

# **2017-2022 Capital Improvement Plan**



# City of Berlin, NH

City Manager's Office



Date: February 2, 2016  
To: Mayor and Council  
Planning Board  
From: Jim Wheeler, City Manager  
Subject: Six Year Capital Improvement Plan

Enclosed is the proposed Six Year Capital Improvement Plan (CIP) for FY 2017 through FY 2022 for the City of Berlin. The CIP is an important budget document for the City in that it should enable the City to look into the future with respect to its plans and finances and set a path for the future that works within the City's financial condition and allows the City to achieve its goals. If the CIP is properly developed over time, the actions and goals which stem from it will become much more far-reaching than the Annual Operating Budget (AOB). The Annual Operating Budget then becomes simply an annual means for implementing the direction set by the Mayor and Council with the CIP. This CIP is submitted to you for your review, adjustment and approval.

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

## Capital Project Definition

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

## Capital Inventory

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

### City Funds

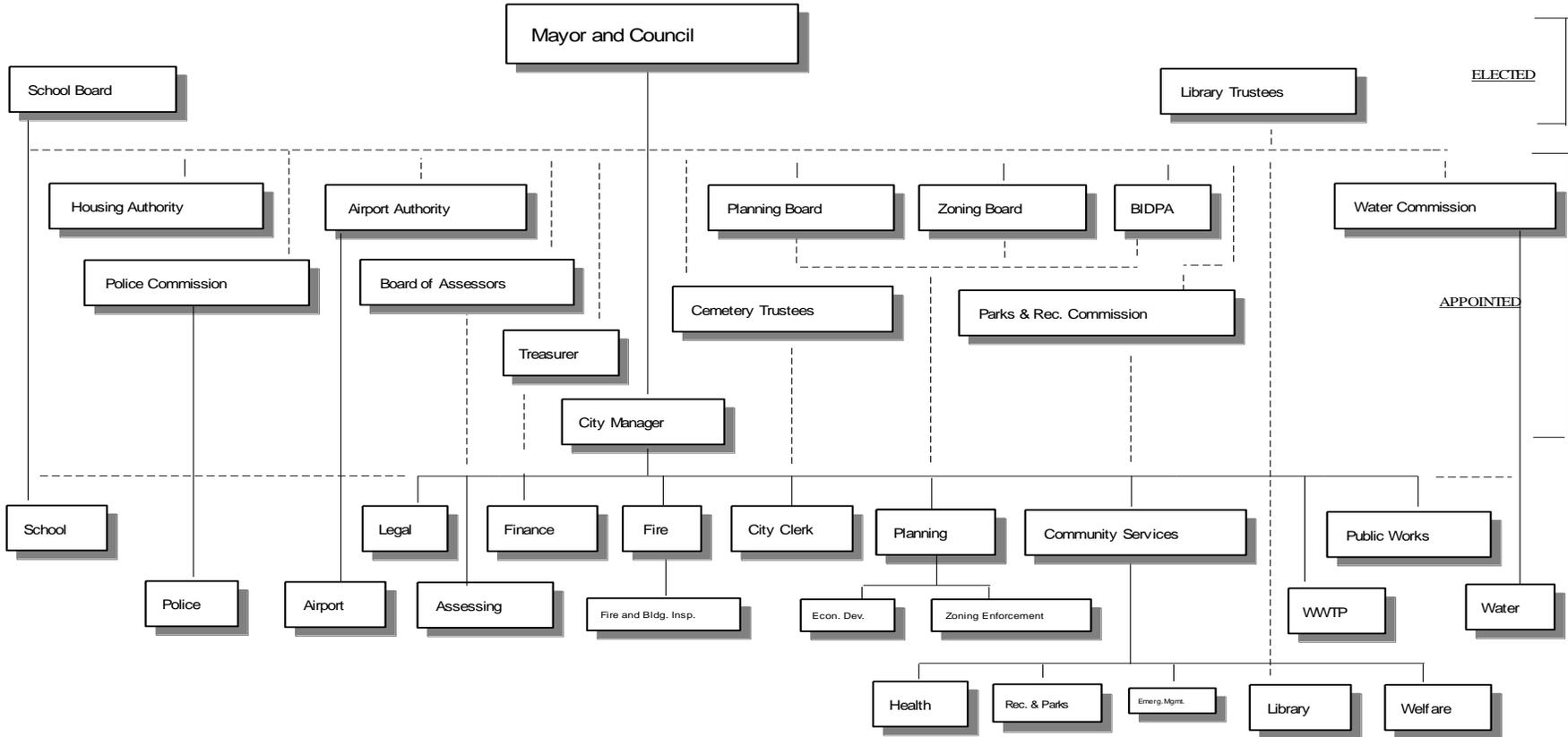
It is important to note that the City government is broken down financially into a number of separate funds. This CIP therefore is broken down into separate City Funds as well. The first and by far the largest of these funds is the General Fund. This Fund includes most of the operating Departments of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

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

### Organization and What City Departments Do

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

# City of Berlin Organization Chart



\_\_\_\_\_ LINE OF AUTHORITY  
 - - - - - INDIRECT AUTHORITY, APPOINTED, COMMUNICATION AND/OR STAFF SUPPORT

## **Schools**

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

## **Police Department**

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

## **Fire Department**

- Provide fire suppression

- Fire prevention;
  - Code enforcement;
  - Building inspector
  - Life safety inspections
  - Plans review.
  - Meet with building owners, developers.
- Response services; mutual aid.
- Minimal Hazmat.
- Individuals trained in the department.
- Water rescue; oil spill in the river.
- High angle rescue with Mt. Forist in the boundaries.
- Fire investigations with PD and State Fire Marshall.
- Work with PWD.
- Incident data collections - need to report each incident.
- Training
- Rescue animals.
- Forestry permits
- Permits for alarm systems, sprinklers.
- Business management

### **Public Works Department**

- Street maintenance
- Cleaning
- Traffic sign maintenance & installation
- Vehicle maintenance
- Street striping
- Storm sewer maintenance
- Sanitary sewer maintenance
- Snow removal
- Bridge maintenance
- Solid waste collection
- Closed landfill maintenance
- Building maintenance
- Fuel oil gasoline distribution
- Cemetery maintenance
- Election set up and break down
- Airport maintenance
- Special project construction
- Business management
- Provide services for other departments
- Engineering & misc.
  - Construction inspection
  - Administer street opening contract

- Administer various construction contract ( road restoration, landfill closure, WWTP upgrades, sewer system upgrades)
- Special project planning, administration constructions
- Tendency to get involved with anything & everything
- Record drawing depository
- Subdivision site plan review
- Minor construction surveying
- Landfills post closure monitoring
- Street addressing
- Sewer abatement

### **Wastewater Treatment Plant**

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

### **Cemeteries**

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

### **Airport**

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

## **Community Services Group**

### Library

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

### Welfare Department:

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

### Recreation & Parks

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

### Emergency Management

- Planning
- Fund administration
- Plan development
- Publicity
- Equipment
- Assessment
- Community resources
- Training
- Grants
- Risk management
- Committee development
- Committee management
- Emergency response
- Networking
- Publicity and education

### Health Department

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

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

**City Clerk**

- Vital records
- Issue marriage licenses
- Secretary to mayor and council
- Regular meeting agenda
- Minutes
- Research, maintain code updates
- Issue licenses for junk yards - \$25
- Taxi cab operator licenses - \$25
- Issue video licenses, \$10 per machine
- Vendor peddler license
- Hunting/fishing licenses
- Permits for road tolls, raffles; no money involved
- Parades, sidewalk sale gets permission.
- Record and file documents: articles of agreement kept on file for \$5
- New poles (PSNH, telephone) license fee set at \$10
- File contracts
- Wetland permits \$5
- File deeds, leases and agreements
- File UCC's.
- File tax liens and hospital lien, \$15.
- Administer oaths to new board members.
- Fish and game licenses
- Board or commission list if there is a vacancy.
- Oversee building maintenance for City Hall
- Coordinate elections.
- Maintain city cemeteries in coordination with Cemetery Trustees
- Register Voters
- Maintain Voter Checklists
- Supervise Election Staff (44)

- Genealogy Research
- Issue Birth Certificates
- Issue Death Certificates
- Monthly Reports to Division of Vital Records
- Monthly Fish & Game Report
- File/Vault Records for other City Departments
- Notarize Documents
- Weekly Account Reconciliation
- Sell Cemetery Lots
- Maintain Cemetery Records
- Secretary/bookkeeper to Cemetery Trustees
- Post and Record Minutes of Cemetery Trustee Meetings

### **Planning**

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

### **Finance**

- Motor vehicle registrations
- Property tax billing and collection
- Sewer billing and collection
- Tax liens and tax deed takings
- Daily cash receipts; daily cash reconciliation and deposit.
- Dog licenses;
- Monthly reconciliation of accounts;
- Daily monthly and annual reports for state agencies, DRA, DMV.
- Requests for individual property tax information.
- Gasboy accounts; issue keys; process transactions; monthly billing (provide gas to non-profits, state, sheriffs)
- Central Services Internal Billing: telephone, photocopies, office supplies, postage

- Reconcile Financial statement to bank statement
- Process incoming and outgoing mail
- Bank daily deposits
- Enroll new employees
- Process and record payroll
- Federal and state reporting of payroll info
- Payroll/benefits
- Accounts payable
- HR record keeping and employee information
- Monthly financial reporting to council and department heads
- Acquire and manage the annual financial audit
- Prepare annual reporting to the DRA
- Prepare for tax rate setting
- Budgetary functions: monitor the budget, analyze accounts, identify problem area
- Long range revenue and expenditure forecasting
- Cash flow projections
- Manage capital assets in accordance with GASB34.
- Risk Management – acquire and manage city insurance
- Manage city investments
- Set and maintain financial standard and practices for all departments

### **Assessing**

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



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

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

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

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

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

**CITY OF BERLIN, NH**  
**2017 - 2022 CIP Project Description**

GENERAL PROJECT DATA: <b>Project Name:</b> <u>Assessing Contract &amp; Utility Valuation</u>  Department: Location:	MASTER PLAN INFORMATION: Project listed in MP?	PROJECT NEED	PROJECT SCHEDULE	FY17				FY18				FY19				FY20				FY21				FY22							
				1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4
		Mandate																													
		Council Goal																													
		Dept. Goal																													

PROJECT DESCRIPTION, RATIONALE & OPERATING BUDGET IMPACT

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

**PRIORITY IN RELATION TO OTHER PROJECTS**

- HIGH
- MEDIUM
- LOW

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

**OPERATING BUDGET IMPACT:**

**FINANCIAL PLAN**

	PRIOR	FY17	FY18	FY19	FY20	FY21	FY22	TOTAL
<b>EXPENDITURES:</b>								
Pre-Design								
Design								
Purch/Const.								
<b>TOTAL</b>								
<b>FUNDING:</b>								
Current Rev.		\$45,500				\$142,000		\$187,500
Seg. Funds								
Borrow								
Federal								
State								
Other								
<b>TOTAL</b>		\$45,500				\$142,000		\$187,500
<b>OPERATING BUDGET IMPACT:</b>								
Personnel								
Non-Personnel								
Capital								
<b>TOTAL</b>								





**CITY OF BERLIN, NH**  
**2017 - 2022 CIP Project Description**

GENERAL PROJECT DATA:		MASTER PLAN INFORMATION: Project listed in MP?	PROJECT NEED	PROJECT SCHEDULE	FY17			FY18			FY19			FY20			FY21			FY22				
<b>Project Name:</b>	Retaining wall repair/replacement		Mandate		1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4
Department:	Engineering		Council Goal																					
Location:	various		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**

<b>DESCRIPTION:</b> Retaining wall repair/replacement		The City has 142 retaining walls which must be maintained		<b>PRIORITY IN RELATION TO OTHER PROJECTS</b>	
Clark Street	100,000	School Street	30,000		
Grafton Street	90,000	Western Ave.	190,000	<b>HIGH</b>	<input checked="" type="checkbox"/>
Sullivan Street	15,000	Hillside Avenue	80,000	<b>MEDIUM</b>	<input type="checkbox"/>
Spring Street	110,000	High Street	60,000	<b>LOW</b>	<input type="checkbox"/>
First Ave.	15,000	Church St.	30,000		
Denmark St.	15,000				
	<b>345,000</b>		<b>390,000</b>		
<b>RATIONALE:</b> Safety and Structural need		Total		<b>735,000</b>	
All walls are rated Good, Fair or Poor.					
This project replaces the prioritized poor walls					

**OPERATING BUDGET IMPACT:**

FINANCIAL PLAN								
	PRIOR	FY17	FY18	FY19	FY20	FY21	FY22	TOTAL
<b>EXPENDITURES:</b>								
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
<b>TOTAL</b>		<b>\$120,000</b>	<b>\$120,000</b>	<b>\$120,000</b>	<b>\$120,000</b>	<b>\$120,000</b>	<b>\$120,000</b>	<b>\$720,000</b>
<b>FUNDING:</b>								
Current Rev.	\$25,000	\$120,000	\$120,000	\$120,000	\$120,000	\$120,000	\$120,000	\$745,000
Seg. Funds								
Borrow								
Federal								
State								
Other								
<b>TOTAL</b>	<b>25,000</b>	<b>\$120,000</b>	<b>\$120,000</b>	<b>\$120,000</b>	<b>\$120,000</b>	<b>\$120,000</b>	<b>\$120,000</b>	<b>\$745,000</b>
<b>OPERATING BUDGET IMPACT:</b>								
Personnel								
Non-Personnel								
Capital		120,000	120,000	120,000	120,000	120,000	120,000	720,000
<b>TOTAL</b>								



**CITY OF BERLIN, NH**  
**2017 - 2022 CIP Project Description**

GENERAL PROJECT DATA:		MASTER PLAN INFORMATION: Project listed in MP?	PROJECT NEED	PROJECT SCHEDULE	FY17				FY18				FY19				FY20				FY21				FY22			
<b>Project Name:</b>	Street Rehabilitation		Mandate		1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4
Department:	Engineering		Council Goal	x	x				x				x				x				x				x			
Location:	Various		Dept. Goal	x	x				x				x				x				x				x			

**PROJECT DESCRIPTION, RATIONALE & OPERATING BUDGET IMPACT**

<b>DESCRIPTION:</b> Road improvements/pavement rehabilitation					<b>PRIORITY IN RELATION TO OTHER PROJECTS</b>			
Willard Street	80,000	Bison Rd	6,000	Mt. Forist	45,000			
Willow Street	80,000	Hight St.	159,000			<b>HIGH</b>	<input checked="" type="checkbox"/>	
Summer Street	50,000	Oak St.	15,000			<b>MEDIUM</b>	<input type="checkbox"/>	
8th Street	58,000	Morreau St.	15,000			<b>LOW</b>	<input type="checkbox"/>	
Cates Hill	400,000	Clark St.	10,000					
Hutchins Street	86,000	Main St. (lower)	350,000					
Western Ave	89,000	Main St. (upper)	350,000					
Popular	52,000	School St.	80,000					
	<b>895,000</b>		<b>985,000</b>		<b>45,000</b>			
<b>RATIONALE:</b> Pavement rehabilitation		Total <b>1,925,000</b>						
<b>OPERATING BUDGET IMPACT:</b>								

**FINANCIAL PLAN**

	PRIOR	FY17	FY18	FY19	FY20	FY21	FY22	TOTAL
<b>EXPENDITURES:</b>								
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
<b>TOTAL</b>		<b>\$309,000</b>	<b>\$309,000</b>	<b>\$309,000</b>	<b>\$309,000</b>	<b>\$309,000</b>	<b>\$309,000</b>	<b>\$1,854,000</b>
<b>FUNDING:</b>								
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								
<b>TOTAL</b>	<b>\$75,000</b>	<b>\$309,000</b>	<b>\$309,000</b>	<b>\$309,000</b>	<b>\$309,000</b>	<b>\$309,000</b>	<b>\$309,000</b>	<b>\$1,929,000</b>
<b>OPERATING BUDGET IMPACT:</b>								
Personnel								
Non-Personnel								
Capital								
<b>TOTAL</b>								



Hutchins



Willard Street



## CITY OF BERLIN, NH

### 2017 - 2022 CIP Project Description

<b>GENERAL PROJECT DATA:</b> <b>Project Name:</b> Hutchins Street Rehabilitation  Department: Engineering Location:	<b>MASTER PLAN INFORMATION:</b> Project listed in MP?	<b>PROJECT NEED</b>	<b>PROJECT SCHEDULE</b>	FY17				FY18				FY19				FY20				FY21				FY22				
		Mandate			1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4
		Council Goal	x																									
		Dept. Goal	x																									

#### PROJECT DESCRIPTION, RATIONALE & OPERATING BUDGET IMPACT

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

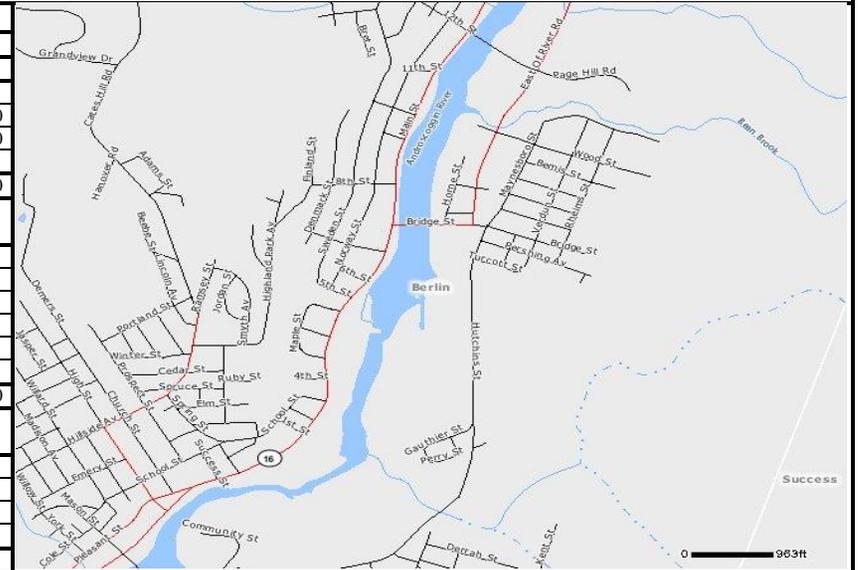
**PRIORITY IN RELATION TO OTHER PROJECTS**

- HIGH
- MEDIUM
- LOW

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

**OPERATING BUDGET IMPACT:**

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



**CITY OF BERLIN, NH**  
**2017 - 2022 CIP Project Description**

GENERAL PROJECT DATA: <b>Project Name:</b> Upper Main Street Rehabilitation	MASTER PLAN INFORMATION: Project listed in MP?	PROJECT NEED	PROJECT SCHEDULE	FY17	FY18	FY19	FY20	FY21	FY22		
		Mandate		1	2	3	4	1	2	3	4
		Council Goal									
		Dept. Goal	x					x	x		
Department: Engineering											
Location:											

**PROJECT DESCRIPTION, RATIONALE & OPERATING BUDGET IMPACT**

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

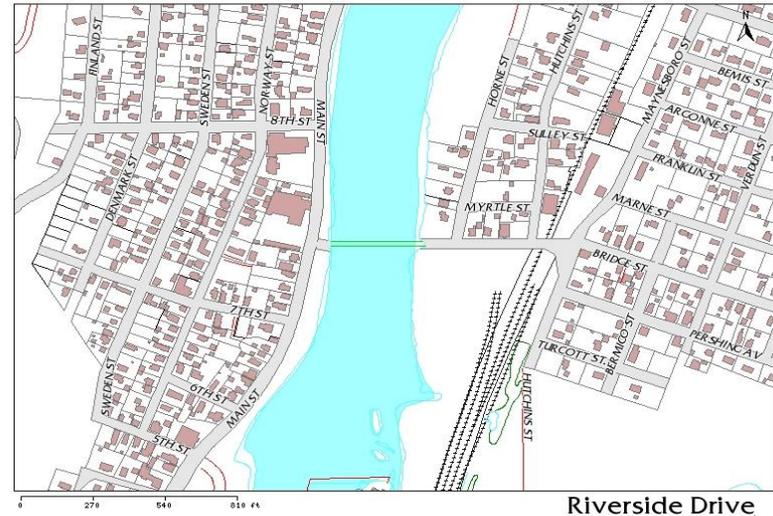
**PRIORITY IN RELATION TO OTHER PROJECTS**

- HIGH
- MEDIUM
- LOW

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

**OPERATING BUDGET IMPACT:**

FINANCIAL PLAN								
	PRIOR	FY17	FY18	FY19	FY20	FY21	FY22	TOTAL
<b>EXPENDITURES:</b>								
Pre-Design								
Design		300,000						300,000
Purch/Const.		1,500,000	3,200,000					4,700,000
<b>TOTAL</b>		<b>\$1,800,000</b>	<b>\$3,200,000</b>					<b>\$5,000,000</b>
<b>FUNDING:</b>								
Current Rev.		\$300,000						\$300,000
Seg. Funds								
Borrow		1,500,000	3,200,000					4,700,000
Federal								
State								
Other								
<b>TOTAL</b>		<b>\$1,800,000</b>	<b>\$3,200,000</b>					<b>\$5,000,000</b>
<b>OPERATING BUDGET IMPACT:</b>								
Personnel								
Non-Personnel								
Capital								
<b>TOTAL</b>								



Riverside Drive

**CITY OF BERLIN, NH  
2017 - 2022 CIP Project Description**

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

**PROJECT DESCRIPTION, RATIONALE & OPERATING BUDGET IMPACT**

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

**PRIORITY IN RELATION TO OTHER PROJECTS**

**RATIONALE:** These funds have been requested to replace the protective clothing firefighters wear to protect themselves during fire combat operations. The replacement process is necessary since the outside (shell) material, while resistant to heat, denigrates over time due to exposure to the ultraviolet rays of the sun. This denigration combined with normal wear and tear of the garments; weakens the fabric's ability to provide reliable protection for our firefighters. National Fire Protection requires the retirement of such protective clothing ten years from the manufactured date and our current protective clothing was manufactured in 2009.

- HIGH**      
**MEDIUM**      
**LOW**

**OPERATING BUDGET IMPACT:**

**FINANCIAL PLAN**

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



**CITY OF BERLIN, NH**  
**2017 - 2022 CIP Project Description**

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

**PROJECT DESCRIPTION, RATIONALE & OPERATING BUDGET IMPACT**

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

**PRIORITY IN RELATION TO OTHER PROJECTS**

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

- HIGH**
- MEDIUM**
- LOW**

**OPERATING BUDGET IMPACT:**

**FINANCIAL PLAN**

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







**CITY OF BERLIN, NH**  
**2017 - 2022 CIP Project Description**

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

PROJECT DESCRIPTION, RATIONALE & OPERATING BUDGET IMPACT

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

**PRIORITY IN RELATION TO OTHER PROJECTS**

**HIGH**

**MEDIUM**

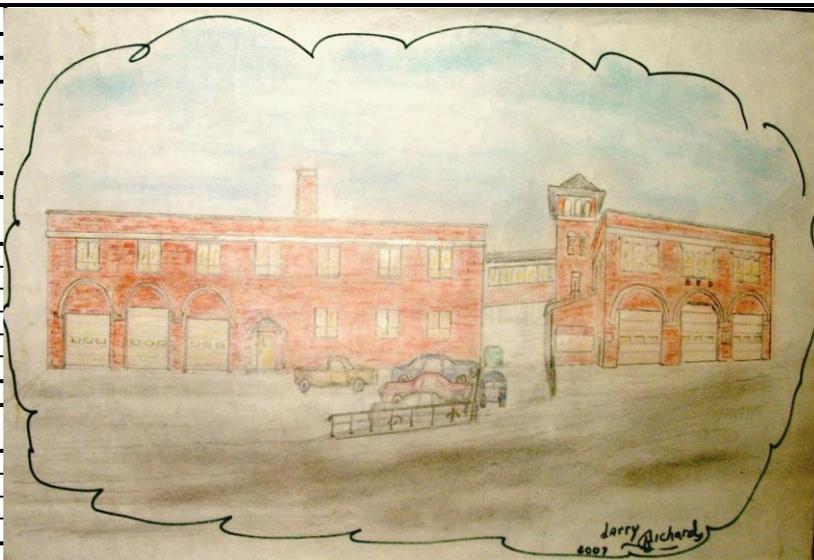
**LOW**

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

**OPERATING BUDGET IMPACT:**

**FINANCIAL PLAN**

	PRIOR	FY17	FY18	FY19	FY20	FY21	FY22	TOTAL
<b>EXPENDITURES:</b>								
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
<b>TOTAL</b>	<b>60,000.00</b>	<b>450,000.00</b>		<b>4,671,450.00</b>				<b>5,181,450.00</b>
<b>FUNDING:</b>								
Current Rev.		450,000.00		4,671,450.00				5,121,450.00
Seg. Funds								
Borrow								
Federal								
State								
Other								
<b>TOTAL</b>		<b>450,000.00</b>		<b>4,671,450.00</b>				<b>5,121,450.00</b>
<b>OPERATING BUDGET IMPACT:</b>								
Personnel								
Non-Personnel								
Capital								
<b>TOTAL</b>								



**CITY OF BERLIN, NH**  
**2017 - 2022 CIP Project Description**

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

**PROJECT DESCRIPTION, RATIONALE & OPERATING BUDGET IMPACT**

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

**PRIORITY IN RELATION TO OTHER PROJECTS**

**RATIONALE:** The service life of a ladder truck is twenty years. The City of Berlin fire department currently operates a 1995 LTI Simon Duplex 100' Ariel. Short service life for emergency vehicles is directly related to repeated cycles of rapid acceleration and deceleration, hard turns and quick stops. When this vehicle is responding to an emergency the average citizen only views this vehicle as a ladder truck. Contrary to common belief, the City of Berlin also utilizes the Ladder as a rescue rig. The Ladder Truck carries a commodity of equipment such as; firefighting tools, forcible entry tools, ventilation tools, High Angle, Confined Space, Collapse and Vehicle Extrication Equipment. At twenty years of extreme demands on this vehicle, its reliability to safely provide service becomes questionable. In 2011 the fire department spent out of the operation budget 10,000 just in repairs on the 1195 LTI Simon Duplex Ariel.

HIGH   
 MEDIUM   
 LOW

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

Wheel wells on both sides Heavily corroded.

**FINANCIAL PLAN**

	PRIOR	FY17	FY18	FY19	FY20	FY21	FY22	TOTAL
<b>EXPENDITURES:</b>								
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								
<b>TOTAL</b>		200,000.00	200,000.00	200,000.00	200,000.00	200,000.00		1,000,000.00
<b>FUNDING:</b>								
Current Rev.		200,000.00	200,000.00	200,000.00	200,000.00	200,000.00		1,000,000.00
Seg. Funds								
Borrow								
Federal								
State								
Other/User Fee								
<b>TOTAL</b>		200,000.00	200,000.00	200,000.00	200,000.00	200,000.00		1,000,000.00
<b>OPERATING BUDGET IMPACT:</b>								
Personnel								
Non-Personnel								
Capital		200,000.00	200,000.00	200,000.00	200,000.00	200,000.00		1,000,000.00
<b>TOTAL</b>		200,000.00	200,000.00	200,000.00	200,000.00	200,000.00		1,000,000.00



**CITY OF BERLIN, NH**  
**2017 - 2022 CIP Project Description**

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

**PROJECT DESCRIPTION, RATIONALE & OPERATING BUDGET IMPACT**

**DESCRIPTION:** Utility Trailer Vehicle

**PRIORITY IN RELATION TO OTHER PROJECTS**

HIGH

MEDIUM

LOW

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

**OPERATING BUDGET IMPACT:**

**FINANCIAL PLAN**

	PRIOR	FY17	FY18	FY19	FY20	FY21	FY22	TOTAL
<b>EXPENDITURES:</b>								
Pre-Design								
Design								
Purch/Const.								
<b>TOTAL</b>								
<b>FUNDING:</b>								
Current Rev.			\$17,000					\$17,000
Seg. Funds								
Borrow								
Federal								
State								
Other								
<b>TOTAL</b>			\$17,000					\$17,000
<b>OPERATING BUDGET IMPACT:</b>								
Personnel								
Non-Personnel								
Capital								
<b>TOTAL</b>								



**CITY OF BERLIN, NH**  
**2017 - 2022 CIP Project Description**

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

**PROJECT DESCRIPTION, RATIONALE & OPERATING BUDGET IMPACT**

**DESCRIPTION:** This request is to replace one front line pumper that has been first response to all incidents in the City of Berlin for 16 years.

**PRIORITY IN RELATION TO OTHER PROJECTS**

**RATIONALE:** The expected service life for a first line pumper is twenty years. The City of Berlin Fire Department currently operates as a first due response pumper a 1999 Freightliner, which in 2019 will be beyond its useful life as first due. Short service life is contributed to repeated cycles of rapid acceleration and deceleration, hard turns and quick stops. As of September 30, 2015 Engine four has been placed out of service due to cracks in the frame. The annual amounts assume a 5% annual inflation rate for major fire apparatus along with a 20 year useful life expectancy.

**HIGH**   
**MEDIUM**   
**LOW**

**OPERATING BUDGET IMPACT:** Twenty year replacement plan.

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

**FINANCIAL PLAN**

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





**CITY OF BERLIN, NH**  
**2017 - 2022 CIP Project Description**

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

**PROJECT DESCRIPTION, RATIONALE & OPERATING BUDGET IMPACT**

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

**PRIORITY IN RELATION TO OTHER PROJECTS**

**HIGH**

**LOW**

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

**OPERATING BUDGET IMPACT:**

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

**FINANCIAL PLAN**

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



**CITY OF BERLIN, NH**  
**2017 - 2022 CIP Project Description**

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

PROJECT DESCRIPTION, RATIONALE & OPERATING BUDGET IMPACT

**DESCRIPTION:** 21 Replacement Rifles

**PRIORITY IN RELATION TO OTHER PROJECTS**

**HIGH**

**MEDIUM**

**LOW**

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

**OPERATING BUDGET IMPACT:**

**FINANCIAL PLAN**

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



**CITY OF BERLIN, NH**  
**2017 - 2022 CIP Project Description**

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

PROJECT DESCRIPTION, RATIONALE & OPERATING BUDGET IMPACT

**DESCRIPTION:** New Police Department facility.

**PRIORITY IN RELATION TO OTHER PROJECTS**

HIGH

MEDIUM

LOW

**RATIONALE:** The Department has outgrown the current facility. The building has also deteriorated to a point where repair and renovations may not be cost effective. The foundation is crumbling; electrical wiring needs to be brought up to Code; water pipes are in need of replacement; and the building is not fully handicapped accessible.

**OPERATING BUDGET IMPACT:**

**FINANCIAL PLAN**

	PRIOR	FY17	FY18	FY19	FY20	FY21	FY22	TOTAL
<b>EXPENDITURES:</b>								
Pre-Design								
Design			\$ 400,000					\$ 400,000
Purch/Const.			\$ 3,600,000					\$ 3,600,000
<b>TOTAL</b>			\$ 4,000,000					\$ 4,000,000
<b>FUNDING:</b>								
Current Rev.			\$ 400,000					\$ 400,000
Seg. Funds								
Borrow			\$ 3,600,000					\$ 3,600,000
Federal								
State								
Other								
<b>TOTAL</b>			\$ 4,000,000					\$ 4,000,000
<b>OPERATING BUDGET IMPACT:</b>								
Personnel								
Non-Personnel			\$ 20,000					\$ 20,000
Capital								
<b>TOTAL</b>			\$ 20,000					\$ 20,000



**CITY OF BERLIN, NH**  
**2017 - 2022 CIP Project Description**

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

PROJECT DESCRIPTION, RATIONALE & OPERATING BUDGET IMPACT

**DESCRIPTION:** Cruiser Laptop Computers

**PRIORITY IN RELATION TO OTHER PROJECTS**

**HIGH**

**MEDIUM**

**LOW**

**RATIONALE:** Laptops will have met their life expectancy and will need to be replaced. This plan will establish a schedule for replacing two computers each year. Computers are listed at \$3,699 x 4 = \$14,796 plus installation of \$569 per computer = \$2,276.

**OPERATING BUDGET IMPACT:**

**FINANCIAL PLAN**

	PRIOR	FY17	FY18	FY19	FY20	FY21	FY22	TOTAL
<b>EXPENDITURES:</b>								
Pre-Design								
Design								
Purch/Const.								
<b>TOTAL</b>								
<b>FUNDING:</b>								
Current Rev.						\$17,071	\$17,072	\$34,143
Seg. Funds								
Borrow								
Federal								
State								
Other								
<b>TOTAL</b>						\$17,071	\$17,072	\$34,143
<b>OPERATING BUDGET IMPACT:</b>								
Personnel								
Non-Personnel								
Capital								
<b>TOTAL</b>								





**CITY OF BERLIN, NH**  
**2017 - 2022 CIP Project Description**

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

**PROJECT DESCRIPTION, RATIONALE & OPERATING BUDGET IMPACT**

**DESCRIPTION:** Two replacement desks for the dispatch center.

**PRIORITY IN RELATION TO OTHER PROJECTS**

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

**HIGH**

**MEDIUM**

**LOW**

**OPERATING BUDGET IMPACT:**

**FINANCIAL PLAN**

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

**Mercury™**  
Public Safety Consoles



**CITY OF BERLIN, NH**  
**2017 - 2022 CIP Project Description**

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

**PROJECT DESCRIPTION, RATIONALE & OPERATING BUDGET IMPACT**

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

**PRIORITY IN RELATION TO OTHER PROJECTS**

- HIGH
- MEDIUM
- LOW

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

**OPERATING BUDGET IMPACT:**

**FINANCIAL PLAN**

	PRIOR	FY17	FY18	FY19	FY20	FY21	FY22	TOTAL
<b>EXPENDITURES:</b>								
Pre-Design								
Design								
Purch/Const.								
<b>TOTAL</b>								
<b>FUNDING:</b>								
Current Rev.		\$ 24,050			\$ 24,050			\$ 48,100
Seg. Funds								
Borrow								
Federal								
State								
Other								
<b>TOTAL</b>		\$ 24,050			\$ 24,050			\$ 48,100
<b>OPERATING BUDGET IMPACT:</b>								
Personnel								
Non-Personnel								
Capital								
<b>TOTAL</b>								



**CITY OF BERLIN, NH**  
**2017 - 2022 CIP Project Description**

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

**PROJECT DESCRIPTION, RATIONALE & OPERATING BUDGET IMPACT**

**DESCRIPTION:** Ballistic Vests

**PRIORITY IN RELATION TO OTHER PROJECTS**

**HIGH**

**MEDIUM**

**LOW**

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

**OPERATING BUDGET IMPACT:**

**FINANCIAL PLAN**

	PRIOR	FY17	FY18	FY19	FY20	FY21	FY22	TOTAL
<b>EXPENDITURES:</b>								
Pre-Design								
Design								
Purch/Const.								
<b>TOTAL</b>								
<b>FUNDING:</b>								
Current Rev.		\$12,500		\$12,500				\$25,000
Seg. Funds								
Borrow								
Federal								
State								
Other								
<b>TOTAL</b>		\$12,500		\$12,500				\$25,000
<b>OPERATING BUDGET IMPACT:</b>								
Personnel								
Non-Personnel								
Capital								
<b>TOTAL</b>								





**CITY OF BERLIN, NH**  
**2017 - 2022 CIP Project Description**

GENERAL PROJECT DATA:		MASTER PLAN INFORMATION: Project listed in MP?	PROJECT NEED	PROJECT SCHEDULE	FY17				FY18				FY19				FY20				FY21				FY22				
<b>Project Name:</b>	Public Works Garage Upgrade II		Mandate			1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4
<b>Department:</b>	Public Works		Council Goal																										
<b>Location:</b>	110 Wight St		Dept. Goal	X		X				X				X				X											

**PROJECT DESCRIPTION, RATIONALE & OPERATING BUDGET IMPACT**

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

**FINANCIAL PLAN**

	PRIOR	FY17	FY18	FY19	FY20	FY21	FY22	TOTAL
<b>EXPENDITURES:</b>								
Pre-Design								
Design	5,000							5,000
Purch/Const.		120,000	120,000	120,000	120,000	120,000	120,000	720,000
<b>TOTAL</b>	<b>\$5,000</b>	<b>\$120,000</b>	<b>\$120,000</b>	<b>\$120,000</b>	<b>\$120,000</b>	<b>\$120,000</b>	<b>\$120,000</b>	<b>\$725,000</b>
<b>FUNDING:</b>								
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								
<b>TOTAL</b>	<b>\$65,245</b>	<b>\$120,000</b>	<b>\$120,000</b>	<b>\$120,000</b>	<b>\$120,000</b>	<b>\$120,000</b>	<b>\$120,000</b>	<b>\$785,245</b>
<b>OPERATING BUDGET IMPACT:</b>								
Personnel								
Non-Personnel			(35,000)	(35,000)	(35,000)	(35,000)	(35,000)	(175,000)
Capital								
<b>TOTAL</b>			<b>(35,000)</b>	<b>(35,000)</b>	<b>(35,000)</b>	<b>(35,000)</b>	<b>(35,000)</b>	<b>(175,000)</b>



**CITY OF BERLIN, NH**  
**2017 - 2022 CIP Project Description**

<b>GENERAL PROJECT DATA:</b>		<b>MASTER PLAN INFORMATION:</b> Project listed in MP?	<b>PROJECT NEED</b>	<b>PROJECT SCHEDULE</b>	<b>FY17</b>				<b>FY18</b>				<b>FY19</b>				<b>FY20</b>				<b>FY21</b>				<b>FY22</b>			
<b>Project Name:</b>	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
<b>Department:</b>	Engineering																											
<b>Location:</b>	Various																											
<b>Dept. Goal</b>		x						x				x								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	<b>HIGH</b>	<input checked="" type="checkbox"/>
Hillsborro St.	40,000	Mannering	200,000	<b>MEDIUM</b>	<input type="checkbox"/>
High Street	250,000	Watson St.	200,000	<b>LOW</b>	<input type="checkbox"/>
Kent Street	40,000	Turcotte St.	60,000		
Glen Avenue	90,000				

\$1,210,000

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

**OPERATING BUDGET IMPACT:**

**FINANCIAL PLAN**

	PRIOR	FY17	FY18	FY19	FY20	FY21	FY22	TOTAL
<b>EXPENDITURES:</b>								
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
<b>TOTAL</b>		<b>\$180,000</b>	<b>\$180,000</b>	<b>\$180,000</b>	<b>\$180,000</b>	<b>\$180,000</b>	<b>\$180,000</b>	<b>\$1,080,000</b>
<b>FUNDING:</b>								
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								
<b>TOTAL</b>	<b>\$10,000</b>	<b>\$170,000</b>	<b>\$180,000</b>	<b>\$180,000</b>	<b>\$180,000</b>	<b>\$180,000</b>	<b>\$180,000</b>	<b>\$1,080,000</b>
<b>OPERATING BUDGET IMPACT:</b>								
Personnel								
Non-Personnel								
Capital								
<b>TOTAL</b>								





**CITY OF BERLIN, NH**  
**2017 - 2022 CIP Project Description**

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

PROJECT DESCRIPTION, RATIONALE & OPERATING BUDGET IMPACT

**DESCRIPTION:** Lease/Purchase of loaders

**PRIORITY IN RELATION TO OTHER PROJECTS**

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

Municipal 10 year lease Annual Payment      \$82,000

HIGH        
 MEDIUM      
 LOW        

**RATIONALE:**

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

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

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

**OPERATING BUDGET IMPACT:**

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

Equipment reliability will improve and should decrease operating disruptions.

**FINANCIAL PLAN**

	PRIOR	FY17	FY18	FY19	FY20	FY21	FY22	TOTAL
<b>EXPENDITURES:</b>								
Pre-Design								
Design								
Purch/Const.		\$82,000	\$82,000	\$82,000	\$82,000	\$82,000	\$82,000	492,000
<b>TOTAL</b>		\$82,000	\$82,000	\$82,000	\$82,000	\$82,000	\$82,000	\$492,000
<b>FUNDING:</b>								
Current Rev.								
Seg. Funds								
Borrow		\$82,000	\$82,000	\$82,000	\$82,000	\$82,000	\$82,000	492,000
Federal								
State								
Other								
<b>TOTAL</b>		\$82,000	\$82,000	\$82,000	\$82,000	\$82,000	\$82,000	\$492,000
<b>OPERATING BUDGET IMPACT:</b>								
Personnel		(\$4,000)	(\$4,000)	(\$4,000)	(\$4,000)	(\$4,000)	(\$4,000)	(24,000)
Non-Personnel		(2,800)	(2,800)	(2,800)	(2,800)	(2,800)	(2,800)	(16,800)
Capital								
<b>TOTAL</b>		(\$6,800)	(\$6,800)	(\$6,800)	(\$6,800)	(\$6,800)	(\$6,800)	(\$40,800)



**CITY OF BERLIN, NH**  
**2017 - 2022 CIP Project Description**

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

**PROJECT DESCRIPTION, RATIONALE & OPERATING BUDGET IMPACT**

**DESCRIPTION:** Construct Salt and Sand Storage Building

**PRIORITY IN RELATION TO OTHER PROJECTS**

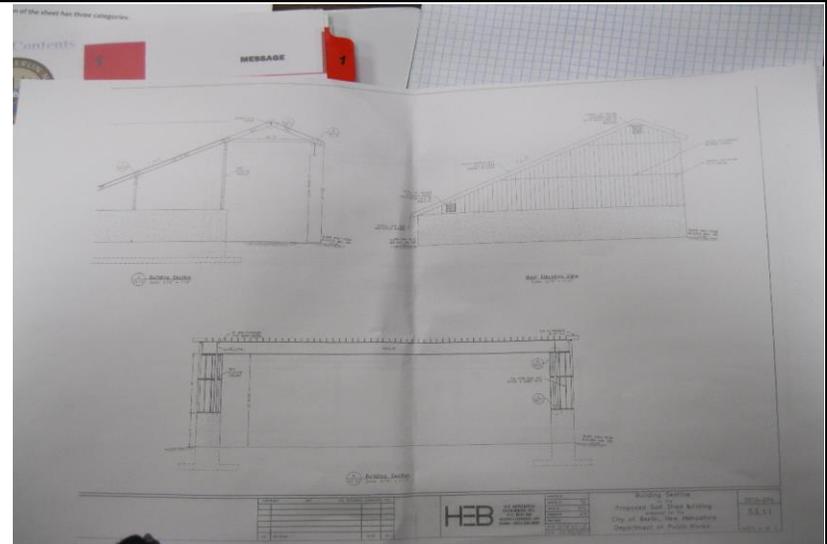
**RATIONALE:**  
 New facility will increase current storage capacity and provide for sand/salt to be prepared during non-storm hours at regular time vs. overtime rates. Improves Operational efficiencies with decreasing personnel resources to move and mix materials. Reduces energy

**HIGH**   
**MEDIUM**   
**LOW**

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

**FINANCIAL PLAN**

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



**CITY OF BERLIN, NH**  
**2017 - 2022 CIP Project Description**

<b>GENERAL PROJECT DATA:</b> <b>Project Name:</b> Dead River Channel/Moxie Alley  <b>Department:</b> Engineering <b>Location:</b>	<b>MASTER PLAN INFORMATION:</b> Project listed in MP?	<b>PROJECT NEED</b>	<b>PROJECT SCHEDULE</b>	FY17				FY18				FY19				FY20				FY21				FY22					
		Mandate		x	x																								
		Council Goal																											
		Dept. Goal																											

**PROJECT DESCRIPTION, RATIONALE & OPERATING BUDGET IMPACT**

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

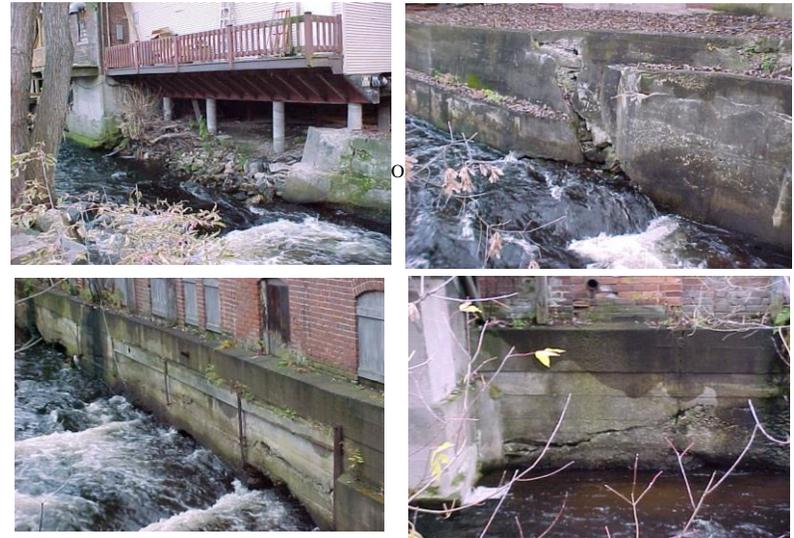
**PRIORITY IN RELATION TO OTHER PROJECTS**

- HIGH**
- MEDIUM**
- LOW**

**RATIONALE:**

**OPERATING BUDGET IMPACT:**

FINANCIAL PLAN								
	PRIOR	FY17	FY18	FY19	FY20	FY21	FY22	TOTAL
<b>EXPENDITURES:</b>								
Pre-Design						\$300,000		\$300,000
Design						600,000		600,000
Purch/Const.							3,000,000	3,000,000
<b>TOTAL</b>						\$900,000	\$3,000,000	\$3,900,000
<b>FUNDING:</b>								
Current Rev.								
Seg. Funds								
Borrow								
Federal								
State						195,000		195,000
Other						705,000	3,000,000	3,705,000
<b>TOTAL</b>						\$900,000	\$3,000,000	\$3,900,000
<b>OPERATING BUDGET IMPACT:</b>								
Personnel								
Non-Personnel								
Capital								
<b>TOTAL</b>								



**CITY OF BERLIN, NH**  
**2017 - 2022 CIP Project Description**

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

PROJECT DESCRIPTION, RATIONALE & OPERATING BUDGET IMPACT

<b>DESCRIPTION:</b>				<b>PRIORITY IN RELATION TO OTHER PROJECTS</b>			
Kubato Attachments	35,000	Purchase Pick-up Truck	35,000				
-Side arm mower		Purchase travel van-programming	35,000			<b>HIGH</b>	<input checked="" type="checkbox"/>
-brush hog & chipper						<b>MEDIUM</b>	<input type="checkbox"/>
Commercials Fine Mower	25,000					<b>LOW</b>	<input type="checkbox"/>
	60,000		70,000				
<b>RATIONALE:</b> Improve Efficiency on green space maintenance							
<b>OPERATING BUDGET IMPACT:</b>							

**FINANCIAL PLAN**

	PRIOR	FY17	FY18	FY19	FY20	FY21	FY22	TOTAL
<b>EXPENDITURES:</b>								
Pre-Design								
Design								
Purch/Const.		\$35,000	\$50,000	30,000	\$ 35,000			\$150,000
<b>TOTAL</b>		\$35,000	\$50,000	\$30,000	\$35,000			\$150,000
<b>FUNDING:</b>								
Current Rev.		\$35,000	\$50,000	\$30,000	\$35,000			\$150,000
Seg. Funds								
Borrow								
Federal								
State								
Other								
<b>TOTAL</b>		\$35,000	\$50,000	\$30,000	\$35,000			\$150,000
<b>OPERATING BUDGET IMPACT:</b>								
Personnel								
Non-Personnel								
Capital								
<b>TOTAL</b>								



**CITY OF BERLIN, NH**  
**2017 - 2022 CIP Project Description**

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

**PROJECT DESCRIPTION, RATIONALE & OPERATING BUDGET IMPACT**

**DESCRIPTION:**

Upgrade Restrooms and Showers	\$ 50,000	Upgrade Lights	\$ 7,000	
Upgrade Court Facilities	\$ 15,000	Replace Windows	\$ 20,000	
-New Score Board	\$ 6,500	Upgrade Offices	\$ 25,000	
-Wall Padding	\$ 4,000	Replace Bleachers	\$ 20,000	
Purchase Bleachers	10,000	Install permanent Canopies	\$ 25,000	
	<b>\$ 85,500</b>		<b>\$ 97,000</b>	<b>\$ 182,500</b>

**PRIORITY IN RELATION TO OTHER PROJECTS**

<b>HIGH</b>	<input checked="" type="checkbox"/>
<b>MEDIUM</b>	<input type="checkbox"/>
<b>LOW</b>	<input type="checkbox"/>

**RATIONALE:**

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

**OPERATING BUDGET IMPACT:**

**FINANCIAL PLAN**

	PRIOR	FY17	FY18	FY19	FY20	FY21	FY22	TOTAL
<b>EXPENDITURES:</b>								
Pre-Design								
Design								
Purch/Const.		\$50,000	\$25,000	\$25,000	\$30,000	25,000	27,500	182,500
<b>TOTAL</b>		<b>\$50,000</b>	<b>\$25,000</b>	<b>\$25,000</b>	<b>\$30,000</b>	<b>\$25,000</b>	<b>\$27,500</b>	<b>\$182,500</b>
<b>FUNDING:</b>								
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								
<b>TOTAL</b>	<b>\$12,378</b>	<b>\$50,000</b>	<b>\$25,000</b>	<b>\$25,000</b>	<b>\$25,000</b>	<b>\$25,000</b>	<b>\$27,500</b>	<b>\$189,878</b>
<b>OPERATING BUDGET IMPACT:</b>								
Personnel								
Non-Personnel								
Capital		\$50,000	\$25,000	\$25,000	\$30,000	25,000	27,500	182,500
<b>TOTAL</b>		<b>\$50,000</b>	<b>\$25,000</b>	<b>\$25,000</b>	<b>\$30,000</b>	<b>\$25,000</b>	<b>\$27,500</b>	<b>\$182,500</b>



**CITY OF BERLIN, NH**  
**2017 - 2022 CIP Project Description**

GENERAL PROJECT DATA:		MASTER PLAN INFORMATION: Project listed in MP?	PROJECT NEED	PROJECT SCHEDULE	FY17				FY18				FY19				FY20				FY21				FY22				
Project Name:	<b>BUS REPLACEMENT</b>		Mandate			1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4
Department:	SCHOOL DEPT.		Council Goal																										
Location:	BUS GARAGE, Hutchins St.		Dept. Goal	X	X	X								X								X							

PROJECT DESCRIPTION, RATIONALE & OPERATING BUDGET IMPACT

**DESCRIPTION:** Bus replacement for Bus 05, 91,602 miles  
 Bus replacement for Bus 08, 104,585 miles  
 Bus replacement for Bus 09, 81,303 miles

**PRIORITY IN RELATION TO OTHER PROJECTS**

**HIGH**

**MEDIUM**

**LOW**

**RATIONALE:**

(Cost/Benefit, Need and/or Service Standard) NH Dept. of Safety, pupil transportation recommends school buses operate no more than 10 years or not more than 100,000 miles.

**OPERATING BUDGET IMPACT:**

**FINANCIAL PLAN**

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



**CITY OF BERLIN, NH**  
**2017 - 2022 CIP Project Description**

GENERAL PROJECT DATA:		MASTER PLAN INFORMATION:		PROJECT NEED	PROJECT SCHEDULE	FY17				FY18				FY19				FY20				FY21				FY22			
Project Name:	<b>BMS, BHS, Hillside, Brown Roof Replacement</b>	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,Hillside,BHS,Brown Schools			Council Goal																									
				Dept. Goal	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.  
 Left to date: Old sections of Brown School, over BHS print shop, over Hillside/District offices and Marston School  
 Expected completion of all roofs FY17)

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



(OF PROJECT OR BOTH)

**CITY OF BERLIN, NH**  
**2017 - 2022 CIP Project Description**

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

**PROJECT DESCRIPTION, RATIONALE & OPERATING BUDGET IMPACT**

**DESCRIPTION:** Replacement of original gym floors and track at Berlin Middle School  
 BMS Newer gym floor will be put out to bid Jan. 2016 for replacement floor to be renovated spring/summer 2016.  
 Funding is secured for Newer gym floor.)

**PRIORITY IN RELATION TO OTHER PROJECTS**

HIGH

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



**CITY OF BERLIN, NH**  
**2017 - 2022 CIP Project Description**

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

PROJECT DESCRIPTION, RATIONALE & OPERATING BUDGET IMPACT

**DESCRIPTION:**

Renovate 4 science classrooms with modern technology.

**PRIORITY IN RELATION TO OTHER PROJECTS**

**HIGH**

**MEDIUM**

**LOW**

**RATIONALE:**

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

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

**OPERATING BUDGET IMPACT:**

**FINANCIAL PLAN**

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



**CITY OF BERLIN, NH**  
**2017 - 2022 CIP Project Description**

GENERAL PROJECT DATA:		MASTER PLAN INFORMATION:		PROJECT NEED		PROJECT SCHEDULE		FY17		FY18		FY19		FY20		FY21		FY22					
Project Name: <b>FIRE ALARM SYSTEM REPLACEMENT</b>		Project listed in MP?						1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4
Department: SCHOOLS				Mandate		X																	
Location: BROWN				Council Goal																			
				Dept. Goal																			

PROJECT DESCRIPTION, RATIONALE & OPERATING BUDGET IMPACT

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

**PRIORITY IN RELATION TO OTHER PROJECTS**

HIGH

MEDIUM

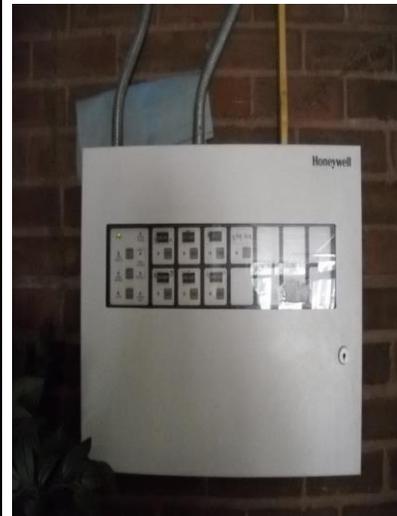
LOW

**RATIONALE:** Brown School fire alarm system is inspected annually. Because of its age, replacement parts are no longer available.  
 (Cost/Benefit, Need and/or Service Standard)

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

**FINANCIAL PLAN**

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



Brown



BMS

**CITY OF BERLIN, NH**  
**2017 - 2022 CIP Project Description**

GENERAL PROJECT DATA:		MASTER PLAN INFORMATION: Project listed in MP?	PROJECT NEED	PROJECT SCHEDULE	FY17				FY18				FY19				FY20				FY21				FY22			
Project Name:	<b>BMS Main Entrance</b>		Mandate			1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3
Department:	SCHOOL DEPT.	Council Goal																										
Location:	BMS, State Street	Dept. Goal	X																									

PROJECT DESCRIPTION, RATIONALE & OPERATING BUDGET IMPACT

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

**PRIORITY IN RELATION TO OTHER PROJECTS**

HIGH

MEDIUM

LOW

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

**OPERATING BUDGET IMPACT:**

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



**CITY OF BERLIN, NH**  
**2017 - 2022 CIP Project Description**

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

PROJECT DESCRIPTION, RATIONALE & OPERATING BUDGET IMPACT

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

**PRIORITY IN RELATION TO OTHER PROJECTS**

**HIGH**

**MEDIUM**

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

**LOW**

**OPERATING BUDGET IMPACT:**

**FINANCIAL PLAN**

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



**CITY OF BERLIN, NH**  
**2017 - 2022 CIP Project Description**

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

**LOW**

**RATIONALE:** An access road needs to be developed behind Berlin High School for fire and safety access, and construction of bus garage.  
 (Cost/Benefit, Need and/or Service Standard) Could create a separate entrance to Mini-Mounties pre-school program with an outdoor play area.

**OPERATING BUDGET IMPACT:**

**FINANCIAL PLAN**

	PRIOR	FY17	FY18	FY19	FY20	FY21	FY22	TOTAL
<b>EXPENDITURES:</b>								
Pre-Design								
Design		175,000						175,000
Purch/Const.			250,000					250,000
<b>TOTAL</b>		\$175,000	\$250,000					\$425,000
<b>FUNDING:</b>								
Current Rev.								
Seg. Funds								
Borrow								
Federal								
State								
Other								
<b>TOTAL</b>								
<b>OPERATING BUDGET IMPACT:</b>								
Personnel								
Non-Personnel								
Capital								
<b>TOTAL</b>								



**CITY OF BERLIN, NH**  
**2017 - 2022 CIP Project Description**

GENERAL PROJECT DATA:		MASTER PLAN INFORMATION:		PROJECT NEED	PROJECT SCHEDULE	FY17	FY18	FY19	FY20	FY21	FY22
Project Name:	Hillside Main Entrance and secure district office	Project listed in MP?				1 2 3 4	1 2 3 4	1 2 3 4	1 2 3 4	1 2 3 4	1 2 3 4
Department:	SCHOOL DEPT.			Mandate							
Location:	BMS, State Street			Council Goal							
				Dept. Goal	X					X	

PROJECT DESCRIPTION, RATIONALE & OPERATING BUDGET IMPACT

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

**PRIORITY IN RELATION TO OTHER PROJECTS**

HIGH

MEDIUM

LOW

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

**OPERATING BUDGET IMPACT:**

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



**CITY OF BERLIN, NH**  
**2017 - 2022 CIP Project Description**

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

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

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

**OPERATING BUDGET IMPACT:**

**FINANCIAL PLAN**

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



(PHOTO OF PROJECT OR BOTH)



**CITY OF BERLIN, NH**  
**2017 - 2022 CIP Project Description**

GENERAL PROJECT DATA:		MASTER PLAN INFORMATION: Project listed in MP?	PROJECT NEED	PROJECT SCHEDULE	FY17	FY18	FY19	FY20	FY21	FY22
Project Name:	<b>BUS GARAGE CONSTRUCTION</b>				1 2 3 4	1 2 3 4	1 2 3 4	1 2 3 4	1 2 3 4	1 2 3 4
Department:	SCHOOLS		Mandate							
Location:	BHS PROPERTY		Council Goal							
			Dept. Goal	X				X		

PROJECT DESCRIPTION, RATIONALE & OPERATING BUDGET IMPACT

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

**PRIORITY IN RELATION TO OTHER PROJECTS**

**HIGH**

**MEDIUM**

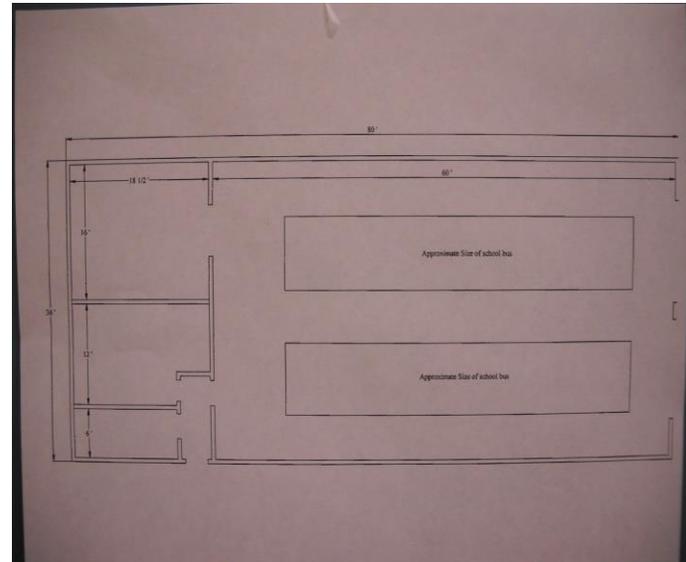
**LOW**

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

**OPERATING BUDGET IMPACT:**

**FINANCIAL PLAN**

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



**CITY OF BERLIN, NH**  
**2017 - 2022 CIP Project Description**

GENERAL PROJECT DATA:		MASTER PLAN INFORMATION: Project listed in MP?	PROJECT	PROJECT	FY17			FY18			FY19			FY20			FY21			FY22				
Project Name:	<b>Hillside/BMS CAFETERIA FLOOR</b>		NEED	SCHEDULE	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4
Department:	SCHOOL DEPT.		Mandate																					
Location:	HILLSIDE SCHOOL		Council Goal																					
		Dept. Goal	X						X															

PROJECT DESCRIPTION, RATIONALE & OPERATING BUDGET IMPACT

**DESCRIPTION:** Hillside/BMS Cafeteria Floor replacement and asbestos abatement.

**PRIORITY IN RELATION TO OTHER PROJECTS**

HIGH

MEDIUM

LOW

**RATIONALE:** The only area with asbestos contained materials  
 (Cost/Benefit, Need and/or Service Standard)

**OPERATING BUDGET IMPACT:**

**FINANCIAL PLAN**

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



**CITY OF BERLIN, NH**  
**2017 - 2022 CIP Project Description**

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

PROJECT DESCRIPTION, RATIONALE & OPERATING BUDGET IMPACT

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

**PRIORITY IN RELATION TO OTHER PROJECTS**

HIGH

MEDIUM

LOW

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

**OPERATING BUDGET IMPACT:**

**FINANCIAL PLAN**

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



**CITY OF BERLIN, NH**  
**2017 - 2022 CIP Project Description**

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

PROJECT DESCRIPTION, RATIONALE & OPERATING BUDGET IMPACT

**DESCRIPTION:**

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

**PRIORITY IN RELATION TO OTHER PROJECTS**

**HIGH**

**MEDIUM**

**LOW**

**RATIONALE:**

Current tile floors are cracking and becoming a hazard.

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

**OPERATING BUDGET IMPACT:**

**FINANCIAL PLAN**

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



**CITY OF BERLIN, NH**  
**2017 - 2022 CIP Project Description**

GENERAL PROJECT DATA:		MASTER PLAN INFORMATION: Project listed in MP?	PROJECT	PROJECT	FY17			FY18			FY19			FY20			FY21			FY22				
Project Name:	<u>Hillside and Brown bathroom renovations</u>		NEED	SCHEDULE	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 2 boys and 2 girls bathrooms at Hillside, 1 boys and 1 girls at Brown

**PRIORITY IN RELATION TO OTHER PROJECTS**

HIGH

MEDIUM

LOW

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

**OPERATING BUDGET IMPACT:**

**FINANCIAL PLAN**

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



**CITY OF BERLIN, NH**  
**2017 - 2022 CIP Project Description**

GENERAL PROJECT DATA:		MASTER PLAN INFORMATION: Project listed in MP?	PROJECT NEED	PROJECT SCHEDULE	FY17				FY18				FY19				FY20				FY21				FY22				
Project Name: <b>BHS &amp; BMS Intervom Systems</b>			Mandate			1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4
Department: SCHOOLS			Council Goal																										
Location: BERLIN MIDDLE & BERLIN HIGH SCHOOLS			Dept. Goal																										

PROJECT DESCRIPTION, RATIONALE & OPERATING BUDGET IMPACT

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

**PRIORITY IN RELATION TO OTHER PROJECTS**

- HIGH   
 MEDIUM   
 LOW

**RATIONALE:**

**OPERATING BUDGET IMPACT:**

**FINANCIAL PLAN**

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



**CITY OF BERLIN, NH**  
**2017 - 2022 CIP Project Description**

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

**PROJECT DESCRIPTION, RATIONALE & OPERATING BUDGET IMPACT**

**DESCRIPTION:** Replacement Windows

**PRIORITY IN RELATION TO OTHER PROJECTS**

HIGH

MEDIUM

LOW

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

**OPERATING BUDGET IMPACT:**

**FINANCIAL PLAN**

	PRIOR	FY17	FY18	FY19	FY20	FY21	FY22	TOTAL
<b>EXPENDITURES:</b>								
Pre-Design								
Design								
Purch/Const.								
<b>TOTAL</b>								
<b>FUNDING:</b>								
Current Rev.		\$ 13,200						\$ 13,200
Seg. Funds								
Borrow								
Federal								
State								
Other								
<b>TOTAL</b>		\$ 13,200						\$ 13,200
<b>OPERATING BUDGET IMPACT:</b>								
Personnel								
Non-Personnel								
Capital								
<b>TOTAL</b>								



**CITY OF BERLIN, NH**  
**2017 - 2022 CIP Project Description**

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

PROJECT DESCRIPTION, RATIONALE & OPERATING BUDGET IMPACT

**DESCRIPTION:** Third Floor Renovations

**PRIORITY IN RELATION TO OTHER PROJECTS**

HIGH

MEDIUM

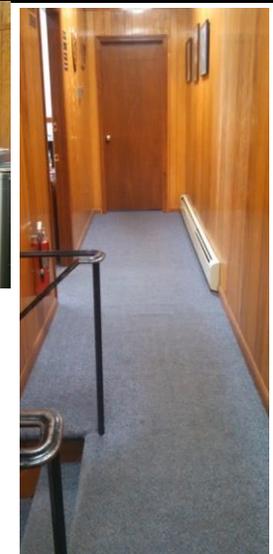
LOW

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

**OPERATING BUDGET IMPACT:**

**FINANCIAL PLAN**

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



**CITY OF BERLIN, NH**  
**2017 - 2022 CIP Project Description**

GENERAL PROJECT DATA: Project Name: <b>Housing Initiative</b>	MASTER PLAN INFORMATION: Project listed in MP? Yes	PROJECT NEED	PROJECT SCHEDULE	FY17	FY18	FY19	FY20	FY21	FY22	
				1 2 3 4	1 2 3 4	1 2 3 4	1 2 3 4	1 2 3 4	1 2 3 4	
		Mandate								
		Council Goal		X X X X	X X X X	X X X X	X X X X	X X X X	X X X X	
Department: Housing		Dept. Goal								
Location:										

**PROJECT DESCRIPTION, RATIONALE & OPERATING BUDGET IMPACT**

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

**PRIORITY IN RELATION TO OTHER PROJECTS**  
HIGH

**RATIONALE:** (Cost/Benefit, Need and/or Service Standard)  
 Berlin experienced a record number of properties taken by tax deed in 2012-2015 (102) creating both a "challenge" and "opportunity", to further address those blighted properties that have a large  
 To date, outstanding demolitions from this period remain unfunded at approximately \$967,000, with projected additional blighted properties obtained in each subsequent tax year at a cost of approximately \$250,000 per year.

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

We experienced a temporary decline in the number of Tax Deeded Properties in 2014 (13 properties) from the record highs in 2012 & 2013 (38 & 31 properties), but saw an increase in 2015 back to 20 properties that included many single-family residences. With 271 units removed to date, the City is more than half-way toward its goal to remove 500 substandard units. The ongoing commitment of capital funds helps us address 3 major challenges:

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

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

NSP I & III: Expended in 2013  
 ED1: Expended in 2015

**OPERATING BUDGET IMPACT:**

**FINANCIAL PLAN**

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

**OPERATING BUDGET IMPACT:**

Personnel								
Non-Personnel								
Capital								
<b>TOTAL</b>								



**CITY OF BERLIN, NH**  
**2017 - 2022 CIP Project Description**

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

PROJECT DESCRIPTION, RATIONALE & OPERATING BUDGET IMPACT

**DESCRIPTION:** Paved parking area.

**PRIORITY IN RELATION TO OTHER PROJECTS**

HIGH

MEDIUM

LOW

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

**OPERATING BUDGET IMPACT:**

**FINANCIAL PLAN**

	PRIOR	FY17	FY18	FY19	FY20	FY21	FY22	TOTAL
<b>EXPENDITURES:</b>								
Pre-Design								
Design								
Purch/Const.								
<b>TOTAL</b>								
<b>FUNDING:</b>								
Current Rev.		\$37,500						\$ 37,500
Seg. Funds								
Borrow								
Federal								
State								
Other								
<b>TOTAL</b>		\$37,500						\$ 37,500
<b>OPERATING BUDGET IMPACT:</b>								
Personnel								
Non-Personnel								
Capital								
<b>TOTAL</b>								



**CITY OF BERLIN, NH**  
**2017 - 2022 CIP Project Description**

GENERAL PROJECT DATA: <b>Project Name:</b> <u>Renovation of Bathrooms &amp; Prisoner Entrance Door</u> Department: Police Location:	MASTER PLAN INFORMATION: Project listed in MP? No.	PROJECT NEED	PROJECT SCHEDULE	FY17				FY18				FY19				FY20				FY21				FY22			
				1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4
		Mandate																									
		Council Goal																									
		Dept. Goal	X				X																				

PROJECT DESCRIPTION, RATIONALE & OPERATING BUDGET IMPACT

**DESCRIPTION:** Replace bathroom flooring, tiles, and fixtures, and add door to cell area

**PRIORITY IN RELATION TO OTHER PROJECTS**

- HIGH
- MEDIUM
- LOW

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

**OPERATING BUDGET IMPACT:**

**FINANCIAL PLAN**

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



**CITY OF BERLIN, NH**  
**2017 - 2022 CIP Project Description**

GENERAL PROJECT DATA: Project Name: <b>Rte. 110 Sewer Extension</b>	MASTER PLAN INFORMATION: Project listed in MP?	PROJECT NEED	PROJECT SCHEDULE	FY17				FY18				FY19				FY20				FY21				FY22			
		Mandate		1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4
		Council Goal																									
		Dept. Goal	x					x																			
Department: Engineering																											
Location:																											

PROJECT DESCRIPTION, RATIONALE & OPERATING BUDGET IMPACT

**DESCRIPTION:** Extend Sewer Service over 2 miles

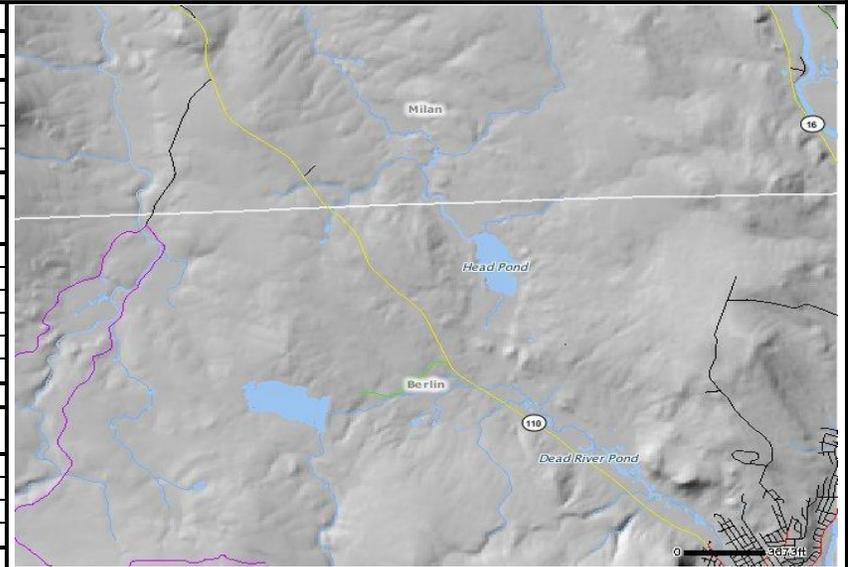
**PRIORITY IN RELATION TO OTHER PROJECTS**

- HIGH**
- MEDIUM**
- LOW**

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

**OPERATING BUDGET IMPACT:**

FINANCIAL PLAN								
	PRIOR	FY17	FY18	FY19	FY20	FY21	FY22	TOTAL
<b>EXPENDITURES:</b>								
Pre-Design								
Design							200,000	200,000
Purch/Const.							2,500,000	2,500,000
<b>TOTAL</b>							\$2,700,000	\$2,700,000
<b>FUNDING:</b>								
Current Rev.	\$20,000						\$2,700,000	\$2,720,000
Seg. Funds								
Borrow								
Federal								
State								
Other								
<b>TOTAL</b>	\$20,000						\$2,700,000	\$2,720,000
<b>OPERATING BUDGET IMPACT:</b>								
Personnel								
Non-Personnel								
Capital								
<b>TOTAL</b>								



**CITY OF BERLIN, NH**  
**2017 - 2022 CIP Project Description**

GENERAL PROJECT DATA: <b>Project Name:</b> Snowmobile Trails	MASTER PLAN INFORMATION: Project listed in MP?	PROJECT NEED	PROJECT SCHEDULE	FY17				FY18				FY19				FY20				FY21				FY22				
		Mandate			1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4
		Council Goal																			x							
		Dept. Goal																										
Department: Engineering																												
Location:																												

PROJECT DESCRIPTION, RATIONALE & OPERATING BUDGET IMPACT

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

**PRIORITY IN RELATION TO OTHER PROJECTS**

- HIGH
- MEDIUM
- LOW

**RATIONALE:** Economic Development

**OPERATING BUDGET IMPACT:**

**FINANCIAL PLAN**

	PRIOR	FY17	FY18	FY19	FY20	FY21	FY22	TOTAL
<b>EXPENDITURES:</b>								
Pre-Design								
Design								
Purch/Const.						\$15,000	\$300,000	\$315,000
<b>TOTAL</b>						\$15,000	\$300,000	\$315,000
<b>FUNDING:</b>								
Current Rev.						\$15,000		\$15,000
Seg. Funds								
Borrow								
Federal							300,000	300,000
State								
Other								
<b>TOTAL</b>						\$15,000	\$300,000	\$315,000
<b>OPERATING BUDGET IMPACT:</b>								
Personnel								
Non-Personnel								
Capital								
<b>TOTAL</b>								



**CITY OF BERLIN, NH**  
**2017 - 2022 CIP Project Description**

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

PROJECT DESCRIPTION, RATIONALE & OPERATING BUDGET IMPACT

**DESCRIPTION:** INTERNAL ELEVATOR

**PRIORITY IN RELATION TO OTHER PROJECTS**

HIGH

MEDIUM

LOW

**RATIONALE:** CHAIR LIFT FAILING/OBSOLETE PARTS

**OPERATING BUDGET IMPACT:** Approx. \$90,000

**FINANCIAL PLAN**

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



**CITY OF BERLIN, NH**  
**2017 - 2022 CIP Project Description**

GENERAL PROJECT DATA:		MASTER PLAN INFORMATION:		PROJECT NEED	PROJECT SCHEDULE	FY17				FY18				FY19				FY20				FY21				FY22							
Project Name: <b>Moving Downtown Forward</b>		Project listed in MP? yes				1	2	3	4	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.

**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.

**PRIORITY IN RELATION TO OTHER PROJECTS**

**HIGH**

**MEDIUM**

**LOW**

**FINANCIAL PLAN**

	PRIOR	FY17	FY18	FY19	FY20	FY21	FY22	TOTAL
<b>EXPENDITURES:</b>								
Pre-Design								
Design								
Purch/Const.		25,000	25,000					50,000
<b>TOTAL</b>		<b>25,000</b>						<b>\$50,000</b>
<b>FUNDING:</b>								
Current Rev.		\$25,000	\$25,000					\$50,000
Seg. Funds	55,000							55,000
Borrow								
Federal								
State								
Other								
<b>TOTAL</b>	<b>\$55,000</b>	<b>\$25,000</b>	<b>\$25,000</b>					<b>\$105,000</b>
<b>OPERATING BUDGET IMPACT:</b>								
Personnel								
Non-Personnel								
Capital	55,000	25,000	25,000					105,000
<b>TOTAL</b>	<b>\$55,000</b>	<b>\$25,000</b>	<b>\$25,000</b>					<b>\$105,000</b>





**CITY OF BERLIN, NH**  
**2017 - 2022 CIP Project Description**

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

**PROJECT DESCRIPTION, RATIONALE & OPERATING BUDGET IMPACT**

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

**PRIORITY IN RELATION TO OTHER PROJECTS**

**HIGH**

**MEDIUM**

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

**OPERATING BUDGET IMPACT:**

**FINANCIAL PLAN**

	PRIOR	FY17	FY18	FY19	FY20	FY21	FY22	TOTAL
<b>EXPENDITURES:</b>								
Pre-Design								
Design		20,000						20,000
Purch/Const.		30,000	30,000	70,000	70,000			200,000
<b>TOTAL</b>		\$50,000	\$30,000	\$70,000	\$70,000			\$220,000

**FUNDING:**

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

**OPERATING BUDGET IMPACT:**

Personnel								
Non-Personnel								
Capital								
<b>TOTAL</b>								



**CITY OF BERLIN, NH**  
**2017 - 2022 CIP Project Description**

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

**PROJECT DESCRIPTION, RATIONALE & OPERATING BUDGET IMPACT**

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

**PRIORITY IN RELATION TO OTHER PROJECTS**

- HIGH**   
**MEDIUM**   
**LOW**

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

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

**FINANCIAL PLAN**

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



**CITY OF BERLIN, NH**  
**2017 - 2022 CIP Project Description**

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

**PROJECT DESCRIPTION, RATIONALE & OPERATING BUDGET IMPACT**

**DESCRIPTION:** Two sets - Pevo Channel Park Series Soccer goals including shipping  
 Need based on discussion with Berlin High School Athletic Director  
 Two Competition Series 8 X 24' goal  
 Need based on discussion with Berlin High School Athletic Director  
 AD sincerely believes if City makes a financial commitment, Senior and Junior High will as well

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

**PRIORITY IN RELATION TO OTHER PROJECTS**

**HIGH**

**MEDIUM**

**LOW**

**OPERATING BUDGET IMPACT:**

**FINANCIAL PLAN**

	PRIOR	FY17	FY18	FY19	FY20	FY21	FY22	TOTAL
<b>EXPENDITURES:</b>								
Pre-Design								
Design								
Purch/Const.		\$6,142.00	\$6,142.00					12,284
<b>TOTAL</b>		\$6,142.00	\$6,142.00					\$ 12,284.00
<b>FUNDING:</b> Possible revenue from School and/or Recreation Soccer User Fee Revenue								
Current Rev.		6142	\$6,142					\$12,284
Seg. Funds								
Borrow								
Federal								
State								
Other								
<b>TOTAL</b>		\$6,142.00	\$6,142.00					\$ 12,284.00
<b>OPERATING BUDGET IMPACT:</b>								
Personnel								
Non-Personnel								
Capital								
<b>TOTAL</b>								



**CITY OF BERLIN, NH**  
**2017 - 2022 CIP Project Description**

<b>GENERAL PROJECT DATA:</b>		<b>MASTER PLAN INFORMATION:</b>		<b>PROJECT NEED</b>		<b>PROJECT SCHEDULE</b>				<b>FY17</b>				<b>FY18</b>				<b>FY19</b>				<b>FY20</b>				<b>FY21</b>				<b>FY22</b>			
<b>Project Name:</b> <u>Electronic Health Record</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: Health				Mandate																													
Location: City Hall				Council Goal																													
				Dept. Goal		x				x																							

PROJECT DESCRIPTION, RATIONALE & OPERATING BUDGET IMPACT

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

**PRIORITY IN RELATION TO OTHER PROJECTS**

**HIGH**

**MEDIUM**

**LOW**

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

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

**FINANCIAL PLAN**

	PRIOR	FY17	FY18	FY19	FY20	FY21	FY22	TOTAL
<b>EXPENDITURES:</b>								
Pre-Design								
Design								
Purch/Const.		41,600						41,600
<b>TOTAL</b>								\$41,600
<b>FUNDING:</b>								
Current Rev.		\$41,600						\$41,600
Seg. Funds								
Borrow								
Federal								
State								
Other								
<b>TOTAL</b>		\$41,600						\$41,600
<b>OPERATING BUDGET IMPACT:</b>								
Personnel								
Non-Personnel								
Capital								
<b>TOTAL</b>								

Figures on Electronic health record by HealthIT.gov

Web Based  
upfront cost  
\$28,000  
  
yearly cost  
\$8,000  
  
Tablets  
\$5,600



**CITY OF BERLIN, NH**  
**2017 - 2022 CIP Project Description**

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

**PROJECT DESCRIPTION, RATIONALE & OPERATING BUDGET IMPACT**

<b>DESCRIPTION</b>		<b>PRIORITY IN RELATION TO OTHER PROJECTS</b>	
Spare 8" AUMA Pinch Valve (Actuator) for RAS Control	\$11,000.00	<b>HIGH</b>	<input type="checkbox"/>
Utility Body for F350 Pick Up Truck	\$7,500.00	<b>MEDIUM</b>	<input type="checkbox"/>
New Aluminum Grating Covers for both Chlorine Contact Tanks to replace wooden ones	\$32,000.00	<b>LOW</b>	<input checked="" type="checkbox"/>
Fenceline Upgrade and Replacements for around Perimeter	\$40,000.00		
<b>RATIONALE</b>			
The WWTF is a facility made up of large expensive pieces of machinery, equipment and vehicles which need replacement on a regular basis			

**OPERATING BUDGET IMPACT**

**FINANCIAL PLAN**

	PRIOR	FY17	FY18	FY19	FY20	FY21	FY22	TOTAL
<b>EXPENDITURES</b>								
Design	\$ 500							\$ 500
Management		\$ 1,000	\$ 1,000	\$ 2,500				\$ 4,500
Equipment		\$ 11,000	\$ 39,500	\$ 40,000				\$ 90,500
Construction		\$ 4,000	\$ 1,000	\$ 10,000				\$ 15,000
<b>TOTAL</b>	<b>\$ 500</b>	<b>\$ 16,000</b>	<b>\$ 41,500</b>	<b>\$ 52,500</b>				<b>\$ 110,500</b>
<b>FUNDING</b>								
Current Rev.	\$ 1,109,185	\$ (16,000)	\$ (41,500)	\$ (52,500)				\$ 999,185
Seg. Funds	\$ 5,202,913							\$ 5,202,913
Borrow								
Federal								
State								
Other								
<b>TOTAL</b>	<b>\$ 6,312,098</b>	<b>\$ (16,000)</b>	<b>\$ (41,500)</b>	<b>\$ (52,500)</b>				<b>\$ 6,202,098</b>
<b>OPERATING BUDGET IMPACT</b>								
Personnel								
Non-Personnel								
Capital								
<b>TOTAL</b>								

(MAP OR PLAN OF PROJECT OR BOTH)

## CITY OF BERLIN, NH 2017 - 2022 CIP Project Description

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

### PROJECT DESCRIPTION, RATIONALE & OPERATING BUDGET IMPACT

**DESCRIPTION:**

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

**PRIORITY IN RELATION TO OTHER PROJECTS**

- HIGH
- MEDIUM
- LOW

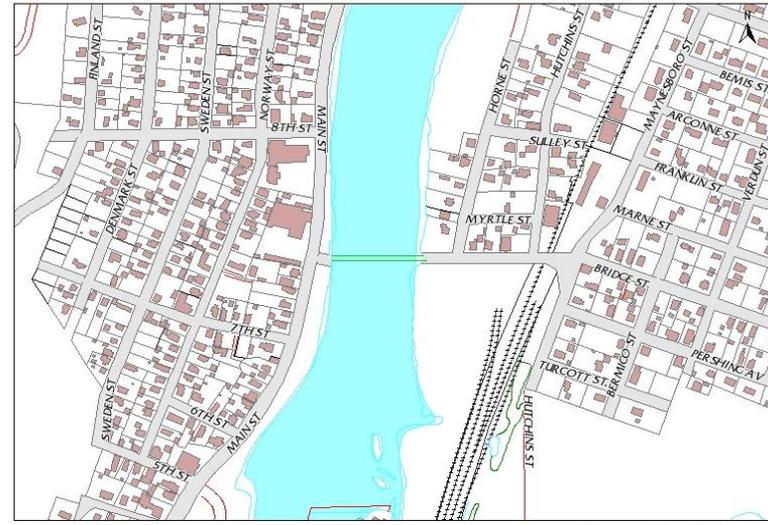
**RATIONALE:**

Update mapping in comprehensive GIS

**OPERATING BUDGET IMPACT**

**FINANCIAL PLAN**

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



Riverside Drive

**CITY OF BERLIN, NH**  
**2017 - 2022 CIP Project Description**

GENERAL PROJECT DATA: Project Name: <b>Sanitary Line Replacement</b>		MASTER PLAN INFORMATION: Project listed in MP? NO		PROJECT NEED		FY17				FY18				FY19				FY20				FY21				FY22			
				PROJECT SCHEDULE		1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4
Department: Waste Water Treatment				Mandate																									
Location: Various				Council Goal																									
				Dept. Goal		x		x		x		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 date back to the 1930's and 1940's)

**PRIORITY IN RELATION TO OTHER PROJECTS**

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

HIGH

MEDIUM

LOW

**RATIONALE:**

**OPERATING BUDGET IMPACT**

**FINANCIAL PLAN**

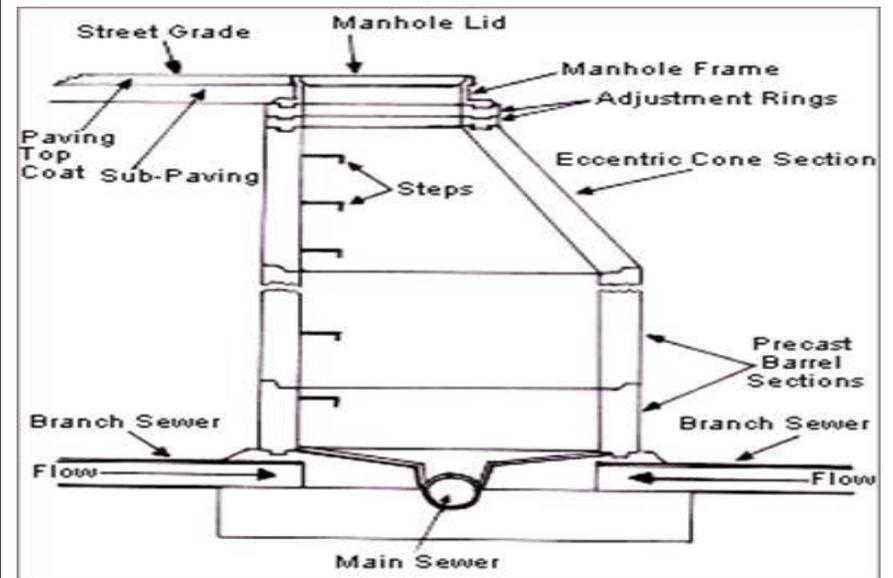
	PRIOR	FY17	FY18	FY19	FY20	FY21	FY22	TOTAL
<b>EXPENDITURES:</b>								
Design		\$20,000	\$20,000	\$20,000	\$20,000	\$20,000	\$20,000	\$120,000
Management		100,000	100,000	100,000	100,000	100,000	100,000	600,000
Equipment								0
Construction								0
<b>TOTAL</b>		\$120,000	\$120,000	\$120,000	\$120,000	\$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								
<b>TOTAL</b>	\$120,000	\$120,000	\$120,000	\$120,000	\$120,000	\$120,000	\$120,000	\$840,000

**OPERATING BUDGET IMPACT:**

Personnel								
Non-Personnel								
Capital								
<b>TOTAL</b>								



**CITY OF BERLIN, NH**  
**2017 - 2022 CIP Project Description**

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

**PROJECT DESCRIPTION, RATIONALE & OPERATING BUDGET IMPACT**

**DESCRIPTION**

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

**RATIONALE:**

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

**OPERATING BUDGET IMPACT**

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

**PRIORITY IN RELATION TO OTHER PROJECTS**

- HIGH
- MEDIUM
- LOW

**FINANCIAL PLAN**

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



**CITY OF BERLIN, NH**  
**2017 - 2022 CIP Project Description**

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

PROJECT DESCRIPTION, RATIONALE & OPERATING BUDGET IMPACT

**DESCRIPTION**

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

**RATIONALE**

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

**OPERATING BUDGET IMPACT**

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

**PRIORITY IN RELATION TO OTHER PROJECTS**

- HIGH
- MEDIUM
- LOW

**FINANCIAL PLAN**

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



**CITY OF BERLIN, NH**  
**2017 - 2022 CIP Project Description**

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

**PROJECT DESCRIPTION, RATIONALE & OPERATING BUDGET IMPACT**

**DESCRIPTION:**

Rebuild raw sewage pump including a new design impeller

**PRIORITY IN RELATION TO OTHER PROJECTS**

- HIGH   
MEDIUM   
LOW

**RATIONALE:**

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

**OPERATING BUDGET IMPACT:**

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

FINANCIAL PLAN								
	PRIOR	FY17	FY18	FY19	FY20	FY21	FY22	TOTAL
<b>EXPENDITURES</b>								
Design		\$ 3,000						\$ 3,000
Management			\$ 2,500					\$ 2,500
Equipment			\$ 30,000					\$ 30,000
Construction			\$ 4,500					\$ 4,500
<b>TOTAL</b>		\$ 3,000	\$ 37,000					\$ 40,000
<b>FUNDING</b>								
Current Revenue	\$ 1,109,185	\$ (3,000)	\$ (37,000)					\$ 1,069,185
Segregated Funds	\$ 5,202,913							\$ 5,202,913
Borrow								
Federal								
State								
Other								
<b>TOTAL</b>	\$ 6,312,098	\$ (3,000)	\$ (37,000)					\$ 6,272,098
<b>OPERATING BUDGET IMPACT</b>								
Personnel								
Non-Personnel								
Capital								
<b>TOTAL</b>								

(MAP OR PLAN OF PROJECT OR BOTH)

**CITY OF BERLIN, NH**  
**2017 - 2022 CIP Project Description**

<b>GENERAL PROJECT DATA:</b>		<b>MASTER PLAN INFORMATION:</b>		<b>PROJECT NEED</b>	<b>PROJECT SCHEDULE</b>	<b>FY17</b>	<b>FY18</b>	<b>FY19</b>	<b>FY20</b>	<b>FY21</b>	<b>FY22</b>
<b>Project Name:</b>	<b>Long Term CSO Control Plan</b>	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
<b>Department:</b>	Pollution Control Facility	No		Mandate	x						
<b>Location:</b>	Watson Street Pump Station			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 x

**PROJECT DESCRIPTION, RATIONALE & OPERATING BUDGET IMPACT**

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

**PRIORITY IN RELATION TO OTHER PROJECTS**

- HIGH**
- MEDIUM**
- LOW**

**RATIONALE:** (Cost/Benefit, Need and/or Service Standard)  
 Numerous violations of our NPDES Permit occur at this Discharge Point most years: we must mitigate the number of these violations or risk penalty assessments from USEPA. All these violations are for the release of untreated wastewater with total Escherichia Coli counts greater than 1000 colonies per 100 mL.

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

<b>FINANCIAL PLAN</b>								
	<b>PRIOR</b>	<b>FY17</b>	<b>FY18</b>	<b>FY19</b>	<b>FY20</b>	<b>FY21</b>	<b>FY22</b>	<b>Total</b>
<b>EXPENDITURES:</b>								
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
<b>TOTAL</b>	<b>\$11,000</b>	<b>\$50,000</b>	<b>\$355,000</b>	<b>\$350,000</b>	<b>\$355,000</b>	<b>\$350,000</b>	<b>\$355,000</b>	<b>\$1,826,000</b>
<b>FUNDING:</b>								
Current Rev.	\$10,000	\$50,000	\$355,000	\$350,000	\$355,000	\$350,000	\$355,000	\$1,825,000
Seg. Funds								
Borrow								
Federal								
State								
Other								0
<b>TOTAL</b>	<b>\$10,000</b>	<b>\$50,000</b>	<b>\$355,000</b>	<b>\$350,000</b>	<b>\$355,000</b>	<b>\$350,000</b>	<b>\$355,000</b>	<b>\$1,825,000</b>
<b>OPERATING BUDGET IMPACT:</b>								
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	1,500,000
<b>TOTAL</b>		<b>\$53,120</b>	<b>\$308,120</b>	<b>\$305,000</b>	<b>\$308,120</b>	<b>\$303,120</b>	<b>\$310,620</b>	<b>\$1,588,100</b>



**CITY OF BERLIN, NH**  
**2017 - 2022 CIP Project Description**

GENERAL PROJECT DATA: <b>Project Name:</b> <u>Replace Cover/Domes of 2 Thickeners with new ones</u> <b>Department:</b> Waste Water Treatment <b>Location:</b> Pump Room Basement	MASTER PLAN INFORMATION: Project listed in MP? NO	PROJECT NEED	PROJECT SCHEDULE	FY17				FY18				FY19				FY20				FY21				FY22				
		Mandate																										
		Council Goal																										
		Dept. Goal		x																								

PROJECT DESCRIPTION, RATIONALE & OPERATING BUDGET IMPACT

**DESCRIPTION**

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

**PRIORITY IN RELATION TO OTHER PROJECTS**

**HIGH**

**MEDIUM**

**LOW**

**RATIONALE**

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

**OPERATING BUDGET IMPACT**

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

**FINANCIAL PLAN**

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



**CITY OF BERLIN, NH**  
**2017 - 2022 CIP Project Description**

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

**PROJECT DESCRIPTION, RATIONALE & OPERATING BUDGET IMPACT**

**DESCRIPTION**

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

**PRIORITY IN RELATION TO OTHER PROJECTS**

HIGH

MEDIUM

LOW

**RATIONALE**

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

**OPERATING BUDGET IMPACT**

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

**FINANCIAL PLAN**

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

(MAP OR PLAN OF PROJECT OR BOTH)

**CITY OF BERLIN, NH**  
**2017 - 2022 CIP Project Description**

GENERAL PROJECT DATA:		MASTER PLAN INFORMATION:	PROJECT NEED	PROJECT SCHEDULE	FY17	FY18	FY19	FY20	FY21	FY22
Project Name:	<b>Install (UPS) Uninterruptible Power Supply for RAS Box</b>	Project listed in MP?			1 2 3 4	1 2 3 4	1 2 3 4	1 2 3 4	1 2 3 4	1 2 3 4
Department:	Waste Water Treatment	NO	Mandate							
Location:	Treatment Plant		Council Goal							
			Dept. Goal	x						

**PROJECT DESCRIPTION, RATIONALE & OPERATING BUDGET IMPACT**

**DESCRIPTION**

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

**RATIONALE**

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

**OPERATING BUDGET IMPACT**

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

**PRIORITY IN RELATION TO OTHER PROJECTS**

- HIGH
- MEDIUM
- LOW

**FINANCIAL PLAN**

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



**CITY OF BERLIN, NH**  
**2017 - 2022 CIP Project Description**

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

**PROJECT DESCRIPTION, RATIONALE & OPERATING BUDGET IMPACT**

**DESCRIPTION**

Cut in 6" Schedule 20 Stainless Steel Pipe to main trunk of Airline to Aeration Tanks and run it into the Primary Pump Room where it will tie into existing 3" Grit Chamber Blower Line Header.

**PRIORITY IN RELATION TO OTHER PROJECTS**

**HIGH**

**RATIONALE**

Cut in 6" Schedule 20 Stainless Steel Pipe to main trunk of Airline to Aeration Tanks and run it into the Primary Pump Room where it will tie into existing 3" Grit Chamber Blower Line Header.

**MEDIUM**

**LOW**

**OPERATING BUDGET IMPACT**

Cut in 6" Schedule 20 Stainless Steel Pipe to main trunk of Airline to Aeration Tanks and run it into the Primary Pump Room where it will tie into existing 3" Grit Chamber Blower Line Header.

**FINANCIAL PLAN**

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

(MAP OR PLAN OF PROJECT OR BOTH)

**CITY OF BERLIN, NH**  
**2017 - 2022 CIP Project Description**

GENERAL PROJECT DATA:		MASTER PLAN INFORMATION: Project listed in MP? NO	PROJECT NEED	PROJECT SCHEDULE	FY17				FY18				FY19				FY20				FY21				FY22								
<b>Project Name:</b>	<u>Fill Drainage Ditch by Effluent Discharge over New Culvert &amp; Bring to Grade</u>		Mandate			1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4
<b>Department:</b>	Waste Water Treatment		Council Goal																														
<b>Location:</b>	Treatment Plant		Dept. Goal		x																												

**PROJECT DESCRIPTION, RATIONALE & OPERATING BUDGET IMPACT**

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

**PRIORITY IN RELATION TO OTHER PROJECTS**

- HIGH   
 MEDIUM   
 LOW

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

**OPERATING BUDGET IMPACT**  
 Less time maintaining Lawn and removing snow. Ease of access for maintenance to use big equipment on the Chlorine Contact Tanks.

**FINANCIAL PLAN**

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



**CITY OF BERLIN, NH**  
**2017 - 2022 CIP Project Description**

GENERAL PROJECT DATA:		MASTER PLAN INFORMATION: Project listed in MP?  NO	PROJECT NEED		FY17				FY18				FY19				FY20				FY21				FY22				
<b>Project Name:</b>	<u>Replace Kubota Tractor with new Equipment and Attachments</u>		Mandate			1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4
<b>Department:</b>	Waste Water Treatment		Council Goal																										
<b>Location:</b>	Treatment Plant		Dept. Goal						x																				

**PROJECT DESCRIPTION, RATIONALE & OPERATING BUDGET IMPACT**

**DESCRIPTION**

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

**RATIONALE**

The Backhoe component needs to be rebuilt to make it work, we realize now we need more capacity to move snow out of the way, and there are many new attachments we could use with the modern quick-disconnect fittings.

**PRIORITY IN RELATION TO OTHER PROJECTS**

- HIGH**
- MEDIUM**
- LOW**

**OPERATING BUDGET IMPACT**

**FINANCIAL PLAN**

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

(MAP OR PLAN OF PROJECT OR BOTH)

**CITY OF BERLIN, NH**  
**2017 - 2022 CIP Project Description**

GENERAL PROJECT DATA:		MASTER PLAN INFORMATION:		PROJECT NEED		PROJECT SCHEDULE		FY17		FY18		FY19		FY20		FY21		FY22					
<b>Project Name:</b> <u>Replace Pumps &amp; Control Panel</u>		Project listed in MP? NO						1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4
Department: Waste Water Treatment				Mandate																			
Location: Main Plant				Council Goal																			
				Dept. Goal		x																	

**PROJECT DESCRIPTION, RATIONALE & OPERATING BUDGET IMPACT**

**DESCRIPTION**

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

**RATIONALE**

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

**OPERATING BUDGET IMPACT**

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

**PRIORITY IN RELATION TO OTHER PROJECTS**

- HIGH**
- MEDIUM**
- LOW**

**FINANCIAL PLAN**

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



**CITY OF BERLIN, NH**  
**2017 - 2022 CIP Project Description**

<b>GENERAL PROJECT DATA:</b> <b>Project Name:</b> <u>AV Fuel Storage System</u> <u>beacon line clearing</u> Department: Berlin Regional Airport Location: 800 East Side River Road, Milan	<b>MASTER PLAN INFORMATION:</b> Project listed in MP?	<b>PROJECT NEED</b>	<b>PROJECT SCHEDULE</b>	<b>FY17</b>	<b>FY18</b>	<b>FY19</b>	<b>FY20</b>	<b>FY21</b>	<b>FY22</b>														
				1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4
		Mandate								X	X	X	X										
		Council Goal																					
		Dept. Goal	X																				

PROJECT DESCRIPTION, RATIONALE & OPERATING BUDGET IMPACT

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

**PRIORITY IN RELATION TO OTHER PROJECTS**

- HIGH**
- MEDIUM**
- LOW**

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

**OPERATING BUDGET IMPACT:**

**FINANCIAL PLAN**

	PRIOR	FY17	FY18	FY19	FY20	FY21	FY22	TOTAL
<b>EXPENDITURES:</b>								
Pre-Design								
Design								
Purch/Const.								
<b>TOTAL</b>								
<b>FUNDING:</b>								
Current Rev.			\$24,737					\$24,737
Seg. Funds								
Borrow								
Federal			\$395,792					395,792
State			24,737					24,737
Other								
<b>TOTAL</b>			\$445,266					\$445,266
<b>OPERATING BUDGET IMPACT:</b>								
Personnel								
Non-Personnel								
Capital								
<b>TOTAL</b>								



**CITY OF BERLIN, NH**  
**2017 - 2022 CIP Project Description**

<b>GENERAL PROJECT DATA:</b> <b>Project Name:</b> Master Plan Update  Department: Airport Location: 800 East Side River Road, Milan	<b>MASTER PLAN INFORMATION:</b> Project listed in MP?	<b>PROJECT NEED</b>	<b>PROJECT SCHEDULE</b>	FY17				FY18				FY19				FY20				FY21				FY22				
				1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	
		Mandate														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	FY17	FY18	FY19	FY20	FY21	FY22	TOTAL
<b>EXPENDITURES:</b>								
Pre-Design								
Design								
Purch/Const.								
<b>TOTAL</b>								
<b>FUNDING:</b>								
Current Rev.							\$5,000	\$5,000
Seg. Funds								
Borrow								
Federal							90,000	90,000
State							5,000	5,000
Other								
<b>TOTAL</b>							\$100,000	\$100,000
<b>OPERATING BUDGET IMPACT:</b>								
Personnel								
Non-Personnel								
Capital								
<b>TOTAL</b>								





**CITY OF BERLIN, NH**  
**2017 - 2022 CIP Project Description**

<b>GENERAL PROJECT DATA:</b>		<b>MASTER PLAN INFORMATION:</b>		<b>PROJECT NEED</b>		<b>PROJECT SCHEDULE</b>		<b>FY17</b>		<b>FY18</b>		<b>FY19</b>		<b>FY20</b>		<b>FY21</b>		<b>FY22</b>	
<b>Project Name:</b> <u>Ramp Expansion &amp; Hangar Alley Rehab.</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: Berlin Regional Airport				Mandate														X X X X	
Location:				Council Goal															
				Dept. Goal		X													

PROJECT DESCRIPTION, RATIONALE & OPERATING BUDGET IMPACT

**DESCRIPTION:**

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

This project would include the area east of Hangar Alley

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

This is a 2 year project.

**RATIONALE:**

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

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

**PRIORITY IN RELATION TO OTHER PROJECTS**

**HIGH**

**MEDIUM**

**LOW**

**OPERATING BUDGET IMPACT:**

**FINANCIAL PLAN**

	PRIOR	FY17	FY18	FY19	FY20	FY21	FY22	TOTAL
<b>EXPENDITURES:</b>								
Pre-Design								
Design				250,000				
Purch/Const.					1,000,000			1,000,000
<b>TOTAL</b>				\$250,000	\$1,000,000			\$1,250,000
<b>FUNDING:</b>								
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								
<b>TOTAL</b>				\$250,000	\$1,100,000			\$1,350,000
<b>OPERATING BUDGET IMPACT:</b>								
Personnel								
Non-Personnel								
Capital								
<b>TOTAL</b>								



**CITY OF BERLIN, NH**  
**2017 - 2022 CIP Project Description**

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

**PROJECT DESCRIPTION, RATIONALE & OPERATING BUDGET IMPACT**

**DESCRIPTION:** Remove brush and trees from the beacon line right-of-way lines to ensure access and proper operation of the hazard beacons. This project has a projected start up in 2015. To clear all 6 hazard beacon lines will require a multi year project. The 2 worst lines will be done first.

**PRIORITY IN RELATION TO OTHER PROJECTS**

**HIGH**

**MEDIUM**

**LOW**

**RATIONALE:** The Hazard beacon lines have become overgrown and must be cleared to properly maintain the operation of the beacons. The Terminal Building HVAC system has reached the end of it's useful life and must be replaced before major failure occurs.

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

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

**FINANCIAL PLAN**

	PRIOR	FY17	FY18	FY19	FY20	FY21	FY22	TOTAL
<b>EXPENDITURES:</b>								
Pre-Design								
Design		100,000						100,000
Purch/Const.		150,000	100,000					250,000
<b>TOTAL</b>		<b>\$250,000</b>	<b>\$100,000</b>					<b>\$350,000</b>
<b>FUNDING:</b>								
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								
<b>TOTAL</b>		<b>\$250,000</b>	<b>\$100,000</b>					<b>\$350,000</b>
<b>OPERATING BUDGET IMPACT:</b>								
Personnel								
Non-Personnel								
Capital								
<b>TOTAL</b>								

