\$ 2,735,259
Seg. Funds								
Borrow								
Federal								
State								
Other								
TOTAL	\$ 3,255,259	\$ -	\$ (25,000)	\$ -	\$ (340,000)	\$ (155,000)	\$ -	\$ 2,735,259
OPERATING BUDGET IMPACT								
Personnel								
Non-Personnel								
Capital	\$ -	\$ -	\$ 25,000	\$ -	\$ 340,000	\$ 155,000	\$ -	\$ 520,000
TOTAL	\$ -	\$ -	\$ 25,000	\$ -	\$ 340,000	\$ 155,000	\$ -	\$ 520,000



CITY OF BERLIN, NH
2019 - 2024 CIP Project Description

GENERAL PROJECT DATA:			MASTER PLAN INFORMATION:		PROJECT NEED	SCHEDULE	FY19	FY20	FY21	FY22	FY23	FY24
Project Name: <u>Modernize Napert Village Pump Station</u>			Project listed in MP?				1 2 3 4	1 2 3 4	1 2 3 4	1 2 3 4	1 2 3 4	1 2 3 4
Department: Waste Water Treatment			NO		Mandate							
Location: 1349 Napert Street					Council Goal							
					Dept. Goal		x		x x x			

PROJECT DESCRIPTION, RATIONALE & OPERATING BUDGET IMPACT

DESCRIPTION

Upgrade Pump Station to Wright-Pierce Comprehensive Plant Evaluation recommendations of 2002. Revisit Evaluation for completeness and modernize to current standards. Pumps were rebuilt in 2017 and a new spare one purchased.

PRIORITY IN RELATION TO OTHER PROJECTS

HIGH ☐

MEDIUM ☒

LOW ☐

RATIONALE

Upgrade 30 year old Infrastructure to modern standards and put Pump Station in condition for possible growth on old Mill site.

OPERATING BUDGET IMPACT

Medium Impact unless Cash Flow is a problem.

FINANCIAL PLAN

	FY19	FY20	FY21	FY22	FY23	FY24	FY25	TOTAL
EXPENDITURES								
Design		\$ 20,000						\$ 20,000
Management				\$ 15,000	\$ 15,000			\$ 30,000
Equipment				\$ 50,000	\$ 100,000			\$ 150,000
Construction				\$ 40,000	\$ 50,000			\$ 90,000
TOTAL	\$ -	\$ 20,000	\$ -	\$ 105,000	\$ 165,000	\$ -	\$ -	\$ 290,000
FUNDING								
Current Revenue	\$ 3,255,259	\$ (20,000)	\$ -	\$ (105,000)	\$ (165,000)	\$ -	\$ -	\$ 2,965,259
Segregated Funds								
Borrow								
Federal								
State								
Other								
TOTAL	\$ 3,255,259	\$ (20,000)	\$ -	\$ (105,000)	\$ (165,000)	\$ -	\$ -	\$ 2,965,259
OPERATING BUDGET IMPACT								
Personnel								
Non-Personnel								
Capital				\$ 105,000	\$ 165,000			\$ 270,000
TOTAL	\$ -	\$ -	\$ -	\$ 105,000	\$ 165,000	\$ -	\$ -	\$ 270,000



CITY OF BERLIN, NH
2019 - 2024 CIP Project Description

GENERAL PROJECT DATA:		MASTER PLAN INFORMATION:	PROJECT NEED	FY19 SCHEDULE	FY19	FY20	FY21	FY22	FY23	FY24
Project Name:	Replace Boiler Administration Building	Project listed in MP?			1 2 3 4	1 2 3 4	1 2 3 4	1 2 3 4	1 2 3 4	1 2 3 4
Department:	Pollution Control Facility	No	Mandate	x						
Location:	Boiler Room		Council Goal							
			Dept. Goal	x	x	"	x x			

PROJECT DESCRIPTION, RATIONALE & OPERATING BUDGET IMPACT

DESCRIPTION: Estimate and Resize Boiler for existing Heat Loadings; Replace

PRIORITY IN RELATION TO OTHER PROJECTS

HIGH ☐

MEDIUM ☐

LOW ☒

RATIONALE: Current Boiler is almost 20 years old when it will be fully depreciated; modifications were made to Building and heating and ventilation system during Phase II Upgrade in the interest of Energy Efficiency and replacing Boiler will complement and complete these improvements .

OPERATING BUDGET IMPACT:
Reduced Fuel Usage and Energy Efficiency.

FINANCIAL PLAN

	PRIOR	FY19	FY20	FY21	FY22	FY23	FY24	Total
EXPENDITURES:								
Pre-Design								
Design	\$ 3,000							3,000
Purch/Const.				\$ 90,000				90,000
TOTAL	\$3,000			\$90,000				\$93,000
FUNDING:								
Current Rev.	\$ 3,255,259			(\$90,000)				\$3,165,259
Seg. Funds								
Borrow								
Federal								
State								
Other								
TOTAL	\$3,255,259			(\$90,000)				\$3,165,259
OPERATING BUDGET IMPACT:								
Personnel								\$0
Non-Personnel								0
Capital				\$ 90,000				90,000
TOTAL	\$0	\$0	\$0	\$90,000	\$0	\$0	\$0	\$90,000



PHOTO OF PROJECT)

CITY OF BERLIN, NH

2019 - 2024 CIP Project Description

GENERAL PROJECT DATA:		MASTER PLAN INFORMATION: Project listed in MP? NO	PROJECT		PROJECT		FY19				FY20				FY21				FY22				FY23				FY24			
Project Name:	<u>Replace Gravity Thickener Covers with 2 new Aluminum Domes</u>		NEED		SCHEDULE		1 2 3 4				1 2 3 4				1 2 3 4				1 2 3 4				1 2 3 4				1 2 3 4			
			Mandate																											
			Council Goal																											
			Dept. Goal				x				x								x x											
Department: Waste Water Treatment																														
Location: Gravity Thickeners																														

PROJECT DESCRIPTION, RATIONALE & OPERATING BUDGET IMPACT

DESCRIPTION

Replace original Fiberglass cover structures with new Aluminum domes, similar in appearance to other 5 domes installed in our upgrade project.

PRIORITY IN RELATION TO OTHER PROJECTS

HIGH ☐

MEDIUM ☐

LOW ☒

RATIONALE

Original covers are made of fiberglass and are fraying and cracking; their appearance is poor and do not resemble our new domes. They are fully depreciated. Also they do not meet current roof loading requirements. Overhead clearance inside existing covers limits working ability for daily routines. Domes protect the equipment and employees working there against extreme cold weather.

OPERATING BUDGET IMPACT

Overhead clearance issue will be corrected; good protection from severe weather will be provided. Their appearance will correspond with new Domes. Excluded from our upgrade project by Value Engineering recommendations, these now have to be purchased out of Capital Budget.

FINANCIAL PLAN								
	Prior	FY19	FY20	FY21	FY22	FY23	FY24	TOTAL
EXPENDITURES								
Design	\$ 2,500							\$ 2,500
Management					\$ 1,000			\$ 1,000
Equipment					\$ 100,000			\$ 100,000
Construction					\$ 10,000			\$ 10,000
TOTAL	\$ 2,500				\$ 111,000			\$ 113,500
FUNDING								
Current Rev.	\$ 3,255,259	\$ -	\$ -	\$ -	\$ (111,000)	\$ -	\$ -	\$ 3,144,259
Seg. Funds								\$ -
Borrow								\$ -
Federal								\$ -
State								\$ -
Other								\$ -
TOTAL	\$ 3,255,259	\$ -	\$ -	\$ -	\$ (111,000)	\$ -	\$ -	\$ 3,144,259
OPERATING BUDGET IMPACT								
Personnel								\$ -
Non-Personnel								\$ -
Capital					\$ 111,000			\$ 111,000
								\$ -
TOTAL					\$ 111,000			\$ 111,000



CITY OF BERLIN, NH

2019 - 2024 CIP Project Description

GENERAL PROJECT DATA:		MASTER PLAN INFORMATION: Project listed in MP? NO	PROJECT	PROJECT	FY19				FY20				FY21				FY22				FY23				FY24			
Project Name:	<u>Modernize Alarm system at Pump Stations</u>		NEED	SCHEDULE	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4
			Mandate																									
			Council Goal																									
			Dept. Goal		x			x		x		x		x														
Department:	Waste Water Treatment																											
Location:	Pump Station Control Panels																											

PROJECT DESCRIPTION, RATIONALE & OPERATING BUDGET IMPACT

DESCRIPTION

Work with System Integrator to replace existing Telephone alarm circuits with new Radio Telemetry equipment that could hit existing Radio Repeater on Cates Hill and send more detailed Alarm indications from Pump Stations.

RATIONALE

Current Telephone system of BANA circuits is obsolete: parts are no longer available and no one knows how to work on this system. Modern Radio Telemetry will transmit to an existing Repeater on Cates Hill and to an existing receiver at the Main Plant to relay Alarms. Further, more specific Alarms can be sent out and received so that response and troubleshooting of problem(s) can be expedited.

OPERATING BUDGET IMPACT

Relieve confusion about who to call for service help. Allow for remote troubleshooting or in planning response to Alarm. Capture real-time remote data into our SCADA system for recording and analysis

PRIORITY IN RELATION TO OTHER PROJECTS

HIGH ☐

MEDIUM ☐

LOW ☒

FINANCIAL PLAN

	PRIOR	FY19	FY20	FY21	FY22	FY23	FY24	TOTAL
EXPENDITURES								
Design		\$ 3,000						\$ 3,000
Management			\$ 1,500					\$ 1,500
Equipment			\$ 30,000					\$ 30,000
Construction			\$ 10,000					\$ 10,000
TOTAL		\$ 3,000	\$ 41,500					\$ 44,500
FUNDING								
Current Revenue	\$ 3,255,259	\$ (3,000)	\$ (41,500)					\$ 3,210,759
Segregated Funds								
Borrow								
Federal								
State								
Other								
TOTAL	\$ 3,255,259	\$ (3,000)	\$ (41,500)					\$ 3,210,759
OPERATING BUDGET IMPACT								
Personnel								
Non-Personnel								
Capital			\$ 41,500					\$ 41,500
TOTAL			\$ 41,500					\$ 41,500



CITY OF BERLIN, NH
2019 - 2024 CIP Project Description

GENERAL PROJECT DATA:		MASTER PLAN INFORMATION:		PROJECT NEED	PROJECT SCHEDULE	FY19	FY20	FY21	FY22	FY23	FY24
Project Name:	Install (UPS) Uninterruptible Power Supply for RAS Box	Project listed in MP?	NO			1 2 3 4	1 2 3 4	1 2 3 4	1 2 3 4	1 2 3 4	1 2 3 4
Department:	Waste Water Treatment			Mandate							
Location:	Treatment Plant			Council Goal							
				Dept. Goal	x	x x	x x				

PROJECT DESCRIPTION, RATIONALE & OPERATING BUDGET IMPACT

DESCRIPTION

Install Uninterruptible Power Supply (back up Power) for automatic RAS control Valves in control box outside. Need to provide backup power for 3 Valves, so they can be closed remotely when Power is lost.

RATIONALE

These Valves drain settled sludge, each from one of our 3 Secondary Clarifiers. In the event of a Power failure these Valves would hold the last position they were in and allow hundreds of gallons of Sludge into the RAS tank, without Power for the Pumps to withdraw it. Sludge would quickly overflow the Tank. With Power available a command could be sent from a PLC (that has UPS backup) that would call these Valves to close quickly and prevent a spillage.

OPERATING BUDGET IMPACT

Clean-up costs from a spillage would be eliminated. Operators could concentrate on finding and fixing the problem and re-establishing power back to the Plant.

PRIORITY IN RELATION TO OTHER PROJECTS

HIGH ☐

MEDIUM ☒

LOW ☐

FINANCIAL PLAN

	PRIOR	FY19	FY20	FY21	FY22	FY23	FY24	TOTAL
EXPENDITURES								
Design	\$ 2,500							\$ 2,500
Management		\$ 1,500						\$ 1,500
Equipment		\$ 30,000						\$ 30,000
Construction		\$ 5,000						\$ 5,000
TOTAL	\$ 2,500	\$ 36,500						\$ 39,000
FUNDING								
Current Rev.	\$ 3,143,782	\$ (36,500)						\$ (39,000)
Seg. Funds								
Borrow								
Federal								
State								
Other								
TOTAL	\$ 3,143,782	\$ (36,500)						\$ 3,107,282
OPERATING BUDGET IMPACT								
Personnel								
Non-Personnel								
Capital		\$ 36,500						\$ 36,500
TOTAL		\$ 36,500						\$ 36,500



CITY OF BERLIN, NH

2019 - 2024 CIP Project Description

GENERAL PROJECT DATA:		MASTER PLAN INFORMATION:		PROJECT NEED	PROJECT SCHEDULE	FY19	FY20	FY21	FY22	FY23	FY24
Project Name: New Airline to Grit Chambers		Project listed in MP?				1 2 3 4	1 2 3 4	1 2 3 4	1 2 3 4	1 2 3 4	1 2 3 4
Department: Waste Water Treatment		NO		Mandate							
Location: Outside and into Primary Pump Room				Council Goal							
				Dept. Goal		x	x x		x x		

PROJECT DESCRIPTION, RATIONALE & OPERATING BUDGET IMPACT

DESCRIPTION

Cut in 8" Schedule 40 Stainless Steel Pipe to main trunk of Airline to Aeration Tanks and run it into the Primary Pump Room where it will tie into existing 3" Grit Chamber Blower Line Header and out to Septic Tank.

RATIONALE

This will take three Blowers off the Grid (depending on need) and load up our big Blowers without having to blow off as much air, hence more energy efficient.

OPERATING BUDGET IMPACT

Take 3 Blowers in Primary Pump Room off the Grid (depending on tanks on line).

PRIORITY IN RELATION TO OTHER PROJECTS

HIGH ☐

MEDIUM ☒

LOW ☐

FINANCIAL PLAN

	PRIOR	FY19	FY20	FY21	FY22	FY23	FY24	TOTAL
EXPENDITURES								
Design	\$ 5,000							\$ 5,000
Management					\$ 5,000			\$ 5,000
Equipment					\$ 12,500			\$ 12,500
Construction					\$ 15,000			\$ 15,000
TOTAL	\$ 5,000				\$ 32,500			\$ 37,500
FUNDING								
Current Rev.	\$ 3,255,259							\$ 3,255,259
Seg. Funds								
Borrow								
Federal								
State								
Other								
TOTAL	\$ 3,255,259							\$ 3,255,259
OPERATING BUDGET IMPACT								
Personnel								
Non-Personnel								
Capital					\$ 32,500			\$ 32,500
TOTAL					\$ 32,500			\$ 32,500



CITY OF BERLIN, NH

2019 - 2024 CIP Project Description

GENERAL PROJECT DATA:				MASTER PLAN INFORM		PROJECT		FY19				FY20				FY21				FY22				FY23				FY24			
Project Name:	Replace Kubota Tractor with new Equipment and Attachments			Project listed in MP?		NEED		SCHEDULE				1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4
Department:	Waste Water Treatment			NO		Mandate																									
Location:	Grounds					Council Goal																									
						Dept. Goal		x						x				x													
PROJECT DESCRIPTION, RATIONALE & OPERATING BUDGET IMPACT																															
DESCRIPTION																PRIORITY IN RELATION TO OTHER PROJECTS															
Replace 1988 L3350 Kubota Tractor/Backhoe with a new Tractor with Snowlower attachment. Looking to modernize tractor for ease of use and more capacity to move snow in winter; modern quick-disconnect attachment versatility; and greater variety of attachments for subsequent purchase.																HIGH <input type="checkbox"/>															
RATIONALE																MEDIUM <input type="checkbox"/>															
The Backhoe component needs to be rebuilt to make it work and we realize we need more capacity to move snow away; also there are many new attachments we could use with the modern quick-disconnect fittings: eg, SnowBlower, Brush, Buckets, etc.																LOW <input checked="" type="checkbox"/>															
OPERATING BUDGET IMPACT																															
FINANCIAL PLAN																															
	PRIOR	FY19	FY20	FY21	FY22	FY23	FY24	TOTAL																							
EXPENDITURES																															
Design	\$ 1,000							\$ 1,000																							
Management																															
Equipment	\$ 35,000	\$ 15,000						\$ 50,000																							
Construction																															
TOTAL	\$ 1,000	\$ 35,000	\$ 15,000					\$ 51,000																							
FUNDING																															
Current Revenue	\$ 3,255,259	\$ (35,000)	\$ (15,000)					\$ 3,205,259																							
Segregated Funds																															
Borrow																															
Federal																															
State																															
Other																															
TOTAL	\$ 3,255,259	\$ (35,000)	\$ (15,000)					\$ 3,205,259																							
OPERATING BUDGET IMPACT																															
Personnel																															
Non-Personnel																															
Capital	\$ 35,000	\$ 15,000						\$ 50,000																							
TOTAL	\$ 35,000	\$ 15,000						\$ 50,000																							
SF-12																															



CITY OF BERLIN, NH

2019 - 2024 CIP Project Description

GENERAL PROJECT DATA:		MASTER PLAN INFORMATION: Project listed in MP? NO	PROJECT NEED	PROJECT SCHEDULE	FY19				FY20				FY21				FY22				FY23				FY24			
Project Name:	<u>Upgrade Control Panels & VGD at Armory & Dairy Bar Pump Stations</u>				1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4
Department:	Waste Water Treatment		Mandate																									
Location:	Pump Station Control Panels		Council Goal																									
			Dept. Goal	x	x				x				x				x				x				x			

PROJECT DESCRIPTION, RATIONALE & OPERATING BUDGET IMPACT

DESCRIPTION

Work with System Integrator to design replacement Control Panels to control 2 Pumps in Wetwell based on flow, 2 new Variable Frequency Drives, Radio and support equipment for Telemetry to our Main Plant for Alarms and remote control capabilities at 2 Pump Stations.

RATIONALE

Current US Filter Control Panels were put in service in 2000 when these Pump Stations were completely rebuilt. They are reaching the end of their dependable service life and need modern equipments installed. Radio Telemetry will increase our ability to monitor and control these stations from remote locations through our SCADA system at the Main Plant. The Variable Frequency Drives are of the same vintage and should be replaced with new Allen-Bradley's for commonality of equipments. familiarity and ease of Maintenance.

PRIORITY IN RELATION TO OTHER PROJECTS

HIGH ☐

MEDIUM ☒

LOW ☐

OPERATING BUDGET IMPACT

Modernizing this equipment gives us all the advantages of technology: familiarity, ease of finding replacements, and new capabilities such as Remote Telemetry, Energy Efficiency, more Operating information and easier-to-obtain information when troubleshooting.

FINANCIAL PLAN

	PRIOR	FY19	FY20	FY21	FY22	FY23	FY24	TOTAL
EXPENDITURES								
Design	\$ 3,000							\$ 3,000
Management		\$ 15,000						\$ 15,000
Equipment		\$ 85,000						\$ 85,000
Construction		\$ 30,000						\$ 30,000
TOTAL	\$ 3,000	\$ 130,000						\$ 133,000

FUNDING

Current Revenue		\$ 130,000						\$ 130,000
Segregated Funds								
Borrow								
Federal								
State								
Other								
TOTAL		\$ 130,000						\$ 130,000

OPERATING BUDGET IMPACT

Personnel								
Non-Personnel								
Capital								
TOTAL								



CITY OF BERLIN, NH
2019 - 2024 CIP Project Description

GENERAL PROJECT DATA:			MASTER PLAN INFORMATION: Project listed in MP?	PROJECT NEED	PROJECT SCHEDULE	FY19				FY20				FY21				FY22				FY23				FY24			
Project Name: <u>AV Fuel Storage System</u>						1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4
Department: Berlin Regional Airport				Mandate						X X X X																			
Location: 800 East Side River Road, Milan				Council Goal																									
				Dept. Goal	X																								

PROJECT DESCRIPTION, RATIONALE & OPERATING BUDGET IMPACT

DESCRIPTION: Replace our existing AVgas fuel storage system with a new 6000 gallon tank
Upgrade both our rotating beacons and windsock.
Overlay pavement on hangar Alley.
Continue with Hazard Beacon Line clearing from last year.

PRIORITY IN RELATION TO OTHER PROJECTS

HIGH ☐

MEDIUM ☒

LOW ☐

RATIONALE:
100LL tank will need to be replaced or recertified due to being more than 20 years old.
As the Airport becomes busier the need for new hangars and increased ramp area will be necessary.
Both the rotating beacon and windcone structure date back to the 1950's and have outlived their useful life and need to be upgraded.

OPERATING BUDGET IMPACT:

FINANCIAL PLAN								
	PRIOR	FY19	FY20	FY21	FY22	FY23	FY24	TOTAL
EXPENDITURES:								
Pre-Design								
Design								
Purch/Const.								
TOTAL								
FUNDING:								
Current Rev.			\$24,737					\$24,737
Seg. Funds								
Borrow								
Federal			\$395,792					395,792
State			24,737					24,737
Other								
TOTAL			\$445,266					\$445,266
OPERATING BUDGET IMPACT:								
Personnel								
Non-Personnel								
Capital								
TOTAL								



CITY OF BERLIN, NH
2019 - 2024 CIP Project Description

GENERAL PROJECT DATA:		MASTER PLAN INFORMATION: Project listed in MP?	PROJECT NEED		PROJECT SCHEDULE				FY19				FY20				FY21				FY22				FY23				FY24			
Project Name: Master Plan Update						1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4			
Department: Airport			Mandate																													
Location: 800 East Side River Road, Milan			Council Goal																													
			Dept. Goal																													

PROJECT DESCRIPTION, RATIONALE & OPERATING BUDGET IMPACT

DESCRIPTION: Update our 2005 Master Plan and reconstruct the pavement on Hanagar Alley

PRIORITY IN RELATION TO OTHER PROJECTS

HIGH ☐

MEDIUM ☐

LOW ☒

RATIONALE:

(Cost/Benefit, Need and/or Service Standard)

As the Airport becomes busier the need for new hangars and increased ramp area will be necessary.

OPERATING BUDGET IMPACT:

5% of total project cost

FINANCIAL PLAN

	PRIOR	FY19	FY20	FY21	FY22	FY23	FY24	TOTAL
EXPENDITURES:								
Pre-Design								
Design								
Purch/Const.								
TOTAL								
FUNDING:								
Current Rev.							\$5,000	\$5,000
Seg. Funds								
Borrow								
Federal							90,000	90,000
State							5,000	5,000
Other								
TOTAL							\$100,000	\$100,000
OPERATING BUDGET IMPACT:								
Personnel								
Non-Personnel								
Capital								
TOTAL								



CITY OF BERLIN, NH
2019 - 2024 CIP Project Description

GENERAL PROJECT DATA:			MASTER PLAN INFORMATION: Project listed in MP?	PROJECT NEED		PROJECT SCHEDULE				FY19				FY20				FY21				FY22				FY23				FY24			
Project Name: <u>Runway 18 36 Pavement Maintenance & Marking</u>								1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4		
Department: Berlin Regional Airport				Mandate		X		X																									
Location:				Council Goal																													
				Dept. Goal																													

PROJECT DESCRIPTION, RATIONALE & OPERATING BUDGET IMPACT

DESCRIPTION: Runway 18 36 Pavement Maintenance and Marking
Tree and Brush Removal, Replace two marking Signs.

PRIORITY IN RELATION TO OTHER PROJECTS

HIGH ☒

MEDIUM ☐

LOW ☐

RATIONALE: Existing pavement experincing areas of gaps and separation.
Existing pavement markings are faded and need to be repainted
Two faded runway sings need replacing.

OPERATING BUDGET IMPACT:

FINANCIAL PLAN

	PRIOR	FY19	FY20	FY21	FY22	FY23	FY24	TOTAL
EXPENDITURES:								
Pre-Design								
Design								
Purch/Const.								
TOTAL								
FUNDING:								
Current Rev.		\$20,000						\$20,000
Seg. Funds								
Borrow								
Federal		\$400,000						400,000
State		20,000						20,000
Other								
TOTAL		\$440,000						\$440,000
OPERATING BUDGET IMPACT:								
Personnel								
Non-Personnel								
Capital								
TOTAL								



CITY OF BERLIN, NH
2019 - 2024 CIP Project Description

GENERAL PROJECT DATA:			MASTER PLAN INFORMATION: Project listed in MP?	PROJECT NEED	PROJECT SCHEDULE	FY19				FY20				FY21				FY22				FY23				FY24			
Project Name: <u>Ramp Expansion & Hangar Alley Rehab.</u>						1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4
Department: Berlin Regional Airport				Mandate										X X				X X											
Location:				Council Goal																									
				Dept. Goal	X																								

PROJECT DESCRIPTION, RATIONALE & OPERATING BUDGET IMPACT

DESCRIPTION:

Expand the ramp area at the Berlin Airport and reconstruct the pavement on Hangar Alley.

This project would include the area east of Hangar Alley

The new area would be for additional hangars, tie-downs and an area to park aircraft

This is a 2 year project.

RATIONALE:

(Cost/Benefit, Need and/or Service Standard)

As the Airport becomes busier the need for new hangars and increased ramp area will be necessary.

PRIORITY IN RELATION TO OTHER PROJECTS

HIGH ☐

MEDIUM ☐

LOW ☒

OPERATING BUDGET IMPACT:

FINANCIAL PLAN

	PRIOR	FY19	FY20	FY21	FY22	FY23	FY24	TOTAL
EXPENDITURES:								
Pre-Design								
Design				250,000				
Purch/Const.					1,000,000			1,000,000
TOTAL				\$250,000	\$1,000,000			\$1,250,000
FUNDING:								
Current Rev.				\$12,500	\$50,000			\$62,500
Seg. Funds								
Borrow								
Federal				225,000	1,000,000			
State				12,500	50,000			62,500
Other								
TOTAL				\$250,000	\$1,100,000			\$1,350,000
OPERATING BUDGET IMPACT:								
Personnel								
Non-Personnel								
Capital								
TOTAL								



CITY OF BERLIN, NH
2019 - 2024 CIP Project Description

GENERAL PROJECT DATA:		MASTER PLAN INFORMATION: Project listed in MP?	PROJECT NEED	PROJECT SCHEDULE	FY19	FY20	FY21	FY22	FY23	FY24
Project Name:	Hazard Beacon Line Clearing & Replacement of HVAC in Terminal Building				1 2 3 4	1 2 3 4	1 2 3 4	1 2 3 4	1 2 3 4	1 2 3 4
Department:	Berlin Regional Airport		Mandate		X X X X					
Location:	800 East Side River Road, Milan		Council Goal							
			Dept. Goal	X						

PROJECT DESCRIPTION, RATIONALE & OPERATING BUDGET IMPACT

DESCRIPTION: Remove brush and trees from the beacon line right-of-way lines to ensure access and proper operation of the hazard beacons. This project has a projected start up in 2019.
To clear all 6 hazard beacon lines will require a multi year project. The 2 worse lines will be done first.

PRIORITY IN RELATION TO OTHER PROJECTS

HIGH ☒

MEDIUM ☐

LOW ☐

RATIONALE: The Hazard beacon lines have become overgrown and must be cleared to properly maintain the operation of the beacons.

OPERATING BUDGET IMPACT: The hazard clearing part of the project should be 5% of the project cost

FINANCIAL PLAN

	PRIOR	FY19	FY20	FY21	FY22	FY23	FY24	TOTAL
EXPENDITURES:								
Pre-Design								
Design		50,000						50,000
Purch/Const.		150,000						150,000
TOTAL		\$200,000						\$200,000
FUNDING:								
Current Rev.		\$10,000						\$10,000
Seg. Funds								
Borrow								
Federal		\$180,000						180,000
State		10,000						10,000
Other								
TOTAL		\$200,000						\$200,000
OPERATING BUDGET IMPACT:								
Personnel								
Non-Personnel								
Capital								
TOTAL								

(MAP OR PLAN OF PROJECT OR BOTH)

CITY OF BERLIN, NH

2019 - 2024 CIP Project Description

<div>GENERAL PROJECT DATA:</div> <div>Project Name: <u>Terminal Building Replacement</u></div> <div>Department: Berlin Regional Airport</div> <div>Location:</div>		<div>MASTER PLAN INFORMATION:</div> <div>Project listed in MP?</div>		PROJECT NEED		PROJECT SCHEDULE		FY19				FY20				FY21				FY22				FY23				FY24				
								1 2 3 4				1 2 3 4				1 2 3 4				1 2 3 4				1 2 3 4				1 2 3 4				
				Mandate		X							X X												X							
				Council Goal																												
				Dept. Goal																												

PROJECT DESCRIPTION, RATIONALE & OPERATING BUDGET IMPACT

DESCRIPTION: Replacement of existing Terminal Building. This building is atleast 74 years old and needs many upgrades.

PRIORITY IN RELATION TO OTHER PROJECTS

HIGH ☒

MEDIUM ☐

LOW ☐

RATIONALE:

Just replacing the HVAC in the existing terminal building will be about the same cost as replacing the whole building with a new one.
 The FAA/State will only reimburse 50% on a HVAC replacement , compared to 95% on a brand new building.

OPERATING BUDGET IMPACT:

FINANCIAL PLAN

	PRIOR	FY19	FY20	FY21	FY22	FY23	FY24	TOTAL
EXPENDITURES:								
Pre-Design			\$25,000					
Design			100,000					
Purch/Const.			400,000					
TOTAL			\$525,000					\$525,000
FUNDING:								
Current Rev.			\$25,000					\$25,000
Seg. Funds								
Borrow								
Federal			\$475,000					475,000
State			25,000					25,000
Other								
TOTAL			\$525,000					\$525,000
OPERATING BUDGET IMPACT:								
Personnel								
Non-Personnel								
Capital								
TOTAL								

