

2018-2023

Capital Improvement



City of Berlin, NH

City Manager's Office



Date: November 15, 2016

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 2018 through FY 2023 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

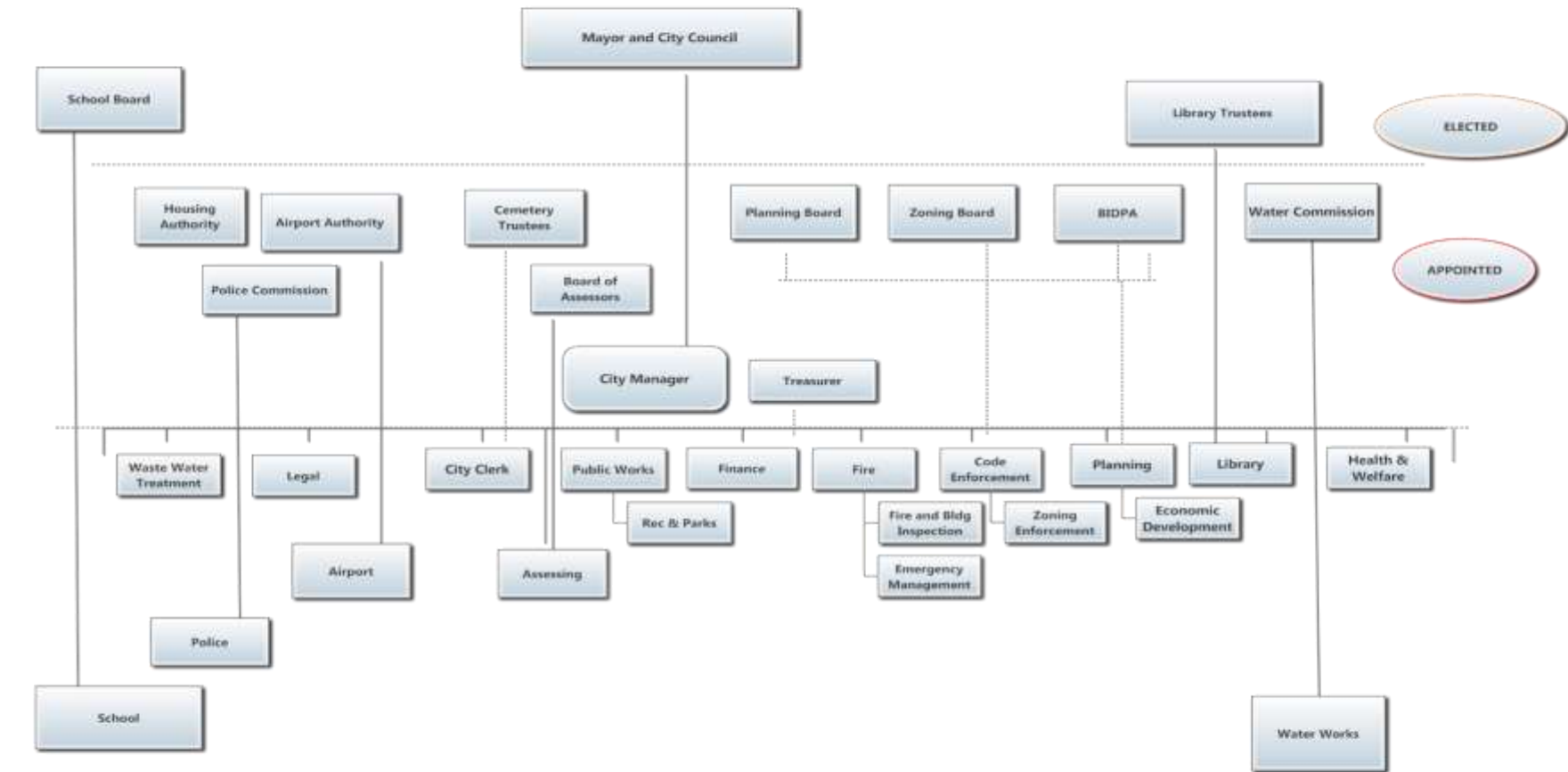
It is important to note that the City government is broken down financially into a number of separate funds. This CIP, therefore, is broken down into separate City Funds as well. The first and by far the largest of these funds is the General Fund. This Fund includes most of the operating Departments 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.

CITY OF BERLIN ORGANIZATIONAL CHART



————— Line of Authority
 Indirect Authority, Appointed, Communication and/or Staff Support

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

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
- 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.

Community Services Group

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.

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

Recreation & Parks

- Special event programming
- 4-season adult & youth programs
- Assist with community events
- Field maintenance
- Gym rental
- Special Olympics
- Transportation
- Interdepartmental programs
- Maintenance, courthouse, library, city hall
- Manage and operate Jericho Lake Park
- Election location
- Emergency shelter
- Volunteer recognition
- Private facility
- Support outside athletic league
- Community support
- 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

Health Department

- Medicare/Medicaid/private insurance and private pay billing
- Health Insurance Portability and Accountability Act of 1996 (HIPAA) compliance
- Medicare Outcome Assessment Information Set (OASIS) assessment for adult home care
- Medicaid efficiency program
- Outcome Based Quality Assurance Medicare agenda item matrix looking at how we are using health resources
- Home health skilled nursing services
- Visiting nurse services
- Home health aide services
- 24-hour on-call nurse
- Contracted Therapy services – physical, occupational and speech
- Referral management
- Business management
- Walk-in health clinics
 - Community flu shots
 - Employee
 - Well baby
 - TB immunization
 - B12
 - Med prep
 - Cholesterol
- FEMA fund committee
- Animal Complaints
- Foster care inspection

- Health Complaints (trash, nuisances, etc.)
- Food licensing
- Complaint investigation for food vendors
- DOE School inspections
- Public Health Initiatives (grants for gardening, partnering on grants, etc.)

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								
2018-2023 Capital Improvement Program								
FY 2018 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-72	City Hall Elevator	15000					15000
ENGINEERING	GF-2	Sidewalk Replacement	100,000					100,000
ENGINEERING	GF-3	Retaining Wall Repair/Replacement	120,000					120,000
ENGINEERING	GF-4	Street Rehabilitation	309,000					309,000
ENGINEERING	GF-5	Bridge Inspection/Repair Program	120,000	368,800.00				488,800
ENGINEERING	GF-6	Hutchins St Rehab	200,000					200,000
ENGINEERING	GF-7	Riverwalk	300,000			1,500,000		1,800,000
ENGINEERING	GF-70	Downtown Snow Melt	512,000					512,000
FINANCE	GF-71	Work Stations	7,600					7,600
FIRE	GF-11	Apparatus Floor Repairs	300,000					300,000
FIRE	GF-50	Fire Chief's Vehicle-Car One	15,654					15,654
FIRE	GF-13	Fire Dept Addition	450,000					450,000
FIRE	GF-14	Fire Dept Ladder One Lease Purchase	200,000					200,000
FIRE	GF-15	Engine One Replacement	93,000					93,000
FIRE	GF-16	Demo & Repair of Spare Apparatus Bldg	50,000					50,000
FIRE	GF-17	Protective Clothing Gear Extractor	16,350					16,350
FIRE	GF-50	Engine Four Replacement	262,617					262,617
FIRE	GF-74	Repair Program	28,000					28,000
HEALTH	GF-65	Health Dept Car	20,000					20,000
HEALTH	GF-66	HD Additional Space	8,200					8,200
HEALTH	GF-67	Electronic Health Record	41,600					41,600
HOUSING	GF-73	Housing Initiative	250,000					250,000
LIBRARY	GF-64	Building Improvements	50,000					50,000
PLANNING	GF-59	Street Light Conversion to LED	300,000					300,000
PLANNING	GF-60	Downtown Initiative	25,000					25,000
PLANNING	GF-61	IT	70,000					70,000
POLICE	GF-18	Police Cruisers	68,400					68,400
POLICE	GF-19	Rifles	14,700					14,700
POLICE	GF-23	Dispatch Desks	40,000					40,000
POLICE	GF-24	Radios	24,050					24,050
POLICE	GF-25	Ballistic Vests	12,500					12,500
POLICE	GF-26	Utility Trailer Vehicle	17,000					17,000
POLICE	GF-52	Replacment Windows	13,200					13,200
POLICE	GF-53	Third Floor Renovations	20,643					20,643
POLICE	GF-54	In-House Monitoring System	15,000					15,000
POLICE	GF-55	Paved Parking Area	37,500					37,500
POLICE	GF-56	Radar Units	5,026	5,026				10,052
POLICE	GF-57	AED's	6,750					6,750
POLICE	GF-58	Building Maintenance III	25,000					25,000
PWD	GF-27	PW Equipment Replacement	150,000					150,000
PWD	GF-28	PW Garage Upgrade II	120,000					120,000
PWD	GF-29	Drain Line Replacement	170,000					170,000
PWD	GF-30	Replace Fuel Distribution System	25,000					25,000
PWD	GF-31	Loader Lease Purchase				82,000		82,000
PWD	GF-32	Salt Sand Storage Shed	104,000					104,000
RECREATION	GF-34	Equipment	35,000					35,000
RECREATION	GF-35	Building Repairs	50,000					50,000
RECREATION	GF-62	Tennis Courts Reconstruction	110,000					110,000
RECREATION	GF-63	Skate Park					75,000	75,000
SCHOOL	GF-40	Fire Alarm System Replacement	50,000					50,000
SCHOOL	GF-42	Bus Maintenance Lift	36,000					36,000
SCHOOL	GF-43	BHS Road Development	175,000					175,000
SCHOOL	GF-48	Masonry & Brick Repointing	35,000					35,000
SCHOOL	GF-51	BHS, BMS, BR, Intercom system	47,000					47,000
		Total General Fund	5,316,290	373,826		1,582,000	75,000	7,347,116
SEWER FUND			CITY	STATE	FEDERAL	BORROW	OTHER	TOTAL
WWTP	SF-1	Cost Replacement	16000					16000
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	30,000					30,000
WWTP	SF-5	Modernize Devens St Pump Station	25,000					25,000
WWTP	SF-6	Rebuild Raw Sewage Pump Impeller	3,000					3,000
WWTP	SF-7	Replace Boiler Admin Bldg	3,000					3,000
WWTP	SF-9	Modernize Pump Station Alarm System	3,000					3,000
WWTP	SF-10	Install Uninterruptible Power Supply	36,000					36,000
WWTP	SF-13	Replace Kubota Tractor	100,000					100,000
WWTP	SF-14	Modernize Napert Village Pump Station	20,000					20,000
		Total Sewer Fund	366,000					366,000
AIRPORT FUND			CITY	STATE	FEDERAL	BORROW	OTHER	TOTAL
AIRPORT	AI -5	Beacon Line Clearing/HVAC Terminal	10,000	10,000	180,000			200,000
			10,000	10,000	180,000			200,000
		Grand Total for FY 2018	5,692,290	383,826	180,000	1,582,000	75,000	7,913,116

CITY OF BERLIN									
2018-2023 Capital Improvement Program									
FY 2019 Projects									
	DEPT	PROJECT #	PROJECT TITLE	CITY	STATE	FEDERAL	BORROW	OTHER	TOTAL FUNDING
GENERAL FUND									
	CITY HALL	GF-72	City Hall Elevator	15000					15000
	ENGINEERING	GF-2	Sidewalk Replacement	100,000					100,000
	ENGINEERING	GF-3	Retaining Wall Repair/Replace	120,000					120,000
	ENGINEERING	GF-4	Street Rehabilitation	309,000					309,000
	ENGINEERING	GF-5	Bridge Inspection/Repair	240,000					240,000
	ENGINEERING	GF-7	Riverwalk				3200000		3,200,000
	ENGINEERING	GF-70	Downtown Snow Melt System	500,000					500,000
	FIRE	GF-8	Handheld Radio Replacement	91,884					91,884
	FIRE	GF-10	Fire Alarm System Maintenance	13,800					13,800
	FIRE	GF-12	Fire Chief's Vehicle Car One	15,564					15,564
	FIRE	GF-14	Lease/Purchase Ladder 1	200,000					200,000
	FIRE	GF-15	Engine One Replacement	93,000					93,000
	FIRE	GF-50	Engine Four Replacement	262,617					262,617
	HOUSING	GF-73	Housing Initiative	250,000					250,000
	LIBRARY	GF-64	Building Repairs	30,000					30,000
	PLANNING	GF-60	Moving Downtown Forward	25,000					25,000
	PLANNING	GF-61	IT	70,000					70,000
	POLICE	GF-18	Cruisers	71,100					71,100
	PWD	GF-27	PW Equipment Replacement	150,000					150,000
	PWD	GF-28	Public Works Garage Upgrade	120,000					120,000
	PWD	GF-29	Drain Line Replacement	180,000					180,000
	PWD	GF-31	Loader Lease/Purchase				82,000		82,000
	PWD	GF-32	Salt Sand Storage Shed	104,000					104,000
	RECREATION	GF-34	Equipment	50,000					50,000
	RECREATION	GF-35	Building Repairs	25,000					25,000
	RECREATION	GF-62	Tennis Courts	110,000					110,000
	SCHOOL	GF-36	Bus Replacement	90,000					90,000
	SCHOOL	GF-47	Hillside/BMS Cafeteria Floors	70,000					70,000
	SCHOOL	GF-48	Masonry & Brick Repointing	35,000					35,000
			Total General Fund	3,340,965			3,282,000		6,622,965
SEWER FUND:									
	WWTP	SF-1	Cost Replacement	41,500					41,500
	WWTP	SF-2	Utility Mapping	10,000					10,000
	WWTP	SF-3	Sanitary Line Replacement	120,000					120,000
	WWTP	SF-4	Dead River Pump Station	255,000					255,000
	WWTP	SF-6	Rebuild Raw Sewage Pump Impeller	37,000					37,000
	WWTP	SF-9	Alarm System at Pump Stations	41,500					41,500
	WWTP	SF-12	Fill Drainage Ditch	31,000					31,000
	WWTP	SF-13	Replace Kubota Tractor	25,000					25,000
			Total Sewer Fund	561,000					561,000
AIRPORT									
	AIRPORT	AF-1	AV Fuel Storage Facility	24,737	24,737	395,792			445,266
	AIRPORT	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 2019	3,951,702	49,737	870,792	3,282,000		8,154,231

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CITY OF BERLIN									
2018-2023 Capital Improvement Program									
FY 2021 Projects									
	DEPT	PROJECT #	PROJECT TITLE	CITY	STATE	FEDERAL	BORROW	OTHER	TOTAL FUNDING
GENERAL FUND									
	CITY HALL	GF-72	City Hall Elevator	15,000					15,000
	ENGINEERING	GF-2	Sidewalk Replacement	100,000					100,000
	ENGINEERING	GF-3	Retaining Wall Repair/Replacement	120,000					120,000
	ENGINEERING	GF-4	Street Rehabilitation	309,000					309,000
	ENGINEERING	GF-5	Bridge Inspection/Repair Program	240,000					240,000
	ENGINEERING	GF-70	Downtown Snow Melt System	500,000					500,000
	FIRE	GF-9	Firefighter Protective Clothing	42,300	50,700				93,000
	FIRE	GF-10	Fire Alarm System	13,800					13,800
	FIRE	GF-12	Fire Chief's Car One	17,654					17,654
	FIRE	GF-14	Lease Purchase Ladder One	200,000					200,000
	FIRE	GF-15	Engine One Replacement	93,000					93,000
	HOUSING	GF-73	Housing Initiative	250,000					250,000
	LIBRARY	GF-50	Building Repairs	70,000					70,000
	PLANNING	GF-61	IT Initiative	10,000					10,000
	POLICE	GF-18	Cruisers	76,900					76,900
	POLICE	GF-21	Cruiser Laptop Computers	17,071					17,071
	POLICE	GF-24	Radios	24,050					24,050
	PWD	GF-27	Equipment Replacement	150,000					150,000
	PWD	GF-28	PW Garage Upgrade	120,000					120,000
	PWD	GF-29	Drain Line Replacement	180,000					180,000
	PWD	GF-31	Loader Lease/Purchase				82,000		82,000
	RECREATION	GF-34	Equipment Replacement	35,000					35,000
	RECREATION	GF-35	Building Repairs	25,000					25,000
	SCHOOL	GF-36	Bus Replacement	90,000					90,000
	SCHOOL	GF-49	BHS Classroom Floors & Asbestos	85,000					85,000
			Total General Fund	2,783,775	50,700		82,000		2,916,475
SEWER FUND									
	WWTP	SF-2	Utility Mapping	10,000					10,000
	WWTP	SF-3	Sanitary Line Replacement	120,000					120,000
	WWTP	SF-5	Devens St Pump Station	395,000					395,000
	WWTP	SF-8	Replace Gravity Thickener Covers	111,000					111,000
			Total Sewer Fund	636,000					636,000
AIRPORT FUND									
	AIRPORT	AF-4	Ramp Expansion Phase 1	50,000	50,000	1,000,000			1,100,000
			Total Airport Fund	50,000	50,000	1,000,000			1,100,000
			Grand Total for FY 2021	3,469,775	100,700	1,000,000	82,000		4,652,475

CITY OF BERLIN									
2018-2023 Capital Improvement Program									
FY 2022 Projects									
	DEPT	PROJECT #	PROJECT TITLE	CITY	STATE	FEDERAL	BORROW	OTHER	TOTAL FUNDING
GENERAL FUND									
	ASSESSING	GF-1	Assessing Contract & Utility Values	142000					142000
	CITY HALL	GF-72	Elevator Replacement	15,000					15,000
	ENGINEERING	GF-2	Sidewalk Replacement	100,000					100,000
	ENGINEERING	GF-3	Retaining Wall Repair/Replacement	120,000					120,000
	ENGINEERING	GF-4	Street Rehabilitation	309,000					309,000
	ENGINEERING	GF-5	Bridge Inspection/Repair Program	240,000					240,000
	ENGINEERING	GF-69	Snowmobile Trails	15,000					15,000
	ENGINEERING	GF-70	Downtown Snow Melt System	500,000					500,000
	FIRE	GF-14	Lease Purchase Ladder One	200,000					200,000
	FIRE	GF-15	Engine One Replacement	99,000					99,000
	HEALTH	GF-65	Home Health Car	20,000					20,000
	HOUSING	GF-73	Housing Initiative	250,000					250,000
	POLICE	GF-50	Police Cruisers	80,000					80,000
	POLICE	GF-21	Cruiser Laptop Computers	17,072					17,072
	PLANNING	GF-61	IT Initiative	15,000					15,000
	PWD	GF-27	Equipment Replacement	150,000					150,000
	PWD	GF-28	PW Garage Upgrade	120,000					120,000
	PWD	GF-29	Drain Line Replacement	180,000					180,000
	PWD	GF-31	Loader Lease Purchase				82,000		82,000
	PWD	GF-33	Dead River Channel/Moxie Alley		195,000			705,000	900,000
	RECREATION	GF-35	Building Repairs	25,000					25,000
	SCHOOL	GF-39	BHS Science Classroom	1,200,000					1,200,000
	SCHOOL	GF-45	BHS Lecture Hall	85,000					85,000
			Total General Fund	3,882,072	195,000		82,000	705,000	4,864,072
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 FUND									
			Grand Total for FY 2022	4,007,072	195,000		82,000	705,000	4,989,072

CITY OF BERLIN									
2018-2023 Capital Improvement Program									
FY 2023 Projects									
	DEPT	PROJECT #	PROJECT TITLE	CITY	STATE	FEDERAL	BORROW	OTHER	TOTAL
GENERAL FUND									
	CITY HALL	GF-72	Elevator	15,000					15,000
	ENGINEERING	GF-2	Sidewalk Replacement	100,000					100,000
	ENGINEERING	GF-3	Retaining Wall Repair/Replacement	120,000					120,000
	ENGINEERING	GF-4	Street Rehabilitation	309,000					309,000
	ENGINEERING	GF-5	Bridge Inspection/Repair Program	240,000					240,000
	ENGINEERING	GF-33	Dead River Channel/Moxie Alley					3,000,000	3,000,000
	ENGINEERING	GF-68	Route 110 Sewer Extension	2,700,000					2,700,000
	ENGINEERING	GF-69	Snowmobile Trails			300,000			300,000
	ENGINEERING	GF-70	Downtown Snow Melt System	500,000					500,000
	FIRE	GF-15	Engine One Replacement	99,000					99,000
	HOUSING	GF-73	Housing Initiative	200,000					200,000
	PLANNING	GF-61	IT Initiative	10,000					10,000
	POLICE	GF-50	Police Cruisers	83,200					83,200
	POLICE	GF-20	New Police Dept Facility	400,000			3,600,000		4,000,000
	PWD	GF-27	Equipment Replacement	150,000					150,000
	PWD	GF-28	PW Garage Upgrades	120,000					120,000
	PWD	GF-29	Drain Line Replacements	180,000					180,000
	PWD	GF-31	Loader Lease Purchase				82,000		82,000
	RECREATION	GF-35	Building Repairs	27,500					27,500
	SCHOOLS	GF-36	Bus Replacement	95,000					95,000
	SCHOOLS	GF-46	BMS Boiler	160,000					160,000
	SCHOOLS	GF-49	BHS Floors & Abatement	85,000					85,000
			Total General Fund	5,593,700		300,000	3,682,000	3,000,000	12,575,700
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 FUND									
	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 2023	5,723,700	5,000	390,000	3,682,000	3,000,000	12,800,700

CITY OF BERLIN, NH
2018 - 2023 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	FY18	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							
		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)

GF-50

OPERATING BUDGET IMPACT:

FINANCIAL PLAN								
	PRIOR	FY18	FY19	FY20	FY21	FY22	FY23	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
2018 - 2023 CIP Project Description

GENERAL PROJECT DATA:		MASTER PLAN INFORMATION: Project listed in MP?	PROJECT NEED	PROJECT SCHEDULE	FY18				FY19				FY20				FY21				FY22				FY23			
Project Name:	Sidewalk Replacement				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:	Engineering		Mandate																									
Location:	various		Council Goal																									
			Dept. Goal	x	x				x				x				x				x				x			

PROJECT DESCRIPTION, RATIONALE & OPERATING BUDGET IMPACT

DESCRIPTION: A large number of City sidewalks are in dire need of replacement

School Street	69,000	Hillside Ave	28,000
Willard Street	13,000	Elm Street	39,000
Champlain St.	15,000	Western Ave.	100,000
4th Ave	10,000	Hutchins Street	99,000
High Street	59,000	Park Street	10,000
First Avenue	25,000		
Glen Avenue	90,000		

PRIORITY IN RELATION TO OTHER PROJECTS

HIGH ☒

MEDIUM ☐

LOW ☐

GF-50 **281,000** **276,000** **\$ 557,000**

RATIONALE: Personal Safety
Transportation enhancement
Economic development
Improve community image

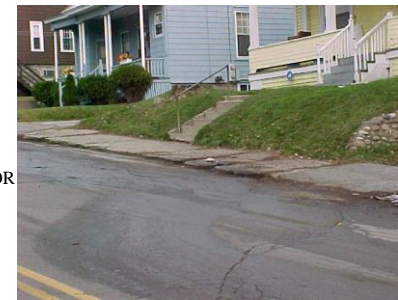
OPERATING BUDGET IMPACT:

FINANCIAL PLAN

	PRIOR	FY18	FY19	FY20	FY21	FY22	FY23	TOTAL
EXPENDITURES:								
Pre-Design								
Design		10,000	10,000	10,000	10,000	10,000	10,000	60,000
Purch/Const.		90,000	90,000	90,000	90,000	90,000	90,000	540,000
TOTAL		\$100,000	\$100,000	\$100,000	\$100,000	\$100,000	\$100,000	\$600,000
FUNDING:								
Current Rev.	\$25,000	\$100,000	\$100,000	\$100,000	\$100,000	\$100,000	\$100,000	\$625,000
Seg. Funds	\$34,502							
Borrow								
Federal								
State								
Other								
TOTAL	\$59,502	\$100,000	\$100,000	\$100,000	\$100,000	\$100,000	\$100,000	\$659,502
OPERATING BUDGET IMPACT:								
Personnel								
Non-Personnel								
Capital								
TOTAL								



Champlain Street



Willard Street

OR

CITY OF BERLIN, NH
2018 - 2023 CIP Project Description

GENERAL PROJECT DATA:		MASTER PLAN INFORMATION: Project listed in MP?	PROJECT NEED	PROJECT SCHEDULE	FY18				FY19				FY20				FY21				FY22				FY23			
Project Name:	Retaining wall repair/replacement				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:	Engineering		Mandate																									
Location:	various		Council Goal																									
			Dept. Goal	x	x				x				x				x				x				x			

PROJECT DESCRIPTION, RATIONALE & OPERATING BUDGET IMPACT

DESCRIPTION: Retaining wall repair/replacement				The City has 142 retaining walls which must be maintained				PRIORITY IN RELATION TO OTHER PROJECTS			
Clark Street	100,000	School Street	30,000								
Grafton Street	90,000	Western Ave.	190,000							HIGH	<input checked="" type="checkbox"/>
Champlain	110,000	Hillside Avenue	80,000								
Spring Street	110,000	High Street	60,000							MEDIUM	<input type="checkbox"/>
First Ave.	15,000	Church St.	30,000								
Sullivan Street	15,000	Cheshire St.	130,000							LOW	<input type="checkbox"/>
	440,000		520,000								
GF-50											
RATIONALE:	Safety and Structural need			Total	<u>960,000</u>						
	All walls are rated Good, Fair or Poor.										
	This project replaces the prioritized poor walls										
OPERATING BUDGET IMPACT:											

FINANCIAL PLAN								
	PRIOR	FY18	FY19	FY20	FY21	FY22	FY23	TOTAL
EXPENDITURES:								
Pre-Design								
Design		20,000	20,000	20,000	20,000	20,000	20,000	120,000
Purch/Const.		100,000	100,000	100,000	100,000	100,000	100,000	600,000
TOTAL		\$120,000	\$120,000	\$120,000	\$120,000	\$120,000	\$120,000	\$720,000
FUNDING:								
Current Rev.	\$40,000	\$120,000	\$120,000	\$120,000	\$120,000	\$120,000	\$120,000	\$760,000
Seg. Funds	57,817							
Borrow								
Federal								
State								
Other								
TOTAL	97,817	\$120,000	\$120,000	\$120,000	\$120,000	\$120,000	\$120,000	\$817,817
OPERATING BUDGET IMPACT:								
Personnel								
Non-Personnel								
Capital		120,000	120,000	120,000	120,000	120,000	120,000	720,000
TOTAL								



CITY OF BERLIN, NH
2018 - 2023 CIP Project Description

GENERAL PROJECT DATA: Project Name: Street Rehabilitation		MASTER PLAN INFORMATION: Project listed in MP?	PROJECT NEED		PROJECT SCHEDULE				FY18				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																													
Department: Engineering			Council Goal	x	x				x				x				x				x				x							
Location: Various			Dept. Goal	x	x				x				x				x				x				x							

PROJECT DESCRIPTION, RATIONALE & OPERATING BUDGET IMPACT

DESCRIPTION: Road improvements/pavement rehabilitation

Willard Street	80,000	Bisson Rd	6,000	Mt. Forist	45,000
Willow Street	80,000	Hight St.	159,000	Sweden St.	20,000
Summer Street	50,000	Oak St.	15,000		
8th Street	58,000	Morreau St.	15,000		
Cates Hill	400,000	Clark St.	10,000		
		Main St. (lower)	350,000		
Western Ave	89,000				
Popular GF-50	52,000	School St.	80,000		
	809,000		635,000		65,000

PRIORITY IN RELATION TO OTHER PROJECTS

HIGH ☒

MEDIUM ☐

LOW ☐

RATIONALE: Pavement rehabilitation

Total **1,509,000**

OPERATING BUDGET IMPACT:

FINANCIAL PLAN								
	PRIOR	FY18	FY19	FY20	FY21	FY22	FY23	TOTAL
EXPENDITURES:								
Pre-Design								
Design		30,000	30,000	30,000	30,000	30,000	30,000	180,000
Purch/Const.		279,000	279,000	279,000	279,000	279,000	279,000	1,674,000
TOTAL		\$309,000	\$309,000	\$309,000	\$309,000	\$309,000	\$309,000	\$1,854,000
FUNDING:								
Current Rev.	\$50,000	\$309,000	\$309,000	\$309,000	\$309,000	\$309,000	\$309,000	\$1,904,000
Seg. Funds								
Borrow								
Federal								
State								
Other								
TOTAL	\$50,000	\$309,000	\$309,000	\$309,000	\$309,000	\$309,000	\$309,000	\$1,904,000
OPERATING BUDGET IMPACT:								
Personnel								
Non-Personnel								
Capital								
TOTAL								



Hutchins



P OR



Willard Street

CITY OF BERLIN, NH
2018 - 2023 CIP Project Description

GENERAL PROJECT DATA:		MASTER PLAN INFORMATION: Project listed in MP?	PROJECT NEED	PROJECT SCHEDULE	FY18				FY19				FY20				FY21				FY22				FY23			
Project Name:	Bridge Inspection/Repair Program				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:	Engineering		Mandate																									
Location:	Various		Council Goal																									
			Dept. Goal	x					x				x				x				x				x			

PROJECT DESCRIPTION, RATIONALE & OPERATING BUDGET IMPACT

DESCRIPTION: Bridge inspection and maintenance

		City		Bridge Aide Program	
Hillside Ave	\$600,000	120000	State has Red Listed	480,000	
Mason St Bridge	\$ 300,000		Abbutment Repairs		
Cleveland Bridge	\$310,000		Expansion Joint Repair/Replace		
Berlin Mills Bridge	\$250,000		Painting		
Cole Street	\$125,000				
Berlin Veterans Mem. Brg	\$155,000		Painting		

PRIORITY IN RELATION TO OTHER PROJECTS

HIGH ☒

MEDIUM ☐

LOW ☐

GF-50

\$1,740,000

RATIONALE: Maintenance, repair & replacement of City bridges is essential. Berlin has 10 bridges which are as follows: Cleveland, 2 Mason, Bridge Street, Twelfth Street, Main over Dead River, Pleasant over Dead River, Cole St. over Dead River, **Hillside Ave over Dead River** and Hutchins St over Bean Brook

OPERATING BUDGET IMPACT:

FINANCIAL PLAN

	PRIOR	FY18	FY19	FY20	FY21	FY22	FY23	TOTAL
EXPENDITURES:								
Pre-Design								
Design		40,000	40,000	40,000	40,000	40,000	40,000	240,000
Purch/Const.		200,000	200,000	200,000	200,000	200,000	200,000	1,200,000
TOTAL		\$240,000	\$240,000	\$240,000	\$240,000	\$240,000	\$240,000	\$1,440,000
FUNDING:								
Current Rev.		\$120,000	\$240,000	\$240,000	\$240,000	\$240,000	\$240,000	\$1,320,000
Seg. Funds	15,000							15,000
Borrow								
Federal								
State		368,800	Bridge Aide Reimbursement					368,800
Other								
TOTAL	\$15,000	\$488,800	\$240,000	\$240,000	\$240,000	\$240,000	\$240,000	\$1,703,800
OPERATING BUDGET IMPACT:								
Personnel								
Non-Personnel								
Capital								
TOTAL								



CITY OF BERLIN, NH
2018 - 2023 CIP Project Description

GENERAL PROJECT DATA:		MASTER PLAN INFORMATION: Project listed in MP?	PROJECT NEED	PROJECT SCHEDULE	FY18				FY19				FY20				FY21				FY22				FY23			
Project Name:	Hutchins Street Rehabilitation Re-Design Bridge St. Dogleg				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:	Engineering		Mandate																									
Location:			Council Goal	x																								
			Dept. Goal	x																								

PROJECT DESCRIPTION, RATIONALE & OPERATING BUDGET IMPACT

DESCRIPTION: Road improvements/pavement rehabilitation
Hutchins Street

\$200,000

PRIORITY IN RELATION TO OTHER PROJECTS

HIGH ☒

MEDIUM ☐

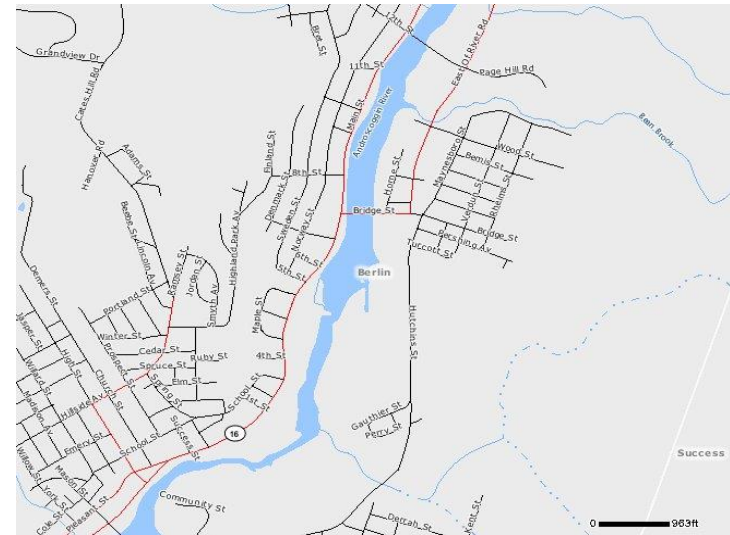
LOW ☐

RATIONALE: Road Base and Pavement Rehabilitation
Improves Eastside Arterial & Truck route

GF-50

OPERATING BUDGET IMPACT:

FINANCIAL PLAN								
	PRIOR	FY18	FY19	FY20	FY21	FY22	FY23	TOTAL
EXPENDITURES:								
Pre-Design		\$5,000						
Design		30,000						30,000
Purch/Const.		170,000						170,000
TOTAL		\$200,000						\$200,000
FUNDING:								
Current Rev.								
Seg. Funds								
Borrow		200,000						
Federal								
State								
Other								
TOTAL	\$ -	\$ 200,000						\$200,000
OPERATING BUDGET IMPACT:								
Personnel								
Non-Personnel								
Capital								
TOTAL								



CITY OF BERLIN, NH
2018 - 2023 CIP Project Description

GENERAL PROJECT DATA:		MASTER PLAN INFORMATION: Project listed in MP?	PROJECT NEED		PROJECT SCHEDULE		FY18				FY19				FY20				FY21				FY22				FY23			
Project Name: Riverwalk from Heritage Park to Twelfth St.							1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4				
Department: Engineering			Mandate																											
Location: Upper Main Street			Council Goal	x																										
			Dept. Goal	x																										

PROJECT DESCRIPTION, RATIONALE & OPERATING BUDGET IMPACT

DESCRIPTION: Rehab/reconstruction of upper Main St from High St to Heritage Park

PRIORITY IN RELATION TO OTHER PROJECTS

HIGH ☐

MEDIUM ☒

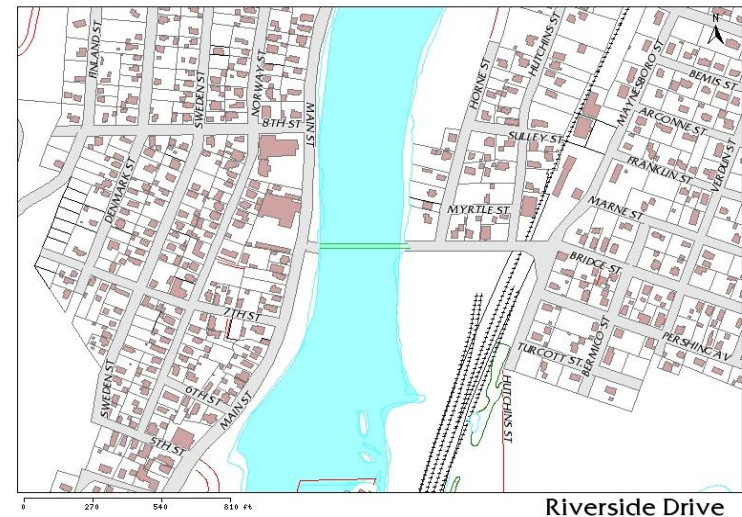
LOW ☐

RATIONALE: Continued upgrade of Rte 16 through City. This would help to properly link City southern end road improvements with Riverwalk improvements.

GF-50

OPERATING BUDGET IMPACT:

FINANCIAL PLAN								
	PRIOR	FY18	FY19	FY20	FY21	FY22	FY23	TOTAL
EXPENDITURES:								
Pre-Design								
Design		300,000						300,000
Purch/Const.		1,500,000	3,200,000					4,700,000
TOTAL		\$1,800,000	\$3,200,000					\$5,000,000
FUNDING:								
Current Rev.		\$300,000						\$300,000
Seg. Funds								
Borrow		1,500,000	3,200,000					4,700,000
Federal								
State								
Other								
TOTAL		\$1,800,000	\$3,200,000					\$5,000,000
OPERATING BUDGET IMPACT:								
Personnel			\$3,000	\$3,000	\$3,000	\$3,000	\$3,000	\$15,000
Non-Personnel			1,000	1,000	1,000	1,000	1,000	5,000
Capital								
TOTAL	\$0	\$0	\$4,000	\$4,000	\$4,000	\$4,000	\$4,000	\$20,000



Riverside Drive

CITY OF BERLIN, NH
2018 - 2023 CIP Project Description

GENERAL PROJECT DATA:		MASTER PLAN INFORMATION:		PROJECT		PROJECT				FY18		FY19		FY20		FY21		FY22		FY23	
Project Name: <u>Handheld Radio Replacement</u>				NEED		SCHEDULE		1		2		3		4		1		2		3	
Department: Fire Department		Project listed in MP?		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 twenty six radios and reprogramming.

PRIORITY IN RELATION TO OTHER PROJECTS

HIGH ☒

MEDIUM ☐

LOW ☐

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.

GF-50

OPERATING BUDGET IMPACT:

FINANCIAL PLAN								
	PRIOR	FY18	FY19	FY20	FY21	FY22	FY23	TOTAL
EXPENDITURES:								
Pre-Design								
Design								
Purch/ Lease			91,884.00					
Land/Acquisition								
TOTAL			91,884.00					91,884.00
FUNDING:								
Current Rev.								
Seg. Funds								
Borrow								
Federal			91,884.00					
State								
Other/User Fee								
TOTAL			91,884.00					91,884.00
OPERATING BUDGET IMPACT:								
Personnel								
Non-Personnel								
Capital								
TOTAL								



CITY OF BERLIN, NH
2018 - 2023 CIP Project Description

GENERAL PROJECT DATA:		MASTER PLAN INFORMATION: Project listed in MP?	PROJECT NEED		PROJECT SCHEDULE	FY18				FY19				FY20				FY21				FY22				FY23			
Project Name: <u>Firefighter Protective Clothing</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																													
Division Public Safety																													
Location: 263 Main Street																													

PROJECT DESCRIPTION, RATIONALE & OPERATING BUDGET IMPACT

DESCRIPTION: This includes the purchase of fire fighter protective clothing that meets the current NFPA requirements .

PRIORITY IN RELATION TO OTHER PROJECTS

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.

GF-50

HIGH ☒

MEDIUM ☐

LOW ☐

OPERATING BUDGET IMPACT:

FINANCIAL PLAN								
	PRIOR	FY18	FY19	FY20	FY21	FY22	FY23	TOTAL
EXPENDITURES:								
Pre-Design								
Design								
Purch/ Lease					93,000.00			
Land/Acquisition								
TOTAL					93,000.00			93,000.00
FUNDING:								
Current Rev.					42,300.00			
Seg. Funds								
Borrow								
Federal								
State					50,700.00			
Other/User Fee								
TOTAL					93,000.00			93,000.00
OPERATING BUDGET IMPACT:								
Personnel								
Non-Personnel								
Capital								
TOTAL								



CITY OF BERLIN, NH																															
2018 - 2023 CIP Project Description																															
GENERAL PROJECT DATA: Project Name: <u>City Fire Alarm System Maintenance</u> Department: Fire Department Division: Public Safety Location: 263 Main Street					MASTER PLAN INFORMATION: Project listed in MP?					PROJECT NEED		PROJECT SCHEDULE		FY18			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																					
										Dept. Goal							x			x			x								
PROJECT DESCRIPTION, RATIONALE & OPERATING BUDGET IMPACT																															
DESCRIPTION: This proposal is to fund a maintenance program to maintain the City Fire Alarm System. The main focus at this point will be to remove tree limbs that have over grown the system.															PRIORITY IN RELATION TO OTHER PROJECTS																
															HIGH <input checked="" type="checkbox"/>																
															MEDIUM <input type="checkbox"/>																
RATIONALE: The current municipal fire alarm system is over 100 years old and is in need of repair. Utilizing equipment from 1905 warrants an update. Prompt notification of an emergency is one of the most important factors associated with minimizing any loss of life due to fire.															LOW <input type="checkbox"/>																
GF-50																															
OPERATING BUDGET IMPACT: Currently the City Fire Alarm maintains service for Thirty-Five customers. User fees have been established and in the fourth year the fees should be sufficient to maintain the system.																															
FINANCIAL PLAN																															
		PRIOR	FY18	FY19	FY20	FY21	FY22	FY23	TOTAL																						
EXPENDITURES:																															
Pre-Design																															
Design																															
Purch/Const.				13,800.00	13,800.00	13,800.00																									
Land/Acquisition																															
TOTAL				13,800.00	13,800.00	13,800.00			41,400.00																						
FUNDING:																															
Current Rev.				13,800.00	13,800.00	13,800.00																									
Seg. Funds																															
Borrow																															
Federal																															
State																															
Other/User Fee																															
TOTAL				13,800.00	13,800.00	13,800.00			41,400.00																						
OPERATING BUDGET IMPACT:																															
Personnel																															
Non-Personnel																															
Capital																															
TOTAL																															



CITY OF BERLIN, NH
2018 - 2023 CIP Project Description

GENERAL PROJECT DATA:		MASTER PLAN INFORMATION:	PROJECT NEED	PROJECT SCHEDULE	FY18				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
Project Name: <u>Apparatus Floor Repairs</u>		Project listed in MP?	Mandate																									
Department: Fire Department			Council Goal																									
Division: Public Safety			Dept. Goal																									
Location: 263 Main Street																												

PROJECT DESCRIPTION, RATIONALE & OPERATING BUDGET IMPACT

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

PRIORITY IN RELATION TO OTHER PROJECTS

HIGH ☒

MEDIUM ☐

LOW ☐

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).

GF-50

OPERATING BUDGET IMPACT:

FINANCIAL PLAN								
	PRIOR	FY18	FY19	FY20	FY21	FY22	FY23	TOTAL
EXPENDITURES:								
Pre-Design								
Design								
Purch/Const.		300,000.00						
Land/Acquisition								
TOTAL		300,000.00						300,000.00
FUNDING:								
Current Rev.		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								



GF-11

CITY OF BERLIN, NH 2018 - 2023 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		FY18 1 2 3 4		FY19 1 2 3 4		FY20 1 2 3 4		FY21 Y1 2 3 4		FY22 1 2 3 4		FY23 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 ☒


MEDIUM ☐

LOW ☐

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 GF-50

OPERATING BUDGET IMPACT:

FINANCIAL PLAN								
	PRIOR	FY18	FY19	FY20	FY21	FY22	FY23	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								
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								
OPERATING BUDGET IMPACT:								
Personnel								
Contingency								
Capital								
TOTAL								



CITY OF BERLIN, NH
2018 - 2022 CIP Project Description

GENERAL PROJECT DATA:		MASTER PLAN INFORMATION:	PROJECT NEED		PROJECT SCHEDULE	FY18				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
Project Name: <u>Fire Department Addition</u>		Project listed in MP?	Mandate																										
Department: Fire Department			Council Goal																										
Division: Public Safety			Dept. Goal																										
Location: 263 Main Street																													

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 ☐

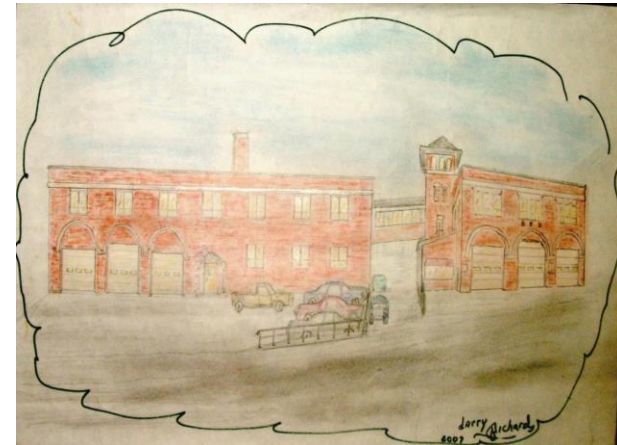
MEDIUM ☐

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.
 GF-50

OPERATING BUDGET IMPACT:

FINANCIAL PLAN								
	PRIOR	FY18	FY19	FY20	FY21	FY22	FY23	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
2018 - 2023 CIP Project Description

GENERAL PROJECT DATA:			MASTER PLAN INFORMATION: Project listed in MP?		PROJECT		PROJECT		FY18			FY19			FY20			FY21			FY22			FY23		
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			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. 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 GF-50

In 2011 the Fire Department spent out of the operation budget 10,000 just in repairs on the 1195 LTI Simon Duplex Aerial.

OPERATING BUDGET IMPACT: Twenty year replacement plan- Ten 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	FY18	FY19	FY20	FY21	FY22	FY23	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								
OPERATING BUDGET IMPACT:								
Personnel								
Non-Personnel								
Capital								
TOTAL								



CITY OF BERLIN, NH
2018 - 2023 CIP Project Description

GENERAL PROJECT DATA:		MASTER PLAN INFORMATION: Project listed in MP?	PROJECT	PROJECT	FY18				FY19				FY20				FY21				FY22				FY23			
Project Name:	<u>Engine One 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:	Fire Department		Mandate																									
Division:	Public Safety		Council Goal																									
Location:	263 Main Street		Dept. Goal						x		x		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.
GF-50

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.

PRIORITY IN RELATION TO OTHER PROJECTS

HIGH ☒

MEDIUM ☐

LOW ☐

FINANCIAL PLAN								
	PRIOR	FY18	FY19	FY20	FY21	FY22	FY23	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
2018 - 2023 CIP Project Description

GENERAL PROJECT DATA:		MASTER PLAN INFORMATION: Project listed in MP?	PROJECT NEED	PROJECT SCHEDULE	FY18				FY19				FY20				FY21				FY22				FY23			
Project Name:	Demo and RepAir of Spare Apparatus 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:	Fire Department		Mandate																									
Division	Public Safety		Council Goal																									
Location:	263 Main Street		Dept. Goal		x				x																			

PROJECT DESCRIPTION, RATIONALE & OPERATING BUDGET IMPACT

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.

PRIORITY IN RELATION TO OTHER PROJECTS

HIGH ☒

MEDIUM ☐

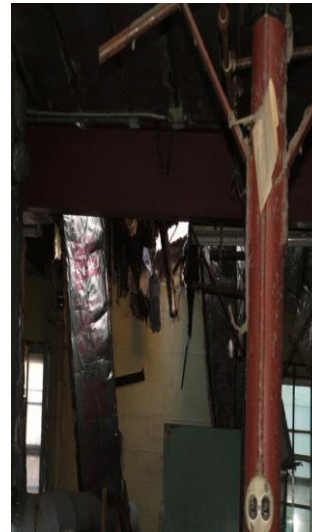
LOW ☐

RATIONALE: There is a hole in the roof approximatley 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.

GF-50

OPERATING BUDGET IMPACT:

FINANCIAL PLAN								
	PRIOR	FY18	FY19	FY20	FY21	FY22	FY23	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
2018 - 2023 CIP Project Description

GENERAL PROJECT DATA:		MASTER PLAN INFORMATION: Project listed in MP?	PROJECT NEED	PROJECT SCHEDULE	FY18	FY19	FY20	FY21	FY22	FY23
Project Name:	<u>Firefighter Protective Clothing Gear Extractor</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:	Fire Department		Mandate							
Division	Public Safety		Council Goal							
Location:	263 Main Street		Dept. Goal		XX					

PROJECT DESCRIPTION, RATIONALE & OPERATING BUDGET IMPACT

DESCRIPTION: This request is to purchase and install a Commercial Gear Extractor that is suitable to wash and decontaminate firefighter protective clothing in order to reduce the long term health risks related to dirty gear or contaminated gear.

PRIORITY IN RELATION TO OTHER PROJECTS

HIGH ☒

MEDIUM ☐

LOW ☐

RATIONALE:

Protective clothing is to be washed after every incident involving carcinogenic and biohazard (blood born pathogens) responses. Currently the Fire Department does not meet NFPA 1851: Standard on selection, care and maintenance of protective ensembles for structural firefighting and proximity fire fighting. Currently in use is a commercial washer that does not extract all the carcinogenic from the protective garments.

GF-50

OPERATING BUDGET IMPACT:

FINANCIAL PLAN								
	PRIOR	FY18	FY19	FY20	FY21	FY22	FY23	TOTAL
EXPENDITURES:								
Pre-Design								
Design								
Purch/ Lease		16,350.00						
Land/Acquisition								
TOTAL		16,350.00						16,350.00
FUNDING:								
Current Rev.		16,350.00						
Seg. Funds								
Borrow								
Federal								
State								
Other/User Fee								
TOTAL		16,350.00						16,350.00
OPERATING BUDGET IMPACT:								
Personnel								
Non-Personnel								
Capital								
TOTAL								



CITY OF BERLIN, NH
2018 - 2023 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	FY18				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																									
		Dept. Goal	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 GF-50 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	FY18	FY19	FY20	FY21	FY22	FY23	TOTAL
EXPENDITURES:								
Pre-Design								
Design								
Purch/Const.								
TOTAL								
FUNDING:								
Current Rev.	\$65,800	\$68,400	\$71,100	\$73,900	\$76,900	\$80,000	\$83,200	\$453,500
Seg. Funds								
Borrow								
Federal								
State								
Other								
TOTAL	\$65,800	\$68,400	\$71,100	\$73,900	\$76,900	\$80,000	\$83,200	\$453,500
OPERATING BUDGET IMPACT:								
Personnel								
Non-Personnel								
Capital								
TOTAL								



CITY OF BERLIN, NH
2018 - 2023 CIP Project Description

GENERAL PROJECT DATA: Project Name: Rifles Department: Police Department Location:	MASTER PLAN INFORMATION: Project listed in MP? No.	PROJECT NEED		PROJECT SCHEDULE				FY18				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																													
		Dept. Goal		X				X																							

PROJECT DESCRIPTION, RATIONALE & OPERATING BUDGET IMPACT

DESCRIPTION: 21 Replacement Rifles

PRIORITY IN RELATION TO OTHER PROJECTS

HIGH ☒

MEDIUM ☐

LOW ☐

RATIONALE: The PD's current rifles are approximately 12 years old and in need of replacement. The requested amount is for 21 replacement rifles; however, there is a possibility that the rifles could be refurbished for a lesser cost, and that is currently being researched. If it is cost-effective, we will request the refurbishment cost.

GF-50

OPERATING BUDGET IMPACT:

FINANCIAL PLAN								
	PRIOR	FY18	FY19	FY20	FY21	FY22	FY23	TOTAL
EXPENDITURES:								
Pre-Design								
Design								
Purch/Const.								
TOTAL								
FUNDING:								
Current Rev.	\$14,700	\$14,700						29,400
Seg. Funds								
Borrow								
Federal								
State								
Other								
TOTAL	\$14,700	\$14,700						\$29,400
OPERATING BUDGET IMPACT:								
Personnel								
Non-Personnel								
Capital								
TOTAL								



GF-19

CITY OF BERLIN, NH
2018 - 2023 CIP Project Description

GENERAL PROJECT DATA: Project Name: New Police Dept. Facility Department: Police Location:	MASTER PLAN INFORMATION: Project listed in MP? No.	PROJECT NEED	PROJECT SCHEDULE	FY18				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																									
		Dept. Goal	X																							X	

PROJECT DESCRIPTION, RATIONALE & OPERATING BUDGET IMPACT

DESCRIPTION: New Police Department facility.

PRIORITY IN RELATION TO OTHER PROJECTS

HIGH ☒

MEDIUM ☐

LOW ☐

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 1 GF-50

OPERATING BUDGET IMPACT:

FINANCIAL PLAN								
	PRIOR	FY18	FY19	FY20	FY21	FY22	FY23	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
2018 - 2023 CIP Project Description

GENERAL PROJECT DATA:		MASTER PLAN INFORMATION: Project listed in MP? No.	PROJECT NEED		PROJECT SCHEDULE		FY18				FY19				FY20				FY21				FY22				FY23			
Project Name:	Cruiser Laptop Computers						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							

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 replacing two computers each year. Computers are listed at
\$3,699 x 4 = \$14,796 plus installation of \$569 per computer = \$2,276.
GF-50

OPERATING BUDGET IMPACT:

FINANCIAL PLAN								
	PRIOR	FY18	FY19	FY20	FY21	FY22	FY23	TOTAL
EXPENDITURES:								
Pre-Design								
Design								
Purch/Const.								
TOTAL								
FUNDING:								
Current Rev.					\$17,071	\$17,072		\$34,143
Seg. Funds								
Borrow								
Federal								
State								
Other								
TOTAL					\$17,071	\$17,072		\$34,143
OPERATING BUDGET IMPACT:								
Personnel								
Non-Personnel								
Capital								
TOTAL								



CITY OF BERLIN, NH
2018 - 2023 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				FY18				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																													
		Dept. Goal		X												X															

PROJECT DESCRIPTION, RATIONALE & OPERATING BUDGET IMPACT

DESCRIPTION: Acquisition of leather gear. One-half was replaced last year; 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 haz GF-50

OPERATING BUDGET IMPACT:

FINANCIAL PLAN								
	PRIOR	FY18	FY19	FY20	FY21	FY22	FY23	TOTAL
EXPENDITURES:								
Pre-Design								
Design								
Purch/Const.								
TOTAL								
FUNDING:								
Current Rev.	\$4,500			\$4,500				\$4,500
Seg. Funds								
Borrow								
Federal								
State								
Other								
TOTAL	\$4,500			\$4,500				\$4,500
OPERATING BUDGET IMPACT:								
Personnel								
Non-Personnel								
Capital								
TOTAL								



CITY OF BERLIN, NH
2018 - 2023 CIP Project Description

GENERAL PROJECT DATA:		MASTER PLAN INFORMATION: Project listed in MP? No.	PROJECT NEED	PROJECT SCHEDULE	FY18				FY19				FY20				FY21				FY22				FY23			
Project Name: <u>Dispatch Desks</u>	Department: Police				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 prov GF-50 to manage and provide maximum accessibility for IT personnel.

HIGH ☒

MEDIUM ☐

LOW ☐

OPERATING BUDGET IMPACT:

FINANCIAL PLAN								
	PRIOR	FY18	FY19	FY20	FY21	FY22	FY23	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
2018 - 2023 CIP Project Description

GENERAL PROJECT DATA: Project Name: <u>Radios</u> Department: Police Location:	MASTER PLAN INFORMATION: Project listed in MP? No.	PROJECT NEED	PROJECT SCHEDULE	FY18				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				
		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.

GF-50

OPERATING BUDGET IMPACT:

FINANCIAL PLAN								
	PRIOR	FY18	FY19	FY20	FY21	FY22	FY23	TOTAL
EXPENDITURES:								
Pre-Design								
Design								
Purch/Const.								
TOTAL								
FUNDING:								
Current Rev.		\$24,050			\$24,050			\$48,100
Seg. Funds								
Borrow								
Federal								
State								
Other								
TOTAL		\$24,050			\$24,050			\$48,100
OPERATING BUDGET IMPACT:								
Personnel								
Non-Personnel								
Capital								
TOTAL								



CITY OF BERLIN, NH
2018 - 2023 CIP Project Description

GENERAL PROJECT DATA: Project Name: <u>Ballistic Vests</u> Department: Police Location:	MASTER PLAN INFORMATION: Project listed in MP? No.	PROJECT	PROJECT	FY18				FY19				FY20				FY21				FY22				FY23			
		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: 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, GF-50
OPERATING BUDGET IMPACT:

FINANCIAL PLAN								
	PRIOR	FY18	FY19	FY20	FY21	FY22	FY23	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
2018 - 2023 CIP Project Description

GENERAL PROJECT DATA:		MASTER PLAN INFORMATION: Project listed in MP? No.	PROJECT NEED		PROJECT SCHEDULE	FY18				FY19				FY20				FY21				FY22				FY23			
Project Name:	<u>Utility Trailer Vehicle</u>					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: 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.

GF-50

OPERATING BUDGET IMPACT:

FINANCIAL PLAN								
	PRIOR	FY18	FY19	FY20	FY21	FY22	FY23	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
2018 - 2023 CIP Project Description

Project Name: PW Equipment Replacement		Project listed in MP?	PROJECT NEED		PROJECT SCHEDULE				FY18				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				
Department: Public Works			Mandate	x																												
Location: 110 Wight Street			Council Goal																													
			Dept. Goal	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	Brush Hog	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 Pick Up	20,000		

PRIORITY IN RELATION TO OTHER PROJECTS

HIGH ☒

MEDIUM ☐

LOW ☐

	475,000		370,000		375,000
RATIONALE:	Operational improvements				
	GF-50		Total	1,220,000	
	Health & Safety				
	Environmental Protections				

OPERATING BUDGET IMPACT:

FINANCIAL PLAN

	PRIOR	FY18	FY19	FY20	FY21	FY22	FY23	TOTAL
EXPENDITURES:								
Pre-Design								
Design								
Purch/Const.		150,000	150,000	150,000	150,000	150,000	150,000	
TOTAL								
FUNDING:								
Current Rev.	\$25,000	\$150,000	\$150,000	\$150,000	\$150,000	\$150,000	\$150,000	\$925,000
Seg. Funds								
Borrow								
Federal								
State								
Other								
TOTAL	\$25,000	\$150,000	\$150,000	\$150,000	\$150,000	\$150,000	\$150,000	\$925,000
OPERATING BUDGET IMPACT:								
Personnel								
Non-Personnel								
Capital								
TOTAL								



CITY OF BERLIN, NH
2018 - 2023 CIP Project Description

GENERAL PROJECT DATA:			MASTER PLAN INFORMATION: Project listed in MP?		PROJECT NEED		PROJECT SCHEDULE				FY18				FY19				FY20				FY21				FY22				FY23			
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				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"/>
	GF-50						
	Environmental Protection						
	Reduction in energy consumption.						
OPERATING BUDGET IMPACT:							

FINANCIAL PLAN

	PRIOR	FY18	FY19	FY20	FY21	FY22	FY23	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	65,245							\$65,245
Borrow								
Federal								
State								
Other								
TOTAL	\$65,245	\$120,000	\$120,000	\$120,000	\$120,000	\$120,000	\$120,000	\$785,245
OPERATING BUDGET IMPACT:								
Personnel								
Non-Personnel			(35,000)	(35,000)	(35,000)	(35,000)	(35,000)	(175,000)
Capital								
TOTAL			(35,000)	(35,000)	(35,000)	(35,000)	(35,000)	(175,000)



CITY OF BERLIN, NH
2018 - 2023 CIP Project Description

GENERAL PROJECT DATA: Project Name: Drain Line Replacement		MASTER PLAN INFORMATION: Project listed in MP?	PROJECT NEED	PROJECT SCHEDULE	FY18				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
Department: Engineering			Mandate																									
Council Goal					x					x					x					x					x			
Location: Various			Dept. Goal	x																								

PROJECT DESCRIPTION, RATIONALE & OPERATING BUDGET IMPACT

DESCRIPTION: Repair or replace old and/or damaged drain lines
The problem exists throughout the City.

PRIORITY IN RELATION TO OTHER PROJECTS

IGA	130,000	Hillside Ave	200,000
Hillsborro St.	40,000	Mannering	200,000
High Street	250,000	Watson St.	200,000
Kent Street	40,000	Turcotte St.	60,000
Glen Avenue	90,000		

HIGH ☒

MEDIUM ☐

LOW ☐

GF-50
\$1,210,000

RATIONALE: Replace lines beyond useful life; clean lines; increase capacities

OPERATING BUDGET IMPACT:

FINANCIAL PLAN

	PRIOR	FY18	FY19	FY20	FY21	FY22	FY23	TOTAL
EXPENDITURES:								
Pre-Design								
Design		30,000	30,000	30,000	30,000	30,000	30,000	180,000
Purch/Const.		150,000	150,000	150,000	150,000	150,000	150,000	900,000
TOTAL		\$180,000	\$180,000	\$180,000	\$180,000	\$180,000	\$180,000	\$1,080,000
FUNDING:								
Current Rev.	\$10,000	\$170,000	\$180,000	\$180,000	\$180,000	\$180,000	\$180,000	\$1,080,000
Seg. Funds								
Borrow								
Federal								
State								
Other								
TOTAL	\$10,000	\$170,000	\$180,000	\$180,000	\$180,000	\$180,000	\$180,000	\$1,080,000
OPERATING BUDGET IMPACT:								
Personnel								
Non-Personnel								
Capital								
TOTAL								



CITY OF BERLIN, NH
2018 - 2023 CIP Project Description

GENERAL PROJECT DATA:		MASTER PLAN INFORMATION: Project listed in MP?	PROJECT NEED		PROJECT SCHEDULE		FY18				FY19				FY20				FY21				FY22				FY23					
Project Name: <u>Replace Fuel Distribution 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: Central Services			Mandate		x	Dec-15		x				x																				
Location: Public Works Garage																																
			Dept. Goal		x																											

PROJECT DESCRIPTION, RATIONALE & OPERATING BUDGET IMPACT

DESCRIPTION:

PH 1: Piping between Pumps and tank must be brought to NHDES standards by December 2015.

PH 2: The two 15,000 gal. storage tanks corrosion test indication of these 25 + year tanks will be nearing life cycle in the near future.

PRIORITY IN RELATION TO OTHER PROJECTS

HIGH ☒

MEDIUM ☐

LOW ☐

RATIONALE:

Prevent environmental Impact.
GF-50

OPERATING BUDGET IMPACT:

FINANCIAL PLAN								
	PRIOR	FY18	FY19	FY20	FY21	FY22	FY23	TOTAL
EXPENDITURES:								
Pre-Design	\$2,500							\$2,500
Design	3,500							3,500
Purch/Const.								
TOTAL	\$6,000							\$6,000
FUNDING:								
Current Rev.		\$25,000						\$25,000
Seg. Funds	\$170,000							\$170,000
Borrow								
Federal								
State	25,000							\$25,000
Other								
TOTAL	\$195,000	\$25,000						\$220,000
OPERATING BUDGET IMPACT:								
Personnel								
Non-Personnel								
Capital								
TOTAL								



FUEL DISTRIBUTION

CITY OF BERLIN, NH
2018 - 2023 CIP Project Description

GENERAL PROJECT DATA:		MASTER PLAN INFORMATION: Project listed in MP?	PROJECT NEED	PROJECT SCHEDULE	FY18				FY19				FY20				FY21				FY22				FY23			
Project Name:	Loader Lease/Purchase				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		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 GF-50

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	FY18	FY19	FY20	FY21	FY22	FY23	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	\$82,000	\$82,000	\$492,000

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
2018 - 2023 CIP Project Description

GENERAL PROJECT DATA:		MASTER PLAN INFORMATION: Project listed in MP?	PROJECT NEED	PROJECT SCHEDULE	FY18				FY19				FY20				FY21				FY22				FY23			
Project Name:	Salt Sand Storage Shed				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 use

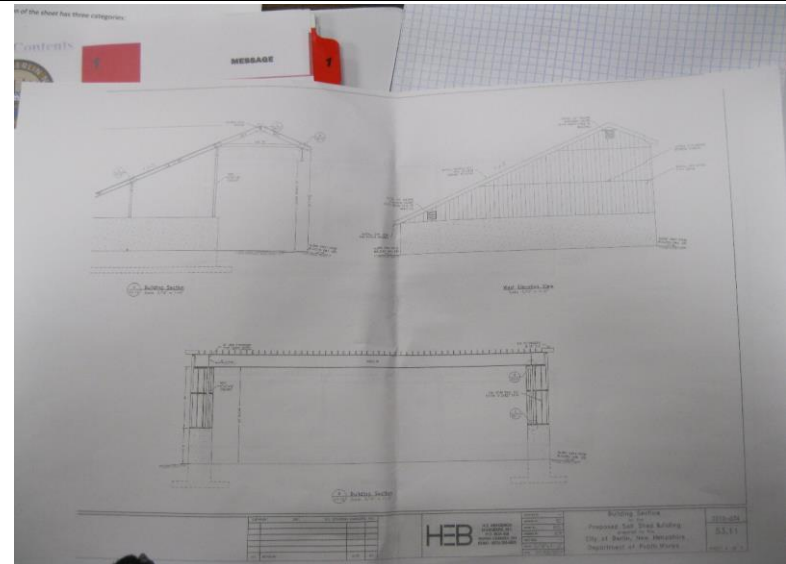
HIGH ☒

MEDIUM ☐

LOW ☐

OPERATING BUDGET IMPACT:
 Manhour reductions, reduction in heating fuel usage.

FINANCIAL PLAN								
	PRIOR	FY18	FY19	FY20	FY21	FY22	FY23	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								
Federal								
State								
Other								
TOTAL		\$104,000	\$104,000	\$104,000				\$312,000
OPERATING BUDGET IMPACT:								
Personnel								
Non-Personnel								
Capital								
TOTAL								



CITY OF BERLIN, NH
2018 - 2023 CIP Project Description

GENERAL PROJECT DATA:		MASTER PLAN INFORMATION: Project listed in MP?	PROJECT NEED		PROJECT SCHEDULE				FY18				FY19				FY20				FY21				FY22				FY23			
Project Name: Dead River Channel/Moxie Alley					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: Engineering			Mandate			x				x																						
Location:			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.

PRIORITY IN RELATION TO OTHER PROJECTS

HIGH ☐

MEDIUM ☒

LOW ☐

RATIONALE:

GF-50

OPERATING BUDGET IMPACT:

FINANCIAL PLAN								
	PRIOR	FY18	FY19	FY20	FY21	FY22	FY23	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
2018 - 2023 CIP Project Description

GENERAL PROJECT DATA: Project Name: <u>Equipment</u>		MASTER PLAN INFORMATION: Project listed in MP?	PROJECT NEED	PROJECT SCHEDULE	FY18				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																			
Department:	Rec.&Parks		Dept. Goal	X					x																			
Location:	Rec. Parks Building																											

PROJECT DESCRIPTION, RATIONALE & OPERATING BUDGET IMPACT

DESCRIPTION:										PRIORITY IN RELATION TO OTHER PROJECTS									
Kubato Attachments	35,000				Purchase Pick-up Truck	35,000													
-Side arm mower					Purchase travel van-programming	35,000													
-brush hog & chipper																			
Commercials Fine Mower(2)	50,000																		
	85,000					70,000													
RATIONALE:																			
Improve Efficiency on green space maintenance																			
GF-50																			
OPERATING BUDGET IMPACT:																			

FINANCIAL PLAN								
	PRIOR	FY18	FY19	FY20	FY21	FY22	FY23	TOTAL
EXPENDITURES:								
Pre-Design								
Design								
Purch/Const.		\$35,000	\$50,000	30,000	\$ 35,000			\$150,000
TOTAL		\$35,000	\$50,000	\$30,000	\$35,000			\$150,000
FUNDING:								
Current Rev.		\$35,000	\$50,000	\$30,000	\$35,000			\$150,000
Seg. Funds								
Borrow								
Federal								
State								
Other								
TOTAL		\$35,000	\$50,000	\$30,000	\$35,000			\$150,000
OPERATING BUDGET IMPACT:								
Personnel								
Non-Personnel								
Capital								
TOTAL								



CITY OF BERLIN, NH
2018 - 2023 CIP Project Description

GENERAL PROJECT DATA:		MASTER PLAN INFORMATION: Project listed in MP?	PROJECT NEED	PROJECT SCHEDULE	FY18				FY19				FY20				FY21				FY22				FY23			
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		X																		
			Dept. Goal	X				x		x																		

PROJECT DESCRIPTION, RATIONALE & OPERATING BUDGET IMPACT

DESCRIPTION:

Upgrade Restrooms and Showers	\$	50,000	Upgrade Lights	\$	7,000		
Upgrade Court Facilities	\$	15,000	Replace Windows	\$	20,000		
-New Score Board	\$	6,500	Upgrade Offices	\$	25,000		
-Wall Padding	\$	4,000	Repair Gym Floor	\$	20,000		
Purchase Bleachers		10,000					
	\$	85,500		\$	72,000	\$	157,500

PRIORITY IN RELATION TO OTHER PROJECTS

HIGH ☒

MEDIUM ☐

LOW ☐

RATIONALE: GF-50

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	FY18	FY19	FY20	FY21	FY22	FY23	TOTAL
EXPENDITURES:								
Pre-Design								
Design								
Purch/Const.		\$25,000	\$25,000	\$25,000	\$30,000	25,000	27,500	157,500
TOTAL		\$25,000	\$25,000	\$25,000	\$30,000	\$25,000	\$27,500	\$157,500

FUNDING:

Current Rev.	\$10,000	\$50,000	\$25,000	\$25,000	\$25,000	\$25,000	\$27,500	\$187,500
Seg. Funds	2,378							\$2,378
Borrow								
Federal								
State								
Other								
TOTAL	\$12,378	\$50,000	\$25,000	\$25,000	\$25,000	\$25,000	\$27,500	\$189,878

OPERATING BUDGET IMPACT:

Personnel								
Non-Personnel								
Capital		\$50,000	\$25,000	\$25,000	\$30,000	25,000	27,500	182,500
TOTAL		\$50,000	\$25,000	\$25,000	\$30,000	\$25,000	\$27,500	\$182,500



CITY OF BERLIN, NH
2018 - 2023 CIP Project Description

GENERAL PROJECT DATA:		MASTER PLAN INFORMATION: Project listed in MP? no	PROJECT NEED	PROJECT SCHEDULE	FY18	FY19	FY20	FY21	FY22	FY23
Project Name:	Bus Replacement				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:	Transportation Garage - Hutchins St.		Council Goal							
			Dept. Goal	X						

PROJECT DESCRIPTION, RATIONALE & OPERATING BUDGET IMPACT

DESCRIPTION: Bus Replacement for Bus 08, 117,846 miles (as of June, 2016)
Bus Replacement for Bus 09, 89,774 miles (as of June, 2016)
Bus Replacement for Bus 10, 80,556 miles (as of June, 2016)

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.

GF-50

OPERATING BUDGET IMPACT:

FINANCIAL PLAN

	PRIOR	FY18	FY19	FY20	FY21	FY22	FY23	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
2018 - 2023 CIP Project Description

GENERAL PROJECT DATA:			MASTER PLAN INFORMATION: Project listed in MP? no		PROJECT NEED		PROJECT SCHEDULE				FY18				FY19				FY20				FY21				FY22				FY23			
Project Name: <u>Marston School Roof</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 School building					Council Goal																													
					Dept. Goal	X																												

PROJECT DESCRIPTION, RATIONALE & OPERATING BUDGET IMPACT

DESCRIPTION: Marston School Roof replacement
Martston houses: Special Education offices, 2 school psychologist, 2 speech pathologist
Project AWARE, Pre-school coordinator, and Bldg. and Grounds Director

PRIORITY IN RELATION TO OTHER PROJECTS

HIGH ☐

MEDIUM ☐

LOW ☐

RATIONALE: Current roof reschingled pre-1999

GF-50

OPERATING BUDGET IMPACT:

FINANCIAL PLAN

	PRIOR	FY18	FY19	FY20	FY21	FY22	FY23	TOTAL
EXPENDITURES:								
Pre-Design								
Design								
Purch/Const.								
							40,000	40,000
TOTAL							\$40,000	\$40,000
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								



GF-37

CITY OF BERLIN, NH
2018 - 2023 CIP Project Description

GENERAL PROJECT DATA:		MASTER PLAN INFORMATION: Project listed in MP? no	PROJECT NEED	PROJECT SCHEDULE	FY18				FY19				FY20				FY21				FY22				FY23			
Project Name: <u>Asphalt Hillside/Brown Playgrounds</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/Marston lot, Brown School			Council Goal																									
			Dept. Goal	X																								

PROJECT DESCRIPTION, RATIONALE & OPERATING BUDGET IMPACT

DESCRIPTION: Asphalt removal and regrading play areas at both Hillside/Marston lot and Brown Playground

PRIORITY IN RELATION TO OTHER PROJECTS

HIGH ☒

MEDIUM ☐

LOW ☐

RATIONALE: Cracked areas, uneven pavement and drainage, Safety concerns

GF-50

OPERATING BUDGET IMPACT:

FINANCIAL PLAN								
	PRIOR	FY18	FY19	FY20	FY21	FY22	FY23	TOTAL
EXPENDITURES:								
Pre-Design								
Design								
Purch/Const.				42,250				42,250
TOTAL				\$42,250				\$42,250
FUNDING:								
Current Rev.				\$42,250				\$42,250
Seg. Funds								
Borrow								
Federal								
State								
Other								
TOTAL				\$42,250				\$42,250
OPERATING BUDGET IMPACT:								
Personnel								
Non-Personnel								
Capital								
TOTAL								



GF-38

CITY OF BERLIN, NH
2018 - 2023 CIP Project Description

GENERAL PROJECT DATA:			MASTER PLAN INFORMATION: Project listed in MP? no		PROJECT NEED		PROJECT SCHEDULE				FY18				FY19				FY20				FY21				FY22				FY23			
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.

GF-50

OPERATING BUDGET IMPACT:

FINANCIAL PLAN

	PRIOR	FY18	FY19	FY20	FY21	FY22	FY23	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		\$1,200,000
Seg. Funds								
Borrow								
Federal								
State								
Other								
TOTAL						\$1,200,000		\$1,200,000
OPERATING BUDGET IMPACT:								
Personnel								
Non-Personnel								
Capital								
TOTAL								



GF-39

CITY OF BERLIN, NH
2018 - 2023 CIP Project Description

GENERAL PROJECT DATA:		MASTER PLAN INFORMATION: Project listed in MP? no	PROJECT NEED	PROJECT SCHEDULE	FY18	FY19	FY20	FY21	FY22	FY23
Project Name: <u>Fire Alarm System 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: 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.

GF-50

OPERATING BUDGET IMPACT:

FINANCIAL PLAN								
	PRIOR	FY18	FY19	FY20	FY21	FY22	FY23	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								



GF-40

CITY OF BERLIN, NH
2018 - 2023 CIP Project Description

GENERAL PROJECT DATA:		MASTER PLAN INFORMATION: Project listed in MP? no	PROJECT NEED	PROJECT SCHEDULE	FY18	FY19	FY20	FY21	FY22	FY23
Project Name:	BMS Chimney				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 Middle School		Council Goal							
			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

GF-50

OPERATING BUDGET IMPACT:

FINANCIAL PLAN								
	PRIOR	FY18	FY19	FY20	FY21	FY22	FY23	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								



GF-41

CITY OF BERLIN, NH
2018 - 2023 CIP Project Description

GENERAL PROJECT DATA:		MASTER PLAN INFORMATION: Project listed in MP? no	PROJECT NEED	PROJECT SCHEDULE	FY18				FY19				FY20				FY21				FY22				FY23			
Project Name: <u>Bus Maintenance lift</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: Transportation Garage-Hutchins St.			Council Goal																									
			Dept. Goal	X																								

PROJECT DESCRIPTION, RATIONALE & OPERATING BUDGET IMPACT

DESCRIPTION: Gray Manufacturing Wireless Mobile Column Lift (4)
14,000 Lbs. high rise stand

PRIORITY IN RELATION TO OTHER PROJECTS

HIGH ☒

MEDIUM ☐

LOW ☐

RATIONALE: Safety for routine bus and van maintenance
Fleet of 9 buses and 2 min-vans

GF-50

OPERATING BUDGET IMPACT:

FINANCIAL PLAN								
	PRIOR	FY18	FY19	FY20	FY21	FY22	FY23	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								



GF-42

CITY OF BERLIN, NH
2018 - 2023 CIP Project Description

GENERAL PROJECT DATA:		MASTER PLAN INFORMATION: Project listed in MP? no	PROJECT NEED		PROJECT SCHEDULE	FY18				FY19				FY20				FY21				FY22				FY23			
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				1 2 3 4			
Department: Schools			Mandate		X	X								X															
Council Goal																													
Location: Berlin High School			Dept. Goal		X																								

PROJECT DESCRIPTION, RATIONALE & OPERATING BUDGET IMPACT

DESCRIPTION: Engineering Services for the development of an access road behind Berlin High School
Construction of access road behind Berlin High School

PRIORITY IN RELATION TO OTHER PROJECTS

HIGH ☒

MEDIUM ☐

LOW ☐

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

GF-50

OPERATING BUDGET IMPACT:

FINANCIAL PLAN								
	PRIOR	FY18	FY19	FY20	FY21	FY22	FY23	TOTAL
EXPENDITURES:								
Pre-Design								
Design		175,000						175,000
Purch/Const.				250,000				250,000
TOTAL		\$175,000		\$250,000				\$425,000
FUNDING:								
Current Rev.		\$175,000		\$250,000				\$425,000
Seg. Funds								
Borrow								
Federal								
State								
Other								
TOTAL		\$175,000		\$250,000				\$425,000
OPERATING BUDGET IMPACT:								
Personnel								
Non-Personnel								
Capital								
TOTAL								



GF-43

CITY OF BERLIN, NH
2018 - 2023 CIP Project Description

GENERAL PROJECT DATA:		MASTER PLAN INFORMATION: Project listed in MP? no	PROJECT NEED	PROJECT SCHEDULE	FY18				FY19				FY20				FY21				FY22				FY23			
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 ☒

MEDIUM ☐

LOW ☐

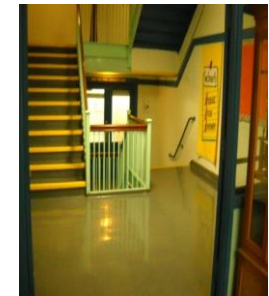
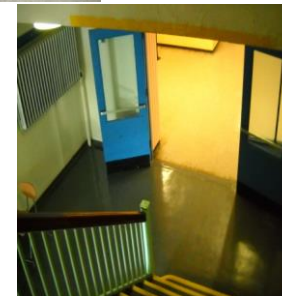
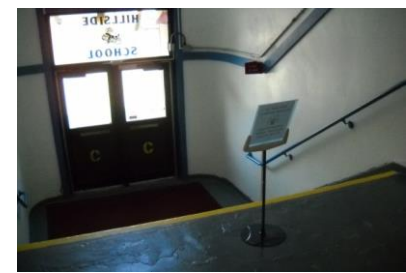
RATIONALE: School safety and security

GF-50

OPERATING BUDGET IMPACT:

FINANCIAL PLAN

	PRIOR	FY18	FY19	FY20	FY21	FY22	FY23	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								



GF-44

CITY OF BERLIN, NH
2018 - 2023 CIP Project Description

GENERAL PROJECT DATA:			MASTER PLAN INFORMATION: Project listed in MP? no		PROJECT NEED		PROJECT SCHEDULE				FY18				FY19				FY20				FY21				FY22				FY23			
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																													
Location: BHS Lecture Hall					Council Goal																													
					Dept. Goal																													

PROJECT DESCRIPTION, RATIONALE & OPERATING BUDGET IMPACT

DESCRIPTION: Renovate Lecture Hll 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.

GF-50

OPERATING BUDGET IMPACT:

FINANCIAL PLAN								
	PRIOR	FY18	FY19	FY20	FY21	FY22	FY23	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								



GF-45

CITY OF BERLIN, NH
2018 - 2023 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		PROJECT				FY18				FY19				FY20				FY21				FY22				FY23			
				NEED		SCHEDULE				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: Remove and replace the HB Smith boiler, burner, breaching and bring the system up to code including engineerd drawings.

PRIORITY IN RELATION TO OTHER PROJECTS

HIGH ☐

MEDIUM ☒

LOW ☐

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

GF-50

OPERATING BUDGET IMPACT:

FINANCIAL PLAN

	PRIOR	FY18	FY19	FY20	FY21	FY22	FY23	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								



GF-46

CITY OF BERLIN, NH
2018 - 2023 CIP Project Description

GENERAL PROJECT DATA:			MASTER PLAN INFORMATION: Project listed in MP? no		PROJECT NEED		PROJECT SCHEDULE				FY18				FY19				FY20				FY21				FY22				FY23			
Project Name: <u>Hillside/BMS Cafeteria Floors</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 School Cafeteria					Council Goal																													
					Dept. Goal	X																												

PROJECT DESCRIPTION, RATIONALE & OPERATING BUDGET IMPACT

DESCRIPTION: Hillside/BMS Cafeteria floor replacement and asbestos abatement.

PRIORITY IN RELATION TO OTHER PROJECTS

HIGH ☐

MEDIUM ☒

LOW ☐

RATIONALE: The only known area with asbestos contained materials, tile areas cracked and worn.

GF-50

OPERATING BUDGET IMPACT:

FINANCIAL PLAN								
	PRIOR	FY18	FY19	FY20	FY21	FY22	FY23	TOTAL
EXPENDITURES:								
Pre-Design								
Design								
Purch/Const.			70,000					70,000
TOTAL			\$70,000					\$70,000
FUNDING:								
Current Rev.			\$70,000					\$70,000
Seg. Funds								
Borrow								
Federal								
State								
Other								
TOTAL			\$70,000					\$70,000
OPERATING BUDGET IMPACT:								
Personnel								
Non-Personnel								
Capital								
TOTAL								



GF-47

CITY OF BERLIN, NH
2018 - 2023 CIP Project Description

GENERAL PROJECT DATA:		MASTER PLAN INFORMATION: Project listed in MP? no	PROJECT NEED	PROJECT SCHEDULE	FY18	FY19	FY20	FY21	FY22	FY23
Project Name:	Masonry & brick repointing				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/BMS complex		Council Goal		X	X				
			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

GF-50

OPERATING BUDGET IMPACT:

FINANCIAL PLAN

	PRIOR	FY18	FY19	FY20	FY21	FY22	FY23	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								



GF-48

CITY OF BERLIN, NH
2018 - 2023 CIP Project Description

GENERAL PROJECT DATA:		MASTER PLAN INFORMATION: Project listed in MP? no	PROJECT NEED	PROJECT SCHEDULE	FY18				FY19				FY20				FY21				FY22				FY23			
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
Council Goal																												
Location:	Berlin High Schools		Dept. Goal	X																								

PROJECT DESCRIPTION, RATIONALE & OPERATING BUDGET IMPACT

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

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.

GF-50

OPERATING BUDGET IMPACT:

FINANCIAL PLAN								
	PRIOR	FY18	FY19	FY20	FY21	FY22	FY23	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								



GF-49

CITY OF BERLIN, NH
2018 - 2023 CIP Project Description

GENERAL PROJECT DATA:		MASTER PLAN INFORMATION: Project listed in MP?	PROJECT		FY18		FY19		FY20		FY21		FY22		FY23	
Project Name: <u>Engine Four Replacement</u>			NEED		SCHEDULE		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 16 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. September 30, 2015 Engine four has been placed out of service do to cracks in the frame. The frame has been repaired, but service life sahl not exceed 2019. The annual amounts assume a 5% annual inflation rate for major fire apparatus along with a 20 year useful life expectancy. GF-50

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	FY18	FY19	FY20	FY21	FY22	FY23	TOTAL
EXPENDITURES:								
Pre-Design								
Design								
Purch/ Lease		262,617.30	262,617.30					525,234.60
Land/Acquisition								
TOTAL								
FUNDING:								
Current Rev.		262,617.30	262,617.30					525,234.60
Seg. Funds								
Borrow								
Federal								
State								
Other/User Fee								
TOTAL								
OPERATING BUDGET IMPACT:								
Personnel								
Non-Personnel								
Capital								
TOTAL								



GF-50

CITY OF BERLIN, NH
2018 - 2023 CIP Project Description

GENERAL PROJECT DATA:		MASTER PLAN INFORMATION: Project listed in MP? no	PROJECT NEED	PROJECT SCHEDULE	FY18				FY19				FY20				FY21				FY22				FY23			
Project Name: <u>BHS, BMS, BR, Intercom Systems</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: BHS,BMS, BR, Intercom Systems			Council Goal																									
			Dept. Goal	X																								

PROJECT DESCRIPTION, RATIONALE & OPERATING BUDGET IMPACT

DESCRIPTION: School Safety and communications
Berlin High School intercom system installed in 1972
BMS intercom installed in 1997
Brown intercom installed in 1999

PRIORITY IN RELATION TO OTHER PROJECTS

HIGH ☒

MEDIUM ☐

LOW ☐

RATIONALE: Internal communications system to increase safety

GF-50

OPERATING BUDGET IMPACT:

FINANCIAL PLAN

	PRIOR	FY18	FY19	FY20	FY21	FY22	FY23	TOTAL
EXPENDITURES:								
Pre-Design								
Design								
Purch/Const.		47,000						47,000
TOTAL		\$47,000						\$47,000
FUNDING:								
Current Rev.		\$47,000						\$47,000
Seg. Funds								
Borrow								
Federal								
State								
Other								
TOTAL		\$47,000						\$47,000
OPERATING BUDGET IMPACT:								
Personnel								
Non-Personnel								
Capital								
TOTAL								



GF-51

CITY OF BERLIN, NH
2018 - 2023 CIP Project Description

GENERAL PROJECT DATA:		MASTER PLAN INFORMATION: Project listed in MP? No.	PROJECT NEED	PROJECT SCHEDULE	FY18				FY19				FY20				FY21				FY22				FY23			
Project Name:	Replacement Windows				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																											
Location:																												

PROJECT DESCRIPTION, RATIONALE & OPERATING BUDGET IMPACT

DESCRIPTION: Replacement Windows

PRIORITY IN RELATION TO OTHER PROJECTS

HIGH ☐

MEDIUM ☒

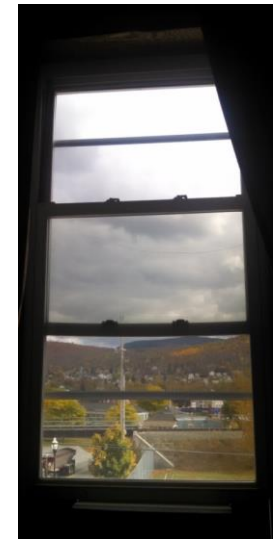
LOW ☐

RATIONALE: The current windows are old and drafty; space heaters are used and are not cost-effective. New windows will assist with heating costs; 22 windows at \$600 each.

GF-50

OPERATING BUDGET IMPACT:

FINANCIAL PLAN								
	PRIOR	FY18	FY19	FY20	FY21	FY22	FY23	TOTAL
EXPENDITURES:								
Pre-Design								
Design								
Purch/Const.								
TOTAL								
FUNDING:								
Current Rev.		\$13,200						\$13,200
Seg. Funds								
Borrow								
Federal								
State								
Other								
TOTAL		\$13,200						\$13,200
OPERATING BUDGET IMPACT:								
Personnel								
Non-Personnel								
Capital								
TOTAL								



GF-52

CITY OF BERLIN, NH
2018 - 2023 CIP Project Description

GENERAL PROJECT DATA:		MASTER PLAN INFORMATION: Project listed in MP? No.	PROJECT NEED	PROJECT SCHEDULE	FY18				FY19				FY20				FY21				FY22				FY23			
Project Name:	<u>THIRD FLOOR RENOVATIONS</u>				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 ☒

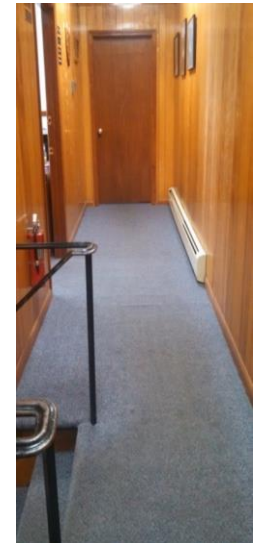
LOW ☐

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

GF-50

OPERATING BUDGET IMPACT:

FINANCIAL PLAN								
	PRIOR	FY18	FY19	FY20	FY21	FY22	FY23	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								



GF-53

CITY OF BERLIN, NH
2016 - 2021 CIP Project Description

GENERAL PROJECT DATA:		MASTER PLAN INFORMATION:		PROJECT NEED		PROJECT SCHEDULE				FY18				FY19				FY20				FY21				FY22				FY23			
Project Name: <u>In-House Monitoring System</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																									

PROJECT DESCRIPTION, RATIONALE & OPERATING BUDGET IMPACT

DESCRIPTION: In-House Monitoring System.

PRIORITY IN RELATION TO OTHER PROJECTS

HIGH ☒

MEDIUM ☐

LOW ☐

RATIONALE: A replacement to the current 12 year old monitoring system which currently records the PD cell and intake area, as well as various areas of the City's critical infrastructure. These recordings are used as evidence in court on regular basis. The current system is obsolete and no longer supported, and the audio/video quality is poor. GF-50

OPERATING BUDGET IMPACT:

FINANCIAL PLAN								
	PRIOR	FY18	FY19	FY20	FY21	FY22	FY23	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
2018 - 2023 CIP Project Description

GENERAL PROJECT DATA:		MASTER PLAN INFORMATION: Project listed in MP? No.	PROJECT NEED		PROJECT SCHEDULE		FY18				FY19				FY20				FY21				FY22				FY23			
Project Name: <u>Paved Parking Area</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: Police			Mandate																											
			Council Goal																											
Location:			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 run-off into the park. This item was previously considered as a CIP from 2005 through 2011 but was removed in anticipation of the : GF-50

OPERATING BUDGET IMPACT:

FINANCIAL PLAN								
	PRIOR	FY18	FY19	FY20	FY21	FY22	FY23	TOTAL
EXPENDITURES:								
Pre-Design								
Design								
Purch/Const.								
TOTAL								
FUNDING:								
Current Rev.		\$37,500						\$37,500
Seg. Funds								
Borrow								
Federal								
State								
Other								
TOTAL		\$37,500						\$37,500
OPERATING BUDGET IMPACT:								
Personnel								
Non-Personnel								
Capital								
TOTAL								



CITY OF BERLIN, NH
2018 - 2023 CIP Project Description

GENERAL PROJECT DATA: Project Name: <u>Radar Units</u> Department: Police Location:	MASTER PLAN INFORMATION: Project listed in MP? No.	PROJECT NEED	PROJECT SCHEDULE	FY18				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																									
		Dept. Goal	X				X																				

PROJECT DESCRIPTION, RATIONALE & OPERATING BUDGET IMPACT

DESCRIPTION: 5 Radar Units

PRIORITY IN RELATION TO OTHER PROJECTS

HIGH ☒

MEDIUM ☐

LOW ☐

RATIONALE: The PD's current radar units have served the department for 12+ years and have reach the end of their life expectancy. They are malfunctioning and requiring repeated repair/calibration. Replacement is necessary. The Department is requesting one-half the cost, as the other half will be requested through a grant.
 GF-50

OPERATING BUDGET IMPACT:

FINANCIAL PLAN								
	PRIOR	FY18	FY19	FY20	FY21	FY22	FY23	TOTAL
EXPENDITURES:								
Pre-Design								
Design								
Purch/Const.								
TOTAL								
FUNDING:								
Current Rev.		\$5,026						\$5,026
Seg. Funds								
Borrow								
Federal								
State		5,026						\$5,026
Other								
TOTAL		\$10,051						\$10,051
OPERATING BUDGET IMPACT:								
Personnel								
Non-Personnel								
Capital								
TOTAL								



GF-56

CITY OF BERLIN, NH
2018 - 2023 CIP Project Description

GENERAL PROJECT DATA:		MASTER PLAN INFORMATION: Project listed in MP? No.		PROJECT NEED	PROJECT SCHEDULE	FY18				FY19				FY20				FY21				FY22				FY23			
Project Name: <u>AEDs</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: Police				Mandate																									
				Council Goal																									
Location:				Dept. Goal	X	X																							

PROJECT DESCRIPTION, RATIONALE & OPERATING BUDGET IMPACT

DESCRIPTION: AEDs (Automatic External Defibrillator) are tools designed to dramatically improve survival rates in cardiac emergencies. The American Heart Association advises that successful defibrillation requires high-quality CPR performed at the proper depth and rate. AEDs recognize when a shock is necessary and provide that shock, as well as active instruction as to compression depth, rate, and whether or not to continue compressions. Combined with CPR, in which all officers are certified, these tools are potentially life saving.

RATIONALE: The Department currently has three AEDs which were purchased in 2004 and 2009; one is installed on the main floor and two portables alternate between cruisers. Their use has increased over the years to a recent average of twice per month. The averag GF-50 replacement. Five would provide one installed at the Department and one for each patrol vehicle.

PRIORITY IN RELATION TO OTHER PROJECTS

HIGH ☒

MEDIUM ☐

LOW ☐

OPERATING BUDGET IMPACT:

FINANCIAL PLAN								
	PRIOR	FY18	FY19	FY20	FY21	FY22	FY23	TOTAL
EXPENDITURES:								
Pre-Design								
Design								
Purch/Const.								
TOTAL								
FUNDING:								
Current Rev.		\$6,750						\$6,750
Seg. Funds								
Borrow								
Federal								
State								
Other								
TOTAL		\$6,750						\$6,750
OPERATING BUDGET IMPACT:								
Personnel								
Non-Personnel								
Capital								
TOTAL								



CITY OF BERLIN, NH																									
2018 - 2023 CIP Project Description																									
GENERAL PROJECT DATA:					MASTER PLAN INFORMATION:					PROJECT NEED		PROJECT SCHEDULE		FY18		FY19		FY20		FY21		FY22		FY23	
Project Name: Building Maintenance III					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											
PROJECT DESCRIPTION, RATIONALE & OPERATING BUDGET IMPACT																									
DESCRIPTION: Phase III of Building Maintenance Project										PRIORITY IN RELATION TO OTHER PROJECTS															
										HIGH <input checked="" type="checkbox"/>															
										MEDIUM <input type="checkbox"/>															
										LOW <input type="checkbox"/>															
RATIONALE: 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.																									
GF-50																									
OPERATING BUDGET IMPACT:																									
FINANCIAL PLAN																									
PRIOR		FY18		FY19		FY20		FY21		FY22		FY23		TOTAL											
EXPENDITURES:																									
Pre-Design																									
Design																									
Purch/Const.																									
TOTAL																									
FUNDING:																									
Current Rev.		\$25,000														\$25,000									
Seg. Funds		69,454														\$69,454									
Borrow																									
Federal																									
State																									
Other																									
TOTAL		\$69,454		\$25,000												\$94,454									
OPERATING BUDGET IMPACT:																									
Personnel																									
Non-Personnel																									
Capital																									
TOTAL																									

CITY OF BERLIN, NH
2018 - 2023 CIP Project Description

GENERAL PROJECT DATA:		MASTER PLAN INFORMATION: Project listed in MP? no	PROJECT NEED		PROJECT SCHEDULE				FY18				FY19				FY20				FY21				FY22				FY23			
Project Name: <u>Street Light Conversion to LED</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/Public Works/City Manager			Mandate																													
Location: Throughout Berlin			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.

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. / GF-50

OPERATING BUDGET IMPACT:

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

PRIORITY IN RELATION TO OTHER PROJECTS

HIGH ☒

MEDIUM ☐

LOW ☐

FINANCIAL PLAN

	PRIOR	FY18	FY19	FY20	FY21	FY22	FY23	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
2018 - 2023 CIP Project Description

GENERAL PROJECT DATA:		MASTER PLAN INFORMATION: Project listed in MP? yes	PROJECT NEED	PROJECT SCHEDULE	FY18				FY19				FY20				FY21				FY22				FY23			
Project Name:	Moving Downtown Forward				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 GF-50

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	FY18	FY19	FY20	FY21	FY22	FY23	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
2018 - 2023 CIP Project Description

GENERAL PROJECT DATA:			MASTER PLAN INFORMATION: Project listed in MP?	PROJECT NEED	PROJECT SCHEDULE	FY18				FY19				FY20				FY21				FY22				FY23			
Project Name: <u>IT Initiative</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				Mandate																									
Location:				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	

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.

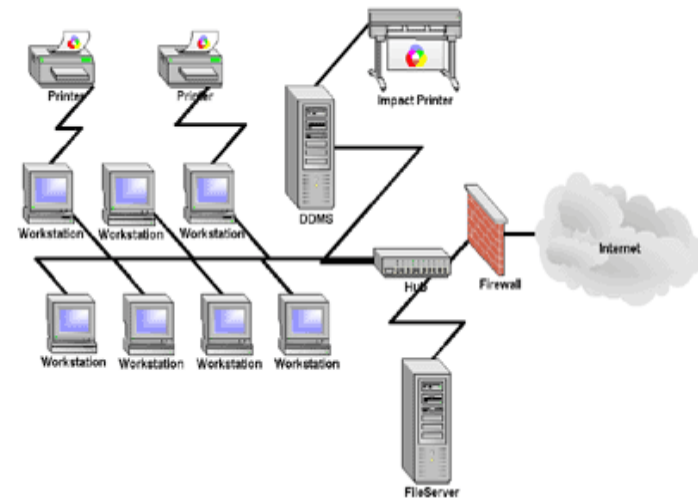
GF-50

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	FY18	FY19	FY20	FY21	FY22	FY23	TOTAL
EXPENDITURES:								
Pre-Design		\$70,000	\$70,000	\$40,000	\$10,000	\$15,000	\$10,000	\$215,000
Design								
Purch/Const.								
TOTAL		\$70,000	\$70,000	\$40,000	\$10,000	\$15,000	\$10,000	\$215,000
FUNDING:								
Current Rev.		\$70,000	\$70,000	\$40,000	\$10,000	\$15,000	\$10,000	\$215,000
Seg. Funds								
Borrow								
Federal								
State								
Other								
TOTAL		\$70,000	\$70,000	\$40,000	\$10,000	\$15,000	\$10,000	\$215,000
OPERATING BUDGET IMPACT:								
Personnel								
Non-Personnel								
Capital								
TOTAL								



CITY OF BERLIN, NH
2018 - 2023 CIP Project Description

GENERAL PROJECT DATA:		MASTER PLAN INFORMATION: Project listed in MP? no	PROJECT NEED	PROJECT SCHEDULE	FY18				FY19				FY20				FY21				FY22				FY23			
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.

GF-50

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	FY18	FY19	FY20	FY21	FY22	FY23	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.								
Seg. Funds								
Borrow								
Federal								
State								
Other								
TOTAL								
OPERATING BUDGET IMPACT:								
Personnel								
Non-Personnel								
Capital								
TOTAL								



GF-62

CITY OF BERLIN, NH
2018 - 2023 CIP Project Description

GENERAL PROJECT DATA: Project Name: <u>Skate Park</u> Department: Park & Rec. Maint Location: Central Park		MASTER PLAN INFORMATION: Project listed in MP? no	PROJECT NEED		PROJECT SCHEDULE	FY18				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																			
				Dept. Goal	x					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.

GF-50

OPERATING BUDGET IMPACT:

The new concrete skate wil require annual and regular maintenance activities

FINANCIAL PLAN

	PRIOR	FY18	FY19	FY20	FY21	FY22	FY23	TOTAL
EXPENDITURES:								
Pre-Design								
Design		5,000						
Purch/Const.								
TOTAL								
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								



GF-63

CITY OF BERLIN, NH

2018 - 2023 CIP Project Description

GENERAL PROJECT DATA:				MASTER PLAN INFORMATION:				PROJECT NEED		PROJECT SCHEDULE		FY18		FY19		FY20		FY21		FY22		FY23	
Project Name: <u>LIBRARY BUILDING MAINTENANCE</u>				Project listed in MP?				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: Library								Council Goal															
Location: 270 Main Street								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.
 GF-50
 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	FY18	FY19	FY20	FY21	FY22	FY23	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
2018 - 2023 CIP Project Description

GENERAL PROJECT DATA: Project Name: <u>Home Health Car</u> Department: Health Department Location: City Hall		MASTER PLAN INFORMATION: Project listed in MP? <div style="text-align: center;">no</div>	PROJECT	PROJECT	FY18				FY19				FY20				FY21				FY22				FY23			
			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 three vehicles in the Health Department are a 2014 Kia Rio, a 2006 Kia Rio, and a 2006 Ford focus. While the 2006 vehicles are well maintained the nature of the short trips and the harsh climate of the region has started taking its toll and has effected the vehicles frames. The City's mechanic notified us that one of the cars will not pass inspection the next time one is needed. We would also benefit from one of the cars being either AWD or 4x4. The newest car will be 9 years ols by the end of the CIP plan and will likely need to be replaced as well.

PRIORITY IN RELATION TO OTHER PROJECTS

HIGH ☒

MEDIUM ☐

LOW ☐

RATIONALE: Before having three cars in our department some of the full-time staff were receiving mileage checks of around \$300 to \$320 a month. The maintence and gas paid by the city for cars in our own fleet is less than this even when the cost of buying the vehicle is filtered in over the same period.

GF-50

OPERATING BUDGET IMPACT:

Replacing aging cars will allow us to maintain mileage reimbursement in a steady function and over time small and large scale repairs to keep the aging vehicles on the road would increase affecting the overall budget and would tie up the mechanics. The Kia's are currently being offered at \$15,500-\$16,000 so if inflation is considered \$20,000 should be the price range.

FINANCIAL PLAN

	PRIOR	FY18	FY19	FY20	FY21	FY22	FY23	TOTAL
EXPENDITURES:								
Pre-Design								
Design								
Purch/Const.		20,000		20,000		20,000		60,000
TOTAL		\$20,000		\$20,000		\$20,000		\$60,000
FUNDING:								
Current Rev.		\$20,000		\$20,000		\$20,000		\$60,000
Seg. Funds								
Borrow								
Federal								
State								
Other								
TOTAL		\$20,000		\$20,000		\$20,000		\$60,000
OPERATING BUDGET IMPACT:								
Personnel								
Non-Personnel								
Capital								
TOTAL								



CITY OF BERLIN, NH
2018 - 2023 CIP Project Description

GENERAL PROJECT DATA:		MASTER PLAN INFORMATION:		PROJECT NEED	PROJECT SCHEDULE	FY18	FY19	FY20	FY21	FY22	FY23
Project Name:	Health department additional space	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:	Health	no		Mandate							
Location:	City Hall Basement			Council Goal							
				Dept. Goal	x	FY 2017	x				

PROJECT DESCRIPTION, RATIONALE & OPERATING BUDGET IMPACT

DESCRIPTION: Provide a patient room where small lobby area is for the public health nurse to see patients so that her current office could be used for a nurse to sit and do paperwork, we would also remove the large meeting table and put in some dividers and utilize some desks that are not being used in other parts of the building to make two more spots for nurses to work.

PRIORITY IN RELATION TO OTHER PROJECTS

HIGH ☐

MEDIUM ☒

LOW ☐

RATIONALE: The current space for nurses to sit and do paperwork is over crowded and two nurses typically must sit in the open area and share a surge protector to plug in lap tops. They do not have easy access to a phone. There are so many nurses working in the large room there is no space for additional file cabinets and the nurses have difficulty focusing due to the noise level. If we rearrange how we utilize the space we could use the office that is currently used for public health patients as an additional work space, we could take out the large meeting table and place several dividers and possibly three desks in the area. VGF-50 cabinets to be added to the room the nurses currently work in if the work space is rearranged.

OPERATING BUDGET IMPACT:

Materials for the Public Health Nurse office would cost about \$500 if purchased by Public Works and the labor for two people for a week (the estimate provided by them) is \$3,040. If an outside contractor were to do the job it would be around \$550 for materials and \$4,800 for labor. Telephones would be \$275 a piece for a total of \$825. Electrical work (adding outlets and moving a light for the wall) \$1,000. \$1,000 for partition panels and t-legs

FINANCIAL PLAN

	PRIOR	FY18	FY19	FY20	FY21	FY22	FY23	TOTAL
EXPENDITURES:								
Pre-Design								
Design								
Purch/Const.		8,200						8,200
TOTAL								
FUNDING:								
Current Rev.		\$8,200						\$8,200
Seg. Funds								
Borrow								
Federal								
State								
Other								
TOTAL								\$8,200
OPERATING BUDGET IMPACT:								
Personnel								
Non-Personnel								
Capital								
TOTAL								



CITY OF BERLIN, NH
2018 - 2023 CIP Project Description

GENERAL PROJECT DATA:		MASTER PLAN INFORMATION: Project listed in MP? no	PROJECT NEED	PROJECT SCHEDULE	FY18				FY19				FY20				FY21				FY22				FY23			
Project Name:	Electronic Health Record				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:	Health		Mandate																									
Location:	City Hall		Council Goal																									
			Dept. Goal	x					x																			

PROJECT DESCRIPTION, RATIONALE & OPERATING BUDGET IMPACT

DESCRIPTION: Electronic Health Record to provide a better continuum of care, tablets for field work

PRIORITY IN RELATION TO OTHER PROJECTS

HIGH ☒

MEDIUM ☐

LOW ☐

RATIONALE: The federal government, clearing houses for billing, physicians offices and other specialties are using electronic health records and as technology advances it has become harder for our department to stay abreast of the free software and other items offered by Medicare because we do not have an electronic system. This has required us to spend countless hours developing new ways for us to compile, track and convert information. The system would also allow nurses to work on tablets in the field and send information back to the office electronically over VPN. This will also allow GF-50

OPERATING BUDGET IMPACT: \$4,000 to \$8,000 a year for service fees

FINANCIAL PLAN								
	PRIOR	FY18	FY19	FY20	FY21	FY22	FY23	TOTAL
EXPENDITURES:								
Pre-Design								
Design								
Purch/Const.		41,600						41,600
TOTAL								\$41,600
FUNDING:								
Current Rev.		\$41,600						\$41,600
Seg. Funds								
Borrow								
Federal								
State								
Other								
TOTAL		\$41,600						\$41,600
OPERATING BUDGET IMPACT:								
Personnel								
Non-Personnel								
Capital								
TOTAL								

Figures on Electronic health record by HealthIT.gov

Web Based
upfront cost
\$28,000

yearly cost
\$8,000

Tablets
\$5,600



CITY OF BERLIN, NH
2018 - 2023 CIP Project Description

GENERAL PROJECT DATA: Project Name: <u>Rte. 110 Sewer Extension</u>		MASTER PLAN INFORMATION: Project listed in MP?	PROJECT NEED		PROJECT SCHEDULE				FY18				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				
Department: Engineering			Mandate																													
Location:			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 ☒

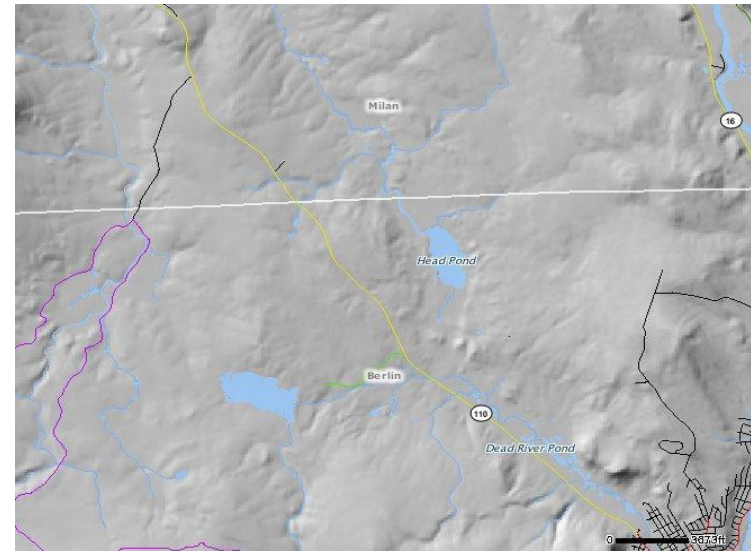
LOW ☐

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

GF-50

OPERATING BUDGET IMPACT:

FINANCIAL PLAN								
	PRIOR	FY18	FY19	FY20	FY21	FY22	FY23	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								
TOTAL								



CITY OF BERLIN, NH
2018 - 2023 CIP Project Description

GENERAL PROJECT DATA: Project Name: Snowmobile Trails Department: Engineering Location:	MASTER PLAN INFORMATION: Project listed in MP?	PROJECT NEED		PROJECT SCHEDULE	FY18				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
		Dept. Goal																										

PROJECT DESCRIPTION, RATIONALE & OPERATING BUDGET IMPACT

DESCRIPTION: Increase trail network through the City, through downtown Berlin.
Includes bridge over Androscoggin connecting Unity Street Park to PSNH Park

PRIORITY IN RELATION TO OTHER PROJECTS

HIGH ☒

MEDIUM ☐

LOW ☐

RATIONALE: Economic Development

GF-50

OPERATING BUDGET IMPACT:

FINANCIAL PLAN

	PRIOR	FY18	FY19	FY20	FY21	FY22	FY23	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
2018 - 2023 CIP Project Description

GENERAL PROJECT DATA:		MASTER PLAN INFORMATION: Project listed in MP? no	PROJECT NEED	PROJECT SCHEDULE	FY18				FY19				FY20				FY21				FY22				FY23			
Project Name: <u>Downtown Snow Melt 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: Engineering			Mandate																									
Location: Main Street			Council Goal																									
			Dept. Goal	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.

GF-50

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

FINANCIAL PLAN

	PRIOR	FY18	FY19	FY20	FY21	FY22	FY23	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.								
Seg. Funds								
Borrow								
Federal								
State								
Other								
TOTAL								
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)



GF-70

CITY OF BERLIN, NH
2018 - 2023 CIP Project Description

GENERAL PROJECT DATA:		MASTER PLAN INFORMATION:		PROJECT		PROJECT				FY18				FY19				FY20				FY21				FY22				FY23																											
Project Name: <u>New Work Stations</u> Department: Council Goal Location:		Project listed in MP? no		NEED		SCHEDULE				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.

GF-50

OPERATING BUDGET IMPACT:

FINANCIAL PLAN								
	PRIOR	FY18	FY19	FY20	FY21	FY22	FY23	TOTAL
EXPENDITURES:								
Pre-Design								
Design								
Purch/Const.		7,600						7,600
TOTAL								
FUNDING:								
Current Rev.								
Seg. Funds								
Borrow								
Federal								
State								
Other								
TOTAL								
OPERATING BUDGET IMPACT:								
Personnel		\$7,600						\$7,600
Non-Personnel								
Capital								
TOTAL								



GF-71

CITY OF BERLIN, NH
2018 - 2023 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	PROJECT	FY18	FY19	FY20	FY21	FY22	FY23
		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: 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	#####	Clock Tower Maint	\$ 20,000.00
Elevator	#####	Windows	#####	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 GF-50

SPACE INCLUDING FINANCE, CITY CLERK, PUBLIC WORKS, PLANNING AND CITY MANAGER.

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

FINANCIAL PLAN

	PRIOR	FY18	FY19	FY20	FY21	FY22	FY23	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
2018 - 2023 CIP Project Description

<div>GENERAL PROJECT DATA:</div> <div>Project Name: Housing Initiative</div> <div>Department: Housing</div> <div>Location:</div>	<div>MASTER PLAN INFORMATION:</div> <div>Project listed in MP? Yes</div>	PROJECT NEED		PROJECT SCHEDULE	FY18				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

PRIORITY IN RELATION TO OTHER PROJECTS

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 tGF-50
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


EDI : 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																					
2018 - 2023 CIP Project Description																					
GENERAL PROJECT DATA: Project Name: <u>Repair Program</u> Department: Fire Department Division: Public Safety Location: 263 Main Street				MASTER PLAN INFORMATION: Project listed in MP?		PROJECT NEED		PROJECT SCHEDULE		FY18		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															
						Dept. Goal				x		x									
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 <input checked="" type="checkbox"/>							
														MEDIUM <input type="checkbox"/>							
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 including interior painting. The foundation needs to be repaired in the front of 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 One, Ladder One, and Engine Four need to be repaired; cracks are starting to leak through to the basement. Priority should be GF-50 In giscal year 2018 serious consideration should be given to replacing the 1985 roof on the central fire station.														LOW <input type="checkbox"/>							
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 laborers, estimated at \$7,500. Added to the cost is a lift at \$1,900.00 for two weeks with the total for the window project estimated at \$28,451.44.																					
FINANCIAL PLAN																					
		PRIOR	FY18	FY19	FY20	FY21	FY22	FY23	TOTAL												
EXPENDITURES:																					
Pre-Design																					
Design																					
Purch/Const.			28,000.00						28,000.00												
Land/Acquisition																					
TOTAL																					
FUNDING:																					
Current Rev.			28,000.00						28,000.00												
Seg. Funds																					
Borrow																					
Federal																					
State																					
Other/User Fee																					
TOTAL			28,000.00						28,000.00												
OPERATING BUDGET IMPACT:																					
Personnel																					
Non-Personnel																					
Capital																					
TOTAL																					

CITY OF BERLIN, NH

2018 - 2023 CIP Project Description

GENERAL PROJECT DATA:		MASTER PLAN INFORMATION: Project listed in MP? NO	PROJECT		PROJECT				FY18				FY19				FY20				FY21				FY22				FY23									
Project Name: <u>Cost Replacement</u>			NEED		SCHEDULE		1				2				3				4				1				2				3				4			
Department: Waste Water Treatment			Mandate																																			
Location: Main Plant			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	\$8,000
Fenceline Upgrade and Replacements for around Perimeter	\$44,000

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 or GF-50

OPERATING BUDGET IMPACT

FINANCIAL PLAN

	PRIOR	FY18	FY19	FY20	FY21	FY22	FY23	TOTAL
EXPENDITURES								
Design	\$ 500							\$ 500
Management		\$ 1,000	\$ 1,000	\$ 2,500				\$ 4,500
Equipment		\$ 11,000	\$ 39,500	\$ 40,000				\$ 90,500
Construction		\$ 4,000	\$ 1,000	\$ 10,000				\$ 15,000
TOTAL	\$ 500	\$ 16,000	\$ 41,500	\$ 52,500				\$ 110,500
FUNDING								
Current Rev.	\$ 1,109,185	\$ (16,000)	\$ (41,500)	\$ (52,500)				\$ 999,185
Seg. Funds	\$ 5,202,913							\$ 5,202,913
Borrow								
Federal								
State								
Other								
TOTAL	\$ 6,312,098	\$ (16,000)	\$ (41,500)	\$ (52,500)				\$ 6,202,098
OPERATING BUDGET IMPACT								
Personnel								
Non-Personnel								
Capital								
TOTAL								

(MAP OR PLAN OF PROJECT OR BOTH)

CITY OF BERLIN, NH
2018 - 2023 CIP Project Description

GENERAL PROJECT DATA:		MASTER PLAN INFORMATION: Project listed in MP? NO	PROJECT NEED	SCHEDULE	FY18				FY19				FY20				FY21				FY22				FY23			
Project Name:	Utility Mapping				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:

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:

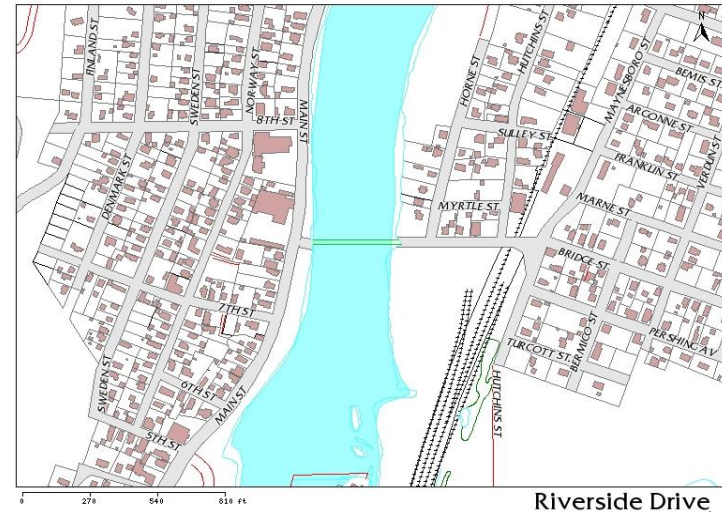
Update mapping in comprehensive GIS

GF-50

OPERATING BUDGET IMPACT

NANCIAL PLAN

	Prior	FY18	FY19	FY20	FY21	FY22	FY23	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
2018 - 2023 CIP Project Description

GENERAL PROJECT DATA:		MASTER PLAN INFORMATION: Project listed in MP? NO	PROJECT NEED		SCHEDULE	FY18				FY19				FY20				FY21				FY22				FY23			
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				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	#####	11th St	\$50,000.00	
Main Street structures	#####	Willard St	\$70,000.00	
Goebel Street	#####	Pleasant St structures	#####	
Viking Street	\$70,000.00	Norway St	\$60,000.00	
Sweden Street	\$60,000.00			
GF-50	\$520,000.00		\$320,000.00	\$840,000.00

HIGH ☒

MEDIUM ☐

LOW ☐

RATIONALE:

OPERATING BUDGET IMPACT

FINANCIAL PLAN

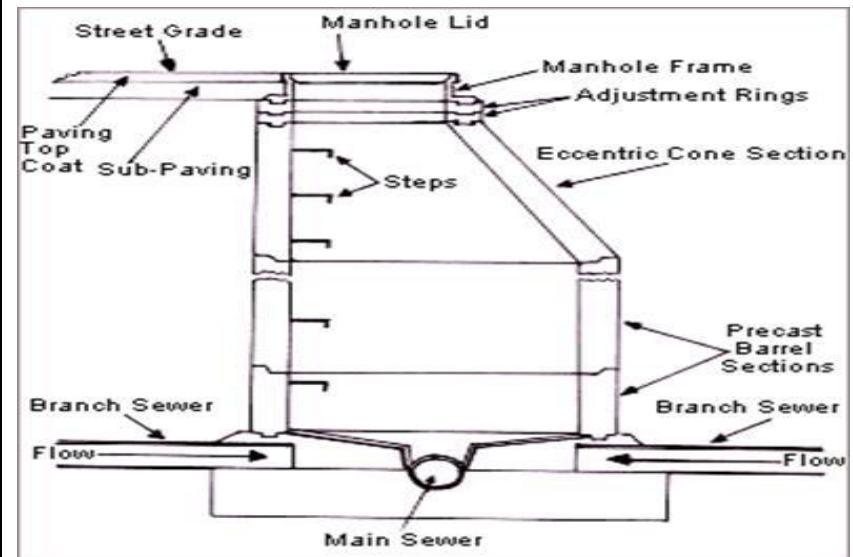
	Prior	FY18	FY19	FY20	FY21	FY22	FY23	TOTAL
EXPENDITURES:								
Design		\$20,000	\$20,000	\$20,000	\$20,000	\$20,000	\$20,000	\$120,000
Management		100,000	100,000	100,000	100,000	100,000	100,000	600,000
Equipment								
Construction								
TOTAL		\$120,000	\$120,000	\$120,000	\$120,000	\$120,000	\$120,000	\$720,000

FUNDING:

Current Rev.		\$120,000	\$120,000	\$120,000	\$120,000	\$120,000	\$120,000	\$720,000
Seg. Funds	22,049							22,049
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

2018 - 2023 CIP Project Description

GENERAL PROJECT DATA:		MASTER PLAN INFORMATION: Project listed in MP? NO	PROJECT NEED	PROJECT SCHEDULE	FY18				FY19				FY20				FY21				FY22				FY23			
Project Name:	<u>Modernize Dead River (Bass Shoe) Pump Station</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:	Jericho Road		Council Goal																									
			Dept. Goal		x				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:

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

PRIORITY IN RELATION TO OTHER PROJECTS

HIGH ☒

MEDIUM ☐

LOW ☐

GF-50

OPERATING BUDGET IMPACT

Medium Impact unless Cash Flow is a problem.

FINANCIAL PLAN								
	PRIOR	FY18	FY19	FY20	FY21	FY22	FY23	TOTAL
EXPENDITURES								
Design		\$ 30,000						\$ 30,000
Management			\$ 30,000					\$ 30,000
Equipment			\$ 175,000					\$ 175,000
Construction			\$ 50,000					\$ 50,000
TOTAL		\$30,000	\$255,000					\$285,000
FUNDING								
Current Rev.	\$ 3,143,782	\$ (30,000)	\$ (255,000)					\$2,858,782
Seg. Funds								
Borrow								
Federal								
State								
Other								
TOTAL	\$3,143,782	(\$30,000)	(\$255,000)					\$2,858,782
OPERATING BUDGET IMPACT								
Personnel								
Non-Personnel								
Capital			\$ 255,000					\$255,000
TOTAL			\$255,000					\$255,000



CITY OF BERLIN, NH

2018 - 2023 CIP Project Description

GENERAL PROJECT DATA:		MASTER PLAN INFORMATION: Project listed in MP? NO	PROJECT NEED	PROJECT SCHEDULE	FY18				FY19				FY20				FY21				FY22				FY23			
Project Name:	<u>Modernize Devens Street Pump Station</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:	NE Corner Devens St and Shelby St		Council Goal																									
			Dept. Goal		x		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.

GF-50

OPERATING BUDGET IMPACT

Medium Impact unless Cash Flow is a problem.

PRIORITY IN RELATION TO OTHER PROJECTS

HIGH ☐

MEDIUM ☒

LOW ☐

FINANCIAL PLAN

	PRIOR	FY18	FY19	FY20	FY21	FY22	FY23	TOTAL
EXPENDITURES								
Design		\$ 25,000						\$ 25,000
Management					\$ 45,000			\$ 45,000
Equipment					\$ 250,000			\$ 250,000
Construction					\$ 100,000			\$ 100,000
TOTAL		\$ 25,000			\$ 395,000			\$ 420,000
FUNDING								
Current Rev.	\$ 3,143,782	\$ (25,000)			\$ (395,000)			\$ 2,723,782
Seg. Funds								
Borrow								
Federal								
State								
Other								
TOTAL	\$ 3,143,782	\$ (25,000)			\$ (395,000)			\$ 2,723,782
OPERATING BUDGET IMPACT								
Personnel								
Non-Personnel								
Capital					\$ 395,000			\$ 395,000
TOTAL					\$ 395,000			\$ 395,000



CITY OF BERLIN, NH

2018 - 2023 CIP Project Description

GENERAL PROJECT DATA:		MASTER PLAN INFORMATION: Project listed in MP? NO	PROJECT NEED	PROJECT SCHEDULE	FY18				FY19				FY20				FY21				FY22				FY23			
Project Name:	<u>Rebuild Raw Sewage Pump Impeller</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:	Waste Water Treatment		Council Goal																									
Location:	Watson Street Pump Station Pump Room Basement		Dept. Goal		x	x	x	x																				

PROJECT DESCRIPTION, RATIONALE & OPERATING BUDGET IMPACT

DESCRIPTION:

Rebuild raw sewage pump including a new design impeller to handle flows lower on the performance curve.

RATIONALE:

Influent Flows are coming down as a result of Inflow and Infiltration work in the Sewer System and dropping below the bottom range of these Pumps, causing frequent start-stop cycles. Heavy flux loading is energy intensive and the mechanical coupling is put under strain at each start; also, some Process Controls are paced by this Flow and do not work when Flow stops and then are erratic when regaining control of the Process.

OPERATING BUDGET IMPACT:

Reduced kW loading with reduced frequency of Start cycles, and more uniform tighter Process Control should all contribute to lowering costs.

PRIORITY IN RELATION TO OTHER PROJECTS

HIGH ☐

MEDIUM ☒

LOW ☐

FINANCIAL PLAN								
	PRIOR	FY18	FY19	FY20	FY21	FY22	FY23	TOTAL
EXPENDITURES								
Design		\$ 3,000						\$ 3,000
Management			\$ 2,500					\$ 2,500
Equipment			\$ 30,000					\$ 30,000
Construction			\$ 4,500					\$ 4,500
TOTAL		\$ 3,000	\$ 37,000					\$ 40,000
FUNDING								
Current Revenue	\$ 3,143,782	\$ (3,000)	\$ (37,000)					\$ 3,103,782
Segregated Funds								
Borrow								
Federal								
State								
Other								
TOTAL	\$ 3,143,782	\$ (3,000)	\$ (37,000)					\$ 3,103,782
OPERATING BUDGET IMPACT								
Personnel								\$ -
Non-Personnel								\$ -
Capital			\$ 37,000					\$ 37,000
								\$ -
TOTAL			\$ 37,000					\$ 37,000



CITY OF BERLIN, NH
2018 - 2023 CIP Project Description

GENERAL PROJECT DATA:		MASTER PLAN INFORMATION: Project listed in MP?	PROJECT NEED		SCHEDULE				FY18				FY19				FY20				FY21				FY22				FY23			
Project Name: <u>Replace Boiler Administration Building</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: Pollution Control Facility			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 .
GF-50

OPERATING BUDGET IMPACT:
Reduced Fuel Usage and Energy Efficiency.

FINANCIAL PLAN

	Prior	FY18	FY19	FY20	FY21	FY22	FY23	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.	\$ 3,143,782			(\$90,000)				\$3,053,782
Seg. Funds								
Borrow								
Federal								
State								
Other								
TOTAL	\$3,143,782			(\$90,000)				\$3,053,782
OPERATING BUDGET IMPACT:								
Personnel								\$0
Non-Personnel								0
Capital				\$90,000				90,000
TOTAL	\$0	\$0	\$0	\$90,000	\$0	\$0	\$0	\$90,000



CITY OF BERLIN, NH

2018 - 2023 CIP Project Description

GENERAL PROJECT DATA:		MASTER PLAN INFORMATION:		PROJECT	PROJECT	FY18				FY19				FY20				FY21				FY22				FY23			
Project Name:	Replace Gravity Thickener Covers with 2 new Aluminum Domes	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:	Waste Water Treatment			Mandate																									
Location:	Gravity Thickeners			Council Goal																									
				Dept. Goal		x			x									x	x										

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	FY18	FY19	FY20	FY21	FY22	FY23	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.	\$ 3,143,782				\$ (111,000)			\$ 3,032,782
Seg. Funds								\$ -
Borrow								\$ -
Federal								\$ -
State								\$ -
Other								\$ -
TOTAL	\$ 3,143,782				\$ (111,000)			\$ 3,032,782
OPERATING BUDGET IMPACT								
Personnel								\$ -
Non-Personnel								\$ -
Capital					\$ 111,000			\$ 111,000
								\$ -
TOTAL					\$ 111,000			\$ 111,000



CITY OF BERLIN, NH

2018 - 2023 CIP Project Description

GENERAL PROJECT DATA:		MASTER PLAN INFORMATION: Project listed in MP? NO	PROJECT NEED	PROJECT SCHEDULE	FY18	FY19	FY20	FY21	FY22	FY23
Project Name:	Modernize Alarm system at Pump Stations				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		

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	FY18	FY19	FY20	FY21	FY22	FY23	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	\$ 3,143,782	\$ (3,000)	\$ (41,500)					\$ 3,099,282
Segregated Funds								
Borrow								
Federal								
State								
Other								
TOTAL	\$ 3,143,782	\$ (3,000)	\$ (41,500)					\$ 3,099,282
OPERATING BUDGET IMPACT								
Personnel								
Non-Personnel								
Capital			\$ 41,500					\$ 41,500
TOTAL			\$ 41,500					\$ 41,500



CITY OF BERLIN, NH
2018 - 2023 CIP Project Description

GENERAL PROJECT DATA:		MASTER PLAN INFORMATION:		PROJECT NEED	PROJECT SCHEDULE	FY18	FY19	FY20	FY21	FY22	FY23
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	FY18	FY19	FY20	FY21	FY22	FY23	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
2018 - 2023 CIP Project Description

GENERAL PROJECT DATA:		MASTER PLAN INFORMATION: Project listed in MP? NO	PROJECT NEED	PROJECT SCHEDULE	FY18				FY19				FY20				FY21				FY22				FY23			
Project Name: <u>New Airline to Grit Chambers</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: Outside and into Primary Pump Room			Council Goal																									
			Dept. Goal		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.

GF-50

OPERATING BUDGET IMPACT

Take 3 Blowers off the Grid (depending on tanks on line).

PRIORITY IN RELATION TO OTHER PROJECTS

HIGH ☐

MEDIUM ☒

LOW ☐

FINANCIAL PLAN

	PRIOR	FY18	FY19	FY20	FY21	FY22	FY23	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.	\$ 3,143,782							\$ 3,143,782
Seg. Funds								
Borrow								
Federal								
State								
Other								
TOTAL	\$ 3,143,782							\$ 3,143,782
OPERATING BUDGET IMPACT								
Personnel								
Non-Personnel								
Capital					\$ 32,500			\$ 32,500
TOTAL					\$ 32,500			\$ 32,500



CITY OF BERLIN, NH
2018 - 2023 CIP Project Description

GENERAL PROJECT DATA:		MASTER PLAN INFORMATION:		PROJECT NEED	PROJECT SCHEDULE	FY18	FY19	FY20	FY21	FY22	FY23
Project Name:	<u>Fill Drainage Ditch by Effluent Discharge over New Culvert & Bring to Grade</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:	Waste Water Treatment			Mandate							
Location:	Treatment Plant			Council Goal							
				Dept. Goal	x	x	x x				

PROJECT DESCRIPTION, RATIONALE & OPERATING BUDGET IMPACT

DESCRIPTION

Install Culvert in Drainage Ditch along entrance to Facility, build 2 Headers at each end so surface drains can flow to River, backfill level to existing grade, loam and seed.

RATIONALE

Drainage ditch is deep and difficult to maintain: weeds and heavy brush grow there continuously; we have too little room to pile up snow from this area during the course of a winter. By filling the Drainage Ditch we create more lawn to mow and give ourselves more room to pile up snow in winter; also we gain more access to the Chlorine Contact Tanks for when we bring in equipment to help us with our maintenance, eg, VacTruck, big Pumps.

OPERATING BUDGET IMPACT

Less hand mowing required to maintain Lawn and removing snow. Ease of access for maintenance to bring in big equipment to the Chlorine Contact Tanks or the WAS Tanks for service.

PRIORITY IN RELATION TO OTHER PROJECTS

HIGH ☐

MEDIUM ☐

LOW ☒

FINANCIAL PLAN								
	PRIOR	FY18	FY19	FY20	FY21	FY22	FY23	TOTAL
EXPENDITURES								
Design	\$ 3,500							\$ 3,500
Management			\$ 1,000					\$ 1,000
Equipment			\$ 5,000					\$ 5,000
Construction			\$ 25,000					\$ 25,000
TOTAL	\$ 3,500		\$ 31,000					\$ 34,500
FUNDING								
Current Revenue	\$ 3,143,782		\$ (31,000)					\$ 3,112,782
Segregated Funds								
Borrow								
Federal								
State								
Other								
TOTAL	\$ 3,143,782		\$ (31,000)					\$ 3,112,782
OPERATING BUDGET IMPACT								
Personnel								
Non-Personnel								
Capital			\$ 31,000					\$ 31,000
TOTAL			\$ 31,000					\$ 31,000



CITY OF BERLIN, NH

2018 - 2023 CIP Project Description

GENERAL PROJECT DATA:		MASTER PLAN INFORMATION: Project listed in MP? NO	PROJECT NEED	PROJECT SCHEDULE	FY18				FY19				FY20				FY21				FY22				FY23			
Project Name:	Replace Kubota Tractor with new Equipment and Attachments				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																											
Location:	Grounds																											

PROJECT DESCRIPTION, RATIONALE & OPERATING BUDGET IMPACT

DESCRIPTION

Replace 1988 L3350 Kubota Tractor/Backhoe with a new Tractor with Backhoe. Looking to increase the size of the tractor for more capacity to move snow in winter; modern quick-disconnect attachment versatility; and greater variety of attachments for subsequent purchase.

RATIONALE

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.

PRIORITY IN RELATION TO OTHER PROJECTS

HIGH ☐

MEDIUM ☐

LOW ☒

OPERATING BUDGET IMPACT

FINANCIAL PLAN

	PRIOR	FY18	FY19	FY20	FY21	FY22	FY23	TOTAL
EXPENDITURES								
Design	\$ 1,000							\$ 1,000
Management								
Equipment		\$ 100,000	\$ 25,000					\$ 125,000
Construction								
TOTAL	\$ 1,000	\$ 100,000	\$ 25,000					\$ 126,000
FUNDING								
Current Revenue	\$ 3,143,782	\$ (100,000)	\$ (25,000)					\$ 3,018,782
Segregated Funds								
Borrow								
Federal								
State								
Other								
TOTAL	\$ 3,143,782	\$ (100,000)	\$ (25,000)					\$ 3,018,782
OPERATING BUDGET IMPACT								
Personnel								
Non-Personnel								
Capital		\$ 100,000	\$ 25,000					\$ 125,000
TOTAL		\$ 100,000	\$ 25,000					\$ 125,000



CITY OF BERLIN, NH

2018 - 2023 CIP Project Description

GENERAL PROJECT DATA:		MASTER PLAN II Project listed in M NO	PROJECT NEED	PROJECT SCHEDULE	FY18				FY19				FY20				FY21				FY22				FY23			
Project Name:	Modernize Napert Village Pump Station				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:	Main Plant		Council Goal																									
			Dept. Goal		x			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

Upgrade 40 year old Infrastructure to modern standards and put Pump Station in condition for possible growth on old Mill site.

GF-50

OPERATING BUDGET IMPACT

Medium Impact unless Cash Flow is a problem.

PRIORITY IN RELATION TO OTHER PROJECTS

HIGH ☐

MEDIUM ☒

LOW ☐

FINANCIAL PLAN

	PRIOR	FY18	FY19	FY20	FY21	FY22	FY23	TOTAL
EXPENDITURES								
Design		\$ 20,000						\$ 20,000
Management				\$ 30,000				\$ 30,000
Equipment				\$ 100,000				\$ 100,000
Construction				\$ 50,000				\$ 50,000
TOTAL		\$ 20,000		\$ 180,000				\$ 200,000
FUNDING								
Current Revenue	\$ 3,143,782	\$ (20,000)		\$ (180,000)				\$ 2,943,782
Segregated Funds								
Borrow								
Federal								
State								
Other								
TOTAL	\$ 3,143,782	\$ (20,000)		\$ (180,000)				\$ 2,943,782
OPERATING BUDGET IMPACT								
Personnel								
Non-Personnel								
Capital				\$ 180,000				\$ 180,000
TOTAL				\$ 180,000				\$ 180,000



OTH)

CITY OF BERLIN, NH
2018 - 2023 CIP Project Description

GENERAL PROJECT DATA:			MASTER PLAN INFORMATION: Project listed in MP?	PROJECT NEED		PROJECT SCHEDULE				FY18				FY19				FY20				FY21				FY22				FY23			
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					
<u>beacon line clearing</u>				Mandate								X X X X																					
Department: Berlin Regional Airport				Council Goal																													
Location: 800 East Side River Road, Milan				Dept. Goal		X																											

PROJECT DESCRIPTION, RATIONALE & OPERATING BUDGET IMPACT	
<p>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.</p> <p>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 GF-50</p> <p>OPERATING BUDGET IMPACT:</p>	<p>PRIORITY IN RELATION TO OTHER PROJECTS</p> <p>HIGH <input type="checkbox"/></p> <p>MEDIUM <input checked="" type="checkbox"/></p> <p>LOW <input type="checkbox"/></p>

FINANCIAL PLAN								
	PRIOR	FY18	FY19	FY20	FY21	FY22	FY23	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
2018 - 2023 CIP Project Description

GENERAL PROJECT DATA:		MASTER PLAN INFORMATION: Project listed in MP?	PROJECT NEED		PROJECT SCHEDULE				FY18				FY19				FY20				FY21				FY22				FY23			
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.

GF-50

OPERATING BUDGET IMPACT:

5% of total project cost

FINANCIAL PLAN

	PRIOR	FY18	FY19	FY20	FY21	FY22	FY23	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
2018 - 2023 CIP Project Description

GENERAL PROJECT DATA:			MASTER PLAN INFORMATION: Project listed in MP?	PROJECT NEED		PROJECT SCHEDULE				FY18				FY19				FY20				FY21				FY22				FY23			
Project Name: <u>Wildlife Hazard Assessment</u>				Mandate	X																												
Department: Berlin Regional Airport				Council Goal																													
Location:				Dept. Goal																													

PROJECT DESCRIPTION, RATIONALE & OPERATING BUDGET IMPACT

DESCRIPTION: Conduct a Wildlife Hazard Assessment.
and reconstruct the pavement on Hangar 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.
GF-50

OPERATING BUDGET IMPACT:

FINANCIAL PLAN

	PRIOR	FY18	FY19	FY20	FY21	FY22	FY23	TOTAL
EXPENDITURES:								
Pre-Design								
Design								
Purch/Const.								
TOTAL								
FUNDING:								
Current Rev.				\$3,889				\$3,889
Seg. Funds								
Borrow								
Federal				62,222				62,222
State				3,889				3,889
Other								
TOTAL				\$70,000				\$70,000
OPERATING BUDGET IMPACT:								
Personnel								
Non-Personnel								
Capital								
TOTAL								



CITY OF BERLIN, NH
2018 - 2023 CIP Project Description

GENERAL PROJECT DATA:			MASTER PLAN INFORMATION: Project listed in MP?	PROJECT NEED	PROJECT SCHEDULE	FY18				FY19				FY20				FY21				FY22				FY23			
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																									
Location:				Council Goal										X X				X X											
				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.

GF-50

PRIORITY IN RELATION TO OTHER PROJECTS

HIGH ☐

MEDIUM ☐

LOW ☒

OPERATING BUDGET IMPACT:

FINANCIAL PLAN

	PRIOR	FY18	FY19	FY20	FY21	FY22	FY23	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
2018 - 2023 CIP Project Description

GENERAL PROJECT DATA:		MASTER PLAN INFORMATION: Project listed in MP?	PROJECT NEED	PROJECT SCHEDULE	FY18				FY19				FY20				FY21				FY22				FY23			
Project Name:	Hazard Beacon Line Clearing & Replacement of HVAC in Terminal Building		Mandate		X	X	X	X																				
			Council Goal																									
			Dept. Goal	X																								
Department:		Berlin Regional Airport																										
Location:		800 East Side River Road, Milan																										

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 2018.
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.

GF-50

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

FINANCIAL PLAN

	PRIOR	FY18	FY19	FY20	FY21	FY22	FY23	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								



CITY OF BERLIN, NH
2018 - 2023 CIP Project Description

GENERAL PROJECT DATA:			MASTER PLAN INFORMATION: Project listed in MP?	PROJECT NEED		PROJECT SCHEDULE	FY18				FY19				FY20				FY21				FY22				FY23			
Project Name: <u>Terminal Building Replacement</u>				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: Berlin Regional Airport				Council Goal							X	X									X									
Location:				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.

GF-50

OPERATING BUDGET IMPACT:

FINANCIAL PLAN								
	PRIOR	FY18	FY19	FY20	FY21	FY22	FY23	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								

