



2016-2021 Capital Improvement Plan



City of Berlin, NH
City Manager's Office



Date: January 5, 2015
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 2016 through 2021 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.

Budget Goals

The CIP is an opportunity to think about and debate the future with respect to City capital spending as well as the City's capacity for overall spending (as well as lack thereof). It is a very a vehicle by which the City Council can begin to say this is where we want the City to be headed financially in the future.

The Mayor and Council have been setting budget goals for several years. This has greatly helped to focus the budgeting process for all Departments. Below are the areas in which budget goals were set last year and this is provided as a base for use by the Council for this year:

City of Berlin **Possible Budgeting Goals**

1. For the next three years, the City will limit General Fund increases at or below the rate of inflation. This coming year this will not exceed ____% per year. Every Department of the City is expected to budget within this goal. It must be kept in mind that this is likely to require property tax rate increases of approximately twice this percentage unless other existing revenues are increased or new outside revenues are found.
2. Non-bonded capital spending and debt service together will be held at no less than ____% of the General Fund annual operating budget. A rule of thumb for this item is 15%. *Currently, this figure is at about 5.8% of the AOB. If we were able to fund all of the projects identified for FY16 we would be investing approximately at the 25% level which significantly exceeds the rule of thumb level.*
3. General Fund Undesignated Fund Balance (UFB) will be increased to and maintained at approximately ____% of the General Fund Annual Operating Budget. DRA and the GFOA recommend anywhere from 5% to 17%). *This past year the Council set this goal at 5%.*
4. Non-property tax revenue will continuously be reviewed for appropriate increases and new potential non-property tax revenue sources must be continuously sought.
5. The City will promote property tax base expansion in keeping with its Master Plan.

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								
2016-2021 Capital Improvement Program								
FY 2016 Projects								
Project #	DEPT	PROJECT TITLE	CITY	STATE	FEDERAL	BORROW	OTHER	TOTAL FUNDING
GENERAL FUND								
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		568,862.00				568,862
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-12	FIRE	Fire Prevention Vehicle	41,000					41,000
GF-13	FIRE	Fire Dept Addition	450,000					450,000
GF-14	FIRE	Fire Dept Ladder One Lease Purchase	20,000					20,000
GF-15	FIRE	Staff Utility Truck Replacement	41,000					41,000
GF-16	FIRE	Engine 4 Replacement	100,184					100,184
GF-17	POLICE	Portable Monitoring System	15,000					15,000
GF-18	POLICE	Police Cruisers	63,300					63,300
GF-18a	POLICE	Utility Trailer Vehicle	17,000					17,000
GF-19	POLICE	Department Phone System	20,000					20,000
GF-22	POLICE	Leather Gear	9,000					9,000
GF-23	POLICE	Phone Recording Sytem	13,600					13,600
GF-26	POLICE	Radio Consoles	44,500					44,500
GF-52	POLICE	Replacment Windows	13,200					13,200
GF-53	POLICE	Third Floor Renovations	20,643					20,643
GF-54	POLICE	Network Equipment & IT Services	23,420					23,420
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	50,000					50,000
GF-31	PWD	Loader Lease Purchase				30,000		30,000
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-36	SCHOOL	Bus Replacement	90,000					90,000
GF-37	SCHOOL	Roof Replacement	126,500					126,500
GF-40	SCHOOL	Fire Alarm System Replacement	38,000					38,000
GF-43	SCHOOL	BHS Road Development	175,000					175,000
GF-48	SCHOOL	Masonry & Brick Repointing	52,703					52,703
GF-51	HOUSING	Housing Initiative	500,000					500,000
GF-59	CITY HALL	City Hall Elevator	15,000					15,000
GF-60	PLANNING	Downtown Initiative	65,000					65,000
GF-61	PLANNING	IT	70,000					70,000
		Total General Fund	3,561,550	568,862	748,000	1,530,000		6,408,412
SEWER FUND			CITY	STATE	FEDERAL	BORROW	OTHER	TOTAL
SF-1	WWTP	Cost Replacement	50,000					50,000
SF-2	WWTP	Utility Mapping	10,000					10,000
SF-3	WWTP	Sanitary Line Replacement	120,000					120,000
SF-4	WWTP	Septage Unloading Facility	35,000					35,000
SF-5	WWTP	VAC Truck Lease Purchase	70,000					70,000
SF-6	WWTP	Masts & Light Fixtures	42,500					42,500
SF-7	WWTP	Long Term CSO Plan	100,000					100,000
SF-8	WWTP	Replace Covers w/Domes	250,000					250,000
SF-9	WWTP	Replace Boiler Chimney	17,500					17,500
SF-10	WWTP	Backup Power for Pinch Valves	2,500					2,500
SF-11	WWTP	Metal Covers for Chlorine Tanks	2,500					2,500
		Total Sewer Fund	700,000					700,000
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 2015			4,291,550	568,862	958,000	1,530,000	0	7,358,412

CITY OF BERLIN								
2016-2021 Capital Improvement Program								
FY 2017 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				2200000		2,200,000
GF-10	FIRE	Fire Alarm System Maintenance	10,000					10,000
GF-11	FIRE	FD Repair Program	10,000					10,000
GF-14	FIRE	Lease/Purchase Ladder 1	200,000					200,000
GF-16	FIRE	Engine Four Replacement	100,184					100,184
GF-18	POLICE	Cruisers	65,800					65,800
GF-20	POLICE	New Police Facility	400,000			3,600,000		4,000,000
GF-22	POLICE	Leather Gear	9,000					9,000
GF-54	POLICE	Network Equipment & IT Service	23,470					23,470
GF-55	POLICE	Paved Parking Area	37,500					37,500
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-30	PWD	Replace Fuel Distribution System	50,000					50,000
GF-31	PWD	Loader Lease/Purchase	60,000					60,000
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-36	SCHOOL	Bus Replacement	95,000					95,000
GF-37	SCHOOL	Roof Replacement BMS, BHS, Brown	126,500					126,500
GF-38	SCHOOL	BMS Gym Floor/Track	120,000					120,000
GF-42	SCHOOL	GYM Improvements	96,000					96,000
GF-43	SCHOOL	BHS Road Development	250,000					250,000
GF-51	HOUSING	Housing Initiative	300,000					300,000
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
		Total General Fund	3,417,454			5,800,000		9,217,454
SEWER FUND:								
SF-1	WWTP	Cost Replacement	50,000					50,000
SF-2	WWTP	Utility Mapping	10,000					10,000
SF-3	WWTP	Sanitary Line Replacement	120,000					120,000
SF-4	WWTP	Septage Unloading Facility	600,000					600,000
SF-5	WWTP	Vac Truck Lease/Purchase	70,000					70,000
SF-7	WWTP	Long Term CSO Plan	335,000					335,000
SF-8	WWTP	Replace Covers w/Domes	175,000					175,000
SF-10	WWTP	Backup Power for Pinch Valves	12,500					12,500
SF-11	WWTP	Metal Covers for Chlorine Tanks	25,000					25,000
		Total Sewer Fund	1,397,500					1,397,500
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 2016	4,814,954	29,737	485,792	5,800,000		11,160,220

CITY OF BERLIN							
2016-2021 Capital Improvement Program							
FY 2018 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-10	FIRE	Fire Alarm System Maintenance	10,000				10,000
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	100,184				100,184
GF-18	POLICE	Cruisers	68,400				68,400
GF-21	POLICE	Cruiser Laptop Computers	17,071				17,071
GF-54	POLICE	Network Equipment & IT Services	23,470				23,470
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-30	PWD	Replace Fuel Distribution System	50,000				50,000
GF-31	PWD	Loader Lease/Purchase	90,000				90,000
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-37	SCHOOLS	BMS, BHS Brown Roof Replacement	126,500				126,500
GF-46	SCHOOLS	Bus Garage Construction	350,000				350,000
GF-47	SCHOOLS	Hillside/BMS Cafeteria Floor	85,000				85,000
GF-49	SCHOOL	BHS Classroom Floors & Asbestos	85,000				85,000
GF-51	HOUSING	Housing Initiative	200,000				200,000
GF-59	CITY HALL	City Hall Elevator	15,000				15,000
GF-61	PLANNING	IT Initiative	40,000				40,000
		Total General Fund	7,556,075		91,884		7,647,959
SEWER FUND:							
SF-1	WWTP	Cost Replacement	50,000				50,000
SF-2	WWTP	Utility Mapping	10,000				10,000
SF-3	WWTP	Sanitary Line Replacement	120,000				120,000
SF-4	WWTP	Modern Septage Unloading Facility	200,000				200,000
SF-5	WWTP	Vac Truck Lease Purchase	70,000				70,000
SF-7	WWTP	Long Term CSO Plan	350,000				350,000
			800,000				800,000
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 2017	8,372,464	16,389	379,106	0	8,767,959

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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-10	FIRE	Fire Alarm System Maintenance	10,000				10,000
GF-14	FIRE	Lease Purchase Ladder One	200,000				200,000
GF-16	FIRE	Engine Four Replacement	100,184				100,184
GF-18	POLICE	Cruisers	71,100				71,100
GF-21	POLICE	Cruiser Laptop Computers	17,072				17,072
GF-25	POLICE	Ballistic Vests	9,215				9,215
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-30	PWD	Replace Fuel Distribution System	50,000				50,000
GF-31	PWD	Loader Lease/Purchase	120,000				120,000
GF-34	RECREATION	Equipment Replacement	35,000				35,000
GF-35	RECREATION	Building Repairs	25,000				25,000
GF-36	SCHOOL	Bus Replacement	95,000				95,000
GF-37	SCHOOL	Roof Replacement BMS, BHS Brown	126,500				126,500
GF-39	SCHOOL	BHS Science Labr	1,300,000				1,300,000
GF-45	SCHOOL	BHS Lecture Hall	85,000				85,000
GF-51	HOUSING	Housing Initiative	200,000				200,000
GF-59	CITY HALL	City Hall Elevator	15,000				15,000
GF-61	PLANNING	IT Initiative	10,000				10,000
		Total General Fund	3,688,071				3,688,071
SEWER FUND							
SF-1	WWTP	Cost Replacement	50,000				50,000
SF-2	WWTP	Utility Mapping	5,000				5,000
SF-3	WWTP	Sanitary Line Replacement	120,000				120,000
SF-5	WWTP	Vac Truck Lease Purchase	70,000				70,000
SF-7	WWTP	Long Term CSO Plan	355,000				355,000
		Total Sewer Fund	600,000				600,000
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 2018	4,338,071	50,000	1,000,000		5,388,071

CITY OF BERLIN							
2016-2021 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-58	ENGINEERING	Snowmobile Trails	15,000				15,000
GF-9	FIRE	Firefighter Protective Clothing	5,958	53,620			59,578
GF-14	FIRE	Lease Purchase Ladder One	200,000				200,000
GF-16	FIRE	Engine Four Replacement	100,184				100,184
GF-18	POLICE	Police Cruisers	73,900				73,900
GF-24	POLICE	Radios	48,100				48,100
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-30	PWD	Replace Fuel Distribution System	50,000				50,000
GF-31	PWD	Loader Lease Purchase	120,000				120,000
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-41	SCHOOL	BMS Main Entrance	1,000,000				1,000,000
GF-51	HOUSING	Housing Initiative	200,000				200,000
GF-59	CITY HALL	Elevator Replacement	15,000				15,000
GF-61	PLANNING	IT Initiative	15,000				15,000
		Total General Fund	3,182,142	248,620		705,000	4,135,762
SEWER FUND							
SF-1	WWTP	Cost Replacement	50,000				50,000
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	525,000				525,000
AIRPORT FUND							
		Grand Total for FY 2019	3,707,142	248,620		705,000	4,660,762

CITY OF BERLIN								
2016-2021 Capital Improvement Program								
FY 2021 Projects								
Project #	DEPT	PROJECT TITLE	CITY	STATE	FEDERAL	BORROW	OTHER	TOTAL FUNDING
GENERAL FUND								
GF-1	ASSESSING	Assessing Contract & Utility Reval	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-57	ENGINEERING	Route 110 Sewer Extension	2,700,000					2,700,000
GF-58	ENGINEERING	Snowmobile Trails	300,000					300,000
GF-16	FIRE	Engine Four Replacement	100,184					100,184
GF-18	POLICE	Police Cruisers	76,900					76,900
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-30	PWD	Fuel Distribution System	50,000					50,000
GF-31	PWD	Loader Lease Purchase	120,000					120,000
GF-33	ENGINEERING	Dead River Channel/Moxie Alley					3,000,000	3,000,000
GF-35	RECREATION	Building Repairs	27,500					27,500
GF-44	SCHOOL	Hillside Main Entrance Security	500,000					500,000
GF-50	SCHOOL	Hillside & Brown Bathroom Reno	90,000					90,000
GF-51	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
		Total General Fund	5,550,584				3,000,000	8,550,584
SEWER FUND								
SF-1	WWTP	Cost Replacement	50,000					50,000
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	530,000					530,000
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	6,085,584	5,000	90,000		3,000,000	9,180,584

CITY OF BERLIN, NH
2016 - 2021 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	FY16	FY17	FY18	FY19	FY20	FY21
				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	FY16	FY17	FY18	FY19	FY20	FY21	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																																			
2016 - 2021 CIP Project Description																																			
GENERAL PROJECT DATA: Project Name: Sidewalk Replacement Department: Engineering Location: various				MASTER PLAN INFORMATION: Project listed in MP?				PROJECT NEED		PROJECT SCHEDULE		FY16				FY17				FY18				FY19				FY20				FY21			
								Mandate																											
								Council Goal																											
								Dept. Goal		x		x				x				x				x				x							

DESCRIPTION:				PRIORITY IN RELATION TO OTHER PROJECTS	
A large number of City sidewalks are in dire need of replacement					
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 a street scene on Champlain Street. A stone retaining wall runs along the left side of the road, with some vegetation growing at its base. A concrete sidewalk runs parallel to the wall, and a paved road surface is visible in the foreground. The right photograph shows a street scene on Willard Street. A light blue house with a white porch and stairs is visible on the right side of the road. A concrete sidewalk runs along the house, and a paved road surface is visible in the foreground.

CITY OF BERLIN, NH
2016 - 2021 CIP Project Description

GENERAL PROJECT DATA:		MASTER PLAN INFORMATION: Project listed in MP?	PROJECT NEED	PROJECT SCHEDULE	FY15				FY16				FY17				FY18				FY19				FY20			
Project Name:	Retaining wall repair/replacement				1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4
Department:	Engineering		Mandate																									
Location:	various		Council Goal																									
			Dept. Goal	x					x		x		x		x		x		x		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		<u>735,000</u>					
All walls are rated Good, Fair or Poor.											
This project replaces the prioritized poor walls											
OPERATING BUDGET IMPACT:											

FINANCIAL PLAN								
	PRIOR	FY16	FY17	FY18	FY19	FY20	FY21	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

2016 - 2021 CIP Project Description

CIP Project

GENERAL PROJECT DATA:		MASTER PLAN INFORMATION: Project listed in MP?	PROJECT NEED	PROJECT SCHEDULE	FY15				FY16				FY17				FY18				FY19				FY20			
Project Name:	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																									
			Council Goal	x		x				x				x				x				x						
Location:	Various		Dept. Goal	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				
	895,000		905,000		45,000

PRIORITY IN RELATION TO OTHER PROJECTS

HIGH ☒

MEDIUM ☐

LOW ☐

RATIONALE: Pavement rehabilitation

Total **1,845,000**

OPERATING BUDGET IMPACT:

FINANCIAL PLAN

	PRIOR	FY16	FY17	FY18	FY19	FY20	FY21	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

CITY OF BERLIN, NH
2016 - 2021 CIP Project Description

GENERAL PROJECT DATA: Project Name: Bridge Inspection/Repair Program Department: Engineering Location: Various		MASTER PLAN INFORMATION: Project listed in MP?	PROJECT NEED	PROJECT SCHEDULE	FY16				FY17				FY18				FY19				FY20				FY21			
					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			

PROJECT DESCRIPTION, RATIONALE & OPERATING BUDGET IMPACT

DESCRIPTION: Bridge inspection and maintenance

Hillside Ave	\$600,000	State has Red Listed
Mason St Bridge	\$ 300,000	
Cleveland Bridge	\$310,000	
Berlin Mills Bridge	\$250,000	
Cole Street	\$125,000	
Berlin Veterans Mem. Brg	\$155,000	

PRIORITY IN RELATION TO OTHER PROJECTS

HIGH ☒

MEDIUM ☐

LOW ☐

\$1,740,000

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

OPERATING BUDGET IMPACT:

FINANCIAL PLAN

	PRIOR	FY16	FY17	FY18	FY19	FY20	FY21	TOTAL
EXPENDITURES:								
Pre-Design								
Design		40,000	40,000	40,000	40,000	40,000	40,000	240,000
Purch/Const.		200,000	200,000	200,000	200,000	200,000	200,000	1,200,000
TOTAL		\$240,000	\$240,000	\$240,000	\$240,000	\$240,000	\$240,000	\$1,440,000
FUNDING:								
Current Rev.			\$240,000	\$240,000	\$240,000	\$240,000	\$240,000	\$1,200,000
Seg. Funds	15,000							15,000
Borrow								
Federal								
State		568,862						568,862
Other								
TOTAL	\$15,000	\$568,862	\$240,000	\$240,000	\$240,000	\$240,000	\$240,000	\$1,783,862
OPERATING BUDGET IMPACT:								
Personnel								
Non-Personnel								
Capital								
TOTAL								



CITY OF BERLIN, NH
2016 - 2021 CIP Project Description

GENERAL PROJECT DATA:		MASTER PLAN INFORMATION: Project listed in MP?	PROJECT NEED	PROJECT SCHEDULE	FY15				FY16				FY17				FY18				FY19				FY20			
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	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

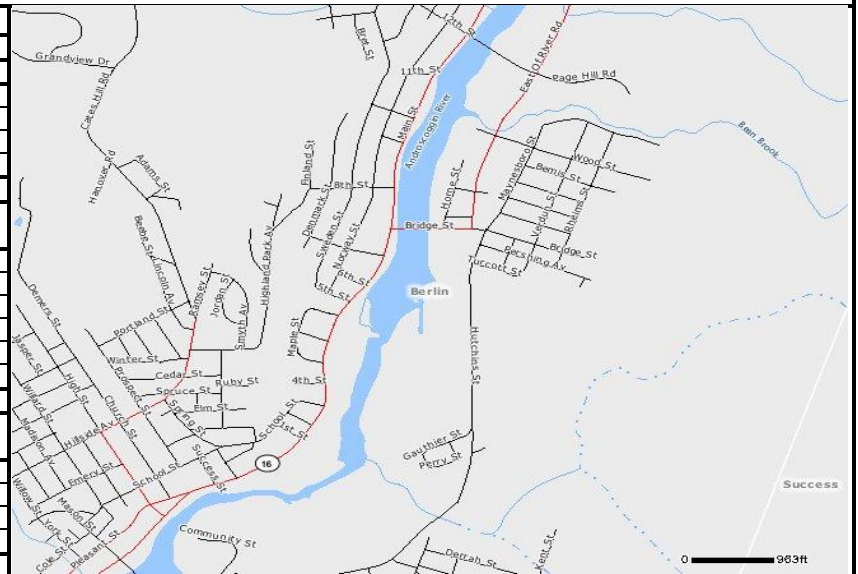
PRIORITY IN RELATION TO OTHER PROJECTS

HIGH ☒
MEDIUM ☐
LOW ☐

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

OPERATING BUDGET IMPACT:

FINANCIAL PLAN								
	PRIOR	FY16	FY17	FY18	FY19	FY20	FY21	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	748,000							
Borrow								
Federal								
State								
Other								
TOTAL	\$ 748,000							\$748,000
OPERATING BUDGET IMPACT:								
Personnel								
Non-Personnel								
Capital								
TOTAL								



CITY OF BERLIN, NH
2016 - 2021 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				FY16				FY17				FY18				FY19				FY20				FY21			
					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: Rehab/reconstruction of upper Main St from High St to Heritage Park

PRIORITY IN RELATION TO OTHER PROJECTS

HIGH ☐

MEDIUM ☒

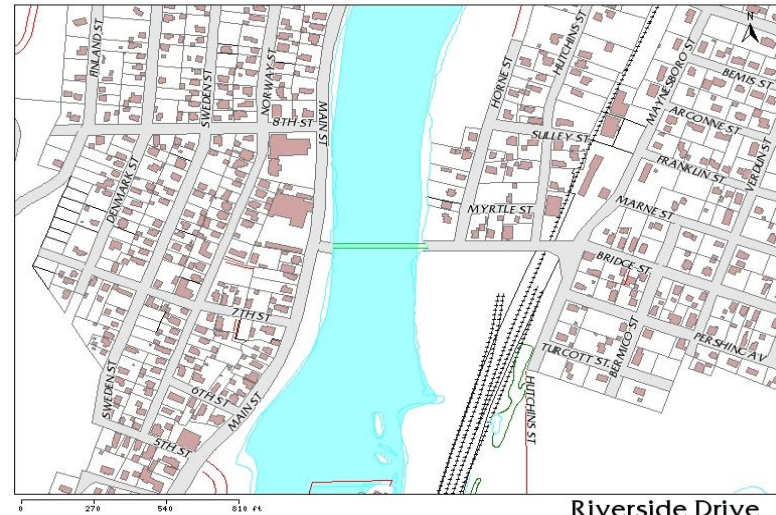
LOW ☐

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	FY16	FY17	FY18	FY19	FY20	FY21	TOTAL
EXPENDITURES:								
Pre-Design								
Design		300,000						300,000
Purch/Const.		1,500,000	2,200,000					3,700,000
TOTAL		\$1,800,000	\$2,200,000					\$4,000,000
FUNDING:								
Current Rev.		\$300,000						\$300,000
Seg. Funds								
Borrow		1,500,000	2,200,000					3,700,000
Federal								
State								
Other								
TOTAL		\$1,800,000	\$2,200,000					\$4,000,000
OPERATING BUDGET IMPACT:								
Personnel								
Non-Personnel								
Capital								
TOTAL								



CITY OF BERLIN, NH
2016 - 2021 CIP Project Description

GENERAL PROJECT DATA:		MASTER PLAN INFORMATION: Project listed in MP?	PROJECT NEED	PROJECT SCHEDULE	FY16				FY17				FY18				FY19				FY20				FY21			
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	FY16	FY17	FY18	FY19	FY20	FY21	TOTAL
EXPENDITURES:								
Pre-Design								
Design								
Purch/ Lease								
Land/Acquisition								
TOTAL								
FUNDING:								
Current Rev.								
Seg. Funds								
Borrow								
Federal				91,884.00				91,884.00
State								
Other/User Fee								
TOTAL				91,884.00				91,884.00
OPERATING BUDGET IMPACT:								
Personnel								
Non-Personnel								
Capital				91,884.00				91,884.00
TOTAL				91,884.00				91,884.00



CITY OF BERLIN, NH
2016 - 2021 CIP Project Description

GENERAL PROJECT DATA:		MASTER PLAN INFORMATION: Project listed in MP?	PROJECT NEED		PROJECT SCHEDULE				FY16				FY17				FY18				FY19				FY20				FY21			
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																	x												

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.

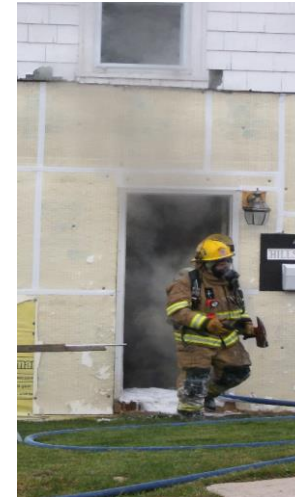
HIGH ☒

MEDIUM ☐

LOW ☐

OPERATING BUDGET IMPACT:

FINANCIAL PLAN								
	PRIOR	FY16	FY17	FY18	FY19	FY20	FY21	TOTAL
EXPENDITURES:								
Pre-Design								
Design								
Purch/ Lease								
Land/Acquisition								
TOTAL								
FUNDING:								
Current Rev.						5,957.82		5,957.82
Seg. Funds								
Borrow								
Federal								
State						53,620.42		53,620.42
Other/User Fee								
TOTAL						59,578.24		59,578.24
OPERATING BUDGET IMPACT:								
Personnel								
Non-Personnel								
Capital						59,578.24		59,578.24
TOTAL						59,578.24		59,578.24



CITY OF BERLIN, NH
2016 - 2021 CIP Project Description

GENERAL PROJECT DATA:				MASTER PLAN INFORMATION:				PROJECT NEED		PROJECT SCHEDULE				FY16				FY17				FY18				FY19				FY20				FY21			
Project Name: <u>City Fire Alarm System Maintenance</u>				Project listed in MP?				Mandate																													
Department: Fire Department								Council Goal																													
Division: Public Safety								Dept. Goal																													
Location: 263 Main Street																																					

PROJECT DESCRIPTION, RATIONALE & OPERATING BUDGET IMPACT

DESCRIPTION: This proposal is to fund a maintenance program to maintain the City Fire Alarm System. The main focus at this point will be to remove tree limbs that have over grown the system.

PRIORITY IN RELATION TO OTHER PROJECTS

HIGH ☒

MEDIUM ☐

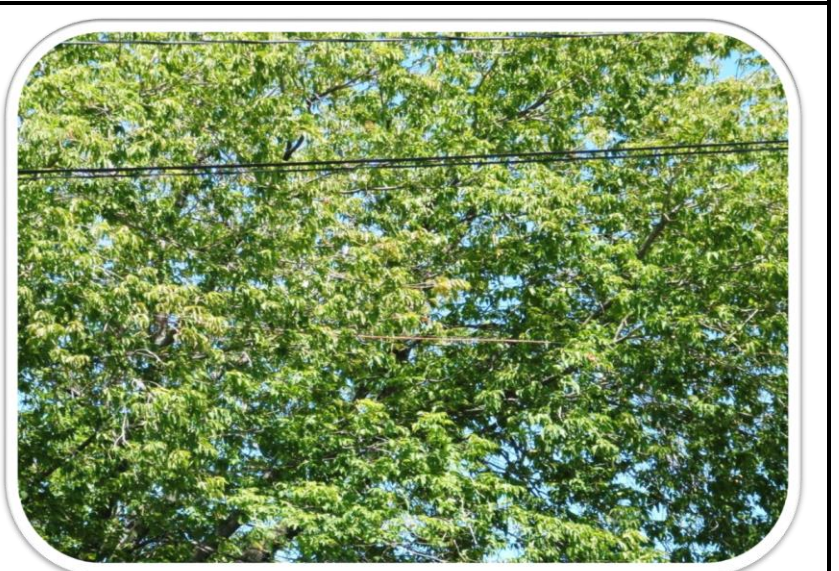
LOW ☐

RATIONALE: The current municipal fire alarm system is over 100 years old and is in need of repair. Utilizing equipment from 1905 warrants an update. Prompt notification of an emergency is one of the most important factors associated with minimizing any loss of life due to fire.

OPERATING BUDGET IMPACT: Currently the City Fire Alarm maintains service for Thirty-Five customers. User fees have been established and in the fourth year the fees should be sufficient to maintain the system.

FINANCIAL PLAN

	PRIOR	FY16	FY17	FY18	FY19	FY20	FY21	TOTAL
EXPENDITURES:								
Pre-Design								
Design								
Purch/Const.								
Land/Acquisition								
TOTAL								
FUNDING:								
Current Rev.			10,000.00	10,000.00	10,000.00			30,000.00
Seg. Funds								
Borrow								
Federal								
State								
Other/User Fee								
TOTAL			10,000.00	10,000.00	10,000.00			30,000.00
OPERATING BUDGET IMPACT:								
Personnel								
Non-Personnel								
Capital			10,000.00	10,000.00	10,000.00			30,000.00
TOTAL			10,000.00	10,000.00	10,000.00			30,000.00



CITY OF BERLIN, NH
2016 - 2021 CIP Project Description

GENERAL PROJECT DATA: Project Name: <u>Repair Program</u> Department: Fire Department Division Public Safety Location: 263 Main Street		MASTER PLAN INFORMATION: Project listed in MP?		PROJECT NEED	PROJECT SCHEDULE	FY16				FY17				FY18				FY19				FY20				FY21			
						1 2 3 4				1 2 3 4				1 2 3 4				1 2 3 4				1 2 3 4				1 2 3 4			
				Mandate																									
				Council Goal																									
				Dept. Goal																									
					x					x																			

PROJECT DESCRIPTION, RATIONALE & OPERATING BUDGET IMPACT

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

PRIORITY IN RELATION TO OTHER PROJECTS

HIGH ☒

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.

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	FY16	FY17	FY18	FY19	FY20	FY21	TOTAL
EXPENDITURES:								
Pre-Design								
Design								
Purch/Const.								
Land/Acquisition								
TOTAL								
FUNDING:								
Current Rev.		28,000.00	10,000.00					38,000.00
Seg. Funds								
Borrow								
Federal								
State								
Other/User Fee								
TOTAL		28,000.00	10,000.00					38,000.00
OPERATING BUDGET IMPACT:								
Personnel								
Non-Personnel								
Capital		28,000.00	10,000.00					38,000.00
TOTAL		28,000.00	10,000.00					38,000.00



CITY OF BERLIN, NH
2016 - 2021 CIP Project Description

GENERAL PROJECT DATA:		MASTER PLAN INFORMATION: Project listed in MP?	PROJECT NEED	PROJECT SCHEDULE	FY16				FY17				FY18				FY19				FY20				FY21			
Project Name:	Fire Prevention Vehicle				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 provides for the acquisition for replacing the 1994 Chevy Tahoe Fire Prevention Vehicle.
 Curent Milage:

PRIORITY IN RELATION TO OTHER PROJECTS

HIGH ☒

MEDIUM ☐

LOW ☐

RATIONALE: The fire deptment utilizes staff vehicles to conduct Fire department business such as fire inspections, public education and any other duties related to the fire prevention division. Along with the above metioned this vehicle is also utilized as an emergecny command resposne vehicle that carries equipment and radios to large scale incidents.

OPERATING BUDGET IMPACT:

FINANCIAL PLAN								
	PRIOR	FY16	FY17	FY18	FY19	FY20	FY21	TOTAL
EXPENDITURES:								
Pre-Design								
Design								
Purch/Const.								
Land/Acquisition								
TOTAL								
FUNDING:								
Current Rev.		41,000.00						41,000.00
Seg. Funds								
Borrow								
Federal								
State								
Other/User Fee								
TOTAL		41,000.00						41,000.00
OPERATING BUDGET IMPACT:								
Personnel								
Non-Personnel								
Capital		41,000.00						41,000.00
TOTAL		41,000.00						41,000.00



CITY OF BERLIN, NH
2016 - 2021 CIP Project Description

GENERAL PROJECT DATA:		MASTER PLAN INFORMATION: Project listed in MP?	PROJECT NEED	PROJECT SCHEDULE	FY16				FY17				FY18				FY19				FY20				FY21			
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 ☐

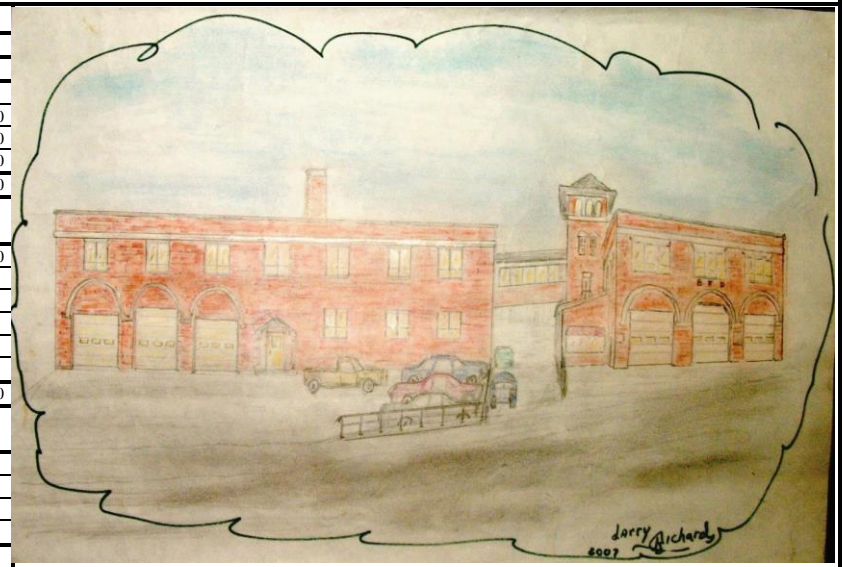
MEDIUM ☐

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	FY16	FY17	FY18	FY19	FY20	FY21	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
2016 - 2021 CIP Project Description

GENERAL PROJECT DATA:		MASTER PLAN INFORMATION: Project listed in MP?	PROJECT NEED	PROJECT SCHEDULE	FY16				FY17				FY18				FY19				FY20				FY21			
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 ☐

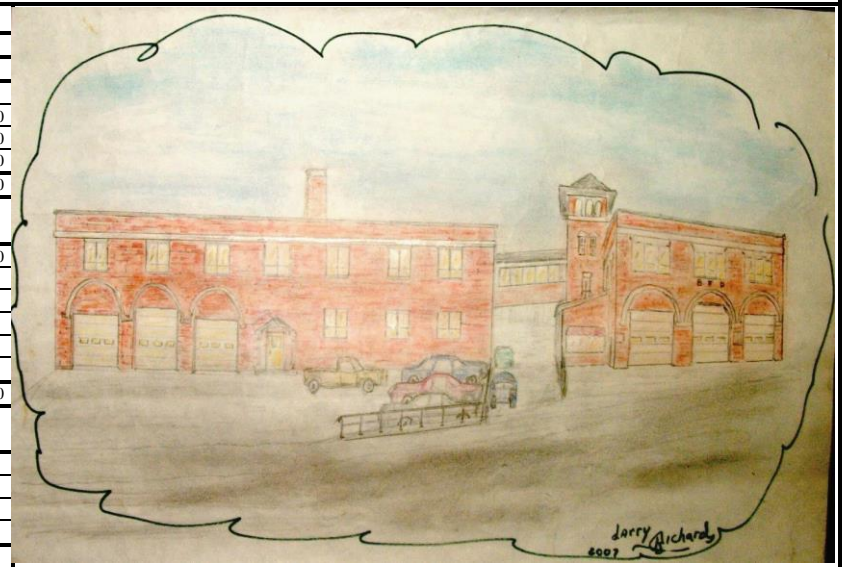
MEDIUM ☐

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	FY16	FY17	FY18	FY19	FY20	FY21	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
2016 - 2021 CIP Project Description

GENERAL PROJECT DATA:		MASTER PLAN INFORMATION: Project listed in MP?	PROJECT		FY16				FY17				FY18				FY19				FY20				FY21															
Project Name: <u>Lease to Purchase Ladder One</u>			NEED		SCHEDULE				1				2				3				4				1				2				3				4			
Department: Fire Department			Mandate																																					
Division: Public Safety			Council Goal																																					
Location: 263 Main Street			Dept. Goal														x																							

PROJECT DESCRIPTION, RATIONALE & OPERATING BUDGET IMPACT

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

PRIORITY IN RELATION TO OTHER PROJECTS

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	FY16	FY17	FY18	FY19	FY20	FY21	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.								
Seg. Funds								
Borrow								
Federal								
State								
Other/User Fee								
TOTAL								
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
2016 - 2021 CIP Project Description

GENERAL PROJECT DATA:		MASTER PLAN INFORMATION: Project listed in MP?	PROJECT NEED	PROJECT SCHEDULE	FY16				FY17				FY18				FY19				FY20				FY21			
Project Name:	<u>Staff Utility Truck Replacement</u>				1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4				
Department:	Fire Department		Mandate																									
Division:	Public Safety		Council Goal																									
Location:	263 Main Street		Dept. Goal			x																						

PROJECT DESCRIPTION, RATIONALE & OPERATING BUDGET IMPACT

DESCRIPTION: This project provides for the acquisition for replacing the 2001 Dodge Ram Utility P/U

PRIORITY IN RELATION TO OTHER PROJECTS

HIGH ☒

MEDIUM ☐

LOW ☐

RATIONALE: This vehicle will replace a 2001 Dodge Pick Up truck which also is used as a rescue vehicle along with being equipped with a plow to allow us to clear snow in front of the apparatus and maintaining the parking lots that are utilized by fire personnel. This vehicle is also used to in towing the fire department boat and fire department four wheeler. Other uses include but are not limited to transporting people and equipment to emergency scenes and transporting equipment utilized in performing annual testing of fire department equipment.

OPERATING BUDGET IMPACT: Our current 2001 Dodge Ram Utility will need a considerable amount of body work and mechanical work in order to pass inspection in May of 2015.

FINANCIAL PLAN

	PRIOR	FY16	FY17	FY18	FY19	FY20	FY21	TOTAL
EXPENDITURES:								
Pre-Design								
Design								
Purch/Const.								
Land/Acquisition								
TOTAL								
FUNDING:								
Current Rev.		41,000.00						41,000.00
Seg. Funds								
Borrow								
Federal								
State								
Other/User Fee								
TOTAL		41,000.00						41,000.00
OPERATING BUDGET IMPACT:								
Personnel								
Non-Personnel								
Capital		41,000.00						41,000.00
TOTAL		41,000.00						41,000.00



CITY OF BERLIN, NH
2016 - 2021 CIP Project Description

GENERAL PROJECT DATA:		MASTER PLAN INFORMATION: Project listed in MP?	PROJECT		PROJECT				FY16				FY17				FY18				FY19				FY20				FY21									
Project Name: <u>Engine Four Replacement</u>			NEED		SCHEDULE		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 14 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 2020 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. 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 usefull life of 20 years as a frontline response apparatus and will need to be replaced at a cost of approximatley 930,000.00.

FINANCIAL PLAN

	PRIOR	FY16	FY17	FY18	FY19	FY20	FY21	TOTAL
EXPENDITURES:								
Pre-Design								
Design								
Purch/ Lease		100,184.14	100,184.14	100,184.14	100,184.14	100,184.14	100,184.14	601,104.84
Land/Acquisition								
TOTAL		100,184.14	100,184.14	100,184.14	100,184.14	100,184.14	100,184.14	601,104.84
FUNDING:								
Current Rev.		100,184.14	100,184.14	100,184.14	100,184.14	100,184.14	100,184.14	601,104.84
Seg. Funds								
Borrow								
Federal								
State								
Other/User Fee								
TOTAL		100,184.14	100,184.14	100,184.14	100,184.14	100,184.14	100,184.14	601,104.84
OPERATING BUDGET IMPACT:								
Personnel								
Non-Personnel						5,000.00	5,000.00	10,000.00
Capital		100,184.14	100,184.14	100,184.14	100,184.14	100,184.14	100,184.14	601,104.84
TOTAL		100,184.14	100,184.14	100,184.14	100,184.14	105,184.14	105,184.14	611,104.84



CITY OF BERLIN, NH
2016 - 2021 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 NEED	PROJECT SCHEDULE	FY16				FY17				FY18				FY19				FY20				FY21			
				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	FY16	FY17	FY18	FY19	FY20	FY21	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
2015 - 2020 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	FY15				FY16				FY17				FY18				FY19				FY20			
					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							

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	FY16	FY17	FY18	FY19	FY20	FY21	TOTAL
EXPENDITURES:								
Pre-Design								
Design								
Purch/Const.								
TOTAL								
FUNDING:								
Current Rev.	\$31,500	\$63,300	\$65,800	\$68,400	\$71,100	\$73,900	\$76,900	\$419,400
Seg. Funds								
Borrow								
Federal								
State								
Other								
TOTAL	\$31,500	\$63,300	\$65,800	\$68,400	\$71,100	\$73,900	\$76,900	\$419,400
OPERATING BUDGET IMPACT:								
Personnel								
Non-Personnel								
Capital								
TOTAL								



CITY OF BERLIN, NH
2016 - 2021 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	FY16	FY17	FY18	FY19	FY20	FY21
				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	FY16	FY17	FY18	FY19	FY20	FY21	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
2016 - 2021 CIP Project Description

GENERAL PROJECT DATA: Project Name: <u>Department Phone System</u> Department: Police Location:	MASTER PLAN INFORMATION: Project listed in MP? No.	PROJECT NEED	PROJECT SCHEDULE	FY16				FY17				FY18				FY19				FY20				FY21			
				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: IP Based Phone System

PRIORITY IN RELATION TO OTHER PROJECTS

HIGH ☒

MEDIUM ☐

LOW ☐

RATIONALE: The current is over ten years old and has begun to show signs of unreliability. Parts, when available, are costly due to the age of the system, and refurbished parts are not always cost-effective.

OPERATING BUDGET IMPACT:

FINANCIAL PLAN								
	PRIOR	FY16	FY17	FY18	FY19	FY20	FY21	TOTAL
EXPENDITURES:								
Pre-Design								
Design								
Purch/Const.								
TOTAL								
FUNDING:								
Current Rev.		\$ 20,000						\$ 20,000
Seg. Funds								
Borrow								
Federal								
State								
Other								
TOTAL		\$ 20,000						\$ 20,000
OPERATING BUDGET IMPACT:								
Personnel								
Non-Personnel								
Capital								
TOTAL								



CITY OF BERLIN, NH
2016 - 2021 CIP Project Description

GENERAL PROJECT DATA:		MASTER PLAN INFORMATION:		PROJECT NEED		PROJECT SCHEDULE				FY16				FY17				FY18				FY19				FY20				FY21			
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	FY16	FY17	FY18	FY19	FY20	FY21	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
2016 - 2021 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				FY16				FY17				FY18				FY19				FY20				FY21			
		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	FY16	FY17	FY18	FY19	FY20	FY21	TOTAL
EXPENDITURES:								FY21
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
2016 - 2021 CIP Project Description

GENERAL PROJECT DATA:		MASTER PLAN INFORMATION:		PROJECT NEED	PROJECT SCHEDULE	FY16				FY17				FY18				FY19				FY20				FY21			
Project Name: <u>Leather Gear</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				
Department: Police				Mandate																									
				Council Goal																									
Location:				Dept. Goal	X		X		X																				

PROJECT DESCRIPTION, RATIONALE & OPERATING BUDGET IMPACT

DESCRIPTION: Acquisition of leather gear.

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	FY16	FY17	FY18	FY19	FY20	FY21	TOTAL
EXPENDITURES:								
Pre-Design								
Design								
Purch/Const.								
TOTAL								
FUNDING:								
Current Rev.		\$9,000	\$9,000					\$18,000
Seg. Funds								
Borrow								
Federal								
State								
Other								
TOTAL		\$9,000	\$9,000					\$18,000
OPERATING BUDGET IMPACT:								
Personnel								
Non-Personnel								
Capital								
TOTAL								



CITY OF BERLIN, NH
2016 - 2021 CIP Project Description

GENERAL PROJECT DATA:		MASTER PLAN INFORMATION:		PROJECT NEED		PROJECT SCHEDULE				FY16				FY17				FY18				FY19				FY20				FY21			
Project Name: <u>Phone Recording System</u>		Project listed in MP? No.				1 2 3 4				1 2 3 4				1 2 3 4				1 2 3 4				1 2 3 4				1 2 3 4							
Department: Police				Mandate																													
				Council Goal																													
Location:				Dept. Goal		X				X																							

PROJECT DESCRIPTION, RATIONALE & OPERATING BUDGET IMPACT

DESCRIPTION: Emergency Phone Message Recording System

PRIORITY IN RELATION TO OTHER PROJECTS

HIGH ☒

MEDIUM ☐


LOW ☐

RATIONALE: The current emergency recording system was purchased in 2006. It has become obsolete, and a replacement model is required to maintain compatability with the necessary phone system upgrade.

OPERATING BUDGET IMPACT:

FINANCIAL PLAN								
	PRIOR	FY16	FY17	FY18	FY19	FY20	FY21	TOTAL
EXPENDITURES:								
Pre-Design								
Design								
Purch/Const.								
TOTAL								
FUNDING:								
Current Rev.		\$13,600						\$13,600
Seg. Funds								
Borrow								
Federal								
State								
Other								
TOTAL		\$13,600						\$13,600
OPERATING BUDGET IMPACT:								
Personnel								
Non-Personnel								
Capital								
TOTAL								

equature® Advanced 4U chassis




Hardware Specifications

- ❖ Rack Mount ATX Chassis
 - Black
 - Zinc-coated Steel
 - 7 Slot / 4U
 - 7" Height x 19" Width x 20.80" Depth
- ❖ Custom Assembly with Burn in
- ❖ LGA 1155 Socket Motherboard
- ❖ Intel® Core™ i3-2120 processor
- ❖ 3MB Cache
- ❖ 3.30GHz Clock Speed
- ❖ 2 Cores with Hyperthread® technology
- ❖ Expansion Slots:
 - 2 - PCI 32bit/33MHZ
 - 1 - PCI-E x8
 - 2 - PCI-E x1
 - 1 - PCI-E x16
- ❖ 8GB of PC3-10600 ECC RAM
- ❖ 2 x 500GB 7200RPM TLER drives in RAID1 configuration (1 TB optional)
- Hot swappable bays in front
- ❖ 16x DVD RW +/-
- ❖ Windows 7 with Service Pack 1 (x86)
- ❖ 600Watt ATX redundant power supply

Features

- ❖ Redundant power supply
- ❖ RAID1 Hard Drive configuration
- ❖ Rugged Steel frame
- ❖ Rack Mountable in 2 post or 4 post racks
- ❖ Includes mirrored external USB drive for archiving



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CITY OF BERLIN, NH
2016 - 2021 CIP Project Description

GENERAL PROJECT DATA: Project Name: <u>Radios</u> Department: Police Location:	MASTER PLAN INFORMATION: Project listed in MP? No.	PROJECT NEED		PROJECT SCHEDULE		FY16				FY17				FY18				FY19				FY20				FY21			
						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																										

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. Our radios will have met their life expectancy, and will be in need of replacement.

OPERATING BUDGET IMPACT:

FINANCIAL PLAN								
	PRIOR	FY16	FY17	FY18	FY19	FY20	FY21	TOTAL
EXPENDITURES:								
Pre-Design								
Design								
Purch/Const.								
TOTAL								
FUNDING:								
Current Rev.						\$ 48,100		\$ 48,100
Seg. Funds								
Borrow								
Federal								
State								
Other								
TOTAL						\$ 48,100		\$ 48,100
OPERATING BUDGET IMPACT:								
Personnel								
Non-Personnel								
Capital								
TOTAL								



CITY OF BERLIN, NH
2016 - 2021 CIP Project Description

GENERAL PROJECT DATA:		MASTER PLAN INFORMATION:		PROJECT NEED		PROJECT SCHEDULE				FY16				FY17				FY18				FY19				FY20				FY21											
Project Name: <u>Ballistic Vests</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: Ballistic vests @ approximately \$685 each.

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. The Department's vests will reach the end of their life expectancy in 2013. This plan will establish a schedule to gradually replace all vests.

OPERATING BUDGET IMPACT:

FINANCIAL PLAN								
	PRIOR	FY16	FY17	FY18	FY19	FY20	FY21	TOTAL
EXPENDITURES:								
Pre-Design								
Design								
Purch/Const.								
TOTAL								
FUNDING:								
Current Rev.					\$9,215			\$9,215
Seg. Funds								
Borrow								
Federal								
State								
Other								
TOTAL					\$9,215			\$9,215
OPERATING BUDGET IMPACT:								
Personnel								
Non-Personnel								
Capital								
TOTAL								



CITY OF BERLIN, NH
2016 - 2021 CIP Project Description

GENERAL PROJECT DATA:		MASTER PLAN INFORMATION:		PROJECT NEED		PROJECT SCHEDULE				FY16				FY17				FY18				FY19				FY20				FY21			
Project Name: <u>Radio Consoles</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: Third year lease-purchase payment for two radio consoles for the dispatch area.

PRIORITY IN RELATION TO OTHER PROJECTS

HIGH ☒

MEDIUM ☐

LOW ☐

RATIONALE: Continuation of the lease-purchase of two main radio control computers in dispatch which regulate all radio communications.

OPERATING BUDGET IMPACT:

FINANCIAL PLAN

	PRIOR	FY16	FY17	FY18	FY19	FY20	FY21	TOTAL
EXPENDITURES:								
Pre-Design								
Design								
Purch/Const.								
TOTAL								
FUNDING:								
Current Rev.	\$44,500	\$44,500						\$89,000
Seg. Funds								
Borrow								
Federal								
State								
Other								
TOTAL	\$44,500	\$44,500						\$89,000
OPERATING BUDGET IMPACT:								
Personnel								
Non-Personnel								
Capital								
TOTAL								



Software-driven radio communication control center enables operators to communicate effectively with field personnel over numerous channels. Single application controls radio, paging and telephone operations in addition to integrating 9-1-1 with radio dispatch. Provides quick address to critical information for faster response.



HIGHLY RELIABLE CONSOLE ELECTRONICS SHELF (CES)

- Flexible and compact central switching
- Self-contained diagnostics for simple reporting
- Self-healing architecture
- Modular configuration with 7.5' rack allows up to 9 CES

CITY OF BERLIN, NH
2016 - 2021 CIP Project Description

Project Name: PW Equipment Replacement		Project listed in MP?	PROJECT NEED		PROJECT SCHEDULE	FY16				FY17				FY18				FY19				FY20				FY21			
			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						

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	35,000				

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	FY16	FY17	FY18	FY19	FY20	FY21	TOTAL
EXPENDITURES:								
Pre-Design								
Design								
Purch/Const.								
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

2016 - 2021 CIP Project Description

GENERAL PROJECT DATA:		MASTER PLAN INFORMATION: Project listed in MP?	PROJECT NEED	PROJECT SCHEDULE	FY16				FY17				FY18				FY19				FY20				FY21			
Project Name:	Public Works Garage Upgrade II				1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4
Department:	Public Works		Mandate																									
Location:	110 Wight St		Council Goal																									
			Dept. Goal	X				X		X			X				X											

PROJECT DESCRIPTION, RATIONALE & OPERATING BUDGET IMPACT

DESCRIPTION:				PRIORITY IN RELATION TO OTHER PROJECTS			
		Install Air Locks	\$ 115,000				
		Fencing	\$ 35,000				
Vechicle Hoist	\$ 20,000	Office Improvements	\$ 40,000		HIGH	<input checked="" type="checkbox"/>	
Fire Supression	\$ 30,000	Paving	\$ 25,000				
Window Replacement	\$ 150,000	HVAC	\$ 100,000		MEDIUM	<input type="checkbox"/>	
		Roof Replacement	\$ 140,000				
RATIONALE:	Operational improvements						
	Feasibility Study completed in 1989						
	Health & Safety						
	Environmental Protection						
	Reduction in energy consumption.				LOW	<input type="checkbox"/>	
OPERATING BUDGET IMPACT:							

FINANCIAL PLAN

	PRIOR	FY16	FY17	FY18	FY19	FY20	FY21	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
2016 - 2021 CIP Project Description

GENERAL PROJECT DATA:		MASTER PLAN INFORMATION: Project listed in MP?	PROJECT NEED	PROJECT SCHEDULE	FY16				FY17				FY18				FY19				FY20				FY21			
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

HIGH ☒

MEDIUM ☐

LOW ☐

\$460,000

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

OPERATING BUDGET IMPACT:

FINANCIAL PLAN

	PRIOR	FY16	FY17	FY18	FY19	FY20	FY21	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
2016 - 2021 CIP Project Description

GENERAL PROJECT DATA:		MASTER PLAN INFORMATION: Project listed in MP?	PROJECT NEED		PROJECT SCHEDULE		FY16				FY17				FY18				FY19				FY20				FY21				
Project Name: <u>Replace Fuel Distribution System</u>							1 2 3 4				1 2 3 4				1 2 3 4				1 2 3 4				1 2 3 4				1 2 3 4				
Department: Central Services			Mandate		x	Dec-15		x				x																			
Location: Public Works Garage			Council Goal																												
			Dept. Goal		x																										

PROJECT DESCRIPTION, RATIONALE & OPERATING BUDGET IMPACT

DESCRIPTION:

PRIORITY IN RELATION TO OTHER PROJECTS

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.

HIGH ☒

MEDIUM ☐

LOW ☐

RATIONALE:

Prevent environmental Impact.

OPERATING BUDGET IMPACT:

FINANCIAL PLAN

	PRIOR	FY16	FY17	FY18	FY19	FY20	FY21	TOTAL
EXPENDITURES:								
Pre-Design	\$2,500					\$2,500		\$5,000
Design	3,500					3,500		7,000
Purch/Const.								
TOTAL	\$6,000					\$6,000		\$12,000
FUNDING:								
Current Rev.	\$120,000	\$50,000	\$50,000	\$50,000	\$50,000	\$50,000	\$50,000	\$420,000
Seg. Funds	\$50,000							\$50,000
Borrow								
Federal								
State								
Other								
TOTAL	\$170,000	\$50,000	\$50,000	\$50,000	\$50,000	\$50,000	\$50,000	\$470,000
OPERATING BUDGET IMPACT:								
Personnel								
Non-Personnel								
Capital								
TOTAL								



FUEL DISTRIBUTION

CITY OF BERLIN, NH
2016 - 2021 CIP Project Description

GENERAL PROJECT DATA:		MASTER PLAN INFORMATION: Project listed in MP?	PROJECT NEED	PROJECT SCHEDULE	FY16				FY17				FY18				FY19				FY20				FY21			
Project Name: <u>Loader Lease/Purchase</u>					1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4
Department: Public Works			Mandate																									
Location: 10 Jericho Road			Council Goal																									
			Dept. Goal	x		x				x				x				x				x						

PROJECT DESCRIPTION, RATIONALE & OPERATING BUDGET IMPACT

DESCRIPTION: Lease/Purchase of loaders

PRIORITY IN RELATION TO OTHER PROJECTS

HIGH ☐
MEDIUM ☒
LOW ☐

RATIONALE:

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

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

OPERATING BUDGET IMPACT:

FINANCIAL PLAN								
	PRIOR	FY16	FY17	FY18	FY19	FY20	FY21	TOTAL
EXPENDITURES:								
Pre-Design								
Design								
Purch/Const.		\$30,000	\$60,000	\$90,000	\$120,000	\$120,000	\$120,000	540,000
TOTAL		\$30,000	\$60,000	\$90,000	\$120,000	\$120,000	\$120,000	\$540,000
FUNDING:								
Current Rev.								
Seg. Funds								
Borrow		\$30,000	\$60,000	\$90,000	\$120,000	\$120,000	\$120,000	540,000
Federal								
State								
Other								
TOTAL		\$30,000	\$60,000	\$90,000	\$120,000	\$120,000	\$120,000	\$540,000
OPERATING BUDGET IMPACT:								
Personnel								
Non-Personnel								
Capital								
TOTAL								



CITY OF BERLIN, NH
2016 - 2021 CIP Project Description

GENERAL PROJECT DATA:		MASTER PLAN INFORMATION: Project listed in MP?	PROJECT NEED	PROJECT SCHEDULE	FY16	FY17	FY18	FY19	FY20	FY21
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

HIGH ☒

MEDIUM ☐

LOW ☐

RATIONALE:

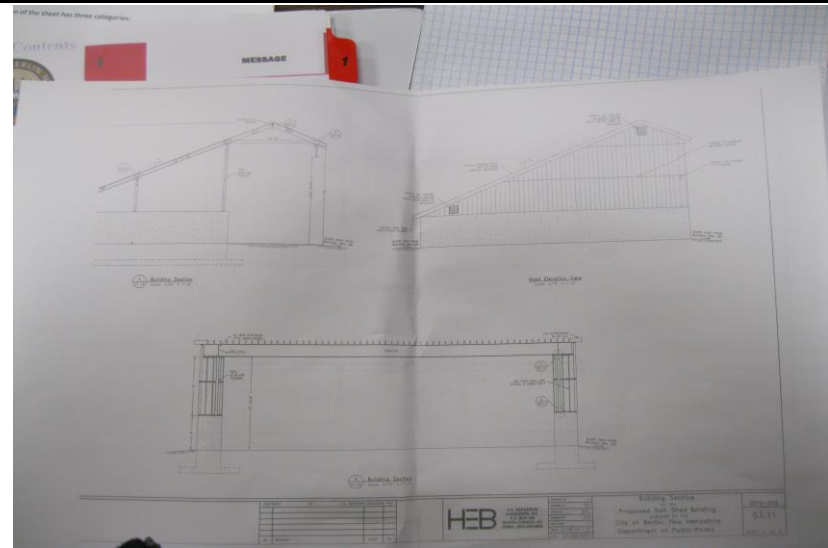
New facility will increase current storage capacities decreasing the City's risks to have sufficient road treatment materials during long and multiple storms in short time frames. Improves Operational efficiencies with decreasing personnel resorces to move and mix materials. Reduces energy use of the facility

OPERATING BUDGET IMPACT:

Manhour reductions, reduction in fuel usage

FINANCIAL PLAN

	PRIOR	FY16	FY17	FY18	FY19	FY20	FY21	TOTAL
EXPENDITURES:								
Pre-Design								
Design	5,000							5,000
Purch/Const.		60,000	60,000	60,000				180,000
TOTAL	\$5,000	\$60,000	\$60,000	\$60,000				\$185,000
FUNDING:								
Current Rev.		\$60,000	\$60,000	\$60,000				\$180,000
Seg. Funds	80,537							80,537
Borrow								
Federal								
State								
Other								
TOTAL	\$80,537	\$60,000	\$60,000	\$60,000				\$260,537
OPERATING BUDGET IMPACT:								
Personnel			\$6,000	\$6,000	\$6,000	\$6,000	\$6,000	\$30,000
Non-Personnel			15,000	15,000	15,000	15,000	15,000	\$75,000
Capital			3,000	3,100	3,200	3,300	3,400	\$16,000
TOTAL			\$24,000	\$24,100	\$24,200	\$24,300	\$24,400	\$121,000



CITY OF BERLIN, NH
2016 - 2021 CIP Project Description

GENERAL PROJECT DATA:		MASTER PLAN INFORMATION: Project listed in MP?	PROJECT NEED	PROJECT SCHEDULE	FY16				FY17				FY18				FY19				FY20				FY21			
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

RATIONALE:

OPERATING BUDGET IMPACT:

PRIORITY IN RELATION TO OTHER PROJECTS

HIGH ☐
MEDIUM ☒
LOW ☐

FINANCIAL PLAN

	PRIOR	FY16	FY17	FY18	FY19	FY20	FY21	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

2016 - 2021 CIP Project Description

GENERAL PROJECT DATA:		MASTER PLAN INFORMATION: Project listed in MP?	PROJECT NEED	PROJECT SCHEDULE	FY16				FY17				FY18				FY19				FY20				FY21			
Project Name:	Equipment				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:

Kubato Attachments	35,000	Purchase Pick-up Truck	35,000
-Side arm mower		Purchase travel van-proramimg	35,000
-brush hog & chiper			
Commercils Fine Mower	25,000		
	60,000		70,000

PRIORITY IN RELATION TO OTHER PROJECTS

HIGH ☒

MEDIUM ☐

LOW ☐

RATIONALE:

Improve Efficiency on green space maintenance

OPERATING BUDGET IMPACT:

FINANCIAL PLAN

	PRIOR	FY16	FY17	FY18	FY19	FY20	FY21	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
2016 - 2021 CIP Project Description

GENERAL PROJECT DATA:		MASTER PLAN INFORMATION: Project listed in MP?	PROJECT NEED	PROJECT SCHEDULE	FY16				FY17				FY18				FY19				FY20				FY21			
Project Name:	Building Repairs				1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4
Department:	Rec.&Parks		Mandate																									
Location:	Rec. Parks Building		Council Goal		X				X																			
			Dept. Goal	X	x				x																			

PROJECT DESCRIPTION, RATIONALE & OPERATING BUDGET IMPACT

DESCRIPTION:

Upgrade Restrooms and Showers	\$	50,000	Upgrade Lights	\$	7,000	
Upgrade Court Facilities	\$	15,000	Replace Windows	\$	20,000	
-New Score Board	\$	6,500	Upgrade Offices	\$	25,000	
-Wall Pading	\$	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

OPERATING BUDGET IMPACT:

FINANCIAL PLAN								
	PRIOR	FY16	FY17	FY18	FY19	FY20	FY21	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
2016 - 2021 CIP Project Description

GENERAL PROJECT DATA:		MASTER PLAN INFORMATION: Project listed in MP?	PROJECT NEED	PROJECT SCHEDULE	FY16				FY17				FY18				FY19				FY20				FY21			
Project Name:	BUS REPLACEMENT				1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4
Department:	SCHOOL DEPT.		Mandate																									
Location:	BUS GARAGE, Hutchins St.		Council Goal																									
			Dept. Goal		X			X		X			X		X		X		X		X							

PROJECT DESCRIPTION, RATIONALE & OPERATING BUDGET IMPACT

DESCRIPTION: Bus replacement for Bus 05, 86,095 miles
 Bus replacement for Bus 06, 117,615 miles
 Bus replacement for Bus 08, 95,660 miles
 Bus replacement for Bus 09, 71,943 miles
 Bus replacement for Bus 10, 57,316 miles

RATIONALE: Bus replacement for Bus 11, 58,332 miles

(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.

PRIORITY IN RELATION TO OTHER PROJECTS

HIGH ☐

MEDIUM ☐

LOW ☐

OPERATING BUDGET IMPACT:

FINANCIAL PLAN								
	PRIOR	FY16	FY17	FY18	FY19	FY20	FY21	TOTAL
EXPENDITURES:								
Pre-Design								
Design								
Purch/Const.		90,000	95,000	95,000	95,000	95,000	95,000	565,000
TOTAL		\$90,000	\$95,000	\$90,000	\$95,000	\$95,000	\$95,000	\$565,000
FUNDING:								
Current Rev.								
Seg. Funds								
Borrow								
Federal								
State								
Other								
TOTAL								
OPERATING BUDGET IMPACT:								
Personnel								
Non-Personnel								
Capital								
TOTAL								



CITY OF BERLIN, NH
2016 - 2021 CIP Project Description

GENERAL PROJECT DATA:		MASTER PLAN INFORMATION: Project listed in MP?	PROJECT NEED	PROJECT SCHEDULE	FY16				FY17				FY18				FY19				FY20				FY21			
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		X		X	X		X		X		X		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.
117,203 square feet coverage, We have already applied "white knight" product to 43,679 square feet of roofs.

PRIORITY IN RELATION TO OTHER PROJECTS

HIGH ☐

MEDIUM ☐

LOW ☐

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

OPERATING BUDGET IMPACT:

FINANCIAL PLAN								
	PRIOR	FY16	FY17	FY18	FY19	FY20	FY21	TOTAL
EXPENDITURES:								
Pre-Design								
Design								
Purch/Const.		126,500	126,500	126,500	126,500			506,000
TOTAL		\$126,500	\$126,500	\$126,500	\$126,500			\$506,000
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
2016 - 2021 CIP Project Description

GENERAL PROJECT DATA:		MASTER PLAN INFORMATION: Project listed in MP?	PROJECT NEED	PROJECT SCHEDULE	FY16				FY17				FY18				FY19				FY20				FY21			
Project Name:	BMS GYM FLOORS/Track				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 MIDDLE SCHOOL GYMS AND TRACK		Council Goal																									
			Dept. Goal	X					X																			

PROJECT DESCRIPTION, RATIONALE & OPERATING BUDGET IMPACT

DESCRIPTION: Replacement of original gym floors and track at Berlin Middle School

PRIORITY IN RELATION TO OTHER PROJECTS

HIGH ☐

MEDIUM ☐

LOW ☐

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	FY16	FY17	FY18	FY19	FY20	FY21	TOTAL
EXPENDITURES:								
Pre-Design								
Design								
Purch/Const.			120,000					120,000
TOTAL			\$120,000					\$120,000
FUNDING:								
Current Rev.								
Seg. Funds								
Borrow								
Federal								
State								
Other								
TOTAL								
OPERATING BUDGET IMPACT:								
Personnel								
Non-Personnel								
Capital								
TOTAL								



CITY OF BERLIN, NH
2016 - 2021 CIP Project Description

GENERAL PROJECT DATA:		MASTER PLAN INFORMATION: Project listed in MP?	PROJECT NEED	PROJECT SCHEDULE	FY16				FY17				FY18				FY19				FY20				FY21			
Project Name:	BHS Science Labs				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 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	FY16	FY17	FY18	FY19	FY20	FY21	TOTAL
EXPENDITURES:								
Pre-Design								
Design								
Purch/Const.					1,300,000			1,300,000
TOTAL					\$1,300,000			\$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
2016 - 2021 CIP Project Description

GENERAL PROJECT DATA:		MASTER PLAN INFORMATION: Project listed in MP?	PROJECT NEED	PROJECT SCHEDULE	FY 16				FY 17				FY 18				FY 19				FY 20				FY 21			
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																							
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 ☒

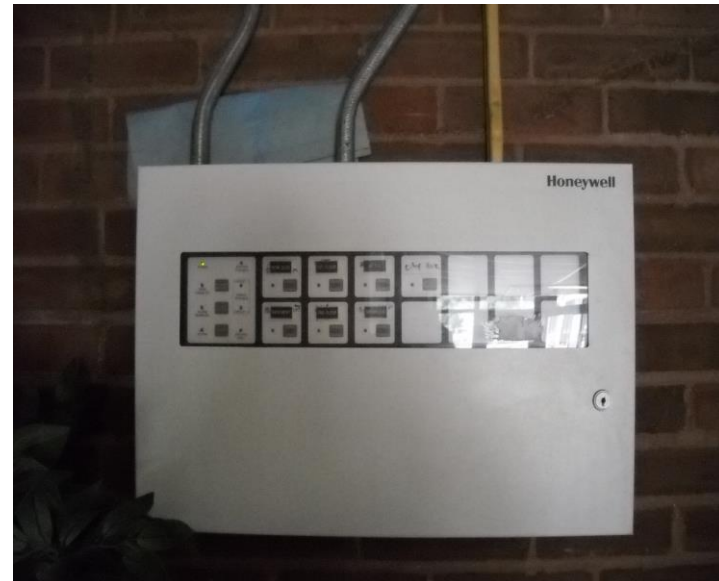
MEDIUM ☐

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:

FINANCIAL PLAN								
	PRIOR	FY16	FY17	FY18	FY19	FY20	FY21	TOTAL
EXPENDITURES:								
Pre-Design								
Design								
Purch/Const.								
TOTAL								
FUNDING:								
Current Rev.		\$38,000						\$38,000
Seg. Funds								
Borrow								
Federal								
State								
Other								
TOTAL		\$38,000						\$38,000
OPERATING BUDGET IMPACT:								
Personnel								
Non-Personnel								
Capital								
TOTAL								



CITY OF BERLIN, NH
2016 - 2021 CIP Project Description

GENERAL PROJECT DATA:		MASTER PLAN INFORMATION: Project listed in MP?	PROJECT NEED	PROJECT SCHEDULE	FY16				FY17				FY18				FY19				FY20				FY21			
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	FY16	FY17	FY18	FY19	FY20	FY21	TOTAL
EXPENDITURES:								
Pre-Design								
Design								
Purch/Const.						1,000,000		1,000,000
TOTAL						\$1,000,000		\$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
2016 - 2021 CIP Project Description

GENERAL PROJECT DATA:		MASTER PLAN INFORMATION: Project listed in MP?	PROJECT NEED	PROJECT SCHEDULE	FY16				FY17				FY18				FY19				FY20				FY21			
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	FY16	FY17	FY18	FY19	FY20	FY21	TOTAL
EXPENDITURES:								
Pre-Design								
Design								
Purch/Const.			96,000					96,000
TOTAL			\$96,000					\$96,000
FUNDING:								
Current Rev.								
Seg. Funds								
Borrow								
Federal								
State								
Other								
TOTAL								
OPERATING BUDGET IMPACT:								
Personnel								
Non-Personnel								
Capital								
TOTAL								



CITY OF BERLIN, NH
2016- 2021 CIP Project Description

GENERAL PROJECT DATA:		MASTER PLAN INFORMATION: Project listed in MP?	PROJECT NEED	PROJECT SCHEDULE	FY16				FY17				FY18				FY19				FY20				FY21			
Project Name:	BHS ROAD DEVELOPMENT				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																			

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 ☐

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.

LOW ☐

OPERATING BUDGET IMPACT:

FINANCIAL PLAN								
	PRIOR	FY16	FY17	FY18	FY19	FY20	FY21	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
2016 - 2021 CIP Project Description

GENERAL PROJECT DATA:		MASTER PLAN INFORMATION:	PROJECT NEED	PROJECT SCHEDULE	FY16				FY17				FY18				FY19				FY20				FY21			
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																								

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 ☐

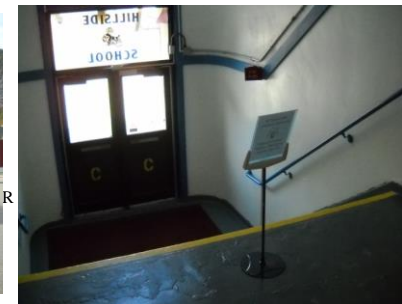
MEDIUM ☐

LOW ☐

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

OPERATING BUDGET IMPACT:

FINANCIAL PLAN								
	PRIOR	FY16	FY17	FY18	FY19	FY20	FY21	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
2016 - 2021 CIP Project Description

GENERAL PROJECT DATA:		MASTER PLAN INFORMATION: Project listed in MP?	PROJECT NEED	PROJECT SCHEDULE	FY16				FY17				FY18				FY19				FY20				FY21			
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	FY16	FY17	FY18	FY19	FY20	FY21	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
2016 - 2021 CIP Project Description

GENERAL PROJECT DATA:		MASTER PLAN INFORMATION: Project listed in MP?	PROJECT NEED	PROJECT SCHEDULE	FY16	FY17	FY18	FY19	FY20	FY21
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 ☐

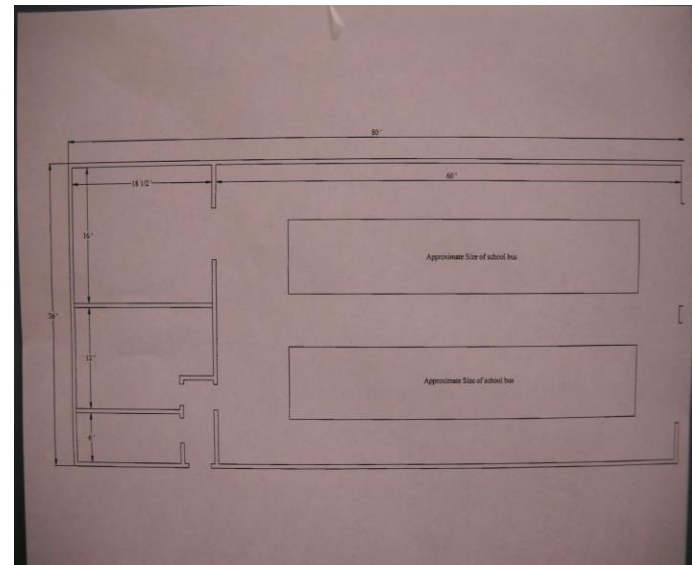
MEDIUM ☐

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	FY16	FY17	FY18	FY19	FY20	FY21	TOTAL
EXPENDITURES:								
Pre-Design								
Design				50,000				50,000
Purch/Const.				300,000				300,000
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
2016 - 2021 CIP Project Description

GENERAL PROJECT DATA:		MASTER PLAN INFORMATION:		PROJECT	FY16				FY17				FY18				FY19				FY20				FY21			
Project Name: Hillside/BMS CAFETERIA FLOOR		Project listed in MP?		NEED	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	FY16	FY17	FY18	FY19	FY20	FY21	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								



CITY OF BERLIN, NH
2016 - 2021 CIP Project Description

GENERAL PROJECT DATA:		MASTER PLAN INFORMATION:		PROJECT NEED	PROJECT SCHEDULE	FY16	FY17	FY18	FY19	FY20	FY21
Project Name: <u>Masonry & brick repointing</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: 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	FY16	FY17	FY18	FY19	FY20	FY21	TOTAL
EXPENDITURES:								
Pre-Design								
Design								
Purch/Const.		52,703						52,703
TOTAL		\$52,703						\$52,703
FUNDING:								
Current Rev.								
Seg. Funds								
Borrow								
Federal								
State								
Other								
TOTAL								
OPERATING BUDGET IMPACT:								
Personnel								
Non-Personnel								
Capital								
TOTAL								



CITY OF BERLIN, NH
2016 - 2021 CIP Project Description

GENERAL PROJECT DATA:		MASTER PLAN INFORMATION:		PROJECT NEED	PROJECT SCHEDULE	FY16	FY17	FY18	FY19	FY20	FY21
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			

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	FY16	FY17	FY18	FY19	FY20	FY21	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								



CITY OF BERLIN, NH
2016 - 2021 CIP Project Description

GENERAL PROJECT DATA:		MASTER PLAN INFORMATION: Project listed in MP?	PROJECT NEED	PROJECT SCHEDULE	FY16				FY17				FY18				FY19				FY20				FY21			
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	FY16	FY17	FY18	FY19	FY20	FY21	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
2016 - 2021 CIP Project Description

GENERAL PROJECT DATA: Project Name: Housing Initiative Department: Housing Location:	MASTER PLAN INFORMATION: Project listed in MP? Yes	PROJECT NEED	PROJECT SCHEDULE	FY16	FY17	FY18	FY19	FY20	FY21
				1 2 3 4	1 2 3 4	1 2 3 4	1 2 3 4	1 2 3 4	1 2 3 4
		Mandate							
		Council Goal		X X X X	X X X X	X X X X	X X X X	X X X X	X X X X
		Dept. Goal							

PROJECT DESCRIPTION, RATIONALE & OPERATING BUDGET IMPACT

DESCRIPTION:

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

PRIORITY IN RELATION TO OTHER PROJECTS

HIGH ☒

RATIONALE:

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

Berlin experienced a record number of properties taken by tax deed in 2012-2014 (82) creating both a "challenge" and "opportunity", to further address those blighted properties that have a large impact in the neighborhoods in which they are located. The impact of removing blight and increasing lot size has contributed to greater neighborhood pride and improvement in existing homes and properties.

LOW ☐

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. Higher property values through de-densification and/or improvement of neighborhoods.
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 decline in the number of Tax Deeded Properties in 2014 from the record highs in 2012 & 2013 (38 & 31 properties), however the city is only at the half-way mark to address it's 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

EDI Balance: \$44,487 Ends 2015

OPERATING BUDGET IMPACT:

FINANCIAL PLAN

	PRIOR	FY16	FY17	FY18	FY19	FY20	FY21	TOTAL
EXPENDITURES:								
Pre-Design								
Design								
Purch/Const.								
TOTAL								
FUNDING:								
Current Rev.	\$125,000	\$500,000	\$300,000	\$200,000	\$200,000	\$200,000	\$200,000	\$1,725,000
Seg. Funds	\$57,340							\$57,340
Borrow								\$0
Federal	\$0							\$0
State	44,487							\$44,487
Other								\$0
TOTAL	\$226,827	\$500,000	\$300,000	\$200,000	\$200,000	\$200,000	\$200,000	\$1,826,827
OPERATING BUDGET IMPACT:								
Personnel								
Non-Personnel								
Capital								
TOTAL								



CITY OF BERLIN, NH
2016 - 2021 CIP Project Description

GENERAL PROJECT DATA:		MASTER PLAN INFORMATION:		PROJECT NEED	PROJECT SCHEDULE	FY16	FY17	FY18	FY19	FY20	FY21
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 ☐

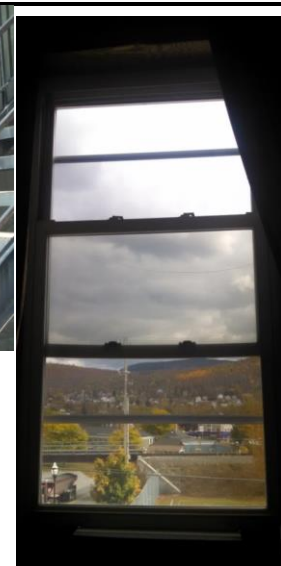
MEDIUM ☒

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	FY16	FY17	FY18	FY19	FY20	FY21	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
2016 - 2021 CIP Project Description

GENERAL PROJECT DATA:		MASTER PLAN INFORMATION:		PROJECT NEED	PROJECT SCHEDULE	FY16				FY17				FY18				FY19				FY20				FY21			
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 ☐

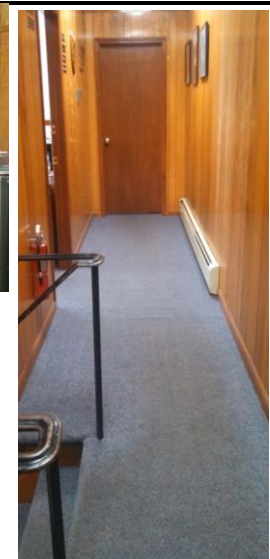
MEDIUM ☒

LOW ☐

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

OPERATING BUDGET IMPACT:

FINANCIAL PLAN								
	PRIOR	FY16	FY17	FY18	FY19	FY20	FY21	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
2016 - 2021 CIP Project Description

GENERAL PROJECT DATA: Project Name: <u>Network Equipment & IT Service</u> Department: Police Location:	MASTER PLAN INFORMATION: Project listed in MP? No.	PROJECT NEED	PROJECT SCHEDULE	FY16	FY17	FY18	FY19	FY20	FY21
				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: Network equipment & IT service

PRIORITY IN RELATION TO OTHER PROJECTS

HIGH ☒

MEDIUM ☐

LOW ☐

RATIONALE: The PD has an extensive computer system, and current wiring is old and in complete disarray. New equipment and wiring will provide a more stable, reliable network; reduce the risk of viruses, and improve completion of security updates. On-site service will be conducted by SNS (the same provider used by the City); their response time will be faster, and all support will be covered. Our current provider is in Nashua, has a four-hour response time, and only provides non-emergency support during business hours; emergency service is provided at an additional cost.

OPERATING BUDGET IMPACT:

FINANCIAL PLAN								
	PRIOR	FY16	FY17	FY18	FY19	FY20	FY21	TOTAL
EXPENDITURES:								
Pre-Design								
Design								
Purch/Const.								
TOTAL								
FUNDING:								
Current Rev.		\$23,420	\$23,470	\$23,470				\$70,360
Seg. Funds								
Borrow								
Federal								
State								
Other								
TOTAL	\$0	\$23,420	\$23,470	\$23,470				\$70,360
OPERATING BUDGET IMPACT:								
Personnel								
Non-Personnel								
Capital								
TOTAL								

CITY OF BERLIN, NH
2016 - 2021 CIP Project Description

GENERAL PROJECT DATA:		MASTER PLAN INFORMATION:		PROJECT NEED		PROJECT SCHEDULE				FY16				FY17				FY18				FY19				FY20				FY21			
Project Name: <u>Paved Parking Area</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: 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	FY16	FY17	FY18	FY19	FY20	FY21	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
2016 - 2021 CIP Project Description

GENERAL PROJECT DATA:		MASTER PLAN INFORMATION:		PROJECT NEED		PROJECT SCHEDULE				FY16				FY17				FY18				FY19				FY20				FY21			
Project Name: <u>Prisoner Cell Area</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

FIRE Replace cells; add door to cell area from ramp; add padded cell.

PRIORITY IN RELATION TO OTHER PROJECTS

COST TO BE DETERMINED

HIGH ☒

MEDIUM ☐

LOW ☐

RATIONALE: The current corridor to the booking area houses radio, electrical, and other sensitive components. Adding a door directly from the ramp to the booking area would prevent the opportunity for prisoners to damage this costly equipment which is critical to the operations of the PD. Cells are also old and unsafe and in need of replacement. A padded cell is also requested for involuntary emergency admissions (IEAs), to assist in preventing injury.

OPERATING BUDGET IMPACT:

FINANCIAL PLAN

	PRIOR	FY16	FY17	FY18	FY19	FY20	FY21	TOTAL
EXPENDITURES:								
Pre-Design								
Design								
Purch/Const.								
TOTAL								
FUNDING:								
Current Rev.								
Seg. Funds								
Borrow								
Federal								
State								
Other								
TOTAL								
OPERATING BUDGET IMPACT:								
Personnel								
Non-Personnel								
Capital								
TOTAL								



CITY OF BERLIN, NH
2016 - 2021 CIP Project Description

GENERAL PROJECT DATA:			MASTER PLAN INFORMATION: Project listed in MP?		PROJECT NEED	PROJECT SCHEDULE	FY16				FY17				FY18				FY19				FY20				FY21			
Project Name: <u>Rte. 110 Sewer Extension</u>							1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4				
Department: Engineering					Mandate																									
Location:					Council Goal																									
					Dept. Goal	x	x																							

PROJECT DESCRIPTION, RATIONALE & OPERATING BUDGET IMPACT

DESCRIPTION: Extend Sewer Service over 2 miles

PRIORITY IN RELATION TO OTHER PROJECTS

HIGH ☐

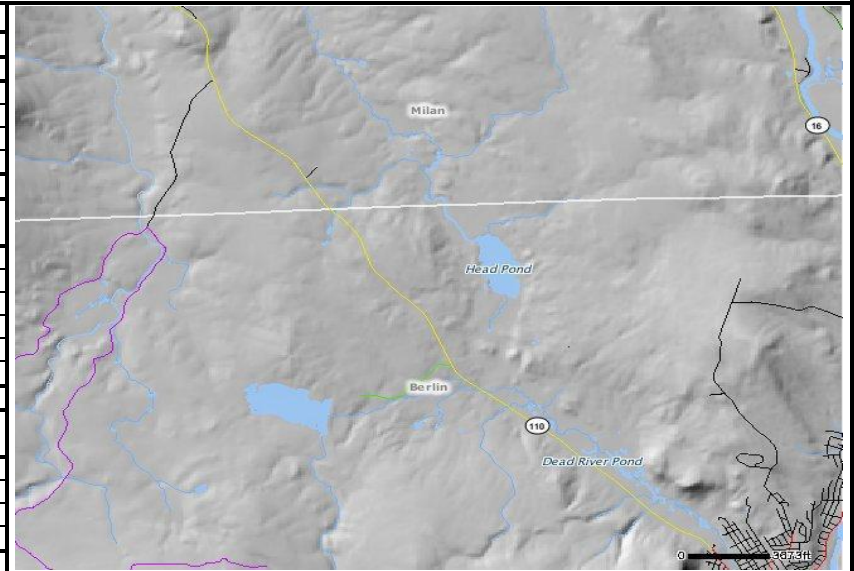
MEDIUM ☒

LOW ☐

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

OPERATING BUDGET IMPACT:

FINANCIAL PLAN								
	PRIOR	FY16	FY17	FY18	FY19	FY20	FY21	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
2016 - 2021 CIP Project Description

GENERAL PROJECT DATA:		MASTER PLAN INFORMATION: Project listed in MP?	PROJECT NEED		PROJECT SCHEDULE		FY16				FY17				FY18				FY19				FY20				FY21			
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	FY16	FY17	FY18	FY19	FY20	FY21	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
2016 - 2021 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		FY16				FY17				FY18				FY19				FY20				FY21			
						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	FY16	FY17	FY18	FY19	FY20	FY21	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.								
Seg. Funds								
Borrow								
Federal								
State								
Other								
TOTAL								
OPERATING BUDGET IMPACT:								
Personnel								
Non-Personnel								
Capital								
TOTAL								



CITY OF BERLIN, NH
2016 - 2021 CIP Project Description

GENERAL PROJECT DATA:		MASTER PLAN INFORMATION: Project listed in MP? yes	PROJECT NEED		PROJECT SCHEDULE				FY16				FY17				FY18				FY19				FY20				FY21			
Project Name: <u>Moving Downtown Forward</u>						1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4			
Department: Planning/Berlin Main Street Program			Mandate																													
Location: Downtown Berlin			Council Goal	X																												
			Dept. Goal	X																												

PROJECT DESCRIPTION, RATIONALE & OPERATING BUDGET IMPACT

DESCRIPTION:

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

RATIONALE:

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

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

PRIORITY IN RELATION TO OTHER PROJECTS

HIGH ☒

MEDIUM ☐

LOW ☐

OPERATING BUDGET IMPACT:

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

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

FINANCIAL PLAN								
	PRIOR	FY16	FY17	FY18	FY19	FY20	FY21	TOTAL
EXPENDITURES:								
Pre-Design								
Design								
Purch/Const.	14 ,000	65,000	25,000					104,000
TOTAL	\$14,000	65,000						\$104,000
FUNDING:								
Current Rev.	\$14,000	\$65,000	\$25,000					\$104,000
Seg. Funds								
Borrow								
Federal								
State								
Other								
TOTAL	\$14,000	\$65,000	\$25,000					\$104,000
OPERATING BUDGET IMPACT:								
Personnel								
Non-Personnel								
Capital	14,000	65,000	25,000					104,000
TOTAL	\$14,000	\$65,000	\$25,000					\$104,000



CITY OF BERLIN, NH
2016 - 2021 CIP Project Description

<div>GENERAL PROJECT DATA:</div> <div>Project Name: <u>IT Initiative</u></div> <div>Department: Planning</div> <div>Location:</div>		<div>MASTER PLAN INFORMATION:</div> <div>Project listed in MP?</div>		PROJECT NEED		PROJECT SCHEDULE		FY16				FY17				FY18				FY19				FY20				FY21			
								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

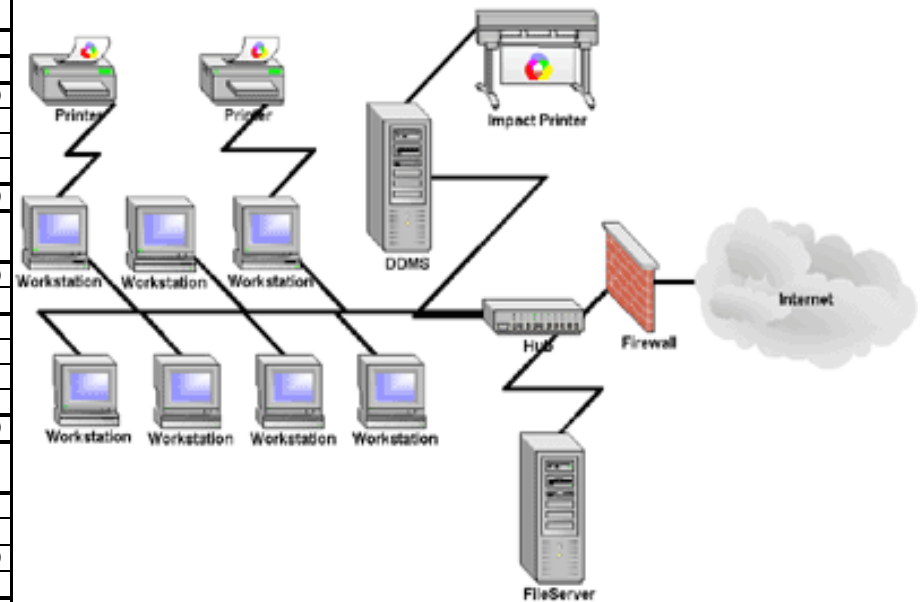
	PRIOR	FY16	FY17	FY18	FY19	FY20	FY21	TOTAL
EXPENDITURES:								
Pre-Design		\$70,000	\$70,000	\$40,000	\$10,000	\$15,000	\$10,000	\$215,000
Design								
Purch/Const.								
TOTAL		\$70,000	\$70,000	\$40,000	\$10,000	\$15,000	\$10,000	\$215,000

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		70,000	\$70,000	\$40,000	\$10,000	\$15,000	\$10,000	215,000
TOTAL		\$70,000	\$70,000	\$40,000	\$10,000	\$15,000	\$10,000	\$215,000



CITY OF BERLIN, NH
2016 - 2021 CIP Project Description

GENERAL PROJECT DATA:		MASTER PLAN INFORMATION:		PROJECT NEED		PROJECT SCHEDULE				FY16				FY17				FY18				FY19				FY20				FY21			
Project Name: BPCF Cost Replacement		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: BPCF				Mandate																													
Council Goal																																	
Location: Main Plant and Pump Stations				Dept. Goal		x		X		X				X				X				X				X				X			

PROJECT DESCRIPTION, RATIONALE & OPERATING BUDGET IMPACT

DESCRIPTION: Miscellaneous WWTF capital items
Pump Station Pumps: Watson Street \$ 45,000
Replace Septic Pumps \$ 39,000
Fenceline Replacements \$ 40,000

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:

PRIORITY IN RELATION TO OTHER PROJECTS

HIGH ☐

MEDIUM ☒

LOW ☐

FINANCIAL PLAN

	PRIOR	FY16	FY17	FY18	FY19	FY20	FY21	TOTAL
EXPENDITURES:								
Pre-Design								
Design								
Purch/Const.		50,000	50,000	50,000	50,000	50,000	50,000	300,000
TOTAL		\$50,000	\$50,000	\$50,000	\$50,000	\$50,000	\$50,000	\$300,000
FUNDING:								
Current Rev.		50,000	50,000	50,000	50,000	50,000	50,000	\$300,000
Seg. Funds								
Borrow								
Federal								
State								
Other								
TOTAL		\$50,000	\$50,000	\$50,000	\$50,000	\$50,000	\$50,000	\$300,000
OPERATING BUDGET IMPACT:								
Personnel								
Non-Personnel								
Capital								
TOTAL								



CITY OF BERLIN, NH
2016 - 2021 CIP Project Description

GENERAL PROJECT DATA:		MASTER PLAN INFORMATION: Project listed in MP?	PROJECT NEED		PROJECT SCHEDULE				FY16				FY17				FY18				FY19				FY20				FY21			
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: WWTF			Mandate																													
Council Goal																																
Location: Various			Dept. Goal						x		x		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 ☐

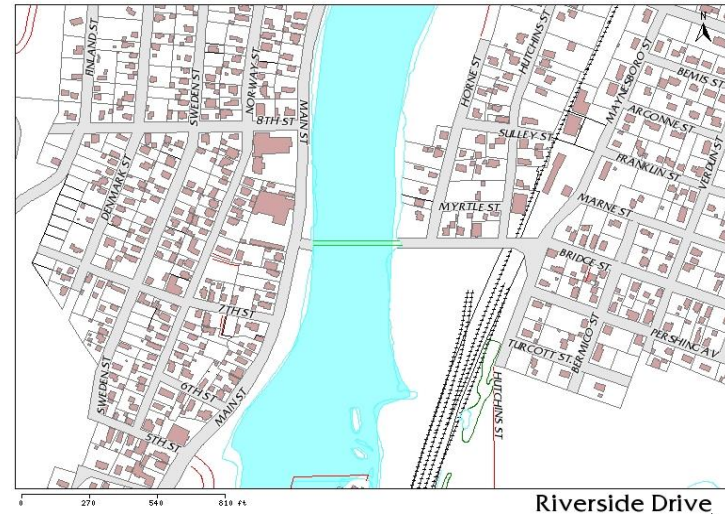
LOW ☐

RATIONALE: Update mapping in comprehensive GIS

OPERATING BUDGET IMPACT:

FINANCIAL PLAN

	PRIOR	FY16	FY17	FY18	FY19	FY20	FY21	TOTAL
EXPENDITURES:								
Pre-Design								
Design								
Purch/Const.		10,000	10,000	10,000	5,000	5,000	5,000	45,000
TOTAL		\$10,000	\$10,000	\$10,000	\$5,000	\$5,000	\$5,000	\$45,000
FUNDING:								
Current Rev.		\$10,000	\$10,000	\$10,000	5,000	5,000	5,000	\$45,000
Seg. Funds								
Borrow								
Federal								
State								
Other								
TOTAL		\$10,000	\$10,000	\$10,000	\$5,000	\$5,000	\$5,000	\$45,000
OPERATING BUDGET IMPACT:								
Personnel								
Non-Personnel								
Capital								
TOTAL								



CITY OF BERLIN, NH
2016 - 2021 CIP Project Description

GENERAL PROJECT DATA:		MASTER PLAN INFORMATION: Project listed in MP?	PROJECT NEED	PROJECT SCHEDULE	FY16				FY17				FY18				FY19				FY20				FY21			
Project Name:	Sanitary 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:	WWTP		Mandate																									
Location:	Various		Council Goal																									
			Dept. Goal	x				x		x			x		x		x		x		x			x				

PROJECT DESCRIPTION, RATIONALE & OPERATING BUDGET IMPACT

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

Upper Hillsboro St	120000	11th St	50000	
Main Street structures	150000	Willard St	70000	
Goebel Street	120000	Pleasant St Structures	140000	
Viking Street	70000	Norway St	60000	
Sweden Street	60000			
	520000		320000	840000

PRIORITY IN RELATION TO OTHER PROJECTS

HIGH ☒

MEDIUM ☐

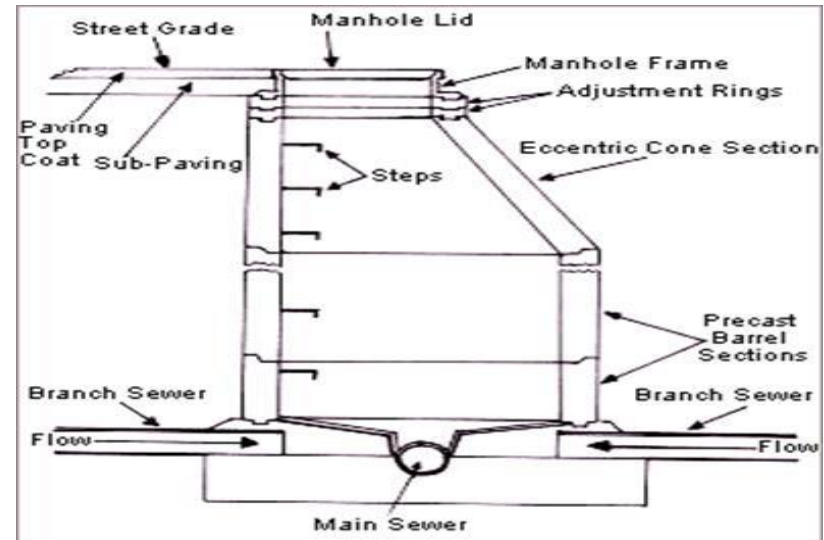
LOW ☐

RATIONALE: Replace lines that are leaking which will also reduce inflow & infiltration sources
(Cost/Benefit, Need and/or Service Standard)

OPERATING BUDGET IMPACT:

FINANCIAL PLAN

	PRIOR	FY16	FY17	FY18	FY19	FY20	FY21	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.		\$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
2016 - 2021 CIP Project Description

GENERAL PROJECT DATA:		MASTER PLAN INFORMATION: Project listed in MP?	PROJECT NEED	PROJECT SCHEDULE	FY16				FY17				FY18				FY19				FY20				FY21			
Project Name:	Design Build Modern Septage Unloading Facility				1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4
Department:	Pollution Control Facility		Mandate																									
Location:	Septic Tank or Brown Farm Pump Station		Council Goal																									
		NO	Dept. Goal	x					x	x	x																	

PROJECT DESCRIPTION, RATIONALE & OPERATING BUDGET IMPACT

DESCRIPTION: Design modern unloading station with proper Grinding Equipment, with flow metering or with load weighing, and with a secure login access station. Prepare appropriate plans for Bidding; assist with the bid process; and help supervise construction

PRIORITY IN RELATION TO OTHER PROJECTS

HIGH ☐

MEDIUM ☒

LOW ☐

RATIONALE: Rags and coarse materials come through from the Septic Tank and get hung up in Clarifier Weirs, blinding and short-circuiting flow; this new unloading station should remove these from our waste stream. Flow metering or load weighing is for more accurate billing. The secure login access station is for remote access and to not always require an Operator to be available when unloading

OPERATING BUDGET IMPACT:

Rapid throughput should encourage more septic deliveries, increasing revenue. Rags and coarse materials require Operator time to remove, sometimes from plugged pumps. This should promote optimal operation of Aeration Tanks and Clarifiers.

FINANCIAL PLAN								
	PRIOR	FY16	FY17	FY18	FY19	FY20	FY21	TOTAL
EXPENDITURES:								
Pre-Design		\$10,000						
Design		25,000	100,000					
Purch/Const.			500,000	200,000				700,000
TOTAL		\$35,000	\$600,000	\$200,000				\$835,000
FUNDING:								
Current Rev.		\$35,000	\$600,000	\$200,000				\$835,000
Seg. Funds								
Borrow								
Federal								
State								
Other								
TOTAL		\$35,000	\$600,000	\$200,000				\$835,000
OPERATING BUDGET IMPACT:								
Personnel		(\$2,880)	(\$2,880)	(\$2,160)	(\$1,620)	(\$1,215)	(\$911)	(\$11,666)
Non-Personnel								
Capital				(10,000)	(10,000)	(10,000)	(10,000)	(40,000)
TOTAL		(\$2,880)	(\$2,880)	(\$12,160)	(\$11,620)	(\$11,215)	(\$10,911)	(\$51,666)



CITY OF BERLIN, NH
2016 - 2021 CIP Project Description

GENERAL PROJECT DATA: Project Name: <u>Purchase VAC Truck for Sewer Crew Use</u>		MASTER PLAN INFORMATION: Project listed in MP?	PROJECT NEED		PROJECT SCHEDULE				FY16				FY17				FY18				FY19				FY20				FY21			
					1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4				
Department:	Pollution Control Facility	No	Mandate	x				x	x																							
			Council Goal																													
Location:	Public Works Garage		Dept. Goal	x					x	x																						

PROJECT DESCRIPTION, RATIONALE & OPERATING BUDGET IMPACT

DESCRIPTION: Purchase new modern 7 yard Vacuum Truck with attachments to clean out Manholes, Sewer Lines, suck up spills, clean tankage and sumps

RATIONALE: Existing equipment (Big Red) inadequate for the job and expensive to operate and now out of service. CMOM Section 3.a. says "Our primary sewer maintenance activity is sewer line cleaning" and describes a Program of Cleaning, Inspection and Assessment of Sewer Structures. This equipment is the foundation on which such a Program is based. New equipment will be more efficient in fuel consumption and more productive for labor.

OPERATING BUDGET IMPACT:

Sewer Fund can acquire this equipment outright. Reduction in Labor required to perform cleaning tasks will free up manpower for other projects now unachievable.

PRIORITY IN RELATION TO OTHER PROJECTS

HIGH ☒

MEDIUM ☐

LOW ☐

FINANCIAL PLAN

	PRIOR	FY16	FY17	FY18	FY19	FY20	FY21	TOTAL
EXPENDITURES:								
Pre-Design								
Design								
Purch/Const.	70,000	70,000	70,000	70,000	70,000			350,000
TOTAL	70,000	70,000	70,000	70,000	70,000			\$350,000
FUNDING:								
Current Rev.	\$70,000	\$70,000	\$70,000	\$70,000	\$70,000			\$350,000
Seg. Funds								
Borrow								
Federal								
State								
Other								
TOTAL	70,000	70,000	70,000	70,000	70,000			\$350,000
OPERATING BUDGET IMPACT:								
Personnel		(\$14,400)	(\$12,960)	(\$11,664)	(\$10,498)	(\$9,448)	(\$8,503)	(\$67,473)
Non-Personnel		(6,968)	(6,968)	(6,968)	(6,968)	(6,968)	(6,968)	(41,808)
Capital								
TOTAL		(\$21,368)	(\$19,928)	(\$18,632)	(\$17,466)	(\$16,416)	(\$15,471)	(\$109,281)



CITY OF BERLIN, NH
2016 - 2021 CIP Project Description

GENERAL PROJECT DATA:		MASTER PLAN INFORMATION:	PROJECT NEED	PROJECT SCHEDULE	FY16				FY17				FY18				FY19				FY20				FY21			
Project Name:	Masts & Light Fixtures for Outside Lighting	Project listed in MP?			1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4
Department:	Pollution Control Facility	No	Mandate																									
Location:	Public Works Garage		Council Goal																									
			Dept. Goal	x					x		x																	

PROJECT DESCRIPTION, RATIONALE & OPERATING BUDGET IMPACT

DESCRIPTION: Replace 2 existing 75 foot outdoor lights with new masts and light fixtures; mount local control stations to operate new lighting

PRIORITY IN RELATION TO OTHER PROJECTS

RATIONALE: Close inspection of a mast removed for the current Project revealed heavy rust buildup under overlapping pipes and some dimpling of the metal near these locations. Our Engineers inspected it and recommended we replace them. Modern light fixtures will provide a better ambient light than the High Pressure Sodium ones we have, and also be directional so we can illuminate new work areas developed by the Project

HIGH ☐

MEDIUM ☐

LOW ☒

OPERATING BUDGET IMPACT:

Energy savings from new fixtures (LED), better coverage between Primary and Secondary Clairfier (Safety), and security that Masts will not fail and cause damage to neighboring structures. Local Control Stations will allow control in the field where light is needed.

FINANCIAL PLAN

	PRIOR	FY16	FY17	FY18	FY19	FY20	FY21	TOTAL
EXPENDITURES:								
Pre-Design								
Design		2,500						2,500
Purch/Const.		40,000						40,000
TOTAL		\$42,500						\$42,500
FUNDING:								
Current Rev.		\$42,500						\$42,500
Seg. Funds								
Borrow								
Federal								
State								
Other								
TOTAL		\$42,500						\$42,500
OPERATING BUDGET IMPACT:								
Personnel								
Non-Personnel		100	100	100	100	100	100	600
Capital								
TOTAL		\$100	\$100	\$100	\$100	\$100	\$100	\$600



CITY OF BERLIN, NH
2016 - 2021 CIP Project Description

GENERAL PROJECT DATA:		MASTER PLAN INFORMATION: Project listed in MP?	PROJECT NEED	PROJECT SCHEDULE	FY16				FY17				FY18				FY19				FY20				FY21			
Project Name:	Long Term CSO Control Plan				1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4
Department:	Pollution Control Facility		Mandate																									
Location:	Public Works Garage		Council Goal																									
		No	Dept. Goal	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: 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

RATIONALE: 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.

HIGH ☒

MEDIUM ☐

LOW ☐

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	FY16	FY17	FY18	FY19	FY20	FY21	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	\$100,000	\$100,000	\$660,000	\$680,000	\$650,000	\$100,000	\$2,300,000
Seg. Funds								
Borrow								
Federal								
State								
Other								
TOTAL	\$10,000	\$100,000	\$100,000	\$660,000	\$680,000	\$650,000	\$100,000	\$2,300,000
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
2016 - 2021 CIP Project Description

GENERAL PROJECT DATA:		MASTER PLAN INFORMATION: Project listed in MP?	PROJECT NEED	PROJECT SCHEDULE	FY16				FY17				FY18				FY19				FY20				FY21			
Project Name:	Replace Covers of 2 Thickeners with New Domes				1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4
Department:	Pollution Control Facility		Mandate																									
Location:	Public Works Garage		Council Goal																									
		No	Dept. Goal	x					x	x	x	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

RATIONALE: Original covers are made of Fiberglass and are fraying and cracking; appearance is poor and does not meet current Roof Loading requirements. Overhead clearance inside existing covers limits work ability. Domes protect the equipment and employees working there against extreme cold weather

HIGH ☐

MEDIUM ☐

LOW ☒

OPERATING BUDGET IMPACT:

Excluded from our upgrade project by Value Engineering recommendations, now has to be purchased out of Capital Budget; higher interest rate, shorter payoff time increase this cost, or deplete Sewer fund balance. Ventilators will be added on to freshen and dehumidify the enclosed space.

FINANCIAL PLAN								
	PRIOR	FY16	FY17	FY18	FY19	FY20	FY21	TOTAL
EXPENDITURES:								
Pre-Design								
Design		2,500						2,500
Purch/Const.		250,000	175,000					425,000
TOTAL		\$252,500	\$175,000					\$427,500
FUNDING:								
Current Rev.		\$250,000	\$175,000					\$425,000
Seg. Funds								
Borrow								
Federal								
State								
Other								
TOTAL		\$250,000	\$175,000					\$425,000
OPERATING BUDGET IMPACT:								
Personnel								
Non-Personnel		250	100	100	100	100	100	750
Capital								
TOTAL		\$250	\$100	\$100	\$100	\$100	\$100	\$750



CITY OF BERLIN, NH
2016 - 2021 CIP Project Description

GENERAL PROJECT DATA:		MASTER PLAN INFORMATION: Project listed in MP?	PROJECT NEED	PROJECT SCHEDULE	FY16				FY17				FY18				FY19				FY20				FY21			
Project Name:	Replace 40 Foot Boiler Chimney/Smokestack				1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4
Department:	Pollution Control Facility		Mandate																									
Location:	Public Works Garage		Council Goal																									
		No	Dept. Goal	x																								

PROJECT DESCRIPTION, RATIONALE & OPERATING BUDGET IMPACT

DESCRIPTION: Replace original Steel Smokestack with new one on original base using existing wall penetration.
Provide structural supports as attachments to building, drains and cleanout box at base.

RATIONALE: Original corten steel smokestack has corroded through below T-intercept from Boiler and is not structurally sound; new Boiler controls conserve heat more efficiently, so exhaust gases are more likely to condense in smokestack and react with the metal, eating it away

OPERATING BUDGET IMPACT:
Maintain boiler efficiency over the life of the boiler. Sewer Fund has equity to pay for this.

PRIORITY IN RELATION TO OTHER PROJECTS

HIGH ☐

MEDIUM ☐

LOW ☒

FINANCIAL PLAN

	PRIOR	FY16	FY17	FY18	FY19	FY20	FY21	TOTAL
EXPENDITURES:								
Pre-Design								
Design		2,500						2,500
Purch/Const.		15,000						15,000
TOTAL		\$17,500						\$17,500
FUNDING:								
Current Rev.		\$17,500						\$17,500
Seg. Funds								
Borrow								
Federal								
State								
Other								
TOTAL		\$17,500						\$17,500
OPERATING BUDGET IMPACT:								
Personnel								
Non-Personnel								
Capital								
TOTAL								



CITY OF BERLIN, NH
2016 - 2021 CIP Project Description

GENERAL PROJECT DATA:		MASTER PLAN INFORMATION: Project listed in MP?	PROJECT NEED	PROJECT SCHEDULE	FY16				FY17				FY18				FY19				FY20				FY21			
Project Name:	Design and Install Backup Power for 3 RAS Pinch Valves				1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4
Department:	Pollution Control Facility		Mandate																									
Location:	Public Works Garage		Council Goal																									
		No	Dept. Goal	x					x	x	x																	

PROJECT DESCRIPTION, RATIONALE & OPERATING BUDGET IMPACT

DESCRIPTION: Design and install an Uninterruptible Power Supply (UPS) adequate to close 3 RAS Pinch Valves and hold them closed during a Power Outage

RATIONALE: In an emergency new RAS Pinch Valves will not close due to loss of Power; this will lead to an overflow of Secondary Sludge out of the RAS tank. An Uninterruptible Power Supply (UPS) would provide the power to close these valves and hold them closed, to prevent the unpermitted discharge described above

OPERATING BUDGET IMPACT:
 New load on our Power Service; another set of batteries to replace on a routine basis

PRIORITY IN RELATION TO OTHER PROJECTS

HIGH ☐

MEDIUM ☒

LOW ☐

FINANCIAL PLAN

	PRIOR	FY16	FY17	FY18	FY19	FY20	FY21	TOTAL
EXPENDITURES:								
Pre-Design								
Design		2,500						2,500
Purch/Const.			12,500					12,500
TOTAL		\$2,500	\$12,500					\$15,000
FUNDING:								
Current Rev.		\$2,500	\$12,500					\$15,000
Seg. Funds								
Borrow								
Federal								
State								
Other								
TOTAL		\$2,500	\$12,500					\$15,000
OPERATING BUDGET IMPACT:								
Personnel								
Non-Personnel								
Capital								
TOTAL								



CITY OF BERLIN, NH
2016 - 2021 CIP Project Description

GENERAL PROJECT DATA:		MASTER PLAN INFORMATION: Project listed in MP?	PROJECT NEED	PROJECT SCHEDULE	FY16				FY17				FY18				FY19				FY20				FY21			
Project Name:	<u>Design and Install Metal Covers for both Chlorine Contact Tanks</u>		Mandate			1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4			
			Council Goal																									
			Dept. Goal	x						x		x		x														
Department:	Pollution Control Facility	No																										
Location:	Public Works Garage																											

PROJECT DESCRIPTION, RATIONALE & OPERATING BUDGET IMPACT

DESCRIPTION: Design and install replacement covers for 2 Chlorine Contact Tanks. Covers should be 1/4" Aluminum plates of diamond-deck with reinforcement struts welded on, and a lifting handle. They should be hinged and of a size one man can handle easily.

RATIONALE: Frequent maintenance of the wood cross members is time and material intensive; new metal covers would be impervious to the weather and moisture, eliminating this routine maintenance. Wood covers are heavy and awkward to handle, requiring two people to manipulate; metal covers would be sized for ease of removal and maintenance of the tanks and their equipment

PRIORITY IN RELATION TO OTHER PROJECTS

HIGH ☐

MEDIUM ☐

LOW ☒

OPERATING BUDGET IMPACT:

FINANCIAL PLAN								
	PRIOR	FY16	FY17	FY18	FY19	FY20	FY21	TOTAL
EXPENDITURES:								
Pre-Design								
Design		2,500						2,500
Purch/Const.			25,000					25,000
TOTAL		\$2,500	\$25,000					\$27,500
FUNDING:								
Current Rev.		\$2,500	\$25,000					\$27,500
Seg. Funds								
Borrow								
Federal								
State								
Other								
TOTAL		\$2,500	\$25,000					\$27,500
OPERATING BUDGET IMPACT:								
Personnel								
Non-Personnel								
Capital								
TOTAL								



CITY OF BERLIN, NH
2016 - 2021 CIP Project Description

GENERAL PROJECT DATA:			MASTER PLAN INFORMATION: Project listed in MP?	PROJECT NEED	PROJECT SCHEDULE	FY16				FY17				FY18				FY19				FY20				FY21			
Project Name: <u>AV Fuel Storage System</u>						1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4
Department: Berlin Regional Airport				Mandate						X X X X																			
Location: 800 East Side River Road, Milan				Council Goal																									
				Dept. Goal	X																								

PROJECT DESCRIPTION, RATIONALE & OPERATING BUDGET IMPACT

DESCRIPTION: Replace our existing AVgas fuel storage system with a new 6000 gallon tank
Upgrade both our rotating beacons and windsock.
Overlay pavement on 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	FY16	FY17	FY18	FY19	FY20	FY21	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
2016 - 2021 CIP Project Description

GENERAL PROJECT DATA: Project Name: Master Plan Update Department: Airport Location: 800 East Side River Road, Milan		MASTER PLAN INFORMATION: Project listed in MP?	PROJECT NEED		PROJECT SCHEDULE				FY16				FY17				FY18				FY19				FY20				FY21			
			Mandate																X													
			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	FY16	FY17	FY18	FY19	FY20	FY21	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
2016 - 2021 CIP Project Description

GENERAL PROJECT DATA:			MASTER PLAN INFORMATION: Project listed in MP?	PROJECT NEED		PROJECT SCHEDULE				FY16				FY17				FY18				FY19				FY20				FY21			
Project Name: <u>Wildlife Hazard Assessment</u>				Mandate	X																												
Department: Berlin Regional Airport				Council Goal																													
Location:				Dept. Goal																													

PROJECT DESCRIPTION, RATIONALE & OPERATING BUDGET IMPACT

DESCRIPTION: Conduct a Wildlife Hazard Assessment.
and reconstruct the pavement on Hangar Alley.

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:

PRIORITY IN RELATION TO OTHER PROJECTS

HIGH ☒

MEDIUM ☐

LOW ☐

FINANCIAL PLAN								
	PRIOR	FY16	FY17	FY18	FY19	FY20	FY21	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
2016 - 2021 CIP Project Description

GENERAL PROJECT DATA:			MASTER PLAN INFORMATION: Project listed in MP?	PROJECT NEED	PROJECT SCHEDULE	FY16				FY17				FY18				FY19				FY20				FY21			
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				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	FY16	FY17	FY18	FY19	FY20	FY21	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
2016 - 2021 CIP Project Description

GENERAL PROJECT DATA:		MASTER PLAN INFORMATION: Project listed in MP?	PROJECT NEED	PROJECT SCHEDULE	FY16				FY17				FY18				FY19				FY20				FY21			
Project Name: <u>Hazard Beacon Line Clearing & Replacement of HVAC in Terminal Building</u>	Department: Berlin Regional Airport Location: 800 East Side River Road, Milan		Mandate		X	X																						
			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	FY16	FY17	FY18	FY19	FY20	FY21	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								

