

2017-2022 Capital Improvement Plan



City of Berlin, NH

City Manager's Office



Date: February 2, 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 2017 through FY 2022 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). The Annual Operating Budget then becomes simply an annual means for 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

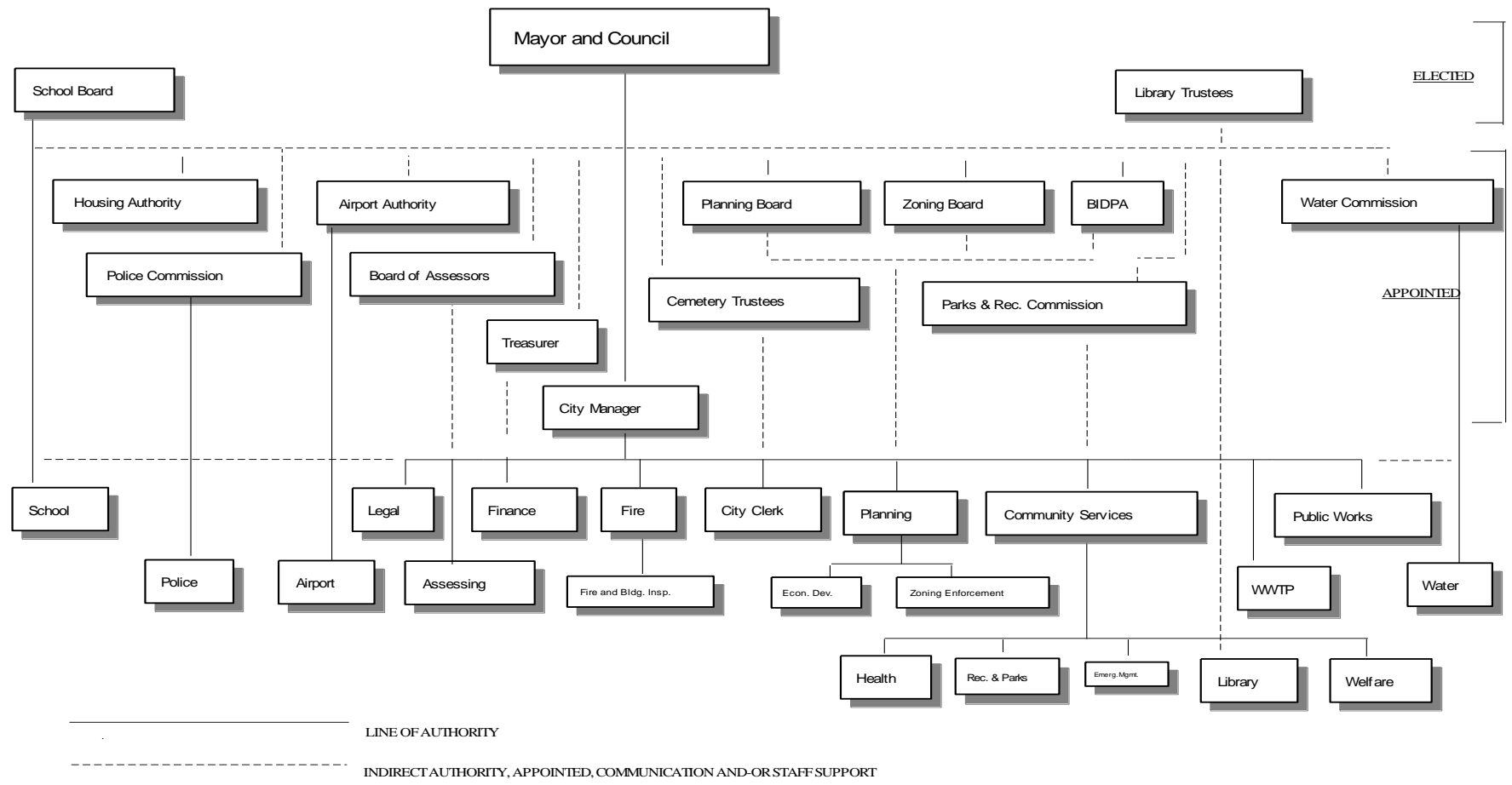
It is important to note that the City government is broken down financially into a number of separate funds. This CIP therefore is broken down into separate City Funds as well. The first and by far the largest of these funds is the General Fund. This Fund includes most of the operating Departments of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



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
 - Northern lights
 - Holiday center
 - Walmart
 - Community flu shots
 - Employee
 - Well baby
 - TB immunization
 - B12
 - Med prep
 - Glaucoma clinic

- Cholesterol
- NHTS women's wellness day
- Drive in the 50's
- Senior wellness day
- Health officer training
- Health consortium committee
- FEMA fund committee
- Animal Complaints
- Housing complaints
- Foster care inspection
- School clinic
- Joint Loss Prevention Committee

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								
2017-2022 Capital Improvement Program								
FY 2017 Projects								
Project #	DEPT	PROJECT TITLE	CITY	STATE	FEDERAL	BORROW	OTHER	TOTAL
GENERAL FUND	FUND							FUNDING
GF-1	ASSESSING	Assessing Contract & Utility Valuation	45500					45500
GF-2	ENGINEERING	Sidewalk Replacement	100,000					100,000
GF-3	ENGINEERING	Retaining Wall Repair/Replacement	120,000					120,000
GF-4	ENGINEERING	Street Rehabilitation	309,000					309,000
GF-5	ENGINEERING	Bridge Inspection/Repair Program	120,000	368,800.00				488,800
GF-6	ENGINEERING	Hutchins St Rehab			748,000			748,000
GF-7	ENGINEERING	Upper Main Street Rehab	300,000			1,500,000		1,800,000
GF-11	FIRE	Fire Repair Program	28,000					28,000
GF-13	FIRE	Fire Dept Addition	450,000					450,000
GF-14	FIRE	Fire Dept Ladder One Lease Purchase	200,000					200,000
GF-17	POLICE	Portable Monitoring System	15,000					15,000
GF-18	POLICE	Police Cruisers	65,800					65,800
GF-19	POLICE	Rifles	29,400					29,400
GF-22	POLICE	Leather Gear	9,000					9,000
GF-23	POLICE	Dispatch Desks	40,000					40,000
GF-24	POLICE	Radios	24,050					24,050
GF-25	POLICE	Ballistic Vests	12,500					12,500
GF-52	POLICE	Replacment Windows	13,200					13,200
GF-53	POLICE	Third Floor Renovations	20,643					20,643
GF-55	POLICE	Paved Parking Area	37,500					37,500
GF-56	POLICE	Bathroom & Prisoner Entrance Door	12,000					12,000
GF-27	PWD	PW Equipment Replacement	150,000					150,000
GF-28	PWD	PW Garage Upgrade II	120,000					120,000
GF-29	PWD	Drain Line Replacement	170,000					170,000
GF-30	PWD	Replace Fuel Distribution System	25,000					25,000
GF-31	PWD	Loader Lease Purchase				82,000		82,000
GF-32	PWD	Salt Sand Storage Shed	60,000					60,000
GF-34	RECREATION	Equipment	35,000					35,000
GF-35	RECREATION	Building Repairs	50,000					50,000
GF-63	RECREATION	Friendship Park	4,000					4,000
GF-64	RECREATION	Soccer Goals	6,142					6,142
GF-36	SCHOOL	Bus Replacement	90,000					90,000
GF-37	SCHOOL	Roof Replacement	50,000					50,000
GF-38	SCHOOL	BMS Gym Floors/Track	80,000					80,000
GF-40	SCHOOL	Fire Alarm System Replacement	50,000				70,000	120,000
GF-42	SCHOOL	Gym Improvements	40,000					40,000
GF-43	SCHOOL	BHS Road Development	175,000					175,000
GF-48	SCHOOL	Masonry & Brick Repointing	75,000					75,000
GF-54	HOUSING	Housing Initiative	600,000					600,000
GF-59	CITY HALL	City Hall Elevator	15,000					15,000
GF-60	PLANNING	Downtown Initiative	25,000					25,000
GF-61	PLANNING	IT	70,000					70,000
GF-62	LIBRARY	Building Improvements	5,000					5,000
GF-66	HEALTH	HD Additional Space	8,200					8,200
GF-67	HEALTH	Electronic Health Record	41,600					41,600
		Total General Fund	3,896,535	368,800	748,000	1,582,000	70,000	6,665,335
SEWER FUND			CITY	STATE	FEDERAL	BORROW	OTHER	TOTAL
SF-1	WWTP	Cost Replacement	16000					16000
SF-2	WWTP	Utility Mapping	10,000					10,000
SF-3	WWTP	Sanitary Line Replacement	120,000					120,000
SF-4	WWTP	Replace 2 Septic Pumps	37,500					37,500
SF-5	WWTP	Rebuild Pump Impeller	3,000					3,000
SF-6	WWTP	Long Term CSO Plan	50,000					50,000
SF-7	WWTP	Replace Cover Domes	95,000					95,000
SF-8	WWTP	Modernize Alarm System	1,500					1,500
SF-9	WWTP	Install Uninterruptible Power Supply	36,000					36,000
SF-10	WWTP	New Airline for Grit Chambers	27,500					27,500
SF-12	WWTP	Replace Kubota Tractor	100,000					100,000
		Total Sewer Fund	496,500					496,500
AIRPORT FUND			CITY	STATE	FEDERAL	BORROW	OTHER	TOTAL
AI-5	AIRPORT	Beacon Line Clearing/HVAC Terminal	30,000	10,000	210,000			250,000
			30,000	10,000	210,000			250,000
Grand Total for FY 2017			4,423,035	378,800	958,000	1,582,000	70,000	7,411,835

CITY OF BERLIN								
2017-2022 Capital Improvement Program								
FY 2018 Projects								
Project #	DEPT	PROJECT TITLE	CITY	STATE	FEDERAL	BORROW	OTHER	TOTAL FUNDING
GENERAL FUND								
GF-2	ENGINEERING	Sidewalk Replacement	100,000					100,000
GF-3	ENGINEERING	Retaining Wall Repair/Replace	120,000					120,000
GF-4	ENGINEERING	Street Rehabilitation	309,000					309,000
GF-5	ENGINEERING	Bridge Inspection/Repair	240,000					240,000
GF-7	ENGINEERING	Upper Main Street Rehab				3200000		3,200,000
GF-11	FIRE	FD Building Repair Program	49,000					49,000
GF-14	FIRE	Lease/Purchase Ladder 1	200,000					200,000
GF-15	POLICE	Utility Trailer Vehicle	17,000					17,000
GF-18	POLICE	Cruisers	68,400					68,400
GF-20	POLICE	New Police Facility	400,000			3,600,000		4,000,000
GF-22	POLICE	Leather Gear	4,500					4,500
GF-27	PWD	PW Equipment Replacement	150,000					150,000
GF-28	PWD	Public Works Garage Upgrade	120,000					120,000
GF-29	PWD	Drain Line Replacement	180,000					180,000
GF-31	PWD	Loader Lease/Purchase	82,000					82,000
GF-32	PWD	Salt Sand Storage Shed	60,000					60,000
GF-34	RECREATION	Equipment	50,000					50,000
GF-35	RECREATION	Building Repairs	25,000					25,000
GF-64	RECREATION	Soccer Goals	6,142					6,142
GF-38	SCHOOL	BMS Gym Floor/Track	40,000					40,000
GF-43	SCHOOL	BHS Road Development	250,000					250,000
GF-49	SCHOOL	BHS Classroom Floors&Asbestos	85,000					85,000
GF-51	SCHOOL	BHS & BMS Intercom Systems	55,000					55,000
GF-54	HOUSING	Housing Initiative	400,000					400,000
GF-59	CITY HALL	Elevator	15,000					15,000
GF-60	PLANNING	Moving Downtown Forward	25,000					25,000
GF-61	PLANNING	IT	70,000					70,000
GF-62	LIBRARY	Building Repairs	5,000					5,000
		Total General Fund	3,126,042			6,800,000		9,926,042
SEWER FUND:								
SF-1	WWTP	Cost Replacement	41,500					41,500
SF-2	WWTP	Utility Mapping	10,000					10,000
SF-3	WWTP	Sanitary Line Replacement	120,000					120,000
SF-5	WWTP	Rebuild Pump Impeller	37,000					37,000
SF-6	WWTP	Long Term CSO Plan	355,000					355,000
SF-8	WWTP	Modernize Alarm System	40,000					40,000
SF-11	WWTP	Fill Drainage Ditch	31,000					31,000
SF-13	WWTP	Replace Pumps & Control Panel	2,000					2,000
		Total Sewer Fund	636,500					636,500
AIRPORT								
AF-1	AIRPORT	AV Fuel Storage Facility	24,737	24,737	395,792			445,266
AF-5	AIRPORT	Hazard Beacon Clearing/HVAC	5,000	5,000	90,000			100,000
		Total Airport Fund	29,737	29,737	485,792			545,266
		Grand Total for FY 2018	3,762,542	29,737	485,792	6,800,000		11,107,808

CITY OF BERLIN							
2017-2022 Capital Improvement Program							
FY 2019 Projects							
Project #	DEPT	PROJECT TITLE	CITY	STATE	FEDERAL	BORROW	TOTAL FUNDING
GENERAL FUND							
GF-2	ENGINEERING	Sidewalk Replacement	100,000				100,000
GF-3	ENGINEERING	Retaining Wall Repair/Replacement	120,000				120,000
GF-4	ENGINEERING	Street Rehabilitation	309,000				309,000
GF-5	ENGINEERING	Bridge Inspection/Repair Program	240,000				240,000
GF-8	FIRE	Handheld Radio Replacement		91,884			91,884
GF-13	FIRE	FD Addition	4,671,450				4,671,450
GF-14	FIRE	Lease Purchase Ladder One	200,000				200,000
GF-16	FIRE	Engine Four Replacement	537,235				537,235
GF-18	POLICE	Cruisers	71,100				71,100
GF-25	POLICE	Ballistic Vests	25,000				25,000
GF-27	PWD	Equipment Replacement	150,000				150,000
GF-28	PWD	PW Garage Upgrade	120,000				120,000
GF-29	PWD	Drain Line Replacement	180,000				180,000
GF-31	PWD	Loader Lease/Purchase	82,000				82,000
GF-32	PWD	Salt Sand Storage Shed	60,000				60,000
GF-34	RECREATION	Equipment Replacement	30,000				30,000
GF-35	RECREATION	Building Repairs	25,000				25,000
GF-36	SCHOOLS	Bus Replacement	90,000				90,000
GF-39	SCHOOLS	BHS Science Labs	1,300,000				1,300,000
GF-45	SCHOOLS	BHS Lecture Hall	85,000				85,000
GF-47	SCHOOLS	Hillside/BMS Cafeteria Floor	70,000				70,000
GF-49	SCHOOL	BHS Classroom Floors & Asbestos	85,000				85,000
GF-54	HOUSING	Housing Initiative	250,000				250,000
GF-59	CITY HALL	City Hall Elevator	15,000				15,000
GF-61	PLANNING	IT Initiative	40,000				40,000
GF-62	LIBRARY	Building Repairs	5,000				5,000
GF-65	HEALTH	Home Health Car	20,000				20,000
		Total General Fund	8,880,785	91,884			8,972,669
SEWER FUND:							
SF-1	WWTP	Cost Replacement	52,500				52,500
SF-2	WWTP	Utility Mapping	10,000				10,000
SF-3	WWTP	Sanitary Line Replacement	120,000				120,000
SF-6	WWTP	Long Term CSO Plan	350,000				350,000
SF-13	WWTP	Replace Pumps & Control Panel	102,000				102,000
			634,500				634,500
AF-3							
AF-3	AIRPORT	Wildlife Hazard Assessment	3,889	3,889	62,222		70,000
AF-4	AIRPORT	Ramp Expansion & Hangar Alley	12,500	12,500	225,000		250,000
		Total Airport Fund	16,389	16,389	287,222		320,000
Grand Total for FY 2019							
			9,531,674	108,273	287,222		9,927,169

CITY OF BERLIN							
2017-2022 Capital Improvement Program							
FY 2020 Projects							
Project #	DEPT	PROJECT TITLE	CITY	STATE	FEDERAL	BORROW	TOTAL FUNDING
GENERAL FUND							
GF-2	ENGINEERING	Sidewalk Replacement	100,000				100,000
GF-3	ENGINEERING	Retaining Wall Repair/Replacement	120,000				120,000
GF-4	ENGINEERING	Street Rehabilitation	309,000				309,000
GF-5	ENGINEERING	Bridge Inspection/Repair Program	240,000				240,000
GF-14	FIRE	Lease Purchase Ladder One	200,000				200,000
GF-18	POLICE	Cruisers	73,900				73,900
GF-24	POLICE	Radios	24,050				24,050
GF-27	PWD	Equipment Replacement	150,000				150,000
GF-28	PWD	PW Garage Upgrade	120,000				120,000
GF-29	PWD	Drain Line Replacement	180,000				180,000
GF-31	PWD	Loader Lease/Purchase	82,000				82,000
GF-34	RECREATION	Equipment Replacement	35,000				35,000
GF-35	RECREATION	Building Repairs	25,000				25,000
GF-41	SCHOOL	BMS Main Entrance	1,000,000				1,000,000
GF-46	SCHOOL	Bus Garage Construction	350,000				350,000
GF-49	SCHOOL	BHS Classroom Floors & Asbestos	85,000				85,000
GF-54	HOUSING	Housing Initiative	250,000				250,000
GF-59	CITY HALL	City Hall Elevator	15,000				15,000
GF-61	PLANNING	IT Initiative	10,000				10,000
GF-62	LIBRARY	Building Repairs	5,000				5,000
		Total General Fund	3,373,950				3,373,950
SEWER FUND							
SF-2	WWTP	Utility Mapping	5,000				5,000
SF-3	WWTP	Sanitary Line Replacement	120,000				120,000
SF-7	WWTP	Long Term CSO Plan	355,000				355,000
		Total Sewer Fund	480,000				480,000
AIRPORT FUND							
AF-4	AIRPORT	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 2020	3,903,950	50,000	1,000,000		4,953,950

CITY OF BERLIN							
2017-2022 Capital Improvement Program							
FY 2021 Projects							
Project #	DEPT	PROJECT TITLE	CITY	STATE	FEDERAL	BORROW	TOTAL FUNDING
GENERAL FUND							
GF-1	ASSESSING	Assessing Contract & Utility Values	142,000				142,000
GF-2	ENGINEERING	Sidewalk Replacement	100,000				100,000
GF-3	ENGINEERING	Retaining Wall Repair/Replacement	120,000				120,000
GF-4	ENGINEERING	Street Rehabilitation	309,000				309,000
GF-5	ENGINEERING	Bridge Inspection/Repair Program	240,000				240,000
GF-58	ENGINEERING	Snowmobile Trails	15,000				15,000
GF-9	FIRE	Firefighter Protective Clothing	42,280	51,675			93,955
GF-14	FIRE	Lease Purchase Ladder One	200,000				200,000
GF-18	POLICE	Police Cruisers	76,900				76,900
GF-21	POLICE	Cruiser Laptop Computers	17,071				17,071
GF-27	PWD	Equipment Replacement	150,000				150,000
GF-28	PWD	PW Garage Upgrade	120,000				120,000
GF-29	PWD	Drain Line Replacement	180,000				180,000
GF-31	PWD	Loader Lease Purchase	82,000				82,000
GF-33	PWD	Dead River Channel/Moxie Alley		195,000		705,000	900,000
GF-35	PWD	Building Repairs	25,000				25,000
GF-36	SCHOOL	Bus Replacement	95,000				95,000
GF-44	SCHOOL	Hillside Main Entrance/Security	500,000				500,000
GF-49	SCHOOL	BHS Classroom Floors/Asbestos	85,000				85,000
GF-50	SCHOOL	Hillside & Brown Bathrooms	90,000				90,000
GF-54	HOUSING	Housing Initiative	250,000				250,000
GF-59	CITY HALL	Elevator Replacement	15,000				15,000
GF-61	PLANNING	IT Initiative	15,000				15,000
GF-62	LIBRARY	Building Repairs	5,000				5,000
GF-65	HEALTH	Home Health Car	20,000				20,000
		Total General Fund	2,894,251	246,675		705,000	3,845,926
SEWER FUND							
SF-2	WWTP	Utility Mapping	5,000				5,000
SF-3	WWTP	Sanitary Line Replacement	120,000				120,000
SF-7	WWTP	Long Term CSO Plan	350,000				350,000
		Total Sewer Fund	475,000				475,000
AIRPORT FUND							
		Grand Total for FY 2021	3,369,251	246,675		705,000	4,320,926

CITY OF BERLIN								
2017-2022 Capital Improvement Program								
FY 2022 Projects								
Project #	DEPT	PROJECT TITLE	CITY	STATE	FEDERAL	BORROW	OTHER	TOTAL FUNDING
GENERAL FUND								
GF-2	ENGINEERING	Sidewalk Replacement	100,000					100,000
GF-3	ENGINEERING	Retaining Wall Repair/Replacement	120,000					120,000
GF-4	ENGINEERING	Street Rehabilitation	309,000					309,000
GF-5	ENGINEERING	Bridge Inspection/Repair Program	240,000					240,000
GF-57	ENGINEERING	Route 110 Sewer Extension	2,700,000					2,700,000
GF-58	ENGINEERING	Snowmobile Trails	300,000					300,000
GF-12	FIRE	Fire Chief's Vehicle	62,616					62,616
GF-18	POLICE	Police Cruisers	80,000					80,000
GF-21	POLICE	Cruiser Laptop Computers	17,072					17,072
GF-27	PWD	Equipment Replacement	150,000					150,000
GF-28	PWD	PW Garage Upgrades	120,000					120,000
GF-29	PWD	Drain Line Replacements	180,000					180,000
GF-31	PWD	Loader Lease Purchase				82,000		82,000
GF-33	ENGINEERING	Dead River Channel/Moxie Alley					3,000,000	3,000,000
GF-35	RECREATION	Building Repairs	27,500					27,500
GF-54	HOUSING	Housing Initiative	200,000					200,000
GF-59	CITY HALL	Elevator	15,000					15,000
GF-61	PLANNING	IT Initiative	10,000					10,000
GF-62	LIBRARY	Building Repairs	5,000					5,000
		Total General Fund	4,636,188			82,000	3,000,000	7,718,188
SEWER FUND								
SF-2	WWTP	Utility Mapping	5,000					5,000
SF-3	WWTP	Sanitary Line Replacement	120,000					120,000
SF-6	WWTP	Long Term CSO Plan	355,000					355,000
		Total Sewer Fund	480,000					480,000
AIRPORT FUND								
AF-2	AIRPORT	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 2020	5,121,188	5,000	90,000		3,000,000	8,298,188

CITY OF BERLIN, NH
2017 - 2022 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	FY17	FY18	FY19	FY20	FY21	FY22
				1 2 3 4	1 2 3 4	1 2 3 4	1 2 3 4	1 2 3 4	1 2 3 4
		Mandate							
		Council Goal							
		Dept. Goal							

PROJECT DESCRIPTION, RATIONALE & OPERATING BUDGET IMPACT

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

PRIORITY IN RELATION TO OTHER PROJECTS

HIGH ☒

MEDIUM ☐

LOW ☐

RATIONALE:

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

OPERATING BUDGET IMPACT:

FINANCIAL PLAN								
	PRIOR	FY17	FY18	FY19	FY20	FY21	FY22	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																			
2017 - 2022 CIP Project Description																			
GENERAL PROJECT DATA:										MASTER PLAN INFORMATION:	PROJECT NEED	PROJECT SCHEDULE	FY17	FY18	FY19	FY20	FY21	FY22	
Project Name:	Sidewalk Replacement										Project listed in MP?	Mandate							
Department:	Engineering																		
Location:	various										Dept. Goal	x		x	x	x	x	x	

DESCRIPTION: A large number of City sidewalks are in dire need of replacement					PRIORITY IN RELATION TO OTHER PROJECTS	
School Street	60,000	Hillside Ave	28,000			
Willard Street	10,000	Elm Street	39,000			
Champlain St.	15,000	Western Ave.	100,000			HIGH <input checked="" type="checkbox"/>
4th Ave	10,000	Hutchins Street	41,000			
State Street	53,000	High Street	50,000			MEDIUM <input type="checkbox"/>
High Street	59,000	Main Street	100,000			
First Avenue	25,000	Park Street	10,000			LOW <input type="checkbox"/>
	232,000		358,000		\$ 590,000	
RATIONALE: Personal Safety						
Transportation enhancement						
Economic development						
Improve community image						
OPERATING BUDGET IMPACT:						

The left photograph shows Champlain Street, featuring a stone retaining wall on the left side and a damaged, cracked sidewalk. The right photograph shows Willard Street, featuring a blue house with a white porch and a damaged, cracked sidewalk.

CITY OF BERLIN, NH
2017 - 2022 CIP Project Description

GENERAL PROJECT DATA:		MASTER PLAN INFORMATION: Project listed in MP?	PROJECT NEED		PROJECT SCHEDULE		FY17				FY18				FY19				FY20				FY21				FY22			
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				
Department:	Engineering		Mandate																											
Location:	various		Council Goal																											
			Dept. Goal	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					HIGH	<input checked="" type="checkbox"/>		
Grafton Street	90,000	Western Ave.	190,000					MEDIUM	<input type="checkbox"/>		
Sullivan Street	15,000	Hillside Avenue	80,000					LOW	<input type="checkbox"/>		
Spring Street	110,000	High Street	60,000								
First Ave.	15,000	Church St.	30,000								
Denmark St.	15,000										
	345,000		390,000								
RATIONALE: Safety and Structural need				Total	735,000						
All walls are rated Good, Fair or Poor.											
This project replaces the prioritized poor walls											

OPERATING BUDGET IMPACT:

FINANCIAL PLAN								
	PRIOR	FY17	FY18	FY19	FY20	FY21	FY22	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.	\$25,000	\$120,000	\$120,000	\$120,000	\$120,000	\$120,000	\$120,000	\$745,000
Seg. Funds								
Borrow								
Federal								
State								
Other								
TOTAL	25,000	\$120,000	\$120,000	\$120,000	\$120,000	\$120,000	\$120,000	\$745,000
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

2017 - 2022 CIP Project Description

GENERAL PROJECT DATA:		MASTER PLAN INFORMATION: Project listed in MP?	PROJECT NEED	PROJECT SCHEDULE	FY17				FY18				FY19				FY20				FY21				FY22			
Project Name:	Street Rehabilitation				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	x				x		x			x		x		x		x		x		x		x		x	
			Dept. Goal	x				x		x			x		x		x		x		x		x		x		x	

PROJECT DESCRIPTION, RATIONALE & OPERATING BUDGET IMPACT

DESCRIPTION: Road improvements/pavement rehabilitation

Willard Street	80,000	Bison Rd	6,000	Mt. Forist	45,000
Willow Street	80,000	Hight St.	159,000		
Summer Street	50,000	Oak St.	15,000		
8th Street	58,000	Morreau St.	15,000		
Cates Hill	400,000	Clark St.	10,000		
Hutchins Street	86,000	Main St. (lower)	350,000		
Western Ave	89,000	Main St. (upper)	350,000		
Popular	52,000	School St.	80,000		
	895,000		985,000		45,000

PRIORITY IN RELATION TO OTHER PROJECTS

HIGH ☒

MEDIUM ☐

LOW ☐

RATIONALE: Pavement rehabilitation

Total **1,925,000**

OPERATING BUDGET IMPACT:

FINANCIAL PLAN

	PRIOR	FY17	FY18	FY19	FY20	FY21	FY22	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.	\$75,000	\$309,000	\$309,000	\$309,000	\$309,000	\$309,000	\$309,000	\$1,929,000
Seg. Funds								
Borrow								
Federal								
State								
Other								
TOTAL	\$75,000	\$309,000	\$309,000	\$309,000	\$309,000	\$309,000	\$309,000	\$1,929,000
OPERATING BUDGET IMPACT:								
Personnel								
Non-Personnel								
Capital								
TOTAL								



Hutchins



Willard Street

[illegible]

PROJECT DESCRIPTION, RATIONALE & OPERATING BUDGET IMPACT				PRIORITY IN RELATION TO OTHER PROJECTS	
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				HIGH <input checked="" type="checkbox"/>
Berlin Veterans Mem. Brg	\$155,000		Painting		MEDIUM <input type="checkbox"/>
					LOW <input type="checkbox"/>
	\$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:					

CITY OF BERLIN, NH
2017 - 2022 CIP Project Description

GENERAL PROJECT DATA:		MASTER PLAN INFORMATION: Project listed in MP?	PROJECT NEED	PROJECT SCHEDULE	FY17				FY18				FY19				FY20				FY21				FY22			
Project Name:	Huthchins Street Rehabilitation				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		x																						
			Dept. Goal	x		x																						

PROJECT DESCRIPTION, RATIONALE & OPERATING BUDGET IMPACT

DESCRIPTION: Road improvements/pavement rehabilitation
Hutchins Street \$800,000

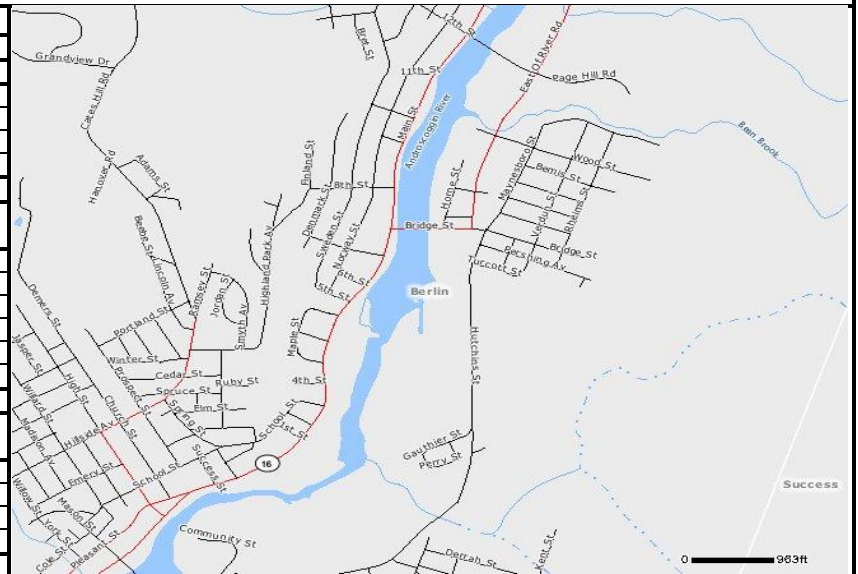
PRIORITY IN RELATION TO OTHER PROJECTS

HIGH ☒
MEDIUM ☐
LOW ☐

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

OPERATING BUDGET IMPACT:

FINANCIAL PLAN								
	PRIOR	FY17	FY18	FY19	FY20	FY21	FY22	TOTAL
EXPENDITURES:								
Pre-Design								
Design		80,000						80,000
Purch/Const.		650,000						650,000
TOTAL		\$730,000						\$730,000
FUNDING:								
Current Rev.								
Seg. Funds								
Borrow								
Federal	748,000							
State								
Other								
TOTAL	\$ 748,000							\$748,000
OPERATING BUDGET IMPACT:								
Personnel								
Non-Personnel								
Capital								
TOTAL								



CITY OF BERLIN, NH
2017 - 2022 CIP Project Description

GENERAL PROJECT DATA: Project Name: Upper Main Street Rehabilitation Department: Engineering Location:	MASTER PLAN INFORMATION: Project listed in MP?	PROJECT NEED		PROJECT SCHEDULE		FY17				FY18				FY19				FY20				FY21				FY22			
						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: Rehab/reconstruction of upper Main St from High St to Heritage Park

PRIORITY IN RELATION TO OTHER PROJECTS

HIGH ☐

MEDIUM ☒

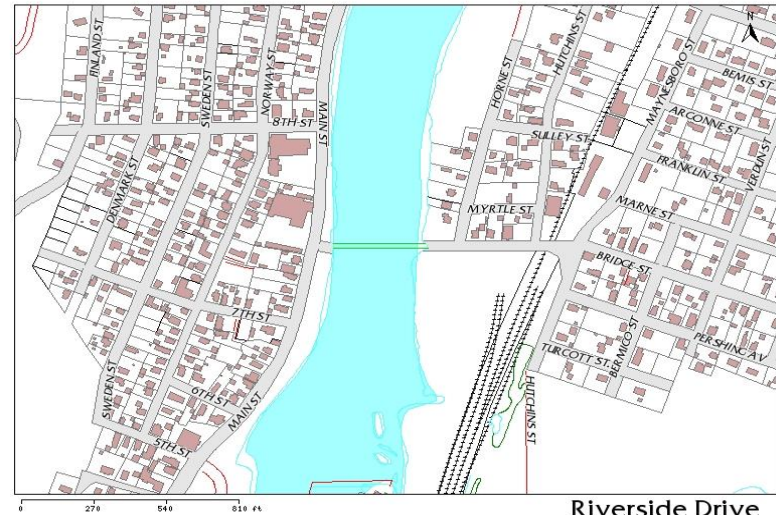
LOW ☐

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

OPERATING BUDGET IMPACT:

FINANCIAL PLAN

	PRIOR	FY17	FY18	FY19	FY20	FY21	FY22	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								
Non-Personnel								
Capital								
TOTAL								



CITY OF BERLIN, NH
2017 - 2022 CIP Project Description

GENERAL PROJECT DATA:		MASTER PLAN INFORMATION: Project listed in MP?	PROJECT NEED		PROJECT SCHEDULE				FY17				FY18				FY19				FY20				FY21				FY22			
Project Name:	<u>Firefighter Protective Clothing</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																													

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, denigrates over time due to exposure to the ultraviolet rays of the sun. This denigration 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.

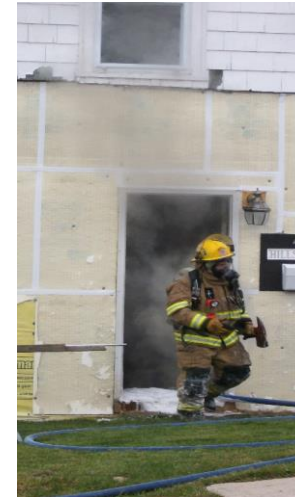
HIGH ☒

MEDIUM ☐

LOW ☐

OPERATING BUDGET IMPACT:

FINANCIAL PLAN								
	PRIOR	FY17	FY18	FY19	FY20	FY21	FY22	TOTAL
EXPENDITURES:								
Pre-Design								
Design								
Purch/ Lease						93,954.90		93,954.90
Land/Acquisition								
TOTAL						93,954.90		93,954.90
FUNDING:								
Current Rev.						42,279.70		42,279.70
Seg. Funds								
Borrow								
Federal								
State						51,675.20		51,675.20
Other/User Fee								
TOTAL						93,954.90		93,954.90
OPERATING BUDGET IMPACT:								
Personnel								
Non-Personnel								
Capital								
TOTAL								



CITY OF BERLIN, NH
2017 - 2022 CIP Project Description

GENERAL PROJECT DATA:		MASTER PLAN INFORMATION: Project listed in MP?	PROJECT NEED	PROJECT SCHEDULE	FY17				FY18				FY19				FY20				FY21				FY22			
Project Name:	Handheld Radio 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:	Fire Department																											
Division:	Public Safety																											
Location:	263 Main Street																											

PROJECT DESCRIPTION, RATIONALE & OPERATING BUDGET IMPACT

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

PRIORITY IN RELATION TO OTHER PROJECTS

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

HIGH ☒

MEDIUM ☐

LOW ☐

OPERATING BUDGET IMPACT:

FINANCIAL PLAN

	PRIOR	FY17	FY18	FY19	FY20	FY21	FY22	TOTAL
EXPENDITURES:								
Pre-Design								
Design								
Purch/ Lease				91,884.00				91,884.00
Land/Acquisition								
TOTAL				91,884.00				91,884.00
FUNDING:								
Current Rev.								
Seg. Funds								
Borrow								
Federal								
State				91,884.00				91,884.00
Other/User Fee								
TOTAL				91,884.00				91,884.00
OPERATING BUDGET IMPACT:								
Personnel								
Non-Personnel								
Capital								
TOTAL								



CITY OF BERLIN, NH
2017 - 2022 CIP Project Description

GENERAL PROJECT DATA:				MASTER PLAN INFORMATION:				PROJECT NEED				PROJECT SCHEDULE				FY17				FY18				FY19				FY20				FY21				FY22			
Project Name: <u>Repair Program</u>				Project listed in MP?				Mandate				Council Goal				Dept. Goal																							
Department: Fire Department																																							
Division: Public Safety																																							
Location: 263 Main Street																																							

PROJECT DESCRIPTION, RATIONALE & OPERATING BUDGET IMPACT

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

PRIORITY IN RELATION TO OTHER PROJECTS

HIGH ☒

MEDIUM ☐

LOW ☐

RATIONALE: Built in 1905 the Berlin Fire Station is one of the City's oldest buildings. After years of neglect, numerous projects need to be completed. Interior painting. The foundation needs to be repaired in the front on the apparatus doors. Apparatus bay interior side of outside walls needs to be repointed as the mortar is falling out between the bricks. Thresholds in front of engine 1, ladder one, and engine 4 need to be repaired; cracks are starting to leak through to the basement. Priority should be given to replacing the windows as it stands we have windows that do not seal properly allowing heat to escape in the winter months increasing our heating fuel expense. Fiscal year 2018 serious consideration should be made to replace the 1985 roof on the central fire station.

OPERATING BUDGET IMPACT:

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

FINANCIAL PLAN								
	PRIOR	FY17	FY18	FY19	FY20	FY21	FY22	TOTAL
EXPENDITURES:								
Pre-Design								
Design								
Purch/Const.		28,000.00	49,000.00					77,000.00
Land/Acquisition								
TOTAL		28,000.00	49,000.00					77,000.00
FUNDING:								
Current Rev.		28,000.00	49,000.00					77,000.00
Seg. Funds								
Borrow								
Federal								
State								
Other/User Fee								
TOTAL		28,000.00	49,000.00					77,000.00
OPERATING BUDGET IMPACT:								
Personnel								
Non-Personnel								
Capital								
TOTAL								



CITY OF BERLIN, NH
2017 - 2022 CIP Project Description

GENERAL PROJECT DATA:		MASTER PLAN INFORMATION: Project listed in MP?	PROJECT NEED	PROJECT SCHEDULE	FY17				FY18				FY19				FY20				FY21				FY22			
Project Name:	<u>Fire Chiefs Vehicle Car One</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			x																						

PROJECT DESCRIPTION, RATIONALE & OPERATING BUDGET IMPACT

DESCRIPTION: This project seeks to continue the CIP rolling stock replacement program for saff 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 terrian conditions. Car One will have served its frontline life span at the time of replacemetn. As in the past, the replacement vehilce will be a four-wheel drive sport utility vehicle useful during wildfires and weather related emergancy along with fires and large scale emergency management events. Cost includes emergency warning devices, radios, command console, lettering and related installation charges. The command vehicle provides vital communictaions and referances recources necessary to effective incident command.

OPERATING BUDGET IMPACT:

FINANCIAL PLAN								
	PRIOR	FY17	FY18	FY19	FY20	FY21	FY22	TOTAL
EXPENDITURES:								
Pre-Design								
Design								
Purch/Const.							62,616.00	62,616.00
Land/Acquisition								
TOTAL							62,616.00	62,616.00
FUNDING:								
Current Rev.							62,616.00	62,616.00
Seg. Funds								
Borrow								
Federal								
State								
Other/User Fee								
TOTAL							62,616.00	62,616.00
OPERATING BUDGET IMPACT:								
Personnel								
Contingency								
Capital								
TOTAL								



CITY OF BERLIN, NH
2017 - 2022 CIP Project Description

GENERAL PROJECT DATA:		MASTER PLAN INFORMATION: Project listed in MP?	PROJECT NEED	PROJECT SCHEDULE	FY17				FY18				FY19				FY20				FY21				FY22			
Project Name:	Fire Department Addition				1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4
Department:	Fire Department		Mandate																									
Division:	Public Safety		Council Goal																									
Location:	263 Main Street		Dept. Goal		x								x															

PROJECT DESCRIPTION, RATIONALE & OPERATING BUDGET IMPACT

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

PRIORITY IN RELATION TO OTHER PROJECTS

HIGH ☐

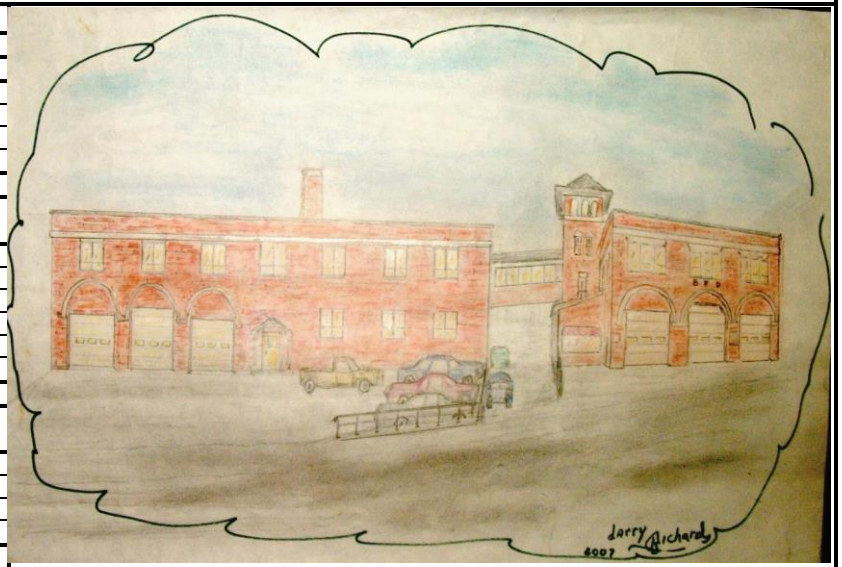
MEDIUM ☐

LOW ☐

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

OPERATING BUDGET IMPACT:

FINANCIAL PLAN								
	PRIOR	FY17	FY18	FY19	FY20	FY21	FY22	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
2017 - 2022 CIP Project Description

GENERAL PROJECT DATA:		MASTER PLAN INFORMATION:		PROJECT NEED		PROJECT SCHEDULE		FY17		FY18		FY19		FY20		FY21		FY22	
Project Name:	<u>Lease to Purchase Ladder One</u>	Project listed in MP?		Mandate				1	2	3	4	1	2	3	4	1	2	3	4
Department:	Fire Department			Council Goal															
Division:	Public Safety			Dept. Goal								x							
Location:	263 Main Street																		

PROJECT DESCRIPTION, RATIONALE & OPERATING BUDGET IMPACT

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

PRIORITY IN RELATION TO OTHER PROJECTS

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' Ariel. Short service life for emergency vehicles is directly related to repeated cycles of rapid acceleration and deceleration, hard turns and quick stops. When this vehicle is responding to an emergency the average citizen only views this vehicle as a ladder truck. Contrary to common belief, the City of Berlin also utilizes the Ladder as a rescue rig. The Ladder Truck carries a commodity of equipment such as; firefighting tools, forcible entry tools, ventilation tools, High Angle, Confined Space, Collapse and Vehicle Extrication Equipment. At twenty years of extreme demands on this vehicle, its reliability to safely provide service becomes questionable. In 2011 the fire department spent out of the operation budget 10,000 just in repairs on the 1195 LTI Simon Duplex Ariel.

HIGH ☒

MEDIUM ☐

LOW ☐

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 cost.

Wheel wells on both sides Heavily corroded.

FINANCIAL PLAN

	PRIOR	FY17	FY18	FY19	FY20	FY21	FY22	TOTAL
EXPENDITURES:								
Pre-Design								
Design								
Purch/ Lease		200,000.00	200,000.00	200,000.00	200,000.00	200,000.00		1,000,000.00
Land/Acquisition								
TOTAL		200,000.00	200,000.00	200,000.00	200,000.00	200,000.00		1,000,000.00
FUNDING:								
Current Rev.		200,000.00	200,000.00	200,000.00	200,000.00	200,000.00		1,000,000.00
Seg. Funds								
Borrow								
Federal								
State								
Other/User Fee								
TOTAL		200,000.00	200,000.00	200,000.00	200,000.00	200,000.00		1,000,000.00
OPERATING BUDGET IMPACT:								
Personnel								
Non-Personnel								
Capital		200,000.00	200,000.00	200,000.00	200,000.00	200,000.00		1,000,000.00
TOTAL		200,000.00	200,000.00	200,000.00	200,000.00	200,000.00		1,000,000.00



CITY OF BERLIN, NH
2017 - 2022 CIP Project Description

GENERAL PROJECT DATA: Project Name: <u>Utility Trailer Vehicle</u> Department: Police Location:	MASTER PLAN INFORMATION: Project listed in MP? No.	PROJECT NEED	PROJECT SCHEDULE	FY17				FY18				FY19				FY20				FY21				FY22			
				1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4
		Mandate																									
		Council Goal																									
		Dept. Goal	X					X																			

PROJECT DESCRIPTION, RATIONALE & OPERATING BUDGET IMPACT

DESCRIPTION: Utility Trailer Vehicle

PRIORITY IN RELATION TO OTHER PROJECTS

HIGH ☒

MEDIUM ☐

LOW ☐

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

OPERATING BUDGET IMPACT:

FINANCIAL PLAN								
	PRIOR	FY17	FY18	FY19	FY20	FY21	FY22	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
2017 - 2022 CIP Project Description

GENERAL PROJECT DATA:		MASTER PLAN INFORMATION:		PROJECT NEED	PROJECT SCHEDULE	FY17	FY18	FY19	FY20	FY21	FY22
Project Name: <u>Engine Four Replacement</u>		Project listed in MP?				1 2 3 4	1 2 3 4	1 2 3 4	1 2 3 4	1 2 3 4	1 2 3 4
Department: Fire Department				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. As of September 30, 2015 Engine four has been placed out of service due to cracks in the frame. The annual amounts assume a 5% annual inflation rate for major fire apparatus along with a 20 year useful life expectancy.

HIGH ☒

MEDIUM ☐

LOW ☐

OPERATING BUDGET IMPACT: Twenty year replacement plan.

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

FINANCIAL PLAN

	PRIOR	FY17	FY18	FY19	FY20	FY21	FY22	TOTAL
EXPENDITURES:								
Pre-Design								
Design								
Purch/ Lease				537,234.60				537,234.60
Land/Acquisition								
TOTAL				537,234.60				537,234.60
FUNDING:								
Current Rev.				-				-
Seg. Funds								
Borrow								
Federal								
State								
Other/User Fee								
TOTAL				-				-
OPERATING BUDGET IMPACT:								
Personnel								
Non-Personnel								
Capital								
TOTAL								



CITY OF BERLIN, NH
2017 - 2022 CIP Project Description

GENERAL PROJECT DATA: Project Name: <u>Portable Monitoring System</u> Department: Police Location:	MASTER PLAN INFORMATION: Project listed in MP? No.	PROJECT	PROJECT	FY17				FY18				FY19				FY20				FY21				FY22			
		NEED	SCHEDULE	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4
		Mandate																									
		Council Goal																									
		Dept. Goal	X				X																				

PROJECT DESCRIPTION, RATIONALE & OPERATING BUDGET IMPACT

DESCRIPTION: Portable camera/monitoring system.

PRIORITY IN RELATION TO OTHER PROJECTS

HIGH ☒

MEDIUM ☐

LOW ☐

RATIONALE: A portable system that could be moved to problematic areas in the city to monitor criminal activity.

OPERATING BUDGET IMPACT:

FINANCIAL PLAN

	PRIOR	FY17	FY18	FY19	FY20	FY21	FY22	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
2017 - 2022 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	FY17				FY18				FY19				FY20				FY21				FY22			
					1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4				
		Mandate																										
		Council Goal																										
		Dept. Goal	X			X			X		X		X		X		X		X		X		X					

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 ☒

LOW ☐

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

OPERATING BUDGET IMPACT:

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

FINANCIAL PLAN

	PRIOR	FY17	FY18	FY19	FY20	FY21	FY22	TOTAL
EXPENDITURES:								
Pre-Design								
Design								
Purch/Const.								
TOTAL								
FUNDING:								
Current Rev.	\$63,300	\$65,800	\$68,400	\$71,100	\$73,900	\$76,900	\$80,000	\$436,100
Seg. Funds								
Borrow								
Federal								
State								
Other								
TOTAL	\$63,300	\$65,800	\$68,400	\$71,100	\$73,900	\$76,900	\$80,000	\$436,100
OPERATING BUDGET IMPACT:								
Personnel								
Non-Personnel								
Capital								
TOTAL								



CITY OF BERLIN, NH
2017 - 2022 CIP Project Description

GENERAL PROJECT DATA:		MASTER PLAN INFORMATION:		PROJECT NEED		PROJECT SCHEDULE				FY17				FY18				FY19				FY20				FY21				FY22			
Project Name: Rifles		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 Department				Mandate																													
				Council Goal																													
Location:				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.

OPERATING BUDGET IMPACT:

FINANCIAL PLAN								
	PRIOR	FY17	FY18	FY19	FY20	FY21	FY22	TOTAL
EXPENDITURES:								
Pre-Design								
Design								
Purch/Const.								
TOTAL								
FUNDING:								
Current Rev.		\$29,400						\$29,400
Seg. Funds								
Borrow								
Federal								
State								
Other								
TOTAL		\$29,400						\$29,400
OPERATING BUDGET IMPACT:								
Personnel								
Non-Personnel								
Capital								
TOTAL								



CITY OF BERLIN, NH
2017 - 2022 CIP Project Description

GENERAL PROJECT DATA:		MASTER PLAN INFORMATION:		PROJECT NEED		PROJECT SCHEDULE				FY17				FY18				FY19				FY20				FY21				FY22			
Project Name:	New Police Dept. Facility	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: 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 not fully handicapped accessible.

OPERATING BUDGET IMPACT:

FINANCIAL PLAN

	PRIOR	FY17	FY18	FY19	FY20	FY21	FY22	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
2017 - 2022 CIP Project Description

GENERAL PROJECT DATA: Project Name: <u>Cruiser Laptop Computers</u> Department: Police Location:	MASTER PLAN INFORMATION: Project listed in MP? No.	PROJECT NEED		PROJECT SCHEDULE				FY17				FY18				FY19				FY20				FY21				FY22			
				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: 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.

OPERATING BUDGET IMPACT:

FINANCIAL PLAN								
	PRIOR	FY17	FY18	FY19	FY20	FY21	FY22	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
2017 - 2022 CIP Project Description

GENERAL PROJECT DATA: Project Name: <u>Leather Gear</u> Department: Police Location:	MASTER PLAN INFORMATION: Project listed in MP? No.	PROJECT	PROJECT	FY17				FY18				FY19				FY20				FY21				FY22			
		NEED	SCHEDULE	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4
		Mandate																									
		Council Goal																									
		Dept. Goal	X		X		X		X																		

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 hazard.

OPERATING BUDGET IMPACT:

FINANCIAL PLAN								
	PRIOR	FY17	FY18	FY19	FY20	FY21	FY22	TOTAL
EXPENDITURES:								
Pre-Design								
Design								
Purch/Const.								
TOTAL								
FUNDING:								
Current Rev.	\$4,500	\$9,000	\$4,500					\$18,000
Seg. Funds								
Borrow								
Federal								
State								
Other								
TOTAL	\$4,500	\$9,000	\$4,500					\$18,000
OPERATING BUDGET IMPACT:								
Personnel								
Non-Personnel								
Capital								
TOTAL								



CITY OF BERLIN, NH
2017 - 2022 CIP Project Description

GENERAL PROJECT DATA:	MASTER PLAN INFORMATION:	PROJECT NEED	PROJECT SCHEDULE	FY17				FY18				FY19				FY20				FY21				FY22			
				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: Dispatch Desks	Project listed in MP? No.	Mandate																									
		Council Goal																									
		Dept. Goal	X				X																				
Department: Police																											
Location:																											

PROJECT DESCRIPTION, RATIONALE & OPERATING BUDGET IMPACT

DESCRIPTION: Two replacement desks for the dispatch center.

PRIORITY IN RELATION TO OTHER PROJECTS

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

HIGH ☒

MEDIUM ☐

LOW ☐

OPERATING BUDGET IMPACT:

FINANCIAL PLAN

	PRIOR	FY17	FY18	FY19	FY20	FY21	FY22	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								

Mercury™
Public Safety Consoles



CITY OF BERLIN, NH
2017 - 2022 CIP Project Description

GENERAL PROJECT DATA: Project Name: <u>Radios</u> Department: Police Location:	MASTER PLAN INFORMATION: Project listed in MP? No.	PROJECT	PROJECT	FY17				FY18				FY19				FY20				FY21				FY22			
		NEED	SCHEDULE	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4
		Mandate																									
		Council Goal																									
		Dept. Goal	X				X									X											

PROJECT DESCRIPTION, RATIONALE & OPERATING BUDGET IMPACT

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

PRIORITY IN RELATION TO OTHER PROJECTS

HIGH ☒

MEDIUM ☐

LOW ☐

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

OPERATING BUDGET IMPACT:

FINANCIAL PLAN								
	PRIOR	FY17	FY18	FY19	FY20	FY21	FY22	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
2017 - 2022 CIP Project Description

GENERAL PROJECT DATA: Project Name: <u>Ballistic Vests</u> Department: Police Location:	MASTER PLAN INFORMATION: Project listed in MP? No.	PROJECT NEED	PROJECT SCHEDULE	FY17				FY18				FY19				FY20				FY21				FY22			
				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 @ \$2,000 each. We will seek funding to cover one-half the cost.

OPERATING BUDGET IMPACT:

FINANCIAL PLAN								
	PRIOR	FY17	FY18	FY19	FY20	FY21	FY22	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
2017 - 2022 CIP Project Description

Project Name: PW Equipment Replacement		Project listed in MP?	PROJECT NEED		PROJECT SCHEDULE	FY17				FY18				FY19				FY20				FY21				FY22			
			Mandate	x		1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4
Department:	Public Works		Council Goal																										
Location:	110 Wight Street		Dept. Goal	x		x	x				x				x				x				x						

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	200,000	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				

PRIORITY IN RELATION TO OTHER PROJECTS

HIGH ☒

MEDIUM ☐

LOW ☐

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

OPERATING BUDGET IMPACT:

FINANCIAL PLAN

	PRIOR	FY17	FY18	FY19	FY20	FY21	FY22	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
2017 - 2022 CIP Project Description

GENERAL PROJECT DATA:		MASTER PLAN INFORMATION: Project listed in MP?	PROJECT NEED	PROJECT SCHEDULE	FY17				FY18				FY19				FY20				FY21				FY22			
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:		Install Air Locks	\$ 115,000	PRIORITY IN RELATION TO OTHER PROJECTS			
		Fencing	\$ 35,000				
Vehicle Hoist	\$ 20,000	Office Improvements	\$ 40,000				
Fire Suppression	\$ 30,000	Paving	\$ 25,000				
Window Replacement	\$ 150,000	HVAC	\$ 100,000				
		Roof Replacement	\$ 140,000				
RATIONALE:		Operational improvements		HIGH			
		Feasibility Study completed in 1989		<input checked="" type="checkbox"/>			
		Health & Safety		MEDIUM			
		Environmental Protection		<input type="checkbox"/>			
		Reduction in energy consumption.		LOW			
OPERATING BUDGET IMPACT:				<input type="checkbox"/>			

FINANCIAL PLAN

	PRIOR	FY17	FY18	FY19	FY20	FY21	FY22	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
2017 - 2022 CIP Project Description

GENERAL PROJECT DATA:		MASTER PLAN INFORMATION: Project listed in MP?	PROJECT NEED	PROJECT SCHEDULE	FY17				FY18				FY19				FY20				FY21				FY22			
Project Name:	Drain Line 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		x				x				x				x				x				x			
			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 ☐

\$1,210,000

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

OPERATING BUDGET IMPACT:

FINANCIAL PLAN

	PRIOR	FY17	FY18	FY19	FY20	FY21	FY22	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
2017 - 2022 CIP Project Description

GENERAL PROJECT DATA:		MASTER PLAN INFORMATION: Project listed in MP?	PROJECT NEED		PROJECT SCHEDULE		FY17				FY18				FY19				FY20				FY21				FY22			
Project Name: <u>Replace Fuel Distribution System</u>			Mandate	x	Dec-15		x		x																					
			Council Goal																											
Department: Central Services																														
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.

OPERATING BUDGET IMPACT:

FINANCIAL PLAN

	PRIOR	FY17	FY18	FY19	FY20	FY21	FY22	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	\$0	\$0	\$0	\$0	\$0	\$220,000
OPERATING BUDGET IMPACT:								
Personnel								
Non-Personnel								
Capital								
TOTAL								



FUEL DISTRIBUTION

CITY OF BERLIN, NH
2017 - 2022 CIP Project Description

GENERAL PROJECT DATA:			MASTER PLAN INFORMATION: Project listed in MP?	PROJECT NEED	PROJECT SCHEDULE	FY17				FY18				FY19				FY20				FY21				FY22			
Project Name: <u>Loader Lease/Purchase</u>						1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4
Department: Public Works				Mandate																									
Location: 10 Jericho Road				Council Goal																									
				Dept. Goal	x	x				x				x				x				x				x			

PROJECT DESCRIPTION, RATIONALE & OPERATING BUDGET IMPACT

DESCRIPTION: Lease/Purchase of loaders

PRIORITY IN RELATION TO OTHER PROJECTS

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

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

HIGH ☒

MEDIUM ☐

LOW ☐

RATIONALE:

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

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

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

OPERATING BUDGET IMPACT:

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

Equipment reliability will improve and should decrease operating disruptions.

FINANCIAL PLAN

	PRIOR	FY17	FY18	FY19	FY20	FY21	FY22	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
2017 - 2022 CIP Project Description

GENERAL PROJECT DATA:		MASTER PLAN INFORMATION: Project listed in MP?	PROJECT NEED	PROJECT SCHEDULE	FY17	FY18	FY19	FY20	FY21	FY22
Project Name:	<u>Salt Sand Storage Shed</u>				1 2 3 4	1 2 3 4	1 2 3 4	1 2 3 4	1 2 3 4	1 2 3 4
Department:	Public Works		Mandate							
Location:	10 Jericho Road		Council Goal							
			Dept. Goal		x	x				

PROJECT DESCRIPTION, RATIONALE & OPERATING BUDGET IMPACT

DESCRIPTION: Construct Salt and Sand Storage Building

PRIORITY IN RELATION TO OTHER PROJECTS

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

HIGH ☒

MEDIUM ☐

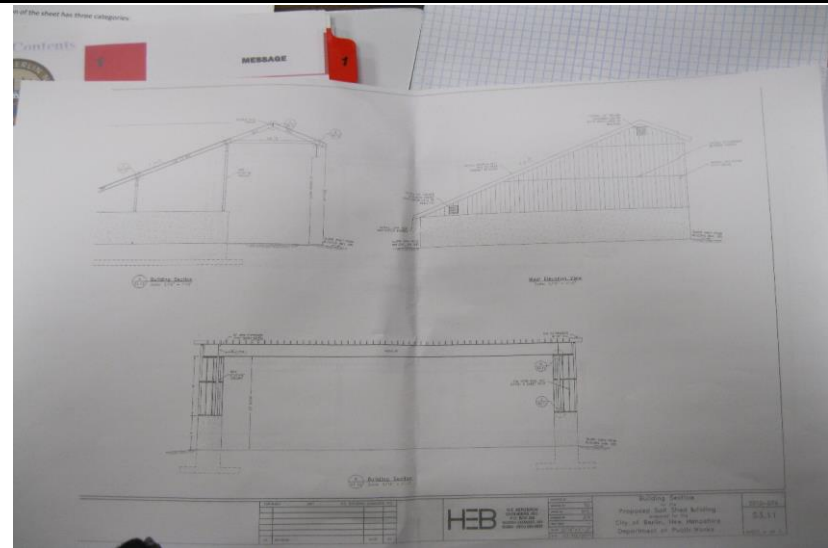
LOW ☐

OPERATING BUDGET IMPACT:

Manhour reductions, reduction in heating fuel usage.

FINANCIAL PLAN

	PRIOR	FY17	FY18	FY19	FY20	FY21	FY22	TOTAL
EXPENDITURES:								
Pre-Design								
Design	5,000							5,000
Purch/Const.		74,000	74,000	74,000				222,000
TOTAL	\$5,000	\$74,000	\$74,000	\$74,000				\$227,000
FUNDING:								
Current Rev.		74,000	74,000	74,000				\$222,000
Seg. Funds	80,537							80,537
Borrow								
Federal								
State								
Other								
TOTAL	\$80,537	\$74,000	\$74,000	\$65,000				\$302,537
OPERATING BUDGET IMPACT:								
Personnel								
Non-Personnel								
Capital								
TOTAL								



CITY OF BERLIN, NH
2017 - 2022 CIP Project Description

GENERAL PROJECT DATA:			MASTER PLAN INFORMATION: Project listed in MP?	PROJECT NEED	PROJECT SCHEDULE	FY17				FY18				FY19				FY20				FY21				FY22			
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.

RATIONALE:

OPERATING BUDGET IMPACT:

PRIORITY IN RELATION TO OTHER PROJECTS

HIGH ☐

MEDIUM ☒

LOW ☐

FINANCIAL PLAN

	PRIOR	FY17	FY18	FY19	FY20	FY21	FY22	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
2017 - 2022 CIP Project Description

GENERAL PROJECT DATA: Project Name: <u>Equipment</u>		MASTER PLAN INFORMATION: Project listed in MP?	PROJECT NEED		PROJECT SCHEDULE	FY17				FY18				FY19				FY20				FY21				FY22			
					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																										
			Council Goal					X			X																		
Location:	Rec. Parks Building		Dept. Goal	X				x			x																		

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	25,000														
	60,000		70,000												
RATIONALE:															
Improve Efficiency on green space maintenance															
OPERATING BUDGET IMPACT:															

FINANCIAL PLAN								
	PRIOR	FY17	FY18	FY19	FY20	FY21	FY22	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
2017 - 2022 CIP Project Description

GENERAL PROJECT DATA:		MASTER PLAN INFORMATION: Project listed in MP?	PROJECT NEED	PROJECT SCHEDULE	FY17				FY18				FY19				FY20				FY21				FY22			
Project Name:	Building Repairs				1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4
Department:	Rec.&Parks		Mandate																									
Location:	Rec. Parks Building		Council Goal						X																			
			Dept. Goal	X					x																			

PROJECT DESCRIPTION, RATIONALE & OPERATING BUDGET IMPACT

DESCRIPTION:

Upgrade Restrooms and Showers	\$ 50,000	Upgrade 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	Replace Bleachers	\$ 20,000	
Purchase Bleachers	10,000	Install permanent Canopies	\$ 25,000	
	\$ 85,500		\$ 97,000	\$ 182,500

PRIORITY IN RELATION TO OTHER PROJECTS

HIGH ☒

MEDIUM ☐

LOW ☐

RATIONALE:

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

OPERATING BUDGET IMPACT:

FINANCIAL PLAN

	PRIOR	FY17	FY18	FY19	FY20	FY21	FY22	TOTAL
EXPENDITURES:								
Pre-Design								
Design								
Purch/Const.		\$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
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
2017 - 2022 CIP Project Description

GENERAL PROJECT DATA: Project Name: <u>BUS REPLACEMENT</u> Department: SCHOOL DEPT. Location: BUS GARAGE, Hutchins St.		MASTER PLAN INFORMATION: Project listed in MP?		PROJECT NEED		PROJECT SCHEDULE				FY17				FY18				FY19				FY20				FY21				FY22			
						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																											

<u>PROJECT DESCRIPTION, RATIONALE & OPERATING BUDGET IMPACT</u>	
---	--

DESCRIPTION:	PRIORITY IN RELATION TO OTHER PROJECTS
Bus replacement for Bus 05, 91,602 miles	
Bus replacement for Bus 08, 104,585 miles	
Bus replacement for Bus 09, 81,303 miles	HIGH

DESCRIPTION:	PRIORITY IN RELATION TO OTHER PROJECTS
Bus replacement for Bus 05, 91,602 miles	
Bus replacement for Bus 08, 104,585 miles	
Bus replacement for Bus 09, 81,303 miles	HIGH

DESCRIPTION:	PRIORITY IN RELATION TO OTHER PROJECTS
Bus replacement for Bus 05, 91,602 miles	
Bus replacement for Bus 08, 104,585 miles	
Bus replacement for Bus 09, 81,303 miles	HIGH

DESCRIPTION:	PRIORITY IN RELATION TO OTHER PROJECTS
Bus replacement for Bus 05, 91,602 miles	
Bus replacement for Bus 08, 104,585 miles	
Bus replacement for Bus 09, 81,303 miles	HIGH

DESCRIPTION:	PRIORITY IN RELATION TO OTHER PROJECTS
Bus replacement for Bus 05, 91,602 miles	
Bus replacement for Bus 08, 104,585 miles	
Bus replacement for Bus 09, 81,303 miles	HIGH

		HIGH	<input type="checkbox"/>
		MEDIUM	<input type="checkbox"/>
RATIONALE:			
(Cost/Benefit, Need and/or Service Standard)	NH Dept. of Safety, pupil transportation recommends school buses operate no more than 10 years or not more than 100,000 miles.	LOW	<input type="checkbox"/>

		HIGH	<input type="checkbox"/>
		MEDIUM	<input type="checkbox"/>
RATIONALE:			
(Cost/Benefit, Need and/or Service Standard)	NH Dept. of Safety, pupil transportation recommends school buses operate no more than 10 years or not more than 100,000 miles.	LOW	<input type="checkbox"/>

		HIGH	<input type="checkbox"/>
		MEDIUM	<input type="checkbox"/>
RATIONALE:			
(Cost/Benefit, Need and/or Service Standard)	NH Dept. of Safety, pupil transportation recommends school buses operate no more than 10 years or not more than 100,000 miles.	LOW	<input type="checkbox"/>

OPERATING BUDGET IMPACT:

FINANCIAL PLAN								
	PRIOR	FY17	FY18	FY19	FY20	FY21	FY22	TOTAL
EXPENDITURES:								
Pre-Design								
Design								
Purch/Const.		90,000		95,000		95,000		280,000
TOTAL		\$90,000		\$90,000		\$95,000		\$280,000
FUNDING:								
Current Rev.								
Seg. Funds								
Borrow								
Federal								
State								
Other								
TOTAL								
OPERATING BUDGET IMPACT:								
Personnel								
Non-Personnel								
Capital								
TOTAL								



CITY OF BERLIN, NH
2017 - 2022 CIP Project Description

GENERAL PROJECT DATA:		MASTER PLAN INFORMATION: Project listed in MP?	PROJECT NEED	PROJECT SCHEDULE	FY17				FY18				FY19				FY20				FY21				FY22			
Project Name:	BMS, BHS, Hillside, Brown Roof 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:	SCHOOL DEPT.		Mandate																									
Location:	BMS,Hillside,BHS,Brown Schools		Council Goal																									
			Dept. Goal	X																								

PROJECT DESCRIPTION, RATIONALE & OPERATING BUDGET IMPACT

DESCRIPTION: Maintenance product for roofs on all schools on a rotation, 10-year guarantees
School dept. has a roof asset management plan by The Garland Company
An elastomeric product called "White Knight" has been proven to have excellent results and more cost effective than roof replacements.
Left to date: Old sections of Brown School, over BHS print shop, over Hillside/District offices and Marston School
Expected completion of all roofs FY17)

RATIONALE:

(Cost/Benefit, Need and/or Service Standard) A white knight rubber sealant has been used on some roof sections to extend the life of them.
The City bonded roof renovations for Brown School and BMS in the late 1990's

PRIORITY IN RELATION TO OTHER PROJECTS

HIGH ☒

MEDIUM ☐

LOW ☐

OPERATING BUDGET IMPACT:

FINANCIAL PLAN								
	PRIOR	FY17	FY18	FY19	FY20	FY21	FY22	TOTAL
EXPENDITURES:								
Pre-Design								
Design								
Purch/Const.		50,000						50,000
TOTAL		\$50,000						\$50,000
FUNDING:								
Current Rev.								
Seg. Funds								
Borrow								
Federal								
State								
Other								
TOTAL								
OPERATING BUDGET IMPACT:								
Personnel								
Non-Personnel								
Capital								
TOTAL								



(OF PROJECT OR BOTH)



CITY OF BERLIN, NH
2017 - 2022 CIP Project Description

GENERAL PROJECT DATA:		MASTER PLAN INFORMATION: Project listed in MP?	PROJECT NEED	PROJECT SCHEDULE	FY17				FY18				FY19				FY20				FY21				FY22			
Project Name:	<u>BMS GYM FLOORS/Track</u>				1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4				
Department:	SCHOOL DEPT.		Mandate																									
Location:	BERLIN MIDDLE SCHOOL GYM AND TRACK		Council Goal																									
			Dept. Goal	X	X				X																			

PROJECT DESCRIPTION, RATIONALE & OPERATING BUDGET IMPACT

DESCRIPTION:		Replacement of original gym floors and track at Berlin Middle School BMS Newer gym floor will be put out to bid Jan. 2016 for replacement floor to be renovated spring/summer 2016. Funding is secured for Newer gym floor.)	PRIORITY IN RELATION TO OTHER PROJECTS	
			HIGH	<input type="checkbox"/>
			MEDIUM	<input type="checkbox"/>
			LOW	<input type="checkbox"/>
RATIONALE:		Gym floor on ground level has warped sections from previous steam heat leakage. Presents an unsafe flooring for student activities. (Cost/Benefit, Need and/or Service Standard)		
		Sub-level gym has never had repairs and is used daily for PE classes and athletic practices		
		Track needs a structural assessment and sections rebuilt		

OPERATING BUDGET IMPACT:

FINANCIAL PLAN								
	PRIOR	FY17	FY18	FY19	FY20	FY21	FY22	TOTAL
EXPENDITURES:								
Pre-Design								
Design								
Purch/Const.		80,000	40,000					120,000
TOTAL		\$80,000	\$40,000					\$120,000
FUNDING:								
Current Rev.								
Seg. Funds								
Borrow								
Federal								
State								
Other								
TOTAL								
OPERATING BUDGET IMPACT:								
Personnel								
Non-Personnel								
Capital								
TOTAL								



CITY OF BERLIN, NH
2017 - 2022 CIP Project Description

GENERAL PROJECT DATA:		MASTER PLAN INFORMATION: Project listed in MP?	PROJECT NEED		PROJECT SCHEDULE	FY17				FY18				FY19				FY20				FY21				FY22			
Project Name: <u>BHS Science Labs</u>						1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4				
Department: SCHOOL DEPT.			Mandate																										
Location: BERLIN HIGH SCHOOL			Council Goal																										
			Dept. Goal		X									X															

PROJECT DESCRIPTION, RATIONALE & OPERATING BUDGET IMPACT

DESCRIPTION:

Renovate 4 science classrooms with modern technology.

PRIORITY IN RELATION TO OTHER PROJECTS

HIGH ☐

MEDIUM ☐

LOW ☐

RATIONALE:

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

Current science classes have not had replacement furniture or equipment since the original construction. Science work stations need to be modernized and updated.

There is inadequate power stations or work tables.

OPERATING BUDGET IMPACT:

FINANCIAL PLAN

	PRIOR	FY17	FY18	FY19	FY20	FY21	FY22	TOTAL
EXPENDITURES:								
Pre-Design								
Design								
Purch/Const.				1,300,000				1,300,000
TOTAL				#####				\$1,300,000
FUNDING:								
Current Rev.								
Seg. Funds								
Borrow								
Federal								
State								
Other								
TOTAL								
OPERATING BUDGET IMPACT:								
Personnel								
Non-Personnel								
Capital								
TOTAL								



CITY OF BERLIN, NH
2017 - 2022 CIP Project Description

GENERAL PROJECT DATA:		MASTER PLAN INFORMATION: Project listed in MP?	PROJECT NEED	PROJECT SCHEDULE	FY17				FY18				FY19				FY20				FY21				FY22			
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		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.
(Cost/Benefit, Need and/or Service Standard)

OPERATING BUDGET IMPACT: FY16 Budget CIP allocation for BMS fire alarm panel replacement = \$50,0000
Estimate was \$110,000. Will repost bidding in January, 2016. Requesting addition funding to add to the current \$50,000
Requesting \$95,000 plus \$70,000 in FY17 to complete the project.

FINANCIAL PLAN								
	PRIOR	FY17	FY18	FY19	FY20	FY21	FY22	TOTAL
EXPENDITURES:								
Pre-Design								
Design								
Purch/Const.		95,000						95,000
TOTAL		\$95,000						\$95,000
FUNDING:								
Current Rev.		\$50,000						\$50,000
Seg. Funds								
Borrow								
Federal								
State								
Other		70,000						70,000
TOTAL		\$120,000						\$120,000
OPERATING BUDGET IMPACT:								
Personnel								
Non-Personnel								
Capital								
TOTAL								



Brown



BMS

CITY OF BERLIN, NH
2017 - 2022 CIP Project Description

GENERAL PROJECT DATA:		MASTER PLAN INFORMATION: Project listed in MP?	PROJECT NEED	PROJECT SCHEDULE	FY17				FY18				FY19				FY20				FY21				FY22			
Project Name:	BMS Main Entrance				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:	SCHOOL DEPT.		Mandate																									
Location:	BMS, State Street		Council Goal																									
			Dept. Goal	X												X												

PROJECT DESCRIPTION, RATIONALE & OPERATING BUDGET IMPACT

DESCRIPTION: Renovate and redesign a safer public entrance to the main building.

PRIORITY IN RELATION TO OTHER PROJECTS

HIGH ☐

MEDIUM ☐

LOW ☐

RATIONALE: Increase School Security
(Cost/Benefit, Need and/or Service Standard)

OPERATING BUDGET IMPACT:

FINANCIAL PLAN								
	PRIOR	FY17	FY18	FY19	FY20	FY21	FY22	TOTAL
EXPENDITURES:								
Pre-Design								
Design								
Purch/Const.					1,000,000			1,000,000
TOTAL					#####			\$1,000,000
FUNDING:								
Current Rev.								
Seg. Funds								
Borrow								
Federal								
State								
Other								
TOTAL								
OPERATING BUDGET IMPACT:								
Personnel								
Non-Personnel								
Capital								
TOTAL								



CITY OF BERLIN, NH
2017 - 2022 CIP Project Description

GENERAL PROJECT DATA:		MASTER PLAN INFORMATION: Project listed in MP?	PROJECT NEED	PROJECT SCHEDULE	FY17				FY18				FY19				FY20				FY21				FY22			
Project Name:	GYM IMPROVEMENTS				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:	SCHOOL DEPT.		Mandate																									
Location:	BERLIN HIGH SCHOOL		Council Goal																									
			Dept. Goal	X					X																			

PROJECT DESCRIPTION, RATIONALE & OPERATING BUDGET IMPACT

DESCRIPTION: Sand, paint, refinish gym flooring, motorize bleachers, add steps and handrails

PRIORITY IN RELATION TO OTHER PROJECTS

HIGH ☐

MEDIUM ☐

RATIONALE: Gym flooring needs resanding due to frequent use and traffic. Smooth finished surface is necessary for athletic events.
 (Cost/Benefit, Need and/or Service Standard) Bleachers are inspected annually. Hardware to open and close bleachers has worn, repair would be to motorize the sections for safer manipulation by cu

LOW ☐

OPERATING BUDGET IMPACT:

FINANCIAL PLAN								
	PRIOR	FY17	FY18	FY19	FY20	FY21	FY22	TOTAL
EXPENDITURES:								
Pre-Design								
Design								
Purch/Const.		40,000						40,000
TOTAL		\$40,000						\$40,000
FUNDING:								
Current Rev.								
Seg. Funds								
Borrow								
Federal								
State								
Other								
TOTAL								
OPERATING BUDGET IMPACT:								
Personnel								
Non-Personnel								
Capital								
TOTAL								



CITY OF BERLIN, NH
2017 - 2022 CIP Project Description

GENERAL PROJECT DATA:		MASTER PLAN INFORMATION: Project listed in MP?	PROJECT NEED	PROJECT SCHEDULE	FY17				FY18				FY19				FY20				FY21				FY22			
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:	SCHOOL DEPT.		Mandate		X				X																			
Location:	BERLIN HIGH SCHOOL		Council Goal																									
			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, and construction of bus garage.
(Cost/Benefit, Need and/or Service Standard) Could create a separate entrance to Mini-Mounties pre-school program with an outdoor play area.

OPERATING BUDGET IMPACT:

FINANCIAL PLAN								
	PRIOR	FY17	FY18	FY19	FY20	FY21	FY22	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.								
Seg. Funds								
Borrow								
Federal								
State								
Other								
TOTAL								
OPERATING BUDGET IMPACT:								
Personnel								
Non-Personnel								
Capital								
TOTAL								



CITY OF BERLIN, NH
2017 - 2022 CIP Project Description

GENERAL PROJECT DATA:		MASTER PLAN INFORMATION:	PROJECT NEED	PROJECT SCHEDULE	FY17				FY18				FY19				FY20				FY21				FY22			
Project Name:	Hillside Main Entrance and secure district office	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:	SCHOOL DEPT.		Mandate																									
Location:	BMS, State Street		Council Goal																									
			Dept. Goal	X																	X							

PROJECT DESCRIPTION, RATIONALE & OPERATING BUDGET IMPACT

DESCRIPTION: Renovate and redesign a safer public entrance to the main Hillside building and secure district offices.

PRIORITY IN RELATION TO OTHER PROJECTS

HIGH ☐

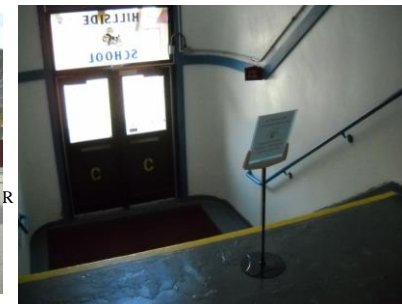
MEDIUM ☐

LOW ☐

RATIONALE: Increase School Security
 (Cost/Benefit, Need and/or Service Standard)

OPERATING BUDGET IMPACT:

FINANCIAL PLAN								
	PRIOR	FY17	FY18	FY19	FY20	FY21	FY22	TOTAL
EXPENDITURES:								
Pre-Design								
Design								
Purch/Const.						500,000		500,000
TOTAL						\$500,000		\$500,000
FUNDING:								
Current Rev.								
Seg. Funds								
Borrow								
Federal								
State								
Other								
TOTAL								
OPERATING BUDGET IMPACT:								
Personnel								
Non-Personnel								
Capital								
TOTAL								



CITY OF BERLIN, NH
2017 - 2022 CIP Project Description

GENERAL PROJECT DATA:		MASTER PLAN INFORMATION: Project listed in MP?	PROJECT NEED	PROJECT SCHEDULE	FY17				FY18				FY19				FY20				FY21				FY22			
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:	SCHOOL DEPT.		Mandate																									
Location:	BERLIN HIGH SCHOOL		Council Goal																									
			Dept. Goal	X									X															

PROJECT DESCRIPTION, RATIONALE & OPERATING BUDGET IMPACT

DESCRIPTION:

Renovate Lecture Hall to a modern presentation room.

PRIORITY IN RELATION TO OTHER PROJECTS

HIGH ☐

MEDIUM ☐

LOW ☐

RATIONALE:

Lecture Hall has not had replacement furniture or equipment since the original construction. Acoustics and seating are exceptionally poor.

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

OPERATING BUDGET IMPACT:

FINANCIAL PLAN

	PRIOR	FY17	FY18	FY19	FY20	FY21	FY22	TOTAL
EXPENDITURES:								
Pre-Design								
Design								
Purch/Const.				85,000				85,000
TOTAL				\$85,000				\$85,000
FUNDING:								
Current Rev.								
Seg. Funds								
Borrow								
Federal								
State								
Other								
TOTAL								
OPERATING BUDGET IMPACT:								
Personnel								
Non-Personnel								
Capital								
TOTAL								



AN OF PROJECT OR BOTH)



CITY OF BERLIN, NH
2017 - 2022 CIP Project Description

GENERAL PROJECT DATA:		MASTER PLAN INFORMATION: Project listed in MP?	PROJECT NEED	PROJECT SCHEDULE	FY17	FY18	FY19	FY20	FY21	FY22
Project Name:	BUS GARAGE CONSTRUCTION				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 PROPERTY		Council Goal							
			Dept. Goal	X				X		

PROJECT DESCRIPTION, RATIONALE & OPERATING BUDGET IMPACT

DESCRIPTION: Construction of a 2-bay garage with small office.

PRIORITY IN RELATION TO OTHER PROJECTS

HIGH ☐

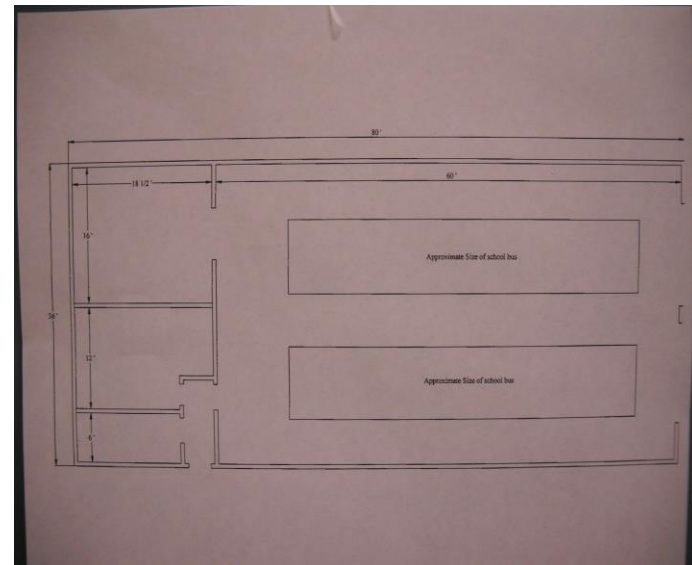
MEDIUM ☐

LOW ☐

RATIONALE: Building trades could build a 2-bay bus garage with small office and car ports for fleet of 10 buses/vehicles.
 (Cost/Benefit, Need and/or Service Standard) Currently a garage is being rented.

OPERATING BUDGET IMPACT:

FINANCIAL PLAN								
	PRIOR	FY17	FY18	FY19	FY20	FY21	FY22	TOTAL
EXPENDITURES:								
Pre-Design								
Design								
Purch/Const.					350,000			350,000
TOTAL					\$350,000			\$350,000
FUNDING:								
Current Rev.								
Seg. Funds								
Borrow								
Federal								
State								
Other								
TOTAL								
OPERATING BUDGET IMPACT:								
Personnel								
Non-Personnel								
Capital								
TOTAL								



CITY OF BERLIN, NH
2017 - 2022 CIP Project Description

GENERAL PROJECT DATA:		MASTER PLAN INFORMATION: Project listed in MP?	PROJECT NEED	PROJECT SCHEDULE	FY17				FY18				FY19				FY20				FY21				FY22			
Project Name:	Hillside/BMS CAFETERIA FLOOR				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:	SCHOOL DEPT.		Mandate																									
Location:	HILLSIDE SCHOOL		Council Goal																									
			Dept. Goal	X					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 area with asbestos contained materials
 (Cost/Benefit, Need and/or Service Standard)

OPERATING BUDGET IMPACT:

FINANCIAL PLAN								
	PRIOR	FY17	FY18	FY19	FY20	FY21	FY22	TOTAL
EXPENDITURES:								
Pre-Design								
Design								
Purch/Const.				70,000				70,000
TOTAL				\$70,000				\$70,000
FUNDING:								
Current Rev.								
Seg. Funds								
Borrow								
Federal								
State								
Other								
TOTAL								
OPERATING BUDGET IMPACT:								
Personnel								
Non-Personnel								
Capital								
TOTAL								



CITY OF BERLIN, NH
2017 - 2022 CIP Project Description

GENERAL PROJECT DATA:		MASTER PLAN INFORMATION: Project listed in MP?	PROJECT NEED		PROJECT SCHEDULE	FY17				FY18				FY19				FY20				FY21				FY22			
Project Name: <u>Masonry & brick repointing</u>						1 2 3 4				1 2 3 4				1 2 3 4				1 2 3 4				1 2 3 4				1 2 3 4			
Department: SCHOOL DEPT.			Mandate																										
Location: Hillside/Berlin Middle School			Council Goal																										
			Dept. Goal		X																								

PROJECT DESCRIPTION, RATIONALE & OPERATING BUDGET IMPACT

DESCRIPTION: Masonry work needed on Hillside/Middle School complex, particularly on the courtyard sides
Masonry work needed on most walkways and stairways

PRIORITY IN RELATION TO OTHER PROJECTS

HIGH ☒

MEDIUM ☐

LOW ☐

RATIONALE: Crumbling window sills and uneven, broken stairways
(Cost/Benefit, Need and/or Service Standard)

OPERATING BUDGET IMPACT:

FINANCIAL PLAN								
	PRIOR	FY17	FY18	FY19	FY20	FY21	FY22	TOTAL
EXPENDITURES:								
Pre-Design								
Design								
Purch/Const.		75,000						75,000
TOTAL		\$75,000						\$75,000
FUNDING:								
Current Rev.								
Seg. Funds								
Borrow								
Federal								
State								
Other								
TOTAL								
OPERATING BUDGET IMPACT:								
Personnel								
Non-Personnel								
Capital								
TOTAL								



CITY OF BERLIN, NH
2017 - 2022 CIP Project Description

GENERAL PROJECT DATA:		MASTER PLAN INFORMATION:		PROJECT NEED	PROJECT SCHEDULE	FY17	FY18	FY19	FY20	FY21	FY22
Project Name:	BHS CLASSROOM FLOORS AND ASBESTOS	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:	SCHOOL DEPT.			Mandate							
Location:	BERLIN HIGH SCHOOL			Council Goal							
				Dept. Goal	X		X	X	X	X	

PROJECT DESCRIPTION, RATIONALE & OPERATING BUDGET IMPACT

DESCRIPTION:

BHS Classroom Floor replacement, 38 classrooms, and asbestos abatement from the mastik
This would replace about 1/2 of the classrooms, covering 11,350 Sq.Ft., 19 /38 classrooms

PRIORITY IN RELATION TO OTHER PROJECTS

HIGH ☐

MEDIUM ☐

LOW ☐

RATIONALE:

Current tile floors are cracking and becoming a hazard.

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

OPERATING BUDGET IMPACT:

FINANCIAL PLAN

	PRIOR	FY17	FY18	FY19	FY20	FY21	FY22	TOTAL
EXPENDITURES:								
Pre-Design								
Design								
Purch/Const.			85,000	85,000	85,000	85,000		340,000
TOTAL			\$85,000	\$85,000	\$85,000	\$85,000		\$340,000
FUNDING:								
Current Rev.								
Seg. Funds								
Borrow								
Federal								
State								
Other								
TOTAL								
OPERATING BUDGET IMPACT:								
Personnel								
Non-Personnel								
Capital								
TOTAL								



CITY OF BERLIN, NH
2017 - 2022 CIP Project Description

GENERAL PROJECT DATA:		MASTER PLAN INFORMATION: Project listed in MP?	PROJECT NEED	PROJECT SCHEDULE	FY17				FY18				FY19				FY20				FY21				FY22			
Project Name:	<u>Hillside and Brown bathroom renovations</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:	SCHOOL DEPT.		Mandate																									
Location:	BMS, State Street		Council Goal																									
			Dept. Goal	X																	X							

PROJECT DESCRIPTION, RATIONALE & OPERATING BUDGET IMPACT

DESCRIPTION: Renovate 2 boys and 2 girls bathrooms at Hillside, 1 boys and 1 girls at Brown

PRIORITY IN RELATION TO OTHER PROJECTS

HIGH ☐

MEDIUM ☐

LOW ☐

RATIONALE: Sanitation and energy efficient upgrades
 (Cost/Benefit, Need and/or Service Standard)

OPERATING BUDGET IMPACT:

FINANCIAL PLAN								
	PRIOR	FY17	FY18	FY19	FY20	FY21	FY22	TOTAL
EXPENDITURES:								
Pre-Design								
Design								
Purch/Const.						90,000		90,000
TOTAL						\$90,000		\$90,000
FUNDING:								
Current Rev.								
Seg. Funds								
Borrow								
Federal								
State								
Other								
TOTAL								
OPERATING BUDGET IMPACT:								
Personnel								
Non-Personnel								
Capital								
TOTAL								



CITY OF BERLIN, NH
2017 - 2022 CIP Project Description

GENERAL PROJECT DATA:		MASTER PLAN INFORMATION: Project listed in MP?	PROJECT NEED		PROJECT SCHEDULE				FY17				FY18				FY19				FY20				FY21				FY22			
Project Name: <u>BHS & BMS Intervom 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																													
Location: BERLIN MIDDLE & BERLIN HIGH SCHOOLS			Council Goal																													
			Dept. Goal							X																						

PROJECT DESCRIPTION, RATIONALE & OPERATING BUDGET IMPACT

DESCRIPTION: School safety and communications
 Berlin High School intercom system installed in 1972
 Berlin Middle School intercom installed in 1997

PRIORITY IN RELATION TO OTHER PROJECTS

HIGH ☐

MEDIUM ☐

LOW ☐

RATIONALE:

OPERATING BUDGET IMPACT:

FINANCIAL PLAN

	PRIOR	FY17	FY18	FY19	FY20	FY21	FY22	TOTAL
EXPENDITURES:								
Pre-Design								
Design								
Purch/Const.			55,000					55,000
TOTAL			\$55,000					\$55,000
FUNDING:								
Current Rev.								
Seg. Funds								
Borrow								
Federal								
State								
Other								
TOTAL								
OPERATING BUDGET IMPACT:								
Personnel								
Non-Personnel								
Capital								
TOTAL								



CITY OF BERLIN, NH
2017 - 2022 CIP Project Description

GENERAL PROJECT DATA:		MASTER PLAN INFORMATION:		PROJECT NEED	PROJECT SCHEDULE	FY17	FY18	FY19	FY20	FY21	FY22
Project Name: <u>Replacement Windows</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: Replacement Windows

PRIORITY IN RELATION TO OTHER PROJECTS

HIGH ☐

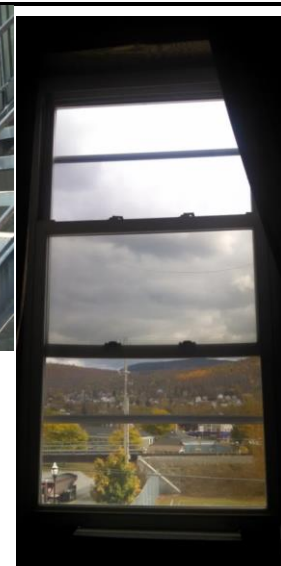
MEDIUM ☒

LOW ☐

RATIONALE: The current windows are old and drafty; new windows would assist with heating costs. 22 windows at \$600 each.

OPERATING BUDGET IMPACT:

FINANCIAL PLAN								
	PRIOR	FY17	FY18	FY19	FY20	FY21	FY22	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								



CITY OF BERLIN, NH
2017 - 2022 CIP Project Description

GENERAL PROJECT DATA:		MASTER PLAN INFORMATION:		PROJECT NEED	PROJECT SCHEDULE	FY17				FY18				FY19				FY20				FY21				FY22			
Project Name: <u>THIRD FLOOR RENOVATIONS</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																													
Location:																													

PROJECT DESCRIPTION, RATIONALE & OPERATING BUDGET IMPACT

DESCRIPTION: Third Floor Renovations

PRIORITY IN RELATION TO OTHER PROJECTS

HIGH ☐

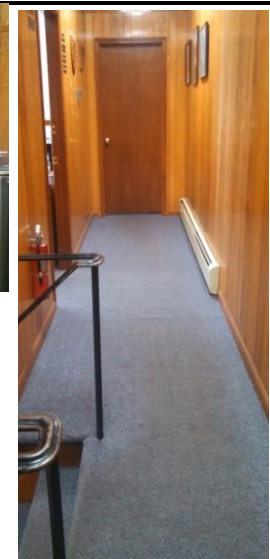
MEDIUM ☒

LOW ☐

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

OPERATING BUDGET IMPACT:

FINANCIAL PLAN								
	PRIOR	FY17	FY18	FY19	FY20	FY21	FY22	TOTAL
EXPENDITURES:								
Pre-Design								
Design								
Purch/Const.								
TOTAL								
FUNDING:								
Current Rev.		\$20,643						\$20,643
Seg. Funds								
Borrow								
Federal								
State								
Other								
TOTAL		\$20,643						\$20,643
OPERATING BUDGET IMPACT:								
Personnel								
Non-Personnel								
Capital								
TOTAL								



CITY OF BERLIN, NH
2017 - 2022 CIP Project Description

GENERAL PROJECT DATA: Project Name: Housing Initiative	MASTER PLAN INFORMATION: Project listed in MP? Yes	PROJECT NEED	PROJECT SCHEDULE	FY17	FY18	FY19	FY20	FY21	FY22
				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
Department: Housing		Dept. Goal							
Location:									

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 \$967,000, with projected additional blighted properties obtained in each subsequent tax year at a cost of approximately \$250,000 per year.

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

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

We experienced a temporary decline in the number of Tax Deeded Properties in 2014 (13 properties) from the record highs in 2012 & 2013 (38 & 31 properties), but saw an increase in 2015 back to 20 properties that included many single-family residences. With 271 units removed to date, the City is more than half-way toward its goal to remove 500 substandard units. 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: Expended in 2013

ED1: Expended in 2015

OPERATING BUDGET IMPACT:

FINANCIAL PLAN

	PRIOR	FY17	FY18	FY19	FY20	FY21	FY22	TOTAL
EXPENDITURES:								
Pre-Design								
Design								
Purch/Const.								
TOTAL								
FUNDING:								
Current Rev.	\$0	\$600,000	\$400,000	\$250,000	\$250,000	\$250,000	\$200,000	\$1,950,000
Seg. Funds	\$112,934							\$112,934
Borrow								\$0
Federal	\$0							\$0
State	0							\$0
Other								\$0
TOTAL	\$112,934	\$600,000	\$400,000	\$250,000	\$250,000	\$250,000	\$200,000	\$2,062,934

OPERATING BUDGET IMPACT:

Personnel								
Non-Personnel								
Capital								
TOTAL								



CITY OF BERLIN, NH
2017 - 2022 CIP Project Description

GENERAL PROJECT DATA:		MASTER PLAN INFORMATION:		PROJECT NEED		PROJECT SCHEDULE				FY17				FY18				FY19				FY20				FY21				FY22											
Project Name: <u>Paved Parking Area</u>		Project listed in MP? No.								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 the area being dug-up and repaved by the BWV; this never occurred.

OPERATING BUDGET IMPACT:

FINANCIAL PLAN

	PRIOR	FY17	FY18	FY19	FY20	FY21	FY22	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
2017 - 2022 CIP Project Description

GENERAL PROJECT DATA:		MASTER PLAN INFORMATION:		PROJECT NEED	PROJECT SCHEDULE	FY17	FY18	FY19	FY20	FY21	FY22
Project Name: <u>Renovation of Bathrooms & Prisoner Entrance Door</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: Replace bathroom flooring, tiles, and fixtures, and add door to cell area

PRIORITY IN RELATION TO OTHER PROJECTS

HIGH ☒

MEDIUM ☐

LOW ☐

RATIONALE: Bathrooms have deteriorated over the years; they have become musty and flooring mildewed. Cleaning solvents are no longer effective. Adding a new entrance to the cell area will restrict access to critical infrastructure.

OPERATING BUDGET IMPACT:

FINANCIAL PLAN

	PRIOR	FY17	FY18	FY19	FY20	FY21	FY22	TOTAL
EXPENDITURES:								
Pre-Design								
Design								
Purch/Const.								
TOTAL								
FUNDING:								
Current Rev.		\$12,000						\$12,000
Seg. Funds								
Borrow								
Federal								
State								
Other								
TOTAL		\$12,000						\$12,000
OPERATING BUDGET IMPACT:								
Personnel								
Non-Personnel								
Capital								
TOTAL								



CITY OF BERLIN, NH
2017 - 2022 CIP Project Description

GENERAL PROJECT DATA:			MASTER PLAN INFORMATION: Project listed in MP?		PROJECT NEED		PROJECT SCHEDULE				FY17				FY18				FY19				FY20				FY21				FY22			
Project Name: <u>Rte. 110 Sewer Extension</u>					Mandate																													
Department: Engineering					Council Goal																													
Location:					Dept. Goal		x		x																									

PROJECT DESCRIPTION, RATIONALE & OPERATING BUDGET IMPACT

DESCRIPTION: Extend Sewer Service over 2 miles

PRIORITY IN RELATION TO OTHER PROJECTS

HIGH ☐

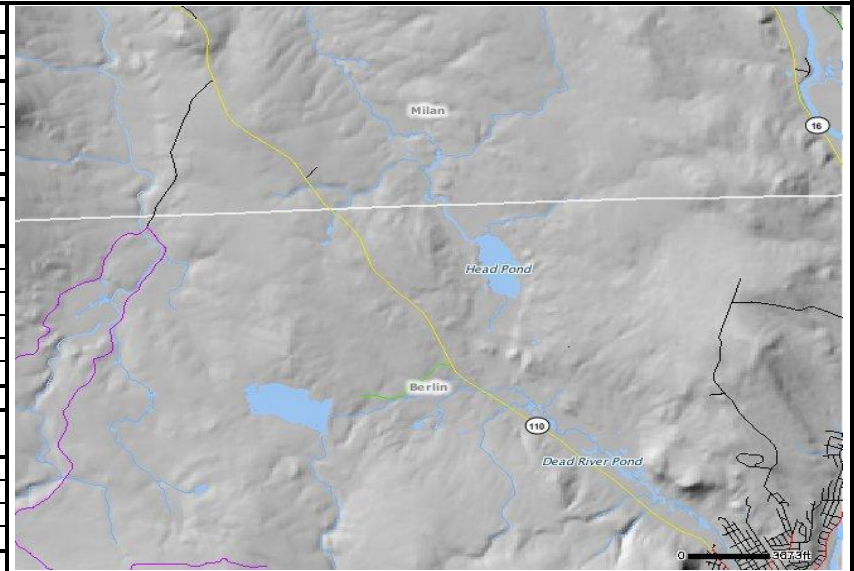
MEDIUM ☒

LOW ☐

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

OPERATING BUDGET IMPACT:

FINANCIAL PLAN								
	PRIOR	FY17	FY18	FY19	FY20	FY21	FY22	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
2017 - 2022 CIP Project Description

GENERAL PROJECT DATA:		MASTER PLAN INFORMATION: Project listed in MP?	PROJECT NEED		PROJECT SCHEDULE		FY17				FY18				FY19				FY20				FY21				FY22			
Project Name:	Snowmobile Trails						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																											

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

OPERATING BUDGET IMPACT:

FINANCIAL PLAN

	PRIOR	FY17	FY18	FY19	FY20	FY21	FY22	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
2017 - 2022 CIP Project Description

GENERAL PROJECT DATA: Project Name: <u>CITY HALL ELEVATOR</u> Department: Location: CITY HALL	MASTER PLAN INFORMATION: Project listed in MP? NO	PROJECT NEED	PROJECT SCHEDULE	FY17	FY18	FY19	FY20	FY21	FY22
				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: INTERNAL ELEVATOR

PRIORITY IN RELATION TO OTHER PROJECTS

HIGH ☒

MEDIUM ☐

LOW ☐

RATIONALE: CHAIR LIFT FAILING/OBSOLETE PARTS

OPERATING BUDGET IMPACT: Approx. \$90,000

FINANCIAL PLAN

	PRIOR	FY17	FY18	FY19	FY20	FY21	FY22	TOTAL
EXPENDITURES:								
Pre-Design		\$15,000	\$15,000	\$15,000	\$15,000	\$15,000	\$15,000	\$90,000
Design								
Purch/Const.								
TOTAL		\$15,000	\$15,000	\$15,000	\$15,000	\$15,000	\$15,000	\$90,000
FUNDING:								
Current Rev.		\$15,000	\$15,000	\$15,000	\$15,000	\$15,000	\$15,000	\$90,000
Seg. Funds								
Borrow								
Federal								
State								
Other								
TOTAL		\$15,000	\$15,000	\$15,000	\$15,000	\$15,000	\$15,000	\$90,000
OPERATING BUDGET IMPACT:								
Personnel								
Non-Personnel								
Capital								
TOTAL								



CITY OF BERLIN, NH
2017 - 2022 CIP Project Description

GENERAL PROJECT DATA:		MASTER PLAN INFORMATION: Project listed in MP? yes	PROJECT NEED	PROJECT SCHEDULE	FY17				FY18				FY19				FY20				FY21				FY22			
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 private sectors. In order to secure federal and private foundation funds, leverage will be needed.

PRIORITY IN RELATION TO OTHER PROJECTS

HIGH ☒

MEDIUM ☐

LOW ☐

OPERATING BUDGET IMPACT:

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

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

FINANCIAL PLAN								
	PRIOR	FY17	FY18	FY19	FY20	FY21	FY22	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
2017 - 2022 CIP Project Description

GENERAL PROJECT DATA: Project Name: <u>IT Initiative</u> Department: Planning Location:		MASTER PLAN INFORMATION: Project listed in MP?		PROJECT NEED	PROJECT SCHEDULE	FY17				FY18				FY19				FY20				FY21				FY22			
						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 X X X				X X X X				X X X X				X X X X			

PROJECT DESCRIPTION, RATIONALE & OPERATING BUDGET IMPACT

DESCRIPTION:

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

PRIORITY IN RELATION TO OTHER PROJECTS

HIGH ☒

MEDIUM ☐

LOW ☐

RATIONALE:

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

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

OPERATING BUDGET IMPACT:

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

FINANCIAL PLAN

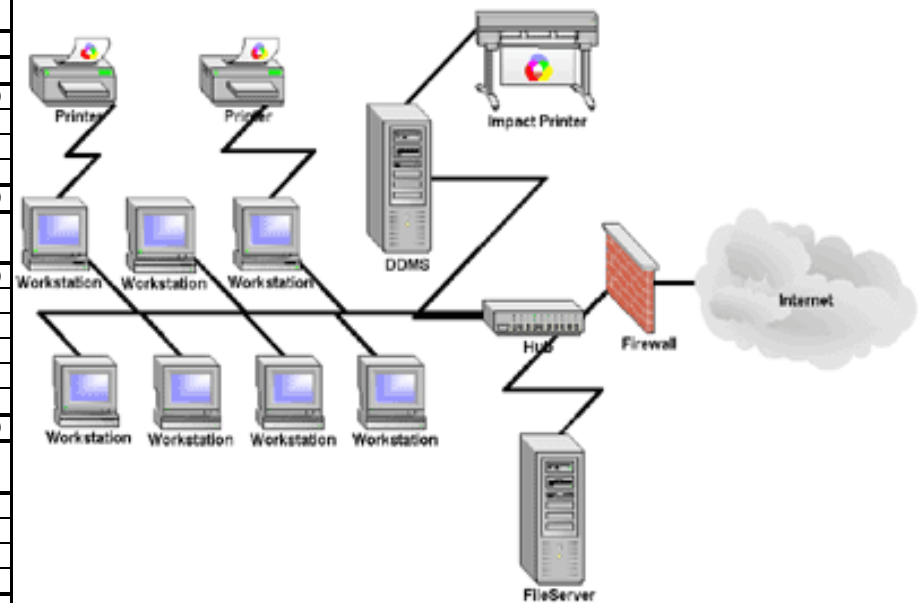
	PRIOR	FY17	FY18	FY19	FY20	FY21	FY22	TOTAL
EXPENDITURES:								
Pre-Design		\$70,000	\$70,000	\$40,000	\$10,000	\$15,000	\$10,000	\$215,000
Design								
Purch/Const.								
TOTAL		\$70,000	\$70,000	\$40,000	\$10,000	\$15,000	\$10,000	\$215,000

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
2017 - 2022 CIP Project Description

GENERAL PROJECT DATA:		MASTER PLAN INFORMATION: Project listed in MP?	PROJECT NEED	PROJECT SCHEDULE	FY17				FY18				FY19				FY20				FY21				FY22			
Project Name:	<u>LIBRARY BUILDING MAINTENANCE</u>				1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4
Department:	Library		Mandate																									
Location:	270 Main Street		Council Goal																									
			Dept. Goal																									

PROJECT DESCRIPTION, RATIONALE & OPERATING BUDGET IMPACT

DESCRIPTION: Replace light fixtures in Children's Dept
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: Children's Dept. Light fixtures have ballast that continually need to be repalced. Dave Landry commented that the libraryl needs to budget to replace with new fixtures.
More funds needed to complete project, specialized staging to work on riverbank at back of building.
Back inside wall is deteriorating behind panelling, separating the panels and crumbling to the floor and in the stairwell
and children's dept there are cracks and the paint is peeling off due to the moisture from the bricks of the back of the building.
Windows are old,some glass blocks are cracked, sills are deteriorating, ineffecient as heat escapes.

OPERATING BUDGET IMPACT:

FINANCIAL PLAN								
	PRIOR	FY17	FY18	FY19	FY20	FY21	FY22	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
2017 - 2022 CIP Project Description

GENERAL PROJECT DATA:			MASTER PLAN INFORMATION: Project listed in MP?		PROJECT NEED		PROJECT SCHEDULE		FY17				FY18				FY19				FY20				FY21				FY22			
Project Name: <u>Friendship Park Upgrades</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: Recreation					Council Goal																											
Location: Friendship Park - 115 Mason Street					Dept. Goal		X		Spring				X																			

PROJECT DESCRIPTION, RATIONALE & OPERATING BUDGET IMPACT

DESCRIPTION: Pole and electrical service to Friendship Park; shed (either outright purchase or maintenance department-made); Refrigerator (college dorm/camper size would be sufficient)
X marks the location planned for shed/electrical service
This new park is seeing high traffic and area residents are truly pleased with Berlin making their area of town Better!

PRIORITY IN RELATION TO OTHER PROJECTS

HIGH ☐

MEDIUM ☒

LOW ☐

RATIONALE: Currently we haul back and forth coolers/ice packs/leftover lunches from Summer Program. USDA Summer Food Program allows us one extra day to distribute food. Leftover food from one day can be given the next day. If we were to simply throw out the food, we do not get reimbursed from the State. To keep meals fresh from one day to the next at Friendship Park, we must transport leftovers from cooler to other fridge location and then back to Friendship Park the next day. Electricity and storage facility would be a time and eventually cost-saving measure.

OPERATING BUDGET IMPACT:

Current budget would see an increase in monthly electrical bill
Total cost after discussion with Maintenance Director, Vaillancourt's Electric and review of wooden shed cost is estimated at \$4,000

FINANCIAL PLAN

	PRIOR	FY17	FY18	FY19	FY20	FY21	FY22	TOTAL
EXPENDITURES:								
Pre-Design								
Design								
Purch/Const.		\$4,000.00						
TOTAL								
FUNDING:								
Current Rev.								
Seg. Funds								
Borrow								
Federal								
State								
Other								
TOTAL								
OPERATING BUDGET IMPACT:								
Personnel								
Non-Personnel								
Capital		\$4,000.00						
TOTAL		\$4,000.00						



CITY OF BERLIN, NH
2017 - 2022 CIP Project Description

GENERAL PROJECT DATA:		MASTER PLAN INFORMATION: Project listed in MP?	PROJECT NEED	PROJECT SCHEDULE	FY17				FY18				FY19				FY20				FY21				FY22			
Project Name: <u>Soccer Goals</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 Recreation			Mandate		1 set				2nd set																			
Location: City Sports Field			Council Goal																									
			Dept. Goal	X																								

PROJECT DESCRIPTION, RATIONALE & OPERATING BUDGET IMPACT

DESCRIPTION: Two sets - Pevo Channel Park Series Soccer goals including shipping
Need based on discussion with Berlin High School Athletic Director
Two Competition Series 8 X 24' goal

Need based on discussion with Berlin High School Athletic Director
AD sincerely believes if City makes a financial commitment, Senior and Junior High will as well

RATIONALE:

Recreation Department started as young as two years old this past June offering a clinic for 2 & 3 and 4 & 5 year olds (21 participants)
Summer Soccer saw 184 participants and the Berlin schools expanded their program to offer a girls soccer league

PRIORITY IN RELATION TO OTHER PROJECTS

HIGH ☒

MEDIUM ☐

LOW ☐

OPERATING BUDGET IMPACT:

FINANCIAL PLAN

	PRIOR	FY17	FY18	FY19	FY20	FY21	FY22	TOTAL
EXPENDITURES:								
Pre-Design								
Design								
Purch/Const.		\$6,142.00	\$6,142.00					12,284
TOTAL		\$6,142.00	\$6,142.00					\$ 12,284.00

FUNDING:		Possible revenue from School and/or Recreation Soccer User Fee Revenue						
Current Rev.		6142	\$6,142					\$12,284
Seg. Funds								
Borrow								
Federal								
State								
Other								
TOTAL		\$6,142.00	\$6,142.00					\$ 12,284.00

OPERATING BUDGET IMPACT:

Personnel								
Non-Personnel								
Capital								
TOTAL								



CITY OF BERLIN, NH
2017 - 2022 CIP Project Description

GENERAL PROJECT DATA:		MASTER PLAN INFORMATION:		PROJECT NEED	PROJECT SCHEDULE	FY17	FY18	FY19	FY20	FY21	FY22
Project Name:	Electronic Health Record	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:	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.

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

FINANCIAL PLAN

	PRIOR	FY17	FY18	FY19	FY20	FY21	FY22	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
2017 - 2022 CIP Project Description

GENERAL PROJECT DATA:			MASTER PLAN INFORMATION: Project listed in MP? NO	PROJECT	PROJECT	FY17				FY18				FY19				FY20				FY21				FY22			
Project Name: <u>Cost 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: 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 \$11,000.00
 Utility Body for F350 Pick Up Truck \$7,500.00
 New Aluminum Grating Covers for both Chlorine Contact Tanks to replace wooden ones \$32,000.00
 Fenceline Upgrade and Replacements for around Perimeter \$40,000.00

PRIORITY IN RELATION TO OTHER PROJECTS

HIGH ☐

MEDIUM ☐

LOW ☒

RATIONALE

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

OPERATING BUDGET IMPACT

FINANCIAL PLAN

	PRIOR	FY17	FY18	FY19	FY20	FY21	FY22	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

2017 - 2022 CIP Project Description

GENERAL PROJECT DATA:		MASTER PLAN INFORMATION: Project listed in MP? NO	PROJECT NEED	PROJECT SCHEDULE	FY17				FY18				FY19				FY20				FY21				FY22			
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				x					

PROJECT DESCRIPTION, RATIONALE & OPERATING BUDGET IMPACT

DESCRIPTION:

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

PRIORITY IN RELATION TO OTHER PROJECTS

HIGH ☒

MEDIUM ☐

LOW ☐

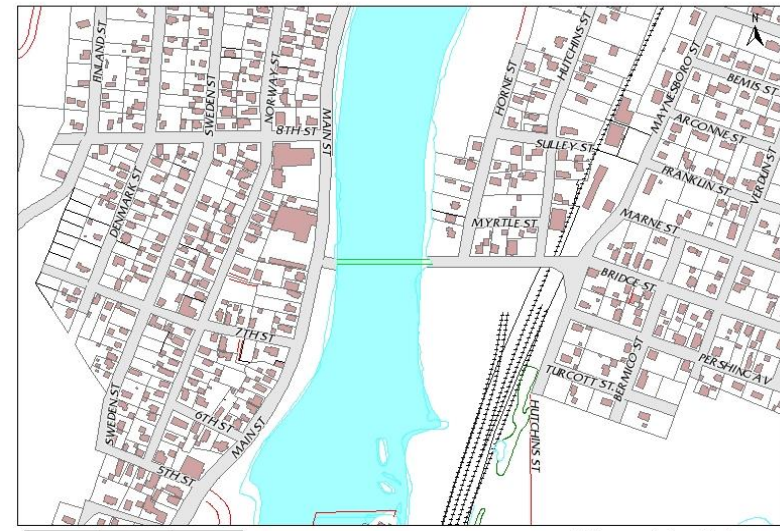
RATIONALE:

Update mapping in comprehensive GIS

OPERATING BUDGET IMPACT

FINANCIAL PLAN

	PRIOR	FY17	FY18	FY19	FY20	FY21	FY22	TOTAL
EXPENDITURES:								
Design								\$0
Management								0
Equipment								0
Construction								0
TOTAL		\$10,000	\$10,000	\$10,000	\$5,000	\$5,000	\$5,000	\$45,000
FUNDING:								
Current Rev.	\$3,090,051							\$3,090,051
Seg. Funds	5,202,913							5,202,913
Borrow								
Federal								
State								
Other								
TOTAL	\$8,292,964							\$8,292,964
OPERATING BUDGET IMPACT:								
Personnel								
Non-Personnel								
Capital								
TOTAL								



Riverside Drive

CITY OF BERLIN, NH
2017 - 2022 CIP Project Description

GENERAL PROJECT DATA:		MASTER PLAN INFORMATION: Project listed in MP? NO	PROJECT NEED	PROJECT SCHEDULE	FY17				FY18				FY19				FY20				FY21				FY22			
Project Name:	<u>Sanitary Line Replacement</u>				1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4
Department:	Waste Water Treatment		Mandate																									
Location:	Various		Council Goal																									
			Dept. Goal		x				x				x				x				x				x			

PROJECT DESCRIPTION, RATIONALE & OPERATING BUDGET IMPACT

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

PRIORITY IN RELATION TO OTHER PROJECTS

Upper Hillsboro St	\$120,000.00	11th St	\$50,000.00
Main Street structures	\$150,000.00	Willard St	\$70,000.00
Goebel Street	\$120,000.00	Pleasant St structures	\$140,000.00
Viking Street	\$70,000.00	Norway St	\$60,000.00
Sweden Street	\$60,000.00		
	<u>\$520,000.00</u>		<u>\$320,000.00</u>
			<u>\$840,000.00</u>

HIGH ☒

MEDIUM ☐

LOW ☐

RATIONALE:

OPERATING BUDGET IMPACT

FINANCIAL PLAN

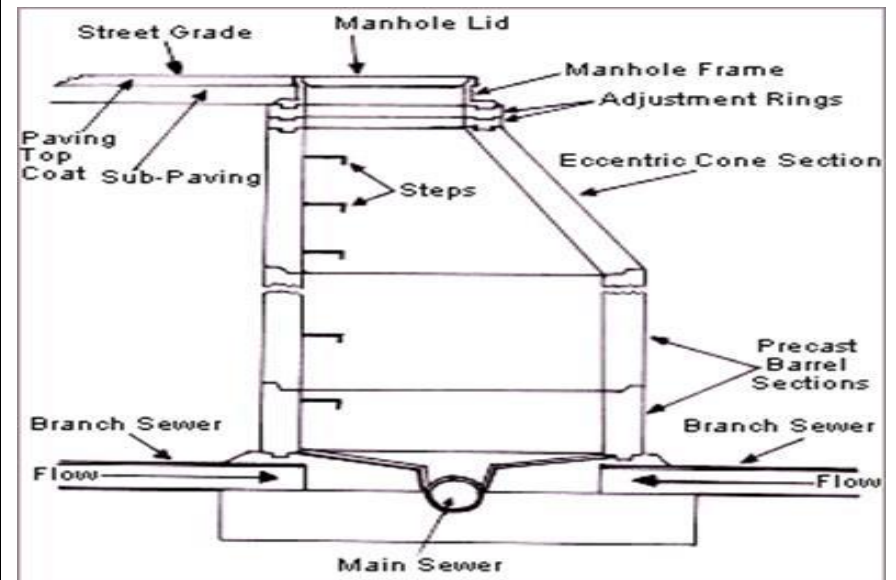
	PRIOR	FY17	FY18	FY19	FY20	FY21	FY22	TOTAL
EXPENDITURES:								
Design		\$20,000	\$20,000	\$20,000	\$20,000	\$20,000	\$20,000	\$120,000
Management		100,000	100,000	100,000	100,000	100,000	100,000	600,000
Equipment								0
Construction								0
TOTAL		\$120,000	\$120,000	\$120,000	\$120,000	\$120,000	\$120,000	\$720,000

FUNDING:

Current Rev.		\$120,000	\$120,000	\$120,000	\$120,000	\$120,000	\$120,000	\$720,000
Seg. Funds	120,000							120,000
Borrow								
Federal								
State								
Other								
TOTAL	\$120,000	\$120,000	\$120,000	\$120,000	\$120,000	\$120,000	\$120,000	\$840,000

OPERATING BUDGET IMPACT:

Personnel								
Non-Personnel								
Capital								
TOTAL								



CITY OF BERLIN, NH
2017 - 2022 CIP Project Description

GENERAL PROJECT DATA:		MASTER PLAN INFORMATION: Project listed in MP? NO	PROJECT NEED	PROJECT SCHEDULE	FY17				FY18				FY19				FY20				FY21				FY22			
Project Name: <u>Replace 2 Septic Pumps</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: Primary Pump Room			Council Goal																									
			Dept. Goal		x																							

PROJECT DESCRIPTION, RATIONALE & OPERATING BUDGET IMPACT

DESCRIPTION

Replace 2 existing WEMCO Centrifugal Sludge Pumps with new WEMCO design Chopper Pump.

RATIONALE:

Original Pumps are worn out and need to be rebuilt/replaced; rags and coarse material are a big problem throughout our system, fouling pumps and valves, attaching to cables. The recommended Pumps are designed to address this problem.

PRIORITY IN RELATION TO OTHER PROJECTS

HIGH ☒

MEDIUM ☐

LOW ☐

OPERATING BUDGET IMPACT

Higher horsepower motor will use more Power. There will be far fewer pump blockage problems downstream. We will be able to more fully automate their operation based on level.

FINANCIAL PLAN								
	PRIOR	FY17	FY18	FY19	FY20	FY21	FY22	TOTAL
EXPENDITURES								
Design								
Management	\$ 2,500							\$ 2,500
Equipment	\$ 30,000	\$ 30,000						\$ 60,000
Construction	\$ 7,500	\$ 7,500						\$ 15,000
TOTAL	\$40,000	\$37,500						\$77,500
FUNDING								
Current Rev.	\$1,109,185	\$ (37,500)						\$1,071,685
Seg. Funds	5,202,913							5,202,913
Borrow								
Federal								
State								
Other								
TOTAL	\$6,312,098	(\$37,500)						\$6,274,598
OPERATING BUDGET IMPACT								
Personnel	(\$2,000)	(\$2,000)	(\$1,900)	(\$1,800)	(\$1,700)	(\$1,600)	(\$1,500)	(\$12,500)
Non-Personnel	150	150	1,500	150	150	1,500	150	3,750
Capital								
TOTAL	(\$1,850)	(\$1,850)	(\$400)	(\$1,650)	(\$1,550)	(\$100)	(\$1,350)	(\$8,750)



CITY OF BERLIN, NH
2017 - 2022 CIP Project Description

GENERAL PROJECT DATA:		MASTER PLAN INFORMATION: Project listed in MP? NO	PROJECT NEED	PROJECT SCHEDULE	FY17				FY18				FY19				FY20				FY21				FY22			
Project Name:	Replace WAS Pumps				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 Room Basement		Council Goal																									
			Dept. Goal					x																				

PROJECT DESCRIPTION, RATIONALE & OPERATING BUDGET IMPACT

DESCRIPTION

Replace Centrifugal Pumps with self-priming Pumps or Positive Displacement Pumps of sufficient capacity

RATIONALE

These Pumps perform 2 functions: to drain and dewater our Process Tanks and to deliver Sludge from the WAS Storage tanks to feed the Rotary Drum Thickener a fixed and continuous flow. They cannot self-prime to pull the Sludge up from the WAS Tanks and they cannot dewater the WAS Tanks with an adequate flow to make them useful.

OPERATING BUDGET IMPACT

The Project built two 50,000 gallon Storage Tanks with Blowers and Air Diffusers to keep WAS fresh and we have not been able to use them from the start. Process Design called for these Tanks to store excess Sludge, ie, to waste Sludge in a controlled way 7-days a week (which we have not been able to do). These Pumps would do that.

PRIORITY IN RELATION TO OTHER PROJECTS

HIGH ☒

MEDIUM ☐

LOW ☐

FINANCIAL PLAN								
	PRIOR	FY17	FY18	FY19	FY20	FY21	FY22	TOTAL
EXPENDITURES								
Design	\$ 1,000							\$ 1,000
Management		\$ 2,000						\$ 2,000
Equipment		\$ 80,000						\$ 80,000
Construction		\$ 10,000						\$ 10,000
TOTAL	\$ 1,000	\$ 92,000						\$ 93,000
FUNDING								
Current Rev.	\$ 1,109,185	\$ (92,000)						\$ 1,017,185
Seg. Funds	\$ 5,202,913							\$ 5,202,913
Borrow								\$ -
Federal								\$ -
State								\$ -
Other								\$ -
TOTAL	\$ 6,312,098	\$ (92,000)						\$ 6,220,098
OPERATING BUDGET IMPACT								
Personnel								
Non-Personnel								
Capital								
TOTAL								



CITY OF BERLIN, NH
2017 - 2022 CIP Project Description

GENERAL PROJECT DATA:			MASTER PLAN INFORMATION:		PROJECT NEED	PROJECT SCHEDULE	FY17	FY18	FY19	FY20	FY21	FY22
Project Name: <u>Rebuild Pump Impeller</u>			Project listed in MP?				1 2 3 4	1 2 3 4	1 2 3 4	1 2 3 4	1 2 3 4	1 2 3 4
Department: Waste Water Treatment			NO		Mandate							
Location: Pump Room Basement					Council Goal							
					Dept. Goal		x					

PROJECT DESCRIPTION, RATIONALE & OPERATING BUDGET IMPACT

DESCRIPTION:

Rebuild raw sewage pump including a new design impeller

PRIORITY IN RELATION TO OTHER PROJECTS

HIGH ☐

MEDIUM ☐

LOW ☒

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-top 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 are erratic while regaining control of the Equipment.

OPERATING BUDGET IMPACT:

Reduced kW loading with reduced frequency of Start cycles, and more uniform tighter Process Control.

FINANCIAL PLAN								
	PRIOR	FY17	FY18	FY19	FY20	FY21	FY22	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	\$ 1,109,185	\$ (3,000)	\$ (37,000)					\$ 1,069,185
Segregated Funds	\$ 5,202,913							\$ 5,202,913
Borrow								
Federal								
State								
Other								
TOTAL	\$ 6,312,098	\$ (3,000)	\$ (37,000)					\$ 6,272,098
OPERATING BUDGET IMPACT								
Personnel								
Non-Personnel								
Capital								
TOTAL								

(MAP OR PLAN OF PROJECT OR BOTH)

CITY OF BERLIN, NH
2017 - 2022 CIP Project Description

GENERAL PROJECT DATA:		MASTER PLAN INFORMATION: Project listed in MP?	PROJECT NEED		PROJECT SCHEDULE	FY17				FY18				FY19				FY20				FY21				FY22			
Project Name: <u>Long Term CSO Control Plan</u>						1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4				
Department: Pollution Control Facility			No		Mandate	x																							
Location: Watson Street Pump Station																													
					Dept. Goal		x	x x x x				x x x x				x x x x				x x x x									

PROJECT DESCRIPTION, RATIONALE & OPERATING BUDGET IMPACT

DESCRIPTION: Develop Long-Term CSO Control Plan and Implement it so CSO Discharge is in compliance with Permit and new Administrative Order #011-004

PRIORITY IN RELATION TO OTHER PROJECTS

HIGH ☒

MEDIUM ☐

LOW ☐

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

Numerous violations of our NPDES Permit occur at this Discharge Point most years: we must mitigate the number of these violations or risk penalty assessments from USEPA. All these violations are for the release of untreated wastewater with total Escherichia Coli counts greater than 1000 colonies per 100 mL.

OPERATING BUDGET IMPACT:

Inspections of the Sewerage Collection System must occur and more maintenance of the sewer infrastructure will be required; also, disinfection much be provided and controlled when a discharge occurs; these will impact Operating, Labor and Capital costs.

FINANCIAL PLAN								
	PRIOR	FY17	FY18	FY19	FY20	FY21	FY22	Total
EXPENDITURES:								
Pre-Design	\$1,000							\$1,000
Design	10,000		5,000		5,000		5,000	25,000
Purch/Const.		50,000	350,000	350,000	350,000	350,000	350,000	1,800,000
TOTAL	\$11,000	\$50,000	\$355,000	\$350,000	\$355,000	\$350,000	\$355,000	\$1,826,000
FUNDING:								
Current Rev.	\$10,000	\$50,000	\$355,000	\$350,000	\$355,000	\$350,000	\$355,000	\$1,825,000
Seg. Funds								
Borrow								
Federal								
State								
Other								0
TOTAL	\$10,000	\$50,000	\$355,000	\$350,000	\$355,000	\$350,000	\$355,000	\$1,825,000
OPERATING BUDGET IMPACT:								
Personnel		\$3,120	\$3,120	\$5,000	\$3,120	\$3,120	\$3,120	\$20,600
Non-Personnel			5,000		5,000		7,500	17,500
Capital		50,000	300,000	300,000	300,000	300,000	300,000	1,550,000
TOTAL		\$53,120	\$308,120	\$305,000	\$308,120	\$303,120	\$310,620	\$1,588,100



CITY OF BERLIN, NH
2017 - 2022 CIP Project Description

GENERAL PROJECT DATA:		MASTER PLAN INFORMATION: Project listed in MP? NO	PROJECT NEED	PROJECT SCHEDULE	FY17				FY18				FY19				FY20				FY21				FY22			
Project Name:	Replace Cover/Domes of 2 Thickeners with new ones				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 Room Basement		Council Goal																									
			Dept. Goal					x																				

PROJECT DESCRIPTION, RATIONALE & OPERATING BUDGET IMPACT

DESCRIPTION

Replace original cover structures with new 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. 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								
		FY17	FY18	FY19	FY20	FY21	FY22	TOTAL
EXPENDITURES								
Design	\$ 1,000							\$ 1,000
Management	\$ 1,000							\$ 1,000
Equipment	\$ 85,000							\$ 85,000
Construction	\$ 10,000							\$ 10,000
TOTAL	\$ 2,000	\$ 95,000						\$ 97,000
FUNDING								
Current Rev.	\$ 1,109,185	\$ (95,000)						\$ 1,014,185
Seg. Funds	\$ 5,202,913							\$ 5,202,913
Borrow								
Federal								
State								
Other								
TOTAL	\$ 6,312,098	\$ (95,000)						\$ 6,217,098
OPERATING BUDGET IMPACT								
Personnel								
Non-Personnel								
Capital								
TOTAL								



CITY OF BERLIN, NH
2017 - 2022 CIP Project Description

GENERAL PROJECT DATA:		MASTER PLAN INFORMATION: Project listed in MP? NO	PROJECT NEED	PROJECT SCHEDULE	FY17	FY18	FY19	FY20	FY21	FY22
Project Name:	<u>Modernize Alarm system at Pump Stations</u>				1 2 3 4	1 2 3 4	1 2 3 4	1 2 3 4	1 2 3 4	1 2 3 4
Department:	Waste Water Treatment		Mandate							
Location:	Pump Station Control Panels		Council Goal							
			Dept. Goal		x					

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	FY17	FY18	FY19	FY20	FY21	FY22	TOTAL
EXPENDITURES								
Design		\$ 1,500						\$ 1,500
Management								\$ -
Equipment			\$ 30,000					\$ 30,000
Construction			\$ 10,000					\$ 10,000
TOTAL		\$ 1,500	\$ 40,000					\$ 41,500
FUNDING								
Current Revenue	\$ 1,109,185	\$ (1,500)	\$ (40,000)					\$ 1,067,685
Segregated Funds	\$ 5,202,913							\$ 5,202,913
Borrow								
Federal								
State								
Other								
TOTAL	\$ 6,312,098	\$ (1,500)	\$ (40,000)					\$ 6,270,598
OPERATING BUDGET IMPACT								
Personnel								
Non-Personnel								
Capital								
TOTAL								

(MAP OR PLAN OF PROJECT OR BOTH)

CITY OF BERLIN, NH
2017 - 2022 CIP Project Description

GENERAL PROJECT DATA:		MASTER PLAN INFORMATION: Project listed in MP? NO	PROJECT NEED	PROJECT SCHEDULE	FY17	FY18	FY19	FY20	FY21	FY22
Project Name: <u>Install (UPS) Uninterruptible Power Supply for RAS Box</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: Treatment Plant			Council Goal							
			Dept. Goal	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.

PRIORITY IN RELATION TO OTHER PROJECTS

HIGH ☒

MEDIUM ☐

LOW ☐

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 minimized. Operators could concentrate on finding and fixing the problem and re-establishing power back to the Plant

FINANCIAL PLAN

	PRIOR	FY17	FY18	FY19	FY20	FY21	FY22	TOTAL
EXPENDITURES								
Design	\$ 1,000							\$ 1,000
Management		\$ 1,000						\$ 1,000
Equipment		\$ 30,000						\$ 30,000
Construction		\$ 5,000						\$ 5,000
TOTAL	\$ 1,000	\$ 36,000						\$ 37,000
FUNDING								
Current Rev.	\$ 1,109,185	\$ (36,000)						\$ (37,000)
Seg. Funds	\$ 5,202,913							\$ 5,202,913
Borrow								
Federal								
State								
Other								
TOTAL	\$ 6,312,098	\$ (36,000)						\$ 6,276,098
OPERATING BUDGET IMPACT								
Personnel								
Non-Personnel								
Capital								
TOTAL								



CITY OF BERLIN, NH
2017 - 2022 CIP Project Description

GENERAL PROJECT DATA:			MASTER PLAN INFORMATION:		PROJECT NEED		PROJECT SCHEDULE		FY17		FY18		FY19		FY20		FY21		FY22	
Project Name: <u>New Airline to Grit Chambers</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: Waste Water Treatment			NO																	
Location: Treatment Plant					Council Goal															
					Dept. Goal		x													

PROJECT DESCRIPTION, RATIONALE & OPERATING BUDGET IMPACT

DESCRIPTION

Cut in 6" Schedule 20 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.

PRIORITY IN RELATION TO OTHER PROJECTS

HIGH ☐

MEDIUM ☐

LOW ☒

RATIONALE

Cut in 6" Schedule 20 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.

OPERATING BUDGET IMPACT

Cut in 6" Schedule 20 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.

FINANCIAL PLAN								
	PRIOR	FY17	FY18	FY19	FY20	FY21	FY22	TOTAL
EXPENDITURES								
Design	\$ 2,500							\$ 2,500
Management		\$ 2,500						\$ 2,500
Equipment		\$ 10,000						\$ 10,000
Construction		\$ 15,000						\$ 15,000
TOTAL	\$ 2,500	\$ 27,500						\$ 30,000
FUNDING								
Current Rev.	\$ 1,109,185	\$ (27,500)						\$ 1,081,685
Seg. Funds	\$ 5,202,913							\$ 5,202,913
Borrow								
Federal								
State								
Other								
TOTAL	\$ 6,312,098	\$ (27,500)						\$ 6,284,598
OPERATING BUDGET IMPACT								
Personnel								
Non-Personnel								
Capital								
TOTAL								

(MAP OR PLAN OF PROJECT OR BOTH)

CITY OF BERLIN, NH
2017 - 2022 CIP Project Description

GENERAL PROJECT DATA:		MASTER PLAN INFORMATION: Project listed in MP? NO	PROJECT NEED	PROJECT SCHEDULE	FY17	FY18	FY19	FY20	FY21	FY22
Project Name:	<u>Fill Drainage Ditch by Effluent Discharge over New Culvert & Bring to Grade</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:	Treatment Plant		Council Goal							
			Dept. Goal	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 time maintaining Lawn and removing snow. Ease of access for maintenance to use big equipment on the Chlorine Contact Tanks.

PRIORITY IN RELATION TO OTHER PROJECTS

HIGH ☐

MEDIUM ☐

LOW ☒

FINANCIAL PLAN

	PRIOR	FY17	FY18	FY19	FY20	FY21	FY22	TOTAL
EXPENDITURES								
Design								\$ -
Management			\$ 1,000					\$ 1,000
Equipment			\$ 5,000					\$ 5,000
Construction			\$ 25,000					\$ 25,000
TOTAL			\$ 31,000					\$ 31,000
FUNDING								
Current Revenue	\$ 1,109,185		\$ (31,000)					\$ 1,078,185
Segregated Funds	\$ 5,202,913							\$ 5,202,913
Borrow								
Federal								
State								
Other								
TOTAL	\$ 6,312,098		\$ (31,000)					\$ 6,281,098
OPERATING BUDGET IMPACT								
Personnel								
Non-Personnel								
Capital								
TOTAL								



CITY OF BERLIN, NH
2017 - 2022 CIP Project Description

GENERAL PROJECT DATA:		MASTER PLAN INFORMATION: Project listed in MP? NO	PROJECT NEED	PROJECT SCHEDULE	FY17	FY18	FY19	FY20	FY21	FY22
Project Name:	<u>Replace Kubota Tractor with new Equipment and Attachments</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:	Treatment Plant		Council Goal							
			Dept. Goal		x					

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, we realize now we need more capacity to move snow out of the way, and there are many new attachments we could use with the modern quick-disconnect fittings.

PRIORITY IN RELATION TO OTHER PROJECTS

HIGH ☐

MEDIUM ☐

LOW ☒

OPERATING BUDGET IMPACT

FINANCIAL PLAN

	PRIOR	FY17	FY18	FY19	FY20	FY21	FY22	TOTAL
EXPENDITURES								
Design	\$ 250							\$ 250
Management								\$ -
Equipment		\$ 100,000						\$ 100,000
Construction								\$ -
TOTAL	\$ 250	\$ 100,000						\$ 100,250
FUNDING								
Current Revenue	\$ 1,109,185	\$ (100,000)						\$ 1,009,185
Segregated Funds	\$ 5,202,913							\$ 5,202,913
Borrow								
Federal								
State								
Other								
TOTAL	\$ 6,312,098	\$ (100,000)						\$ 6,212,098
OPERATING BUDGET IMPACT								
Personnel								
Non-Personnel								
Capital								
TOTAL								

(MAP OR PLAN OF PROJECT OR BOTH)

CITY OF BERLIN, NH
2017 - 2022 CIP Project Description

GENERAL PROJECT DATA:		MASTER PLAN INFORMATION: Project listed in MP? NO	PROJECT NEED		PROJECT SCHEDULE				FY17				FY18				FY19				FY20				FY21				FY22			
Project Name: <u>Replace Pumps & Control Panel</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: Main Plant			Council Goal																													
			Dept. Goal		x																											

PROJECT DESCRIPTION, RATIONALE & OPERATING BUDGET IMPACT

DESCRIPTION

Upgrade Pump Station, starting with Pumps (buy new, then rebuild old ones, one at a time), then modernize Control Station.

RATIONALE

Station remains as originally built in early 1980's with loss of many local customers, but we've added the Dummer Yard Leachate flow here in 2007. Any growth or development on the old Mill site would logically be directed here as being nearest to the City Sewer System. Also Control Panel is very different from modern ones making replacement parts difficult to bring in.

OPERATING BUDGET IMPACT

No major impact; minor impacts in reduction of nuisance alarms and routine maintenance

PRIORITY IN RELATION TO OTHER PROJECTS

HIGH ☐

MEDIUM ☒

LOW ☐

FINANCIAL PLAN

	PRIOR	FY17	FY18	FY19	FY20	FY21	FY22	TOTAL
EXPENDITURES								
Design			\$ 2,000					\$ 2,000
Management				\$ 2,000				\$ 2,000
Equipment			\$ 80,000					\$ 80,000
Construction			\$ 20,000					\$ 20,000
TOTAL			\$ 2,000	\$ 102,000				\$ 104,000
FUNDING								
Current Revenue	\$ 1,109,185		\$ (2,000)	\$ (102,000)				\$ 1,005,185
Segregated Funds	\$ 5,202,913							\$ 5,202,913
Borrow								
Federal								
State								
Other								
TOTAL	\$ 6,312,098		\$ (2,000)	\$ (102,000)				\$ 6,208,098
OPERATING BUDGET IMPACT								
Personnel								
Non-Personnel								
Capital								
TOTAL								



CITY OF BERLIN, NH
2017 - 2022 CIP Project Description

GENERAL PROJECT DATA:			MASTER PLAN INFORMATION: Project listed in MP?	PROJECT NEED		PROJECT SCHEDULE				FY17				FY18				FY19				FY20				FY21				FY22			
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 Name: AV Fuel Storage System
beacon line clearing

Department: Berlin Regional Airport
 Location: 800 East Side River Road, Milan

Project listed in MP?

Mandate
 Council Goal
 Dept. Goal

X X X X

PROJECT DESCRIPTION, RATIONALE & OPERATING BUDGET IMPACT

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

PRIORITY IN RELATION TO OTHER PROJECTS

HIGH ☐

MEDIUM ☒

LOW ☐

RATIONALE:

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

OPERATING BUDGET IMPACT:

FINANCIAL PLAN

	PRIOR	FY17	FY18	FY19	FY20	FY21	FY22	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
2017 - 2022 CIP Project Description

GENERAL PROJECT DATA:		MASTER PLAN INFORMATION: Project listed in MP?	PROJECT NEED	PROJECT SCHEDULE	FY17				FY18				FY19				FY20				FY21				FY22			
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										X															
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 Hanagar Alley

PRIORITY IN RELATION TO OTHER PROJECTS

HIGH ☐

MEDIUM ☐

LOW ☐

RATIONALE:

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

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

OPERATING BUDGET IMPACT:

5% of total project cost

FINANCIAL PLAN

	PRIOR	FY17	FY18	FY19	FY20	FY21	FY22	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
2017 - 2022 CIP Project Description

GENERAL PROJECT DATA:			MASTER PLAN INFORMATION: Project listed in MP?	PROJECT NEED		PROJECT SCHEDULE				FY17				FY18				FY19				FY20				FY21				FY22			
Project Name: <u>Wildlife Hazard Assessment</u>										1 2 3 4				1 2 3 4				1 2 3 4				1 2 3 4				1 2 3 4				1 2 3 4			
Department: Berlin Regional Airport				Mandate		X																		X									
Location:				Council Goal																													
				Dept. Goal																													

PROJECT DESCRIPTION, RATIONALE & OPERATING BUDGET IMPACT

DESCRIPTION: 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.

OPERATING BUDGET IMPACT:

FINANCIAL PLAN

	PRIOR	FY17	FY18	FY19	FY20	FY21	FY22	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
2017 - 2022 CIP Project Description

GENERAL PROJECT DATA:			MASTER PLAN INFORMATION: Project listed in MP?	PROJECT NEED	PROJECT SCHEDULE	FY17				FY18				FY19				FY20				FY21				FY22			
Project Name: <u>Ramp Expansion & Hangar Alley Rehab.</u>						1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4
Department: Berlin Regional Airport				Mandate																						X X X X			
Location:				Council Goal																									
				Dept. Goal	X																								

PROJECT DESCRIPTION, RATIONALE & OPERATING BUDGET IMPACT

DESCRIPTION:

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

This project would include the area east of Hangar Alley

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

This is a 2 year project.

RATIONALE:

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

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

PRIORITY IN RELATION TO OTHER PROJECTS

HIGH ☐

MEDIUM ☐

LOW ☒

OPERATING BUDGET IMPACT:

FINANCIAL PLAN

	PRIOR	FY17	FY18	FY19	FY20	FY21	FY22	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
2017 - 2022 CIP Project Description

GENERAL PROJECT DATA:		MASTER PLAN INFORMATION: Project listed in MP?	PROJECT NEED	PROJECT SCHEDULE	FY17				FY18				FY19				FY20				FY21				FY22			
Project Name:	Hazard Beacon Line Clearing & Replacement of HVAC in Terminal Building				1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4
Department:	Berlin Regional Airport		Mandate		X X																							
Location:	800 East Side River Road, Milan		Council Goal																									
			Dept. Goal	X																								

PROJECT DESCRIPTION, RATIONALE & OPERATING BUDGET IMPACT

DESCRIPTION: Remove brush and trees from the beacon line right-of-way lines to ensure access and proper operation of the hazard beacons. This project has a projected start up in 2015.
To clear all 6 hazard beacon lines will require a multi year project. The 2 worst 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. The Terminal Building HVAC system has reached the end of it's useful life and must be replaced before major failure occurs.

OPERATING BUDGET IMPACT: The hazard clearing part of the project should be 5% of the project cost while the replacement of HVAC on the Terminal Building could be 50% of the system replacement because the FAA / STATE will only fund areas in the terminal building that are open to the public.

This figure reflects 50% local share of the HVAC portion of the project.

FINANCIAL PLAN

	PRIOR	FY17	FY18	FY19	FY20	FY21	FY22	TOTAL
EXPENDITURES:								
Pre-Design								
Design		100,000						100,000
Purch/Const.		150,000	100,000					250,000
TOTAL		\$250,000	\$100,000					\$350,000
FUNDING:								
Current Rev.		\$30,000	\$5,000					\$35,000
Seg. Funds								
Borrow								
Federal		\$210,000	\$90,000					300,000
State		10,000	5,000					15,000
Other								
TOTAL		\$250,000	\$100,000					\$350,000
OPERATING BUDGET IMPACT:								
Personnel								
Non-Personnel								
Capital								
TOTAL								

