

CITY OF BERLIN									
2018-2023 Capital Improvement Program									
FY 2019 Projects									
DEPT	PROJECT #	PROJECT TITLE	CITY	STATE	FEDERAL	BORROW	OTHER	TOTAL FUNDING	
GENERAL FUND									
CITY HALL	GF-72	City Hall Elevator	15,000					15,000	
ENGINEERING	GF-2	Sidewalk Replacement	100,000					100,000	
ENGINEERING	GF-3	Retaining Wall Repair/Replace	120,000					120,000	
ENGINEERING	GF-4	Street Rehabilitation	309,000					309,000	
ENGINEERING	GF-5	Bridge Inspection/Repair	240,000					240,000	
ENGINEERING	GF-7	Riverwalk				3,200,000		3,200,000	
FIRE	GF-8	Handheld Radio Replacement	91,884					91,884	
FIRE	GF-10	Fire Alarm System Maintenance	13,800					13,800	
FIRE	GF-12	Fire Chief's Vehicle Car One	15,564					15,564	
FIRE	GF-14	Lease/Purchase Ladder 1	200,000					200,000	
FIRE	GF-15	Engine One Replacement	93,000					93,000	
FIRE	GF-50	Engine Four Replacement	262,617					262,617	
HOUSING	GF-73	Housing Initiative	250,000					250,000	
LIBRARY	GF-64	Building Repairs	30,000					30,000	
PLANNING	GF-60	Moving Downtown Forward	25,000					25,000	
PLANNING	GF-61	IT	70,000					70,000	
POLICE	GF-18	Cruisers	71,100					71,100	
PWD	GF-27	PW Equipment Replacement	150,000					150,000	
PWD	GF-28	Public Works Garage Upgrade	120,000					120,000	
PWD	GF-29	Drain Line Replacement	180,000					180,000	
PWD	GF-31	Loader Lease/Purchase				82,000		82,000	
PWD	GF-32	Salt Sand Storage Shed	104,000					104,000	
PWD	GF-70	Downtown Snow Melt System	500,000					500,000	
RECREATION	GF-34	Equipment	50,000					50,000	
RECREATION	GF-35	Building Repairs	25,000					25,000	
RECREATION	GF-62	Tennis Courts	110,000					110,000	
SCHOOL	GF-36	Bus Replacement	90,000					90,000	
SCHOOL	GF-47	Hillside/BMS Cafeteria Floors	70,000					70,000	
SCHOOL	GF-48	Masonry & Brick Repointing	35,000					35,000	
		Total General Fund	3,340,965			3,282,000		6,622,965	
SEWER FUND:									
WWTP	SF-1	Cost Replacement	41,500					41,500	
WWTP	SF-2	Utility Mapping	10,000					10,000	
WWTP	SF-3	Sanitary Line Replacement	120,000					120,000	
WWTP	SF-4	Dead River Pump Station	255,000					255,000	
WWTP	SF-6	Rebuild Raw Sewage Pump Impeller	37,000					37,000	
WWTP	SF-9	Alarm System at Pump Stations	41,500					41,500	
WWTP	SF-12	Fill Drainage Ditch	31,000					31,000	
WWTP	SF-13	Replace Kubota Tractor	25,000					25,000	
		Total Sewer Fund	561,000					561,000	
AIRPORT									
AIRPORT	AF-1	AV Fuel Storage Facility	24,737	24,737	395,792			445,266	
AIRPORT	AF-6	Terminal Building Replacement	25,000	25,000	475,000			525,000	
		Total Airport Fund	49,737	49,737	870,792			970,266	
		Grand Total for FY 2019	3,951,702	49,737	870,792	3,282,000		8,154,231	

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2018-2023 Capital Improvement Program									
FY 2020 Projects									
	DEPT	PROJECT #	PROJECT TITLE	CITY	STATE	FEDERAL	BORROW	OTHER	TOTAL FUNDING
GENERAL FUND									
	CITY HALL	GF-72	City Hall Elevator	15,000					15,000
	ENGINEERING	GF-2	Sidewalk Replacement	100,000					100,000
	ENGINEERING	GF-3	Retaining Wall Repair/Replacement	120,000					120,000
	ENGINEERING	GF-4	Street Rehabilitation	309,000					309,000
	ENGINEERING	GF-5	Bridge Inspection/Repair Program	240,000					240,000
	ENGINEERING	GF-70	Downtown Snow Melt System	500,000					500,000
	FIRE	GF-10	Fire Alarm System	13,800					13,800
	FIRE	GF-12	Fire Chief's Car	17,654					17,654
	FIRE	GF-13	FD Addition	4,671,450					4,671,450
	FIRE	GF-14	Lease Purchase Ladder One	200,000					200,000
	FIRE	GF-15	Engine One Replacement	93,000					93,000
	HEALTH	GF-65	Home Health Car	20,000					20,000
	HOUSING	GF-73	Housing Initiative	250,000					250,000
	LIBRARY	GF-64	Building Repairs	70,000					70,000
	PLANNING	GF-61	IT Initiative	70,000					70,000
	POLICE	GF-18	Cruisers	73,900					73,900
	POLICE	GF-22	Leather Gear	4,500					4,500
	POLICE	GF-25	Ballistic Vests	12,500					12,500
	PWD	GF-27	Equipment Replacement	150,000					150,000
	PWD	GF-28	PW Garage Upgrade	120,000					120,000
	PWD	GF-29	Drain Line Replacement	180,000					180,000
	PWD	GF-31	Loader Lease/Purchase				82,000		82,000
	PWD	GF-32	Salt Sand Storage Shed	104,000					104,000
	RECREATION	GF-34	Equipment Replacement	30,000					30,000
	RECREATION	GF-35	Building Repairs	25,000					25,000
	SCHOOLS	GF-38	Asphalt Hillside/Brown Playgrounds	17,250					17,250
	SCHOOLS	GF-41	BMS Chimney	900,000					900,000
	SCHOOLS	GF-43	BHS Road Development	250,000					250,000
	SCHOOLS	GF-44	Hillside/BMS/BHS Main Entrance	900,000					900,000
			Total General Fund	9,457,054			82,000		9,539,054
SEWER FUND:									
	WWTP	SF-1	Cost Replacement	52,500					52,500
	WWTP	SF-2	Utility Mapping	10,000					10,000
	WWTP	SF-3	Sanitary Line Replacement	120,000					120,000
	WWTP	SF-7	Replace Boiler Admin Bldg	90,000					90,000
	WWTP	SF-14	Napert Village Pump Station	180,000					180,000
				452,500					452,500
	AIRPORT	AF-3	Wildlife Hazard Assessment	3,889	3,889	62,222			70,000
	AIRPORT	AF-4	Ramp Expansion & Hangar Alley	12,500	12,500	225,000			250,000
			Total Airport Fund	16,389	16,389	287,222			320,000
			Grand Total for FY 2020	9,925,943	16,389	287,222	82,000		10,311,554
							0		

CITY OF BERLIN									
2018-2023 Capital Improvement Program									
FY 2021 Projects									
	DEPT	PROJECT #	PROJECT TITLE	CITY	STATE	FEDERAL	BORROW	OTHER	TOTAL FUNDING
GENERAL FUND									
	CITY HALL	GF-72	City Hall Elevator	15,000					15,000
	ENGINEERING	GF-2	Sidewalk Replacement	100,000					100,000
	ENGINEERING	GF-3	Retaining Wall Repair/Replacement	120,000					120,000
	ENGINEERING	GF-4	Street Rehabilitation	309,000					309,000
	ENGINEERING	GF-5	Bridge Inspection/Repair Program	240,000					240,000
	ENGINEERING	GF-70	Downtown Snow Melt System	500,000					500,000
	FIRE	GF-9	Firefighter Protective Clothing	42,300	50,700				93,000
	FIRE	GF-10	Fire Alarm System	13,800					13,800
	FIRE	GF-12	Fire Chief's Car One	17,654					17,654
	FIRE	GF-14	Lease Purchase Ladder One	200,000					200,000
	FIRE	GF-15	Engine One Replacement	93,000					93,000
	HOUSING	GF-73	Housing Initiative	250,000					250,000
	LIBRARY	GF-64	Building Repairs	70,000					70,000
	PLANNING	GF-61	IT Initiative	10,000					10,000
	POLICE	GF-18	Cruisers	76,900					76,900
	POLICE	GF-21	Cruiser Laptop Computers	17,071					17,071
	POLICE	GF-24	Radios	24,050					24,050
	PWD	GF-27	Equipment Replacement	150,000					150,000
	PWD	GF-28	PW Garage Upgrade	120,000					120,000
	PWD	GF-29	Drain Line Replacement	180,000					180,000
	PWD	GF-31	Loader Lease/Purchase				82,000		82,000
	RECREATION	GF-34	Equipment Replacement	35,000					35,000
	RECREATION	GF-35	Building Repairs	25,000					25,000
	SCHOOL	GF-36	Bus Replacement	90,000					90,000
	SCHOOL	GF-49	BHS Classroom Floors & Asbestos	85,000					85,000
			Total General Fund	2,783,775	50,700		82,000		2,916,475
SEWER FUND									
	WWTP	SF-2	Utility Mapping	10,000					10,000
	WWTP	SF-3	Sanitary Line Replacement	120,000					120,000
	WWTP	SF-5	Devens St Pump Station	395,000					395,000
	WWTP	SF-8	Replace Gravity Thickener Covers	111,000					111,000
			Total Sewer Fund	636,000					636,000
AIRPORT FUND									
	AIRPORT	AF-4	Ramp Expansion Phase 1	50,000	50,000	1,000,000			1,100,000
			Total Airport Fund	50,000	50,000	1,000,000			1,100,000
			Grand Total for FY 2021	3,469,775	100,700	1,000,000	82,000		4,652,475

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2018-2023 Capital Improvement Program									
FY 2022 Projects									
	DEPT	PROJECT #	PROJECT TITLE	CITY	STATE	FEDERAL	BORROW	OTHER	TOTAL FUNDING
GENERAL FUND									
	ASSESSING	GF-1	Assessing Contract & Utility Values	142000					142000
	CITY HALL	GF-72	Elevator Replacement	15,000					15,000
	ENGINEERING	GF-2	Sidewalk Replacement	100,000					100,000
	ENGINEERING	GF-3	Retaining Wall Repair/Replacement	120,000					120,000
	ENGINEERING	GF-4	Street Rehabilitation	309,000					309,000
	ENGINEERING	GF-5	Bridge Inspection/Repair Program	240,000					240,000
	ENGINEERING	GF-69	Snowmobile Trails	15,000					15,000
	ENGINEERING	GF-70	Downtown Snow Melt System	500,000					500,000
	FIRE	GF-14	Lease Purchase Ladder One	200,000					200,000
	FIRE	GF-15	Engine One Replacement	99,000					99,000
	HEALTH	GF-65	Home Health Car	20,000					20,000
	HOUSING	GF-73	Housing Initiative	250,000					250,000
	POLICE	GF-18	Police Cruisers	80,000					80,000
	POLICE	GF-21	Cruiser Laptop Computers	17,072					17,072
	PLANNING	GF-61	IT Initiative	15,000					15,000
	PWD	GF-27	Equipment Replacement	150,000					150,000
	PWD	GF-28	PW Garage Upgrade	120,000					120,000
	PWD	GF-29	Drain Line Replacement	180,000					180,000
	PWD	GF-31	Loader Lease Purchase				82,000		82,000
	PWD	GF-33	Dead River Channel/Moxie Alley		195,000			705,000	900,000
	RECREATION	GF-35	Building Repairs	25,000					25,000
	SCHOOL	GF-39	BHS Science Classroom	1,200,000					1,200,000
	SCHOOL	GF-45	BHS Lecture Hall	85,000					85,000
			Total General Fund	3,882,072	195,000		82,000	705,000	4,864,072
SEWER FUND									
	WWTP	SF-2	Utility Mapping	5,000					5,000
	WWTP	SF-3	Sanitary Line Replacement	120,000					120,000
			Total Sewer Fund	125,000					125,000
AIRPORT FUND									
			Grand Total for FY 2022	4,007,072	195,000		82,000	705,000	4,989,072

CITY OF BERLIN								
2018-2023 Capital Improvement Program								
FY 2023 Projects								
DEPT	PROJECT #	PROJECT TITLE	CITY	STATE	FEDERAL	BORROW	OTHER	TOTAL FUNDING
GENERAL FUND								
CITY HALL	GF-72	Elevator	15,000					15,000
ENGINEERING	GF-2	Sidewalk Replacement	100,000					100,000
ENGINEERING	GF-3	Retaining Wall Repair/Replacement	120,000					120,000
ENGINEERING	GF-4	Street Rehabilitation	309,000					309,000
ENGINEERING	GF-5	Bridge Inspection/Repair Program	240,000					240,000
ENGINEERING	GF-33	Dead River Channel/Moxie Alley					3,000,000	3,000,000
ENGINEERING	GF-68	Route 110 Sewer Extension	2,700,000					2,700,000
ENGINEERING	GF-69	Snowmobile Trails			300,000			300,000
ENGINEERING	GF-70	Downtown Snow Melt System	500,000					500,000
FIRE	GF-15	Engine One Replacement	99,000					99,000
HOUSING	GF-73	Housing Initiative	200,000					200,000
PLANNING	GF-61	IT Initiative	10,000					10,000
POLICE	GF-18	Police Cruisers	83,200					83,200
POLICE	GF-20	New Police Dept Facility	400,000			3,600,000		4,000,000
PWD	GF-27	Equipment Replacement	150,000					150,000
PWD	GF-28	PW Garage Upgrades	120,000					120,000
PWD	GF-29	Drain Line Replacements	180,000					180,000
PWD	GF-31	Loader Lease Purchase				82,000		82,000
RECREATION	GF-35	Building Repairs	27,500					27,500
SCHOOLS	GF-36	Bus Replacement	95,000					95,000
SCHOOLS	GF-46	BMS Boiler	160,000					160,000
SCHOOLS	GF-49	BHS Floors & Abatement	85,000					85,000
		Total General Fund	5,593,700		300,000	3,682,000	3,000,000	12,575,700
SEWER FUND								
WWTP	SF-2	Utility Mapping	5,000					5,000
WWTP	SF-3	Sanitary Line Replacement	120,000					120,000
		Total Sewer Fund	125,000					125,000
AIRPORT FUND								
AIRPORT	AF-2	Master Plan Update	5,000	5,000	90,000			100,000
		Total Airport Fund	5,000	5,000	90,000			100,000
		Grand Total for FY 2023	5,723,700	5,000	390,000	3,682,000	3,000,000	12,800,700

CITY OF BERLIN, NH
2018 - 2023 CIP Project Description

GENERAL PROJECT DATA: Project Name: <u>Assessing Contract & Utility Valuation</u> Department: Location:	MASTER PLAN INFORMATION: Project listed in MP?	PROJECT NEED	PROJECT SCHEDULE	FY18				FY19				FY20				FY21				FY22				FY23			
				1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4
		Mandate																									
		Council Goal																									
		Dept. Goal																									

PROJECT DESCRIPTION, RATIONALE & OPERATING BUDGET IMPACT

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

PRIORITY IN RELATION TO OTHER PROJECTS

- HIGH**
MEDIUM
LOW

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

OPERATING BUDGET IMPACT:

FINANCIAL PLAN

	PRIOR	FY18	FY19	FY20	FY21	FY22	FY23	TOTAL
EXPENDITURES:								
Pre-Design								
Design								
Purch/Const.								
TOTAL								
FUNDING:								
Current Rev.		\$45,500				\$142,000		\$187,500
Seg. Funds								
Borrow								
Federal								
State								
Other								
TOTAL		\$45,500				\$142,000		\$187,500
OPERATING BUDGET IMPACT:								
Personnel								
Non-Personnel								
Capital								
TOTAL								



CITY OF BERLIN, NH
2018 - 2023 CIP Project Description

GENERAL PROJECT DATA:		MASTER PLAN INFORMATION: Project listed in MP?	PROJECT NEED	PROJECT SCHEDULE	FY18				FY19				FY20				FY21				FY22				FY23			
Project Name:	Sidewalk Replacement				1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4
Department:	Engineering																											
Location:	various				x				x				x				x				x				x			

PROJECT DESCRIPTION, RATIONALE & OPERATING BUDGET IMPACT

DESCRIPTION:	A large number of City sidewalks are in dire need of replacement				PRIORITY IN RELATION TO OTHER PROJECTS			
School Street	69,000	Hillside Ave	28,000					HIGH <input checked="" type="checkbox"/>
Willard Street	13,000	Elm Street	39,000					MEDIUM <input type="checkbox"/>
Champlain St.	15,000	Western Ave.	100,000					LOW <input type="checkbox"/>
4th Ave	10,000	Hutchins Street	99,000					
High Street	59,000	Park Street	10,000					
First Avenue	25,000							
Glen Avenue	90,000							
	281,000		276,000				\$ 557,000	
RATIONALE:	Personal Safety	251'						
	Transportation enhancement							
	Economic development							
	Improve community image							
OPERATING BUDGET IMPACT:								

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



Champlain Street



Willard Street

OR

CITY OF BERLIN, NH
2018 - 2023 CIP Project Description

GENERAL PROJECT DATA:		MASTER PLAN INFORMATION:		PROJECT NEED		PROJECT SCHEDULE		FY18		FY19		FY20		FY21		FY22		FY23			
Project Name:	Retaining wall repair/replacement	Project listed in MP?				1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4
Department:	Engineering			Mandate																	
Location:	various			Council Goal																	
				Dept. Goal	x	x				x				x				x			

PROJECT DESCRIPTION, RATIONALE & OPERATING BUDGET IMPACT

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

OPERATING BUDGET IMPACT:

FINANCIAL PLAN

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



CITY OF BERLIN, NH
2018 - 2023 CIP Project Description

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

DESCRIPTION: Road improvements/pavement rehabilitation

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

PRIORITY IN RELATION TO OTHER PROJECTS

HIGH

MEDIUM

LOW

RATIONALE: Pavement rehabilitation

Total **1,509,000**

OPERATING BUDGET IMPACT:

FINANCIAL PLAN

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

OPERATING BUDGET IMPACT:

Personnel								
Non-Personnel								
Capital								
TOTAL								



Hutchins



P OR



Willard Street

CITY OF BERLIN, NH
2018 - 2023 CIP Project Description

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

PROJECT DESCRIPTION, RATIONALE & OPERATING BUDGET IMPACT

DESCRIPTION: Road improvements/pavement rehabilitation
Hutchins Street \$200,000

PRIORITY IN RELATION TO OTHER PROJECTS

HIGH

MEDIUM

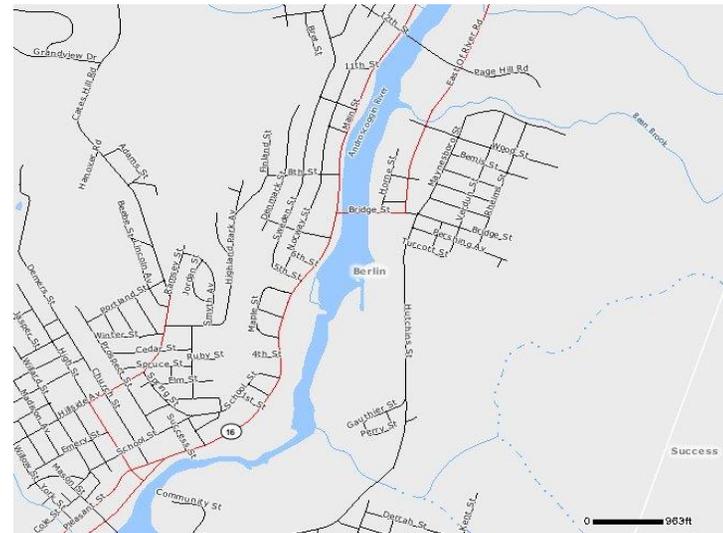
LOW

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

OPERATING BUDGET IMPACT:

FINANCIAL PLAN

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



CITY OF BERLIN, NH
2018 - 2023 CIP Project Description

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

PROJECT DESCRIPTION, RATIONALE & OPERATING BUDGET IMPACT

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

PRIORITY IN RELATION TO OTHER PROJECTS

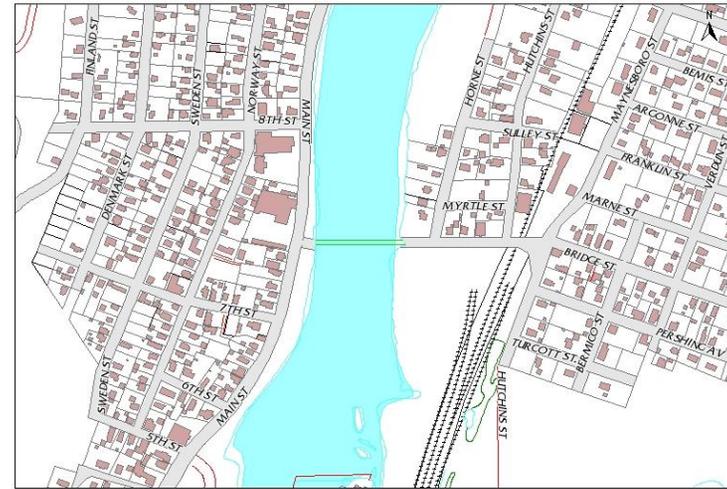
- HIGH
- MEDIUM
- LOW

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

OPERATING BUDGET IMPACT:

FINANCIAL PLAN

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



Riverside Drive

CITY OF BERLIN, NH
2018 - 2023 CIP Project Description

GENERAL PROJECT DATA: Project Name: <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	FY18	FY19	FY20	FY21	FY22	FY23
		1 2 3 4	1 2 3 4	1 2 3 4	1 2 3 4	1 2 3 4	1 2 3 4	1 2 3 4	1 2 3 4
		Mandate	Council Goal	Dept. Goal	x	x	x	x	x
		x	x	x	x	x	x	x	
		x	x	x	x	x	x	x	

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



CITY OF BERLIN, NH
2018 - 2023 CIP Project Description

GENERAL PROJECT DATA: Project Name: <u>Firefighter Protective Clothing</u> Department: Fire Department Division: Public Safety Location: 263 Main Street	MASTER PLAN INFORMATION: Project listed in MP?	PROJECT NEED	PROJECT SCHEDULE	FY18	FY19	FY20	FY21	FY22	FY23
				1 2 3 4	1 2 3 4	1 2 3 4	1 2 3 4	1 2 3 4	1 2 3 4
		Mandate							
		Council Goal							
		Dept. Goal						x	

PROJECT DESCRIPTION, RATIONALE & OPERATING BUDGET IMPACT

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

PRIORITY IN RELATION TO OTHER PROJECTS

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

HIGH

MEDIUM

LOW

OPERATING BUDGET IMPACT:

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



CITY OF BERLIN, NH
2018 - 2023 CIP Project Description

GENERAL PROJECT DATA: Project Name: <u>City Fire Alarm System Maintenance</u> Department: Fire Department Division: Public Safety Location: 263 Main Street	MASTER PLAN INFORMATION: Project listed in MP?	PROJECT NEED	PROJECT SCHEDULE	FY18				FY19				FY20				FY21				FY22				FY23				
		Mandate																										
		Council Goal																										
		Dept. Goal																										

PROJECT DESCRIPTION, RATIONALE & OPERATING BUDGET IMPACT

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

PRIORITY IN RELATION TO OTHER PROJECTS

HIGH

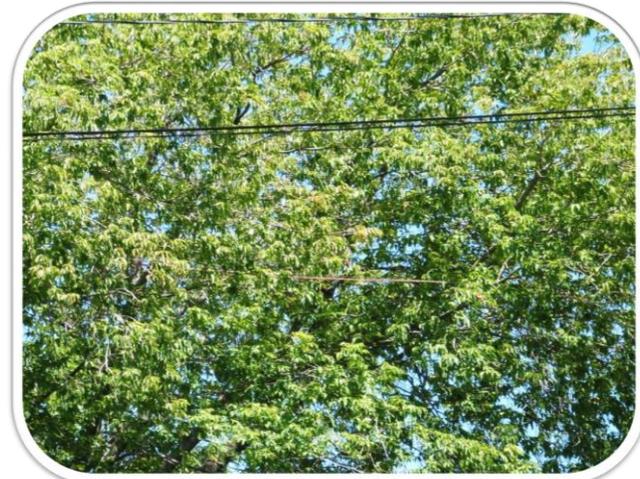
MEDIUM

LOW

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

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

FINANCIAL PLAN								
	PRIOR	FY18	FY19	FY20	FY21	FY22	FY23	TOTAL
EXPENDITURES:								
Pre-Design								
Design								
Purch/Const.			13,800.00	13,800.00	13,800.00			
Land/Acquisition								
TOTAL			13,800.00	13,800.00	13,800.00			41,400.00
FUNDING:								
Current Rev.			13,800.00	13,800.00	13,800.00			
Seg. Funds								
Borrow								
Federal								
State								
Other/User Fee								
TOTAL			13,800.00	13,800.00	13,800.00			41,400.00
OPERATING BUDGET IMPACT:								
Personnel								
Non-Personnel								
Capital								
TOTAL								



CITY OF BERLIN, NH
2018 - 2023 CIP Project Description

GENERAL PROJECT DATA: Project Name: <u>Apparatus Floor Repairs</u> Department: Fire Department Division: Public Safety Location: 263 Main Street	MASTER PLAN INFORMATION: Project listed in MP?	PROJECT NEED	PROJECT SCHEDULE	FY18	FY19	FY20	FY21	FY22	FY23														
		Mandate		1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4
		Council Goal																					
		Dept. Goal																					
				x					x														

PROJECT DESCRIPTION, RATIONALE & OPERATING BUDGET IMPACT

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

PRIORITY IN RELATION TO OTHER PROJECTS

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

HIGH

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

MEDIUM

LOW

OPERATING BUDGET IMPACT:

FINANCIAL PLAN

	PRIOR	FY18	FY19	FY20	FY21	FY22	FY23	TOTAL
EXPENDITURES:								
Pre-Design								
Design								
Purch/Const.		300,000.00						
Land/Acquisition								
TOTAL		300,000.00						300,000.00
FUNDING:								
Current Rev.		300,000.00						
Seg. Funds								
Borrow								
Federal								
State								
Other/User Fee								
TOTAL		300,000.00						300,000.00
OPERATING BUDGET IMPACT:								
Personnel								
Non-Personnel								
Capital								
TOTAL								



CITY OF BERLIN, NH
2018 - 2023 CIP Project Description

GENERAL PROJECT DATA: Project Name: <u>Fire Chiefs Vehicle Car One</u> Department: Fire Department Division: Public Safety Location: 263 Main Street	MASTER PLAN INFORMATION: Project listed in MP?	PROJECT NEED	PROJECT SCHEDULE	FY18	FY19	FY20	FY21	FY22	FY23										
				1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4
		Mandate																	
		Council Goal																	
		Dept. Goal						x											

PROJECT DESCRIPTION, RATIONALE & OPERATING BUDGET IMPACT

DESCRIPTION: This project seeks to continue the CIP rolling stock replacement program for staff command vehicles. This request will replace the 2006 Chevy Tahoe command vehicle. Car one is scheduled to be replaced in 2022.

PRIORITY IN RELATION TO OTHER PROJECTS

HIGH

MEDIUM

LOW

RATIONALE: The main use of this vehicle is responding to a number of different services in inclement weather conditions and adverse terrain conditions. Car One will have served its frontline life span at the time of replacement. As in the past, the replacement vehicle will be a four-wheel drive sport utility vehicle useful during wildfires and weather related emergency along with fires and large scale emergency management events. Cost includes emergency warning devices, radios, command console, lettering and related installation charges. The command vehicle provides vital communications and references resources necessary to effective incident command.

OPERATING BUDGET IMPACT:

FINANCIAL PLAN								
	PRIOR	FY18	FY19	FY20	FY21	FY22	FY23	TOTAL
EXPENDITURES:								
Pre-Design								
Design								
Purch/Const.		15,654.00	15,654.00	17,654.00	17,654.00			66,616.00
Land/Acquisition								
TOTAL								
FUNDING:								
Current Rev.		15,654.00	15,654.00	17,654.00	17,654.00			66,616.00
Seg. Funds								
Borrow								
Federal								
State								
Other/User Fee								
TOTAL								
OPERATING BUDGET IMPACT:								
Personnel								
Contingency								
Capital								
TOTAL								



CITY OF BERLIN, NH
2018 - 2023 CIP Project Description

GENERAL PROJECT DATA:		MASTER PLAN INFORMATION:		PROJECT NEED		PROJECT SCHEDULE		FY18		FY19		FY20		FY21		FY22		FY23	
Project Name: <u>Lease to Purchase Ladder One</u>		Project listed in MP?						1 2 3 4		1 2 3 4		1 2 3 4		1 2 3 4		1 2 3 4		1 2 3 4	
Department: Fire Department				Mandate															
Division: Public Safety				Council Goal															
Location: 263 Main Street				Dept. Goal								x							

PROJECT DESCRIPTION, RATIONALE & OPERATING BUDGET IMPACT

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

PRIORITY IN RELATION TO OTHER PROJECTS

HIGH

MEDIUM

LOW

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

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

Wheel wells on both sides Heavily corroded.

FINANCIAL PLAN								
	PRIOR	FY18	FY19	FY20	FY21	FY22	FY23	TOTAL
EXPENDITURES:								
Pre-Design								
Design								
Purch/ Lease		200,000.00	200,000.00	200,000.00	200,000.00	200,000.00		1,000,000.00
Land/Acquisition								
TOTAL		200,000.00	200,000.00	200,000.00	200,000.00	200,000.00		1,000,000.00
FUNDING:								
Current Rev.		200,000.00	200,000.00	200,000.00	200,000.00	200,000.00		1,000,000.00
Seg. Funds								
Borrow								
Federal								
State								
Other/User Fee								
TOTAL								
OPERATING BUDGET IMPACT:								
Personnel								
Non-Personnel								
Capital								
TOTAL								



CITY OF BERLIN, NH
2018 - 2023 CIP Project Description

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

PROJECT DESCRIPTION, RATIONALE & OPERATING BUDGET IMPACT

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

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

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

OPERATING BUDGET IMPACT: Twenty year replacement plan.

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

PRIORITY IN RELATION TO OTHER PROJECTS

HIGH

MEDIUM

LOW

FINANCIAL PLAN								
	PRIOR	FY18	FY19	FY20	FY21	FY22	FY23	TOTAL
EXPENDITURES:								
Pre-Design								
Design								
Purch/ Lease		93,000.00	93,000.00	93,000.00	93,000.00	99,000.00	99,000.00	
Land/Acquisition								
TOTAL		93,000.00	93,000.00	93,000.00	93,000.00	99,000.00	99,000.00	570,000.00
FUNDING:								
Current Rev.		93,000.00	93,000.00	93,000.00	93,000.00	99,000.00	99,000.00	
Seg. Funds								
Borrow								
Federal								
State								
Other/User Fee								
TOTAL		93,000.00	93,000.00	93,000.00	93,000.00	99,000.00	99,000.00	570,000.00
OPERATING BUDGET IMPACT:								
Personnel								
Non-Personnel		-	-					
Capital								
TOTAL								



CITY OF BERLIN, NH
2018 - 2023 CIP Project Description

GENERAL PROJECT DATA:		MASTER PLAN INFORMATION:		PROJECT	PROJECT	FY18			FY19			FY20			FY21			FY22			FY23				
Project Name: <u>Demo and Repair of Spare Apparatus Building</u>		Project listed in MP?		NEED	SCHEDULE	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4
Department: Fire Department				Mandate																					
Division: Public Safety				Council Goal																					
Location: 263 Main Street				Dept. Goal		x				x															

PROJECT DESCRIPTION, RATIONALE & OPERATING BUDGET IMPACT

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

PRIORITY IN RELATION TO OTHER PROJECTS

HIGH

MEDIUM

LOW

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

OPERATING BUDGET IMPACT:

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



CITY OF BERLIN, NH
2018 - 2023 CIP Project Description

GENERAL PROJECT DATA: Project Name: <u>Firefighter Protective Clothing Gear Extractor</u> Department: Fire Department Division: Public Safety Location: 263 Main Street		MASTER PLAN INFORMATION: Project listed in MP?		PROJECT NEED		PROJECT SCHEDULE		FY18		FY19		FY20		FY21		FY22		FY23					
								1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4
				Mandate																			
				Council Goal																			
				Dept. Goal						XX													

PROJECT DESCRIPTION, RATIONALE & OPERATING BUDGET IMPACT

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

PRIORITY IN RELATION TO OTHER PROJECTS

HIGH

MEDIUM

LOW

RATIONALE:

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

OPERATING BUDGET IMPACT:

FINANCIAL PLAN

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



CITY OF BERLIN, NH
2018 - 2023 CIP Project Description

GENERAL PROJECT DATA: Project Name: Rifles Department: Police Department Location:	MASTER PLAN INFORMATION: Project listed in MP? No.	PROJECT NEED	PROJECT SCHEDULE	FY18				FY19				FY20				FY21				FY22				FY23			
		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	FY18	FY19	FY20	FY21	FY22	FY23	TOTAL
EXPENDITURES:								
Pre-Design								
Design								
Purch/Const.								
TOTAL								
FUNDING:								
Current Rev.	\$14,700	\$14,700						29,400
Seg. Funds								
Borrow								
Federal								
State								
Other								
TOTAL	\$14,700	\$14,700						\$29,400
OPERATING BUDGET IMPACT:								
Personnel								
Non-Personnel								
Capital								
TOTAL								



CITY OF BERLIN, NH
2018 - 2023 CIP Project Description

GENERAL PROJECT DATA: Project Name: <u>Cruiser Laptop Computers</u> Department: Police Location:	MASTER PLAN INFORMATION: Project listed in MP? No.	PROJECT NEED	PROJECT SCHEDULE	FY18				FY19				FY20				FY21				FY22				FY23				
		Mandate																										
		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	FY18	FY19	FY20	FY21	FY22	FY23	TOTAL
EXPENDITURES:								
Pre-Design								
Design								
Purch/Const.								
TOTAL								
FUNDING:								
Current Rev.					\$17,071	\$17,072		\$34,143
Seg. Funds								
Borrow								
Federal								
State								
Other								
TOTAL					\$17,071	\$17,072		\$34,143
OPERATING BUDGET IMPACT:								
Personnel								
Non-Personnel								
Capital								
TOTAL								



CITY OF BERLIN, NH
2018 - 2023 CIP Project Description

GENERAL PROJECT DATA: Project Name: <u>Leather Gear</u> Department: Police Location:	MASTER PLAN INFORMATION: Project listed in MP? No.	PROJECT NEED	PROJECT SCHEDULE	FY18				FY19				FY20				FY21				FY22				FY23			
		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																								

PROJECT DESCRIPTION, RATIONALE & OPERATING BUDGET IMPACT

DESCRIPTION: Acquisition of leather gear. One-half was replaced last year; this is the cost for the remaining.

PRIORITY IN RELATION TO OTHER PROJECTS

HIGH

MEDIUM

LOW

RATIONALE:

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

OPERATING BUDGET IMPACT:

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



CITY OF BERLIN, NH
2018 - 2023 CIP Project Description

GENERAL PROJECT DATA: Project Name: <u>Ballistic Vests</u> Department: Police Location:	MASTER PLAN INFORMATION: Project listed in MP? No.	PROJECT NEED	PROJECT SCHEDULE	FY18				FY19				FY20				FY21				FY22				FY23			
				1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4
		Mandate																									
		Council Goal																									
		Dept. Goal	X					X								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	FY18	FY19	FY20	FY21	FY22	FY23	TOTAL
EXPENDITURES:								
Pre-Design								
Design								
Purch/Const.								
TOTAL								
FUNDING:								
Current Rev.		\$12,500		\$12,500				\$25,000
Seg. Funds								
Borrow								
Federal								
State								
Other								
TOTAL		\$12,500		\$12,500				\$25,000
OPERATING BUDGET IMPACT:								
Personnel								
Non-Personnel								
Capital								
TOTAL								



CITY OF BERLIN, NH
2018 - 2023 CIP Project Description

GENERAL PROJECT DATA: Project Name: <u>Utility Trailer Vehicle</u> Department: Police Location:	MASTER PLAN INFORMATION: Project listed in MP? No.	PROJECT NEED	PROJECT SCHEDULE	FY18				FY19				FY20				FY21				FY22				FY23			
		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: 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	FY18	FY19	FY20	FY21	FY22	FY23	TOTAL
EXPENDITURES:								
Pre-Design								
Design								
Purch/Const.								
TOTAL								
FUNDING:								
Current Rev.		17,000						17,000
Seg. Funds								
Borrow								
Federal								
State								
Other								
TOTAL		\$17,000						\$17,000
OPERATING BUDGET IMPACT:								
Personnel								
Non-Personnel								
Capital								
TOTAL								



CITY OF BERLIN, NH
2018 - 2023 CIP Project Description

GENERAL PROJECT DATA:		MASTER PLAN INFORMATION:		PROJECT NEED		PROJECT SCHEDULE				FY18				FY19				FY20				FY21				FY22				FY23			
Project Name: Public Works Garage Upgrade II		Project listed in MP?																															
Department: Public Works				Mandate																													
Location: 110 Wight St				Council Goal																													
				Dept. Goal		X				X				X				X															

PROJECT DESCRIPTION, RATIONALE & OPERATING BUDGET IMPACT

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

FINANCIAL PLAN

	PRIOR	FY18	FY19	FY20	FY21	FY22	FY23	TOTAL
EXPENDITURES:								
Pre-Design								
Design	5,000							5,000
Purch/Const.		120,000	120,000	120,000	120,000	120,000	120,000	720,000
TOTAL	\$5,000	\$120,000	\$120,000	\$120,000	\$120,000	\$120,000	\$120,000	\$725,000
FUNDING:								
Current Rev.		120,000	120,000	120,000	120,000	120,000	120,000	\$720,000
Seg. Funds	65,245							\$65,245
Borrow								
Federal								
State								
Other								
TOTAL	\$65,245	\$120,000	\$120,000	\$120,000	\$120,000	\$120,000	\$120,000	\$785,245
OPERATING BUDGET IMPACT:								
Personnel								
Non-Personnel			(35,000)	(35,000)	(35,000)	(35,000)	(35,000)	(175,000)
Capital								
TOTAL			(35,000)	(35,000)	(35,000)	(35,000)	(35,000)	(175,000)



CITY OF BERLIN, NH
2018 - 2023 CIP Project Description

GENERAL PROJECT DATA:		MASTER PLAN INFORMATION:		PROJECT NEED		PROJECT SCHEDULE				FY18				FY19				FY20				FY21				FY22				FY23			
Project Name: Drain Line Replacement		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: Engineering				Mandate																													
Location: Various				Council Goal		x				x				x				x				x				x							
				Dept. Goal		x																											

PROJECT DESCRIPTION, RATIONALE & OPERATING BUDGET IMPACT

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

PRIORITY IN RELATION TO OTHER PROJECTS

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

HIGH
MEDIUM
LOW

\$1,210,000

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

OPERATING BUDGET IMPACT:

FINANCIAL PLAN

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



CITY OF BERLIN, NH
2018 - 2023 CIP Project Description

GENERAL PROJECT DATA:		MASTER PLAN INFORMATION: Project listed in MP?	PROJECT NEED	PROJECT SCHEDULE	FY18			FY19			FY20			FY21			FY22			FY23				
Project Name:	<u>Loader Lease/Purchase</u>				1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4
Department:	Public Works		Mandate																					
Location:	10 Jericho Road		Council Goal																					
		Dept. Goal	x					x		x		x		x		x		x		x		x		

PROJECT DESCRIPTION, RATIONALE & OPERATING BUDGET IMPACT

DESCRIPTION: Lease/Purchase of loaders

PRIORITY IN RELATION TO OTHER PROJECTS

4 loaders Out Right Price	\$895,500						
Trade In 4 units	(\$232,000)						
	\$663,500	Municipal 10 year lease Annual Payment					\$82,000

HIGH
MEDIUM
LOW

RATIONALE:

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

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

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

OPERATING BUDGET IMPACT:

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

Equipment reliability will improve and should decrease operating disruptions.

FINANCIAL PLAN

	PRIOR	FY18	FY19	FY20	FY21	FY22	FY23	TOTAL
EXPENDITURES:								
Pre-Design								
Design								
Purch/Const.		\$82,000	\$82,000	\$82,000	\$82,000	\$82,000	\$82,000	492,000
TOTAL		\$82,000	\$82,000	\$82,000	\$82,000	\$82,000	\$82,000	\$492,000
FUNDING:								
Current Rev.								
Seg. Funds								
Borrow		\$82,000	\$82,000	\$82,000	\$82,000	\$82,000	\$82,000	492,000
Federal								
State								
Other								
TOTAL		\$82,000	\$82,000	\$82,000	\$82,000	\$82,000	\$82,000	\$492,000
OPERATING BUDGET IMPACT:								
Personnel		(\$4,000)	(\$4,000)	(\$4,000)	(\$4,000)	(\$4,000)	(\$4,000)	(24,000)
Non-Personnel		(2,800)	(2,800)	(2,800)	(2,800)	(2,800)	(2,800)	(16,800)
Capital								
TOTAL		(\$6,800)	(\$6,800)	(\$6,800)	(\$6,800)	(\$6,800)	(\$6,800)	(\$40,800)



CITY OF BERLIN, NH
2018 - 2023 CIP Project Description

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

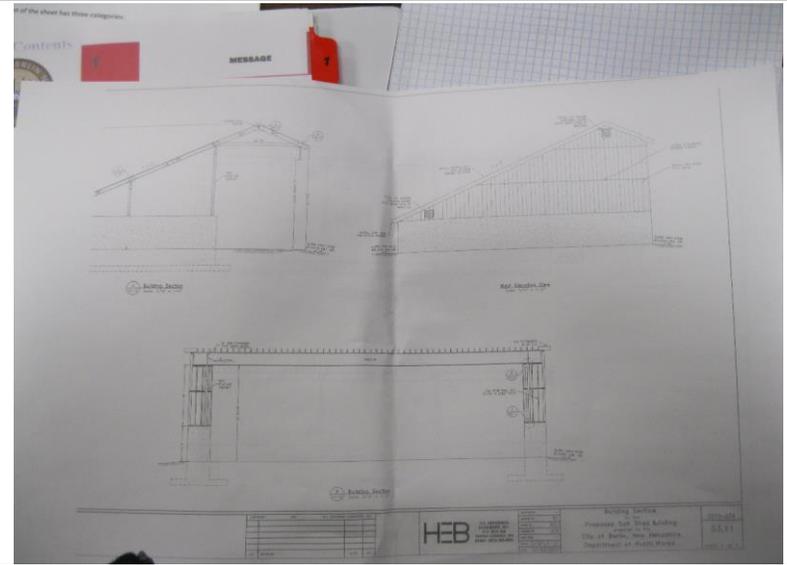
RATIONALE:
 New facility will increase current storage capacity and provide for sand/salt to be prepared during non-storm hours at regular time vs. overtime rates. Improves Operational efficiencies with decreasing personnel resources to move and mix materials. Reduces energy use

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

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

FINANCIAL PLAN

	PRIOR	FY18	FY19	FY20	FY21	FY22	FY23	TOTAL
EXPENDITURES:								
Pre-Design								
Design	5,000							5,000
Purch/Const.		104,000	104,000	104,000				312,000
TOTAL	\$5,000	\$104,000	\$104,000	\$104,000				\$317,000
FUNDING:								
Current Rev.		104,000	104,000	104,000				312,000
Seg. Funds								
Borrow								
Federal								
State								
Other								
TOTAL		\$104,000	\$104,000	\$104,000				\$312,000
OPERATING BUDGET IMPACT:								
Personnel								
Non-Personnel								
Capital								
TOTAL								



CITY OF BERLIN, NH
2018 - 2023 CIP Project Description

GENERAL PROJECT DATA:		MASTER PLAN INFORMATION: Project listed in MP?	PROJECT NEED	PROJECT SCHEDULE	FY18				FY19				FY20				FY21				FY22				FY23				
Project Name:	Dead River Channel/Moxie Alley		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																			
Location:			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	FY18	FY19	FY20	FY21	FY22	FY23	TOTAL
EXPENDITURES:								
Pre-Design						\$300,000		\$300,000
Design						600,000		600,000
Purch/Const.							3,000,000	3,000,000
TOTAL						\$900,000	\$3,000,000	\$3,900,000
FUNDING:								
Current Rev.								
Seg. Funds								
Borrow								
Federal								
State						195,000		195,000
Other						705,000	3,000,000	3,705,000
TOTAL						\$900,000	\$3,000,000	\$3,900,000
OPERATING BUDGET IMPACT:								
Personnel								
Non-Personnel								
Capital								
TOTAL								



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CITY OF BERLIN, NH
2018 - 2023 CIP Project Description

GENERAL PROJECT DATA:		MASTER PLAN INFORMATION: Project listed in MP?	PROJECT NEED	PROJECT SCHEDULE	FY18				FY19				FY20				FY21				FY22				FY23			
Project Name:	Equipment				1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4
Department:	Rec.&Parks		Mandate																									
Location:	Rec. Parks Building		Council Goal			X		X																				
		Dept. Goal	X		x		x																					

PROJECT DESCRIPTION, RATIONALE & OPERATING BUDGET IMPACT

DESCRIPTION:						PRIORITY IN RELATION TO OTHER PROJECTS			
Kubato Attachments	35,000	Purchase Pick-up Truck	35,000			HIGH	<input checked="" type="checkbox"/>		
-Side arm mower		Purchase travel van-programming	35,000			MEDIUM	<input type="checkbox"/>		
-brush hog & chipper						LOW	<input type="checkbox"/>		
Commercials Fine Mower(2)	50,000								
	85,000		70,000						
RATIONALE:									
Improve Efficiency on green space maintenance									
OPERATING BUDGET IMPACT:									

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



CITY OF BERLIN, NH
2018 - 2023 CIP Project Description

GENERAL PROJECT DATA:		MASTER PLAN INFORMATION: Project listed in MP?	PROJECT NEED	PROJECT SCHEDULE	FY18				FY19				FY20				FY21				FY22				FY23			
Project Name:	Building Repairs		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:				PRIORITY IN RELATION TO OTHER PROJECTS			
Upgrade Restrooms and Showers	\$ 50,000	Upgrade Lights	\$ 7,000				
Upgrade Court Facilities	\$ 15,000	Replace Windows	\$ 20,000			HIGH	<input checked="" type="checkbox"/>
-New Score Board	\$ 6,500	Upgrade Offices	\$ 25,000			MEDIUM	<input type="checkbox"/>
-Wall Padding	\$ 4,000	Repair Gym Floor	\$ 20,000			LOW	<input type="checkbox"/>
Purchase Bleachers	10,000						
	\$ 85,500		\$ 72,000		\$ 157,500		

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

OPERATING BUDGET IMPACT:

FINANCIAL PLAN								
	PRIOR	FY18	FY19	FY20	FY21	FY22	FY23	TOTAL
EXPENDITURES:								
Pre-Design								
Design								
Purch/Const.		\$25,000	\$25,000	\$25,000	\$30,000	25,000	27,500	157,500
TOTAL		\$25,000	\$25,000	\$25,000	\$30,000	\$25,000	\$27,500	\$157,500
FUNDING:								
Current Rev.	\$10,000	\$50,000	\$25,000	\$25,000	\$25,000	\$25,000	\$27,500	\$187,500
Seg. Funds	2,378							\$2,378
Borrow								
Federal								
State								
Other								
TOTAL	\$12,378	\$50,000	\$25,000	\$25,000	\$25,000	\$25,000	\$27,500	\$189,878
OPERATING BUDGET IMPACT:								
Personnel								
Non-Personnel								
Capital		\$50,000	\$25,000	\$25,000	\$30,000	25,000	27,500	182,500
TOTAL		\$50,000	\$25,000	\$25,000	\$30,000	\$25,000	\$27,500	\$182,500



CITY OF BERLIN, NH
2018 - 2023 CIP Project Description

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

PROJECT DESCRIPTION, RATIONALE & OPERATING BUDGET IMPACT

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

PRIORITY IN RELATION TO OTHER PROJECTS

HIGH

MEDIUM

LOW

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

OPERATING BUDGET IMPACT:

FINANCIAL PLAN

	PRIOR	FY18	FY19	FY20	FY21	FY22	FY23	TOTAL
EXPENDITURES:								
Pre-Design								
Design								
Purch/Const.			90,000		90,000		95,000	275,000
TOTAL			\$90,000		\$90,000		\$95,000	\$275,000
FUNDING:								
Current Rev.			\$90,000		\$90,000		\$95,000	\$275,000
Seg. Funds								
Borrow								
Federal								
State								
Other								
TOTAL			\$90,000		\$90,000		\$95,000	\$275,000
OPERATING BUDGET IMPACT:								
Personnel								
Non-Personnel								
Capital								
TOTAL								



CITY OF BERLIN, NH
2018 - 2023 CIP Project Description

GENERAL PROJECT DATA:		MASTER PLAN INFORMATION:		PROJECT NEED	PROJECT SCHEDULE	FY18	FY19	FY20	FY21	FY22	FY23
Project Name: Marston School Roof		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: Schools				Mandate							X
Location: Marston School building				Council Goal							
				Dept. Goal	X						

PROJECT DESCRIPTION, RATIONALE & OPERATING BUDGET IMPACT

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

PRIORITY IN RELATION TO OTHER PROJECTS

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

RATIONALE: Current roof reschingled pre-1999

OPERATING BUDGET IMPACT:

FINANCIAL PLAN

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



CITY OF BERLIN, NH
2018 - 2023 CIP Project Description

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

PROJECT DESCRIPTION, RATIONALE & OPERATING BUDGET IMPACT

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

PRIORITY IN RELATION TO OTHER PROJECTS

- HIGH
- MEDIUM
- LOW

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

OPERATING BUDGET IMPACT:

FINANCIAL PLAN

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



CITY OF BERLIN, NH
2018 - 2023 CIP Project Description

GENERAL PROJECT DATA: Project Name: <u>BHS Science Classrooms</u>		MASTER PLAN INFORMATION: Project listed in MP? no	PROJECT NEED	PROJECT SCHEDULE	FY18	FY19	FY20	FY21	FY22	FY23
Department: Schools Location: Berlin High School			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: Renovation 4 science classrooms with upgraded technology, safety units, work stations

PRIORITY IN RELATION TO OTHER PROJECTS

- HIGH
- MEDIUM
- LOW

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

OPERATING BUDGET IMPACT:

FINANCIAL PLAN

	PRIOR	FY18	FY19	FY20	FY21	FY22	FY23	TOTAL
EXPENDITURES:								
Pre-Design								
Design								
Purch/Const.						1,200,000		1,200,000
TOTAL						\$1,200,000		\$1,200,000
FUNDING:								
Current Rev.						\$1,200,000		\$1,200,000
Seg. Funds								
Borrow								
Federal								
State								
Other								
TOTAL						\$1,200,000		\$1,200,000
OPERATING BUDGET IMPACT:								
Personnel								
Non-Personnel								
Capital								
TOTAL								



CITY OF BERLIN, NH
2018 - 2023 CIP Project Description

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

PROJECT DESCRIPTION, RATIONALE & OPERATING BUDGET IMPACT

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

PRIORITY IN RELATION TO OTHER PROJECTS

- HIGH
- MEDIUM
- LOW

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

OPERATING BUDGET IMPACT:

FINANCIAL PLAN

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



CITY OF BERLIN, NH
2018 - 2023 CIP Project Description

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

PROJECT DESCRIPTION, RATIONALE & OPERATING BUDGET IMPACT

DESCRIPTION: BMS Chimney Lining

PRIORITY IN RELATION TO OTHER PROJECTS

- HIGH
MEDIUM
LOW

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

OPERATING BUDGET IMPACT:

FINANCIAL PLAN

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



CITY OF BERLIN, NH
2018 - 2023 CIP Project Description

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

PROJECT DESCRIPTION, RATIONALE & OPERATING BUDGET IMPACT

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

PRIORITY IN RELATION TO OTHER PROJECTS

HIGH

MEDIUM

LOW

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

OPERATING BUDGET IMPACT:

FINANCIAL PLAN

	PRIOR	FY18	FY19	FY20	FY21	FY22	FY23	TOTAL
EXPENDITURES:								
Pre-Design								
Design								
Purch/Const.		36,000						36,000
TOTAL		\$36,000						\$36,000
FUNDING:								
Current Rev.		\$36,000						\$36,000
Seg. Funds								
Borrow								
Federal								
State								
Other								
TOTAL		\$36,000						\$36,000
OPERATING BUDGET IMPACT:								
Personnel								
Non-Personnel								
Capital								
TOTAL								



CITY OF BERLIN, NH
2018 - 2023 CIP Project Description

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

PROJECT DESCRIPTION, RATIONALE & OPERATING BUDGET IMPACT

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

PRIORITY IN RELATION TO OTHER PROJECTS

- HIGH
- MEDIUM
- LOW

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

OPERATING BUDGET IMPACT:

FINANCIAL PLAN

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



CITY OF BERLIN, NH
2018 - 2023 CIP Project Description

GENERAL PROJECT DATA:		MASTER PLAN INFORMATION:	PROJECT NEED	PROJECT SCHEDULE	FY18	FY19	FY20	FY21	FY22	FY23
Project Name: Hillside, BMS, BHS Main Entrance and Secure		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: Schools			Mandate					X		
Location: Hillside/Central Office/BMS/BHS			Council Goal							
			Dept. Goal	X						

PROJECT DESCRIPTION, RATIONALE & OPERATING BUDGET IMPACT

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

PRIORITY IN RELATION TO OTHER PROJECTS

HIGH

MEDIUM

LOW

RATIONALE: School safety and security

OPERATING BUDGET IMPACT:

FINANCIAL PLAN

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



CITY OF BERLIN, NH
2018 - 2023 CIP Project Description

GENERAL PROJECT DATA: Project Name: BHS Lecture Hall		MASTER PLAN INFORMATION: Project listed in MP? no	PROJECT NEED	PROJECT SCHEDULE	FY18			FY19			FY20			FY21			FY22			FY23				
Department: Schools Location: BHS Lecture Hall			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																					

PROJECT DESCRIPTION, RATIONALE & OPERATING BUDGET IMPACT

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

PRIORITY IN RELATION TO OTHER PROJECTS

- HIGH
- MEDIUM
- LOW

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

OPERATING BUDGET IMPACT:

FINANCIAL PLAN

	PRIOR	FY18	FY19	FY20	FY21	FY22	FY23	TOTAL
EXPENDITURES:								
Pre-Design								
Design								
Purch/Const.						85,000		85,000
TOTAL						\$85,000		\$85,000
FUNDING:								
Current Rev.						\$85,000		\$85,000
Seg. Funds								
Borrow								
Federal								
State								
Other								
TOTAL						\$85,000		\$85,000
OPERATING BUDGET IMPACT:								
Personnel								
Non-Personnel								
Capital								
TOTAL								



CITY OF BERLIN, NH
2018 - 2023 CIP Project Description

GENERAL PROJECT DATA: Project Name: BMS Boiler		MASTER PLAN INFORMATION: Project listed in MP? no	PROJECT NEED	PROJECT SCHEDULE	FY18	FY19	FY20	FY21	FY22	FY23
Department: Schools	Location: BMS		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							

PROJECT DESCRIPTION, RATIONALE & OPERATING BUDGET IMPACT

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

PRIORITY IN RELATION TO OTHER PROJECTS

HIGH

MEDIUM

LOW

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

OPERATING BUDGET IMPACT:

FINANCIAL PLAN

	PRIOR	FY18	FY19	FY20	FY21	FY22	FY23	TOTAL
EXPENDITURES:								
Pre-Design								
Design								
Purch/Const.							160,000	160,000
TOTAL							\$160,000	\$160,000
FUNDING:								
Current Rev.							\$160,000	\$160,000
Seg. Funds								
Borrow								
Federal								
State								
Other								
TOTAL							\$160,000	\$160,000
OPERATING BUDGET IMPACT:								
Personnel								
Non-Personnel								
Capital								
TOTAL								



CITY OF BERLIN, NH
2018 - 2023 CIP Project Description

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

PROJECT DESCRIPTION, RATIONALE & OPERATING BUDGET IMPACT

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

PRIORITY IN RELATION TO OTHER PROJECTS

HIGH

MEDIUM

LOW

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

OPERATING BUDGET IMPACT:

FINANCIAL PLAN

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



CITY OF BERLIN, NH
2018 - 2023 CIP Project Description

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

PROJECT DESCRIPTION, RATIONALE & OPERATING BUDGET IMPACT

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

PRIORITY IN RELATION TO OTHER PROJECTS

- HIGH
MEDIUM
LOW

RATIONALE: Crumbling window sills and cement ribbing

OPERATING BUDGET IMPACT:

FINANCIAL PLAN

	PRIOR	FY18	FY19	FY20	FY21	FY22	FY23	TOTAL
EXPENDITURES:								
Pre-Design								
Design								
Purch/Const.		35,000	35,000					70,000
TOTAL		\$35,000	\$35,000					\$70,000
FUNDING:								
Current Rev.		\$35,000	\$35,000					\$70,000
Seg. Funds								
Borrow								
Federal								
State								
Other								
TOTAL		\$35,000	\$35,000					\$70,000
OPERATING BUDGET IMPACT:								
Personnel								
Non-Personnel								
Capital								
TOTAL								



CITY OF BERLIN, NH
2018 - 2023 CIP Project Description

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

PROJECT DESCRIPTION, RATIONALE & OPERATING BUDGET IMPACT

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

PRIORITY IN RELATION TO OTHER PROJECTS

HIGH

MEDIUM

LOW

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

OPERATING BUDGET IMPACT:

FINANCIAL PLAN

	PRIOR	FY18	FY19	FY20	FY21	FY22	FY23	TOTAL
EXPENDITURES:								
Pre-Design			\$85,000		\$85,000		\$85,000	\$255,000
Design								
Purch/Const.								
TOTAL			\$85,000		\$85,000		\$85,000	\$255,000
FUNDING:								
Current Rev.								
Seg. Funds								
Borrow								
Federal								
State								
Other			85,000		85,000		85,000	255,000
TOTAL			\$85,000		\$85,000		\$85,000	\$255,000
OPERATING BUDGET IMPACT:								
Personnel								
Non-Personnel								
Capital								
TOTAL								



CITY OF BERLIN, NH
2018 - 2023 CIP Project Description

GENERAL PROJECT DATA: Project Name: <u>Engine Four Replacement</u> Department: Fire Department Division: Public Safety Location: 263 Main Street	MASTER PLAN INFORMATION: Project listed in MP?	PROJECT	PROJECT	FY18			FY19			FY20			FY21			FY22			FY23				
		NEED	SCHEDULE	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4
		Mandate																					
		Council Goal																					
		Dept. Goal																					

PROJECT DESCRIPTION, RATIONALE & OPERATING BUDGET IMPACT

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

PRIORITY IN RELATION TO OTHER PROJECTS

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

HIGH

MEDIUM

LOW

OPERATING BUDGET IMPACT: Twenty year replacement plan.
 In 2026 Engine one will be at its useful life of 20 years as a frontline response apparatus and will need to be replaced at a cost of approximately 930,000.00.

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



CITY OF BERLIN, NH
2018 - 2023 CIP Project Description

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

PROJECT DESCRIPTION, RATIONALE & OPERATING BUDGET IMPACT

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

PRIORITY IN RELATION TO OTHER PROJECTS

HIGH

MEDIUM

LOW

RATIONALE: Internal communications system to increase safety

OPERATING BUDGET IMPACT:

FINANCIAL PLAN

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



CITY OF BERLIN, NH
2018 - 2023 CIP Project Description

GENERAL PROJECT DATA:		MASTER PLAN INFORMATION:		PROJECT NEED	PROJECT SCHEDULE	FY18				FY19				FY20				FY21				FY22				FY23			
Project Name: THIRD FLOOR RENOVATIONS		Project listed in MP? No.				1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4
Department: Police				Mandate																									
Location:				Council Goal																									
				Dept. Goal	X				X																				

PROJECT DESCRIPTION, RATIONALE & OPERATING BUDGET IMPACT

DESCRIPTION: Third Floor Renovations

PRIORITY IN RELATION TO OTHER PROJECTS

HIGH

MEDIUM

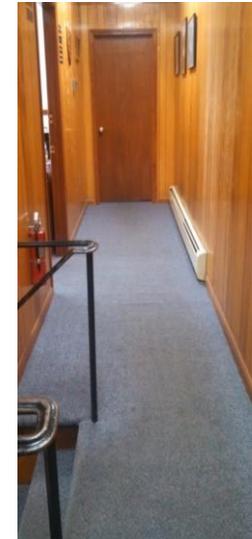
LOW

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

OPERATING BUDGET IMPACT:

FINANCIAL PLAN

	PRIOR	FY18	FY19	FY20	FY21	FY22	FY23	TOTAL
EXPENDITURES:								
Pre-Design								
Design								
Purch/Const.								
TOTAL								
FUNDING:								
Current Rev.		\$20,643						\$20,643
Seg. Funds								
Borrow								
Federal								
State								
Other								
TOTAL		\$20,643						\$20,643
OPERATING BUDGET IMPACT:								
Personnel								
Non-Personnel								
Capital								
TOTAL								



CITY OF BERLIN, NH
2016 - 2021 CIP Project Description

GENERAL PROJECT DATA: Project Name: <u>In-House Monitoring System</u> Department: Police Location:	MASTER PLAN INFORMATION: Project listed in MP? No.	PROJECT NEED	PROJECT SCHEDULE	FY18				FY19				FY20				FY21				FY22				FY23			
		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: In-House Monitoring System.

PRIORITY IN RELATION TO OTHER PROJECTS

- HIGH
- MEDIUM
- LOW

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

OPERATING BUDGET IMPACT:

FINANCIAL PLAN

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



CITY OF BERLIN, NH
2018 - 2023 CIP Project Description

GENERAL PROJECT DATA: Project Name: <u>Radars Units</u> Department: Police Location:	MASTER PLAN INFORMATION: Project listed in MP? No.	PROJECT NEED	PROJECT SCHEDULE	FY18				FY19				FY20				FY21				FY22				FY23			
		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: 5 Radar Units

PRIORITY IN RELATION TO OTHER PROJECTS

HIGH

MEDIUM

LOW

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

OPERATING BUDGET IMPACT:

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



CITY OF BERLIN, NH
2018 - 2023 CIP Project Description

GENERAL PROJECT DATA:		MASTER PLAN INFORMATION:		PROJECT	PROJECT	FY18				FY19				FY20				FY21				FY22				FY23							
Project Name: <u>Street Light Conversion to LED</u>		Project listed in MP? no		NEED	SCHEDULE	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4
Department: Planning/Public Works/City Manager				Mandate																													
Location: Throughout Berlin				Council Goal	X																												
				Dept. Goal	X																												

PROJECT DESCRIPTION, RATIONALE & OPERATING BUDGET IMPACT

DESCRIPTION:

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

PRIORITY IN RELATION TO OTHER PROJECTS

HIGH

MEDIUM

LOW

RATIONALE:

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

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

OPERATING BUDGET IMPACT:

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

FINANCIAL PLAN

	PRIOR	FY18	FY19	FY20	FY21	FY22	FY23	TOTAL
EXPENDITURES:								
Pre-Design								
Design								
Purch/Const.		300,000						300,000
TOTAL		300,000						300,000
FUNDING:								
Current Rev.		\$300,000						
Seg. Funds								
Borrow								
Federal								
State								
Other		100,000	(rebate after installation)					
TOTAL		\$300,000						\$300,000
OPERATING BUDGET IMPACT:								
Personnel								
Non-Personnel								
Capital		300,000						300,000
TOTAL		300,000						300,000



CITY OF BERLIN, NH
2018 - 2023 CIP Project Description

GENERAL PROJECT DATA:		MASTER PLAN INFORMATION:		PROJECT NEED		PROJECT SCHEDULE		FY18		FY19		FY20		FY21		FY22		FY23			
Project Name:	Moving Downtown Forward	Project listed in MP?	yes			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	FY18	FY19	FY20	FY21	FY22	FY23	TOTAL
EXPENDITURES:								
Pre-Design								
Design								
Purch/Const.		25,000	25,000					50,000
TOTAL		25,000						\$50,000
FUNDING:								
Current Rev.		\$25,000	\$25,000					\$50,000
Seg. Funds	55,000							55,000
Borrow								
Federal								
State								
Other								
TOTAL	\$55,000	\$25,000	\$25,000					\$105,000
OPERATING BUDGET IMPACT:								
Personnel								
Non-Personnel								
Capital	55,000	25,000	25,000					105,000
TOTAL	\$55,000	\$25,000	\$25,000					\$105,000



CITY OF BERLIN, NH
2018 - 2023 CIP Project Description

GENERAL PROJECT DATA: Project Name: <u>IT Initiative</u> Department: Planning Location:	MASTER PLAN INFORMATION: Project listed in MP?	PROJECT NEED	PROJECT SCHEDULE	FY18	FY19	FY20	FY21	FY22	FY23										
				1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4
		Mandate																	
		Council Goal																	
		Dept. Goal			X	X	X	X	X	X	X	X	X	X	X	X	X	X	X

PROJECT DESCRIPTION, RATIONALE & OPERATING BUDGET IMPACT

DESCRIPTION:

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

PRIORITY IN RELATION TO OTHER PROJECTS

HIGH

MEDIUM

LOW

RATIONALE:

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

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

OPERATING BUDGET IMPACT:

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

FINANCIAL PLAN

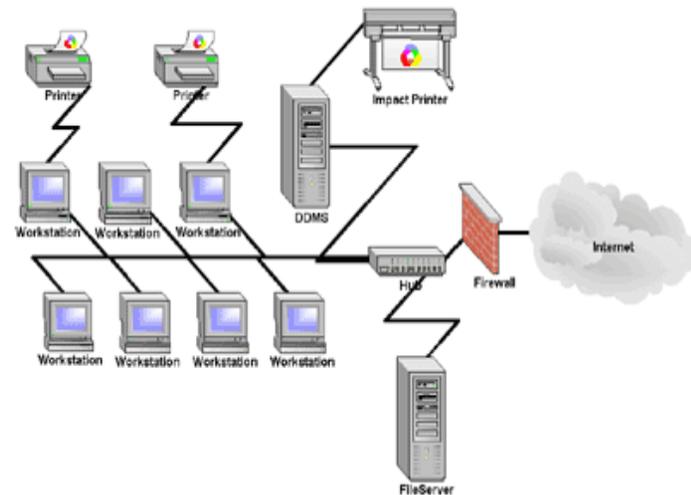
	PRIOR	FY18	FY19	FY20	FY21	FY22	FY23	TOTAL
EXPENDITURES:								
Pre-Design		\$70,000	\$70,000	\$40,000	\$10,000	\$15,000	\$10,000	\$215,000
Design								
Purch/Const.								
TOTAL		\$70,000	\$70,000	\$40,000	\$10,000	\$15,000	\$10,000	\$215,000

FUNDING:

Current Rev.		\$70,000	\$70,000	\$40,000	\$10,000	\$15,000	\$10,000	\$215,000
Seg. Funds								
Borrow								
Federal								
State								
Other								
TOTAL		\$70,000	\$70,000	\$40,000	\$10,000	\$15,000	\$10,000	\$215,000

OPERATING BUDGET IMPACT:

Personnel								
Non-Personnel								
Capital								
TOTAL								



CITY OF BERLIN, NH
2018 - 2023 CIP Project Description

GENERAL PROJECT DATA:		MASTER PLAN INFORMATION: Project listed in MP? no	PROJECT NEED	PROJECT SCHEDULE	FY18				FY19				FY20				FY21				FY22				FY23			
Project Name: Tennis Courts Re-construction			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: Recreation & Parks		Council Goal																										
Location: Horne Field & Glen Avenue Tennis Courts		Dept. Goal	X																									

PROJECT DESCRIPTION, RATIONALE & OPERATING BUDGET IMPACT

DESCRIPTION: Re-Constructing four tennis courts.

PRIORITY IN RELATION TO OTHER PROJECTS

- HIGH
- MEDIUM
- LOW

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

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

FINANCIAL PLAN

	PRIOR	FY18	FY19	FY20	FY21	FY22	FY23	TOTAL
EXPENDITURES:								
Pre-Design								
Design								
Purch/Const.		110,000	110,000					220,000
TOTAL		\$110,000	\$110,000	\$0	\$0	\$0	\$0	\$220,000
FUNDING:								
Current Rev.								
Seg. Funds								
Borrow								
Federal								
State								
Other								
TOTAL								
OPERATING BUDGET IMPACT:								
Personnel								
Non-Personnel								
Capital								
TOTAL								



CITY OF BERLIN, NH
2018 - 2023 CIP Project Description

GENERAL PROJECT DATA: Project Name: Skate Park		MASTER PLAN INFORMATION: Project listed in MP? no	PROJECT NEED	PROJECT SCHEDULE	FY18	FY19	FY20	FY21	FY22	FY23
Department: Park & Rec. Maint Location: Central Park			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	x					
			Dept. Goal	x	x					

PROJECT DESCRIPTION, RATIONALE & OPERATING BUDGET IMPACT

DESCRIPTION: Construct New Skate Park

PRIORITY IN RELATION TO OTHER PROJECTS

HIGH

MEDIUM

LOW

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

OPERATING BUDGET IMPACT:

The new concrete skate wil require annual and regular maintenance activities

FINANCIAL PLAN

	PRIOR	FY18	FY19	FY20	FY21	FY22	FY23	TOTAL
EXPENDITURES:								
Pre-Design								
Design		5,000						
Purch/Const.								
TOTAL								
FUNDING:								
Current Rev.								
Seg. Funds	50,000							50,000
Borrow								
Federal								
State								
Other	25,000	75,000						100,000
TOTAL	\$75,000	\$75,000						\$150,000
OPERATING BUDGET IMPACT:								
Personnel								
Non-Personnel								
Capital								
TOTAL								



CITY OF BERLIN, NH
2018 - 2023 CIP Project Description

GENERAL PROJECT DATA:		MASTER PLAN INFORMATION:		PROJECT NEED		PROJECT SCHEDULE		FY18		FY19		FY20		FY21		FY22		FY23	
Project Name: LIBRARY BUILDING MAINTENANCE		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: Library				Mandate															
Location: 270 Main Street				Council Goal															
				Dept. Goal															

PROJECT DESCRIPTION, RATIONALE & OPERATING BUDGET IMPACT

DESCRIPTION:

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

PRIORITY IN RELATION TO OTHER PROJECTS

HIGH
MEDIUM

RATIONALE:

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

OPERATING BUDGET IMPACT:

FINANCIAL PLAN

	PRIOR	FY18	FY19	FY20	FY21	FY22	FY23	TOTAL
EXPENDITURES:								
Pre-Design								
Design		20,000						20,000
Purch/Const.		30,000	30,000	70,000	70,000			200,000
TOTAL		\$50,000	\$30,000	\$70,000	\$70,000			\$220,000
FUNDING:								
Current Rev.		\$50,000	\$30,000	\$70,000	\$70,000			\$220,000
Seg. Funds								
Borrow								
Federal								
State								
Other								
TOTAL		\$50,000	\$30,000	\$70,000	\$70,000			\$220,000
OPERATING BUDGET IMPACT:								
Personnel								
Non-Personnel								
Capital								
TOTAL								



CITY OF BERLIN, NH
2018 - 2023 CIP Project Description

GENERAL PROJECT DATA:		MASTER PLAN INFORMATION:		PROJECT NEED		PROJECT SCHEDULE		FY18		FY19		FY20		FY21		FY22		FY23					
Project Name: <u>Health department additional space</u>		Project listed in MP?		no				1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4
Department: Health				Mandate																			
Location: City Hall Basement				Council Goal																			
				Dept. Goal		x FY 2017		x															

PROJECT DESCRIPTION, RATIONALE & OPERATING BUDGET IMPACT

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

PRIORITY IN RELATION TO OTHER PROJECTS

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

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

OPERATING BUDGET IMPACT:

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

FINANCIAL PLAN

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



CITY OF BERLIN, NH
2018 - 2023 CIP Project Description

GENERAL PROJECT DATA:		MASTER PLAN INFORMATION: Project listed in MP? no	PROJECT NEED	PROJECT SCHEDULE	FY18				FY19				FY20				FY21				FY22				FY23			
Project Name:	<u>Electronic Health Record</u>		Mandate		1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4
Department:	Health		Council Goal																									
Location:	City Hall		Dept. Goal	x	x																							

PROJECT DESCRIPTION, RATIONALE & OPERATING BUDGET IMPACT

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

PRIORITY IN RELATION TO OTHER PROJECTS

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

RATIONALE: The federal government, clearing houses for billing, physicians offices and other specialties are using electronic health records and as technology advances it has become harder for our department to stay abreast of the free software and other items offered by Medicare because we do not have an electronic system. This has required us to spend countless hours developing new ways for us to compile, track and convert information. The system would also allow nurses to work on tablets in the field and send information back to the office electronically over VPN. This will also allow better utilization of the nurses time which will likely increase revenue. It would also allow us to contract for externally for coding, billing, and other functions if the City decides it is cost effective.

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

FINANCIAL PLAN

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

Figures on Electronic health record by HealthIT.gov

Web Based
upfront cost
\$28,000

yearly cost
\$8,000

Tablets
\$5,600



CITY OF BERLIN, NH
2018 - 2023 CIP Project Description

GENERAL PROJECT DATA:		MASTER PLAN INFORMATION: Project listed in MP?	PROJECT NEED	PROJECT SCHEDULE	FY18				FY19				FY20				FY21				FY22				FY23				
Project Name: Rte. 110 Sewer Extension			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																										
Location:			Dept. Goal	x		x																							

PROJECT DESCRIPTION, RATIONALE & OPERATING BUDGET IMPACT

DESCRIPTION: Extend Sewer Service over 2 miles

PRIORITY IN RELATION TO OTHER PROJECTS

HIGH

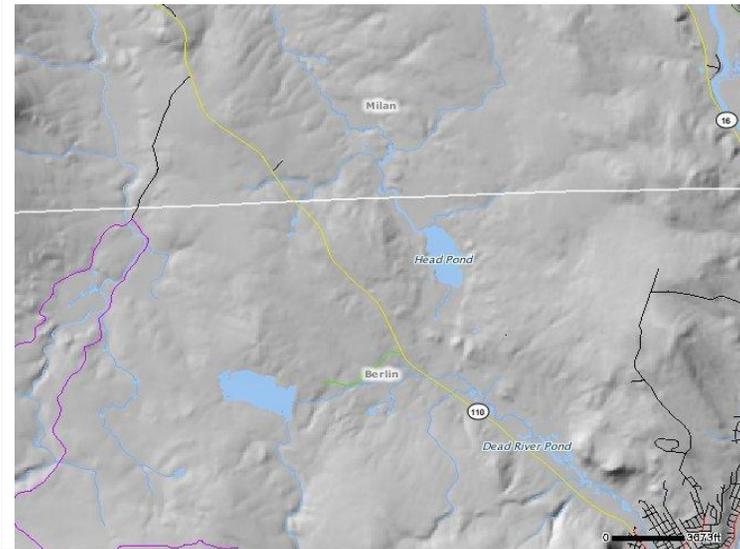
MEDIUM

LOW

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

OPERATING BUDGET IMPACT:

FINANCIAL PLAN								
	PRIOR	FY18	FY19	FY20	FY21	FY22	FY23	TOTAL
EXPENDITURES:								
Pre-Design								
Design							200,000	200,000
Purch/Const.							2,500,000	2,500,000
TOTAL							\$2,700,000	\$2,700,000
FUNDING:								
Current Rev.	\$20,000						\$2,700,000	\$2,720,000
Seg. Funds								
Borrow								
Federal								
State								
Other								
TOTAL	\$20,000						\$2,700,000	\$2,720,000
OPERATING BUDGET IMPACT:								
Personnel								
Non-Personnel								
Capital								
TOTAL								



CITY OF BERLIN, NH
2018 - 2023 CIP Project Description

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

PROJECT DESCRIPTION, RATIONALE & OPERATING BUDGET IMPACT

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

PRIORITY IN RELATION TO OTHER PROJECTS

- HIGH
MEDIUM
LOW

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

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

FINANCIAL PLAN

	PRIOR	FY18	FY19	FY20	FY21	FY22	FY23	TOTAL
EXPENDITURES:								
Pre-Design		\$12,000						\$12,000
Design		75,000	75,000	75,000	75,000	75,000	75,000	450,000
Purch/Const.		425,000	425,000	425,000	425,000	425,000	425,000	2,550,000
TOTAL		\$512,000	\$500,000	\$500,000	\$500,000	\$500,000	\$500,000	\$3,012,000
FUNDING:								
Current Rev.								
Seg. Funds								
Borrow								
Federal								
State								
Other								
TOTAL								
OPERATING BUDGET IMPACT:								
Personnel		(\$69,030)	(\$69,030)	(\$69,030)	(\$69,030)	(\$69,030)	(\$69,030)	(\$414,180)
Non-Personnel		(33,872)	(33,872)	(33,872)	(33,872)	(33,872)	(33,872)	(203,232)
Capital		(3,380)	(3,380)	(3,380)	(3,380)	(3,380)	(3,380)	(20,280)
TOTAL		(\$106,282)	(\$106,282)	(\$106,282)	(\$106,282)	(\$106,282)	(\$106,282)	(\$637,692)



CITY OF BERLIN, NH
2018 - 2023 CIP Project Description

GENERAL PROJECT DATA: Project Name: <u>New Work Stations</u> Department: Location:	MASTER PLAN INFORMATION: Project listed in MP? no	PROJECT NEED	PROJECT SCHEDULE	FY18				FY19				FY20				FY21				FY22				FY23				
				1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	
		Mandate																										
		Council Goal																										
		Dept. Goal																										

PROJECT DESCRIPTION, RATIONALE & OPERATING BUDGET IMPACT

DESCRIPTION:

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

PRIORITY IN RELATION TO OTHER PROJECTS

HIGH

MEDIUM

LOW

RATIONALE:

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

OPERATING BUDGET IMPACT:

FINANCIAL PLAN

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



CITY OF BERLIN, NH
2018 - 2023 CIP Project Description

GENERAL PROJECT DATA: Project Name: <u>CITY HALL ELEVATOR</u> Department: Location: CITY HALL	MASTER PLAN INFORMATION: Project listed in MP? NO	PROJECT NEED	PROJECT SCHEDULE	FY18	FY19	FY20	FY21	FY22	FY23
				1 2 3 4	1 2 3 4	1 2 3 4	1 2 3 4	1 2 3 4	1 2 3 4
		Mandate							
		Council Goal							
		Dept. Goal							

PROJECT DESCRIPTION, RATIONALE & OPERATING BUDGET IMPACT

DESCRIPTION: 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	FY18	FY19	FY20	FY21	FY22	FY23	TOTAL
EXPENDITURES:								
Pre-Design		\$15,000	\$15,000	\$15,000	\$15,000	\$15,000	\$15,000	\$90,000
Design								
Purch/Const.								
TOTAL		\$15,000	\$15,000	\$15,000	\$15,000	\$15,000	\$15,000	\$90,000
FUNDING:								
Current Rev.		\$15,000	\$15,000	\$15,000	\$15,000	\$15,000	\$15,000	\$90,000
Seg. Funds								
Borrow								
Federal								
State								
Other								
TOTAL		\$15,000	\$15,000	\$15,000	\$15,000	\$15,000	\$15,000	\$90,000
OPERATING BUDGET IMPACT:								
Personnel								
Non-Personnel								
Capital								
TOTAL								



CITY OF BERLIN, NH
2018 - 2023 CIP Project Description

GENERAL PROJECT DATA: Project Name: <u>Repair Program</u> Department: Fire Department Division: Public Safety Location: 263 Main Street	MASTER PLAN INFORMATION: Project listed in MP?	PROJECT NEED	PROJECT SCHEDULE	FY18	FY19	FY20	FY21	FY22	FY23														
		Mandate		1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4
		Council Goal																					
		Dept. Goal		x				x															

PROJECT DESCRIPTION, RATIONALE & OPERATING BUDGET IMPACT

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

PRIORITY IN RELATION TO OTHER PROJECTS

HIGH

MEDIUM

LOW

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

OPERATING BUDGET IMPACT:

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

FINANCIAL PLAN								
	PRIOR	FY18	FY19	FY20	FY21	FY22	FY23	TOTAL
EXPENDITURES:								
Pre-Design								
Design								
Purch/Const.		28,000.00						28,000.00
Land/Acquisition								
TOTAL								
FUNDING:								
Current Rev.		28,000.00						28,000.00
Seg. Funds								
Borrow								
Federal								
State								
Other/User Fee								
TOTAL		28,000.00						28,000.00
OPERATING BUDGET IMPACT:								
Personnel								
Non-Personnel								
Capital								
TOTAL								



CITY OF BERLIN, NH

2018 - 2023 CIP Project Description

GENERAL PROJECT DATA:		MASTER PLAN INFORMATION: Project listed in MP? NO	PROJECT NEED	PROJECT SCHEDULE	FY18			FY19			FY20			FY21			FY22			FY23					
Project Name:	Cost Replacement		Mandate			1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4
Department:	Waste Water Treatment		Council Goal																						
Location:	Main Plant		Dept. Goal																						

PROJECT DESCRIPTION, RATIONALE & OPERATING BUDGET IMPACT

DESCRIPTION

Spare 8" AUMA Pinch Valve (Actuator) for RAS Control	\$13,500
Utility Body for F350 Pick Up Truck	\$8,000
Fenceline Upgrade and Replacements for around Perimeter	\$44,000

PRIORITY IN RELATION TO OTHER PROJECTS

HIGH

MEDIUM

LOW

RATIONALE

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

OPERATING BUDGET IMPACT

FINANCIAL PLAN

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

(MAP OR PLAN OF PROJECT OR BOTH)

CITY OF BERLIN, NH 2018 - 2023 CIP Project Description

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

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

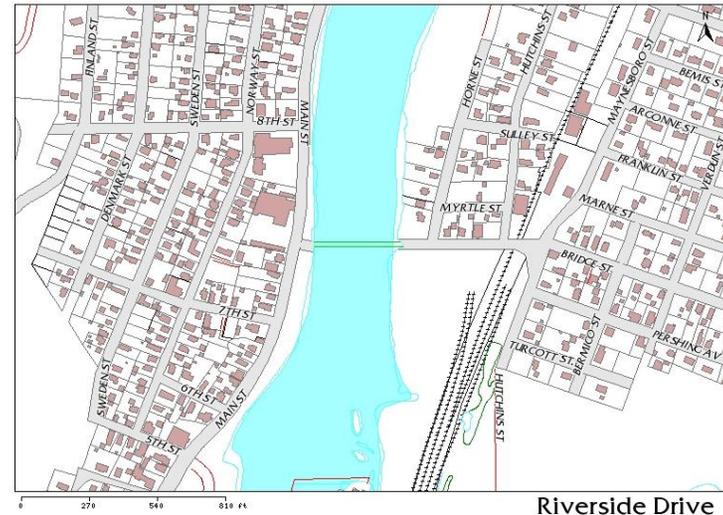
RATIONALE:

Update mapping in comprehensive GIS

OPERATING BUDGET IMPACT

NANCIAL PLAN

	Prior	FY18	FY19	FY20	FY21	FY22	FY23	TOTAL
EXPENDITURES:								
Design								
Management								
Equipment								
Construction								
TOTAL		\$10,000	\$10,000	\$10,000	\$5,000	\$5,000	\$5,000	\$45,000
FUNDING:								
Current Rev.								
Seg. Funds	7,320							7,320
Borrow								
Federal								
State								
Other								
TOTAL	\$7,320							\$7,320
OPERATING BUDGET IMPACT:								
Personnel								
Non-Personnel								
Capital								
TOTAL								



Riverside Drive

CITY OF BERLIN, NH
2018 - 2023 CIP Project Description

GENERAL PROJECT DATA: Project Name: <u>Sanitary Line Replacement</u> Department: Waste Water Treatment Location: Various		MASTER PLAN INFORMATION: Project listed in MP? NO		PROJECT NEED		FY18				FY19				FY20				FY21				FY22				FY23			
				SCHEDULE		1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4
				Mandate																									
				Council Goal																									
Dept. Goal				x		x		x		x		x		x		x		x		x		x		x					

PROJECT DESCRIPTION, RATIONALE & OPERATING BUDGET IMPACT

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

PRIORITY IN RELATION TO OTHER PROJECTS

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

HIGH
 MEDIUM
 LOW

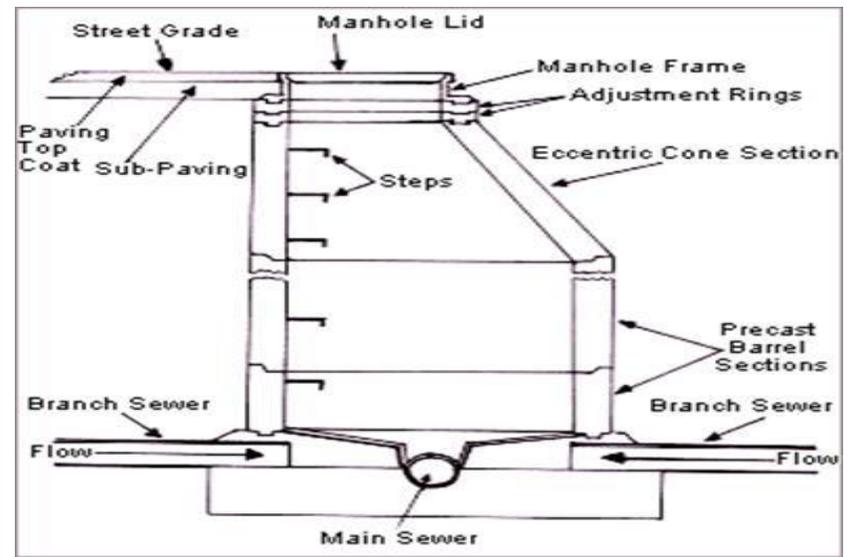
RATIONALE:
OPERATING BUDGET IMPACT

FINANCIAL PLAN

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

FUNDING:								
Current Rev.		\$120,000	\$120,000	\$120,000	\$120,000	\$120,000	\$120,000	\$720,000
Seg. Funds	22,049							22,049
Borrow								
Federal								
State								
Other								
TOTAL	\$22,049	\$120,000	\$120,000	\$120,000	\$120,000	\$120,000	\$120,000	\$742,049

OPERATING BUDGET IMPACT:								
Personnel								
Non-Personnel								
Capital								
TOTAL								



CITY OF BERLIN, NH

2018 - 2023 CIP Project Description

GENERAL PROJECT DATA:		MASTER PLAN INFORMATION:		PROJECT NEED		PROJECT SCHEDULE		FY18		FY19		FY20		FY21		FY22		FY23	
Project Name: <u>Modernize Dead River (Bass Shoe) Pump Station</u>		Project listed in MP? NO						1	2	3	4	1	2	3	4	1	2	3	4
Department: Waste Water Treatment				Mandate															
Location: Jericho Road				Council Goal															
				Dept. Goal		x		x	x			x	x	x					

PROJECT DESCRIPTION, RATIONALE & OPERATING BUDGET IMPACT

DESCRIPTION

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

RATIONALE:

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

PRIORITY IN RELATION TO OTHER PROJECTS

- HIGH
- MEDIUM
- LOW

OPERATING BUDGET IMPACT

Medium Impact unless Cash Flow is a problem.

FINANCIAL PLAN

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



CITY OF BERLIN, NH

2018 - 2023 CIP Project Description

GENERAL PROJECT DATA:		MASTER PLAN INFORMATION:		PROJECT NEED	PROJECT SCHEDULE	FY18	FY19	FY20	FY21	FY22	FY23
Project Name:	Modernize Devens Street Pump Station	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:	NE Corner Devens St and Shelby St			Council Goal							
				Dept. Goal	x	x x			x x x		

PROJECT DESCRIPTION, RATIONALE & OPERATING BUDGET IMPACT

DESCRIPTION

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

RATIONALE

Modernize 35 year old Pump Station to new Design Standards, converting DryWell system to Wetwell type, with new PLC-based Controls.

OPERATING BUDGET IMPACT

Medium Impact unless Cash Flow is a problem.

PRIORITY IN RELATION TO OTHER PROJECTS

HIGH

MEDIUM

LOW

FINANCIAL PLAN

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



CITY OF BERLIN, NH

2018 - 2023 CIP Project Description

GENERAL PROJECT DATA: Project Name: <u>Rebuild Raw Sewage Pump Impeller</u> Department: Waste Water Treatment Location: Watson Street Pump Station Pump Room Basement		MASTER PLAN INFORMATION: Project listed in MP? <p style="text-align: center;">NO</p>	<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <th rowspan="2">PROJECT NEED</th> <th rowspan="2">PROJECT SCHEDULE</th> <th colspan="4">FY18</th> <th colspan="4">FY19</th> <th colspan="4">FY20</th> <th colspan="4">FY21</th> <th colspan="4">FY22</th> <th colspan="4">FY23</th> </tr> <tr> <th>1</th><th>2</th><th>3</th><th>4</th> <th>1</th><th>2</th><th>3</th><th>4</th> <th>1</th><th>2</th><th>3</th><th>4</th> <th>1</th><th>2</th><th>3</th><th>4</th> <th>1</th><th>2</th><th>3</th><th>4</th> <th>1</th><th>2</th><th>3</th><th>4</th> </tr> <tr> <td>Mandate</td> <td></td> <td></td><td></td><td></td><td></td> <td></td><td></td><td></td><td></td> <td></td><td></td><td></td><td></td> <td></td><td></td><td></td><td></td> <td></td><td></td><td></td><td></td> <td></td><td></td><td></td><td></td> </tr> <tr> <td>Council Goal</td> <td></td> <td></td><td></td><td></td><td></td> <td></td><td></td><td></td><td></td> <td></td><td></td><td></td><td></td> <td></td><td></td><td></td><td></td> <td></td><td></td><td></td><td></td> <td></td><td></td><td></td><td></td> </tr> <tr> <td>Dept. Goal</td> <td></td> <td style="text-align: center;">x</td> <td></td><td></td><td></td> <td style="text-align: center;">x</td><td style="text-align: center;">x</td><td style="text-align: center;">x</td><td style="text-align: center;">x</td> <td></td><td></td><td></td><td></td> <td></td><td></td><td></td><td></td> <td></td><td></td><td></td><td></td> <td></td><td></td><td></td><td></td> </tr> </table>	PROJECT NEED	PROJECT SCHEDULE	FY18				FY19				FY20				FY21				FY22				FY23				1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	Mandate																										Council Goal																										Dept. Goal		x				x	x	x	x																
PROJECT NEED	PROJECT SCHEDULE	FY18				FY19				FY20				FY21				FY22				FY23																																																																																																													
		1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4																																																																																																										
Mandate																																																																																																																																			
Council Goal																																																																																																																																			
Dept. Goal		x				x	x	x	x																																																																																																																										

PROJECT DESCRIPTION, RATIONALE & OPERATING BUDGET IMPACT

DESCRIPTION:

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

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-stop cycles. Heavy flux loading is energy intensive and the mechanical coupling is put under strain at each start; also, some Process Controls are paced by this Flow and do not work when Flow stops and then are erratic when regaining control of the Process.

OPERATING BUDGET IMPACT:

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

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



CITY OF BERLIN, NH
2018 - 2023 CIP Project Description

GENERAL PROJECT DATA: Project Name: <u>Replace Boiler Administration Building</u>		MASTER PLAN INFORMATION: Project listed in MP? No	PROJECT NEED	SCHEDULE	FY18	FY19	FY20	FY21	FY22	FY23
			Mandate	x						
Department:	Pollution Control Facility		Council Goal							
Location:	Boiler Room		Dept. Goal	x	x	"	x	x		

PROJECT DESCRIPTION, RATIONALE & OPERATING BUDGET IMPACT

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

PRIORITY IN RELATION TO OTHER PROJECTS

HIGH

MEDIUM

LOW

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

OPERATING BUDGET IMPACT:

Reduced Fuel Usage and Energy Efficiency.

FINANCIAL PLAN

	Prior	FY18	FY19	FY20	FY21	FY22	FY23	Total
EXPENDITURES:								
Pre-Design								
Design	\$ 3,000							3,000
Purch/Const.				\$90,000				90,000
TOTAL	\$3,000			\$90,000				\$93,000
FUNDING:								
Current Rev.	\$ 3,143,782			(\$90,000)				\$3,053,782
Seg. Funds								
Borrow								
Federal								
State								
Other								
TOTAL	\$3,143,782			(\$90,000)				\$3,053,782
OPERATING BUDGET IMPACT:								
Personnel								\$0
Non-Personnel								0
Capital				\$90,000				90,000
TOTAL	\$0	\$0	\$0	\$90,000	\$0	\$0	\$0	\$90,000



(CT)

CITY OF BERLIN, NH

2018 - 2023 CIP Project Description

GENERAL PROJECT DATA:		MASTER PLAN INFORMATION:		PROJECT NEED		PROJECT SCHEDULE		FY18		FY19		FY20		FY21		FY22		FY23					
Project Name: <u>Replace Gravity Thickener Covers with 2 new Aluminum Domes</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: Gravity Thickeners						Council Goal																	
						Dept. Goal																	

PROJECT DESCRIPTION, RATIONALE & OPERATING BUDGET IMPACT

DESCRIPTION

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

PRIORITY IN RELATION TO OTHER PROJECTS

HIGH

MEDIUM

LOW

RATIONALE

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

OPERATING BUDGET IMPACT

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

FINANCIAL PLAN								
	Prior	FY18	FY19	FY20	FY21	FY22	FY23	TOTAL
EXPENDITURES								
Design	\$ 2,500							\$ 2,500
Management					\$ 1,000			\$ 1,000
Equipment					\$ 100,000			\$ 100,000
Construction					\$ 10,000			\$ 10,000
TOTAL	\$ 2,500				\$ 111,000			\$ 113,500
FUNDING								
Current Rev.	\$ 3,143,782				\$ (111,000)			\$ 3,032,782
Seg. Funds								\$ -
Borrow								\$ -
Federal								\$ -
State								\$ -
Other								\$ -
TOTAL	\$ 3,143,782				\$ (111,000)			\$ 3,032,782
OPERATING BUDGET IMPACT								
Personnel								\$ -
Non-Personnel								\$ -
Capital					\$ 111,000			\$ 111,000
								\$ -
TOTAL					\$ 111,000			\$ 111,000



CITY OF BERLIN, NH

2018 - 2023 CIP Project Description

GENERAL PROJECT DATA:		MASTER PLAN INFORMATION: Project listed in MP? NO	PROJECT NEED	PROJECT SCHEDULE	FY18	FY19	FY20	FY21	FY22	FY23
Project Name:	<u>Modernize Alarm system at Pump Stations</u>		Mandate		1 2 3 4	1 2 3 4	1 2 3 4	1 2 3 4	1 2 3 4	1 2 3 4
Department:	Waste Water Treatment	Council Goal								
Location:	Pump Station Control Panels	Dept. Goal		x	x	x	x			

PROJECT DESCRIPTION, RATIONALE & OPERATING BUDGET IMPACT

DESCRIPTION

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

RATIONALE

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

OPERATING BUDGET IMPACT

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

PRIORITY IN RELATION TO OTHER PROJECTS

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

FINANCIAL PLAN

	PRIOR	FY18	FY19	FY20	FY21	FY22	FY23	TOTAL
EXPENDITURES								
Design		\$ 3,000						\$ 3,000
Management			\$ 1,500					\$ 1,500
Equipment			\$ 30,000					\$ 30,000
Construction			\$ 10,000					\$ 10,000
TOTAL		\$ 3,000	\$ 41,500					\$ 44,500
FUNDING								
Current Revenue	\$ 3,143,782	\$ (3,000)	\$ (41,500)					\$ 3,099,282
Segregated Funds								
Borrow								
Federal								
State								
Other								
TOTAL	\$ 3,143,782	\$ (3,000)	\$ (41,500)					\$ 3,099,282
OPERATING BUDGET IMPACT								
Personnel								
Non-Personnel								
Capital			\$ 41,500					\$ 41,500
TOTAL			\$ 41,500					\$ 41,500



**CITY OF BERLIN, NH
2018 - 2023 CIP Project Description**

GENERAL PROJECT DATA:		MASTER PLAN INFORMATION:		PROJECT NEED	PROJECT SCHEDULE	FY18	FY19	FY20	FY21	FY22	FY23
Project Name:	Install (UPS) Uninterruptible Power Supply for RAS Box	Project listed in MP?				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	x x	x x				

PROJECT DESCRIPTION, RATIONALE & OPERATING BUDGET IMPACT

DESCRIPTION

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

PRIORITY IN RELATION TO OTHER PROJECTS

- HIGH
MEDIUM
LOW

RATIONALE

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

OPERATING BUDGET IMPACT

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

FINANCIAL PLAN

	PRIOR	FY18	FY19	FY20	FY21	FY22	FY23	TOTAL
EXPENDITURES								
Design	\$ 2,500							\$ 2,500
Management		\$ 1,500						\$ 1,500
Equipment		\$ 30,000						\$ 30,000
Construction		\$ 5,000						\$ 5,000
TOTAL	\$ 2,500	\$ 36,500						\$ 39,000
FUNDING								
Current Rev.	\$ 3,143,782	\$ (36,500)						\$ (39,000)
Seg. Funds								
Borrow								
Federal								
State								
Other								
TOTAL	\$ 3,143,782	\$ (36,500)						\$ 3,107,282
OPERATING BUDGET IMPACT								
Personnel								
Non-Personnel								
Capital		\$ 36,500						\$ 36,500
TOTAL		\$ 36,500						\$ 36,500



CITY OF BERLIN, NH

2018 - 2023 CIP Project Description

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

PROJECT DESCRIPTION, RATIONALE & OPERATING BUDGET IMPACT

DESCRIPTION

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

RATIONALE

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

PRIORITY IN RELATION TO OTHER PROJECTS

HIGH

MEDIUM

LOW

OPERATING BUDGET IMPACT

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

FINANCIAL PLAN

	PRIOR	FY18	FY19	FY20	FY21	FY22	FY23	TOTAL
EXPENDITURES								
Design	\$ 5,000							\$ 5,000
Management					\$ 5,000			\$ 5,000
Equipment					\$ 12,500			\$ 12,500
Construction					\$ 15,000			\$ 15,000
TOTAL	\$ 5,000				\$ 32,500			\$ 37,500
FUNDING								
Current Rev.	\$ 3,143,782							\$ 3,143,782
Seg. Funds								
Borrow								
Federal								
State								
Other								
TOTAL	\$ 3,143,782							\$ 3,143,782
OPERATING BUDGET IMPACT								
Personnel								
Non-Personnel								
Capital					\$ 32,500			\$ 32,500
TOTAL					\$ 32,500			\$ 32,500



CITY OF BERLIN, NH

2018 - 2023 CIP Project Description

GENERAL PROJECT DATA:		MASTER PLAN INFORMATION:		PROJECT NEED		PROJECT SCHEDULE				FY18		FY19				FY20				FY21				FY22				FY23			
Project Name: <u>Fill Drainage Ditch by Effluent Discharge over New Culvert & Bring to Grade</u>		Project listed in MP? NO		Mandate																											
Department: Waste Water Treatment				Council Goal																											
Location: Treatment Plant				Dept. Goal		x				x				x				x				x									

PROJECT DESCRIPTION, RATIONALE & OPERATING BUDGET IMPACT

DESCRIPTION

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

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

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



CITY OF BERLIN, NH

2018 - 2023 CIP Project Description

GENERAL PROJECT DATA:		MASTER PLAN INFORMATION: Project listed in MP? NO	PROJECT NEED	PROJECT SCHEDULE	FY18				FY19				FY20				FY21				FY22				FY23			
Project Name:	Replace Kubota Tractor with new Equipment and Attachments		Mandate		1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4
Department:	Waste Water Treatment		Council Goal																									
Location:	Grounds		Dept. Goal				x				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 and we realize we need more capacity to move snow away; also there are many new attachments we could use with the modern quick-disconnect fittings: eg, SnowBlower, Brush, Buckets, etc.

PRIORITY IN RELATION TO OTHER PROJECTS

- HIGH
- MEDIUM
- LOW

OPERATING BUDGET IMPACT

FINANCIAL PLAN

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



CITY OF BERLIN, NH

2018 - 2023 CIP Project Description

GENERAL PROJECT DATA:		MASTER PLAN I Project listed in M NO	PROJECT NEED	PROJECT SCHEDULE	FY18				FY19				FY20				FY21				FY22				FY23				
Project Name:	<u>Modernize Napert Village Pump Station</u>		Mandate			1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4
Department:	Waste Water Treatment		Council Goal																										
Location:	Main Plant		Dept. Goal		x	x	x							x	x	x													

PROJECT DESCRIPTION, RATIONALE & OPERATING BUDGET IMPACT

DESCRIPTION

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

PRIORITY IN RELATION TO OTHER PROJECTS

HIGH

RATIONALE

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

MEDIUM

LOW

OPERATING BUDGET IMPACT

Medium Impact unless Cash Flow is a problem.

FINANCIAL PLAN

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



OTH)

CITY OF BERLIN, NH
2018 - 2023 CIP Project Description

GENERAL PROJECT DATA: Project Name: <u>AV Fuel Storage System</u> <u>beacon line clearing</u> Department: Berlin Regional Airport Location: 800 East Side River Road, Milan	MASTER PLAN INFORMATION: Project listed in MP?	PROJECT NEED	PROJECT SCHEDULE	FY18				FY19				FY20				FY21				FY22				FY23			
				1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4
		Mandate						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 hangar Alley.
 Continue with Hazard Beacon Line clearing from last year.

PRIORITY IN RELATION TO OTHER PROJECTS

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

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

OPERATING BUDGET IMPACT:

FINANCIAL PLAN

	PRIOR	FY18	FY19	FY20	FY21	FY22	FY23	TOTAL
EXPENDITURES:								
Pre-Design								
Design								
Purch/Const.								
TOTAL								
FUNDING:								
Current Rev.			\$24,737					\$24,737
Seg. Funds								
Borrow								
Federal			\$395,792					395,792
State			24,737					24,737
Other								
TOTAL			\$445,266					\$445,266
OPERATING BUDGET IMPACT:								
Personnel								
Non-Personnel								
Capital								
TOTAL								



CITY OF BERLIN, NH
2018 - 2023 CIP Project Description

GENERAL PROJECT DATA: Project Name: Master Plan Update Department: Airport Location: 800 East Side River Road, Milan	MASTER PLAN INFORMATION: Project listed in MP?	PROJECT NEED	PROJECT SCHEDULE	FY18				FY19				FY20				FY21				FY22				FY23			
				1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4
		Mandate																									
		Council Goal																									
		Dept. Goal																									

PROJECT DESCRIPTION, RATIONALE & OPERATING BUDGET IMPACT

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

PRIORITY IN RELATION TO OTHER PROJECTS

- HIGH**
MEDIUM
LOW

RATIONALE:

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

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

OPERATING BUDGET IMPACT:

5% of total project cost

FINANCIAL PLAN

	PRIOR	FY18	FY19	FY20	FY21	FY22	FY23	TOTAL
EXPENDITURES:								
Pre-Design								
Design								
Purch/Const.								
TOTAL								
FUNDING:								
Current Rev.							\$5,000	\$5,000
Seg. Funds								
Borrow								
Federal							90,000	90,000
State							5,000	5,000
Other								
TOTAL							\$100,000	\$100,000
OPERATING BUDGET IMPACT:								
Personnel								
Non-Personnel								
Capital								
TOTAL								



CITY OF BERLIN, NH
2018 - 2023 CIP Project Description

GENERAL PROJECT DATA: Project Name: <u>Wildlife Hazard Assessment</u> Department: Berlin Regional Airport Location:	MASTER PLAN INFORMATION: Project listed in MP?	PROJECT NEED	PROJECT SCHEDULE	FY18				FY19				FY20				FY21				FY22				FY23			
				1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4
		Mandate	X									X															
		Council Goal																									
		Dept. Goal																									

PROJECT DESCRIPTION, RATIONALE & OPERATING BUDGET IMPACT

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

PRIORITY IN RELATION TO OTHER PROJECTS

HIGH

MEDIUM

LOW

RATIONALE:
(Cost/Benefit, Need and/or Service Standard)
As the Airport becomes busier the need for new hangars and increased ramp area will be necessary.

OPERATING BUDGET IMPACT:

FINANCIAL PLAN

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



CITY OF BERLIN, NH
2018 - 2023 CIP Project Description

GENERAL PROJECT DATA:		MASTER PLAN INFORMATION:		PROJECT NEED		PROJECT SCHEDULE		FY18		FY19		FY20		FY21		FY22		FY23					
Project Name: <u>Ramp Expansion & Hangar Alley Rehab.</u>		Project listed in MP?						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	FY18	FY19	FY20	FY21	FY22	FY23	TOTAL
EXPENDITURES:								
Pre-Design								
Design				250,000				
Purch/Const.					1,000,000			1,000,000
TOTAL				\$250,000	\$1,000,000			\$1,250,000
FUNDING:								
Current Rev.				\$12,500	\$50,000			\$62,500
Seg. Funds								
Borrow								
Federal				225,000	1,000,000			
State				12,500	50,000			62,500
Other								
TOTAL				\$250,000	\$1,100,000			\$1,350,000
OPERATING BUDGET IMPACT:								
Personnel								
Non-Personnel								
Capital								
TOTAL								



CITY OF BERLIN, NH
2018 - 2023 CIP Project Description

GENERAL PROJECT DATA:		MASTER PLAN INFORMATION: Project listed in MP?	PROJECT NEED	PROJECT SCHEDULE	FY18				FY19				FY20				FY21				FY22				FY23				
Project Name:	Hazard Beacon Line Clearing & Replacement of HVAC in Terminal Building		Mandate			1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4
Department:	Berlin Regional Airport		Council Goal																										
Location:	800 East Side River Road, Milan		Dept. Goal	X		X	X	X	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 2018. To clear all 6 hazard beacon lines will require a multi year project. The 2 worse lines will be done first.

PRIORITY IN RELATION TO OTHER PROJECTS

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

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

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

FINANCIAL PLAN

	PRIOR	FY18	FY19	FY20	FY21	FY22	FY23	TOTAL
EXPENDITURES:								
Pre-Design								
Design		50,000						50,000
Purch/Const.		150,000						150,000
TOTAL		\$200,000						\$200,000
FUNDING:								
Current Rev.		\$10,000						\$10,000
Seg. Funds								
Borrow								
Federal		\$180,000						180,000
State		10,000						10,000
Other								
TOTAL		\$200,000						\$200,000
OPERATING BUDGET IMPACT:								
Personnel								
Non-Personnel								
Capital								
TOTAL								



H)

CITY OF BERLIN, NH 2018 - 2023 CIP Project Description

GENERAL PROJECT DATA: Project Name: <u>Terminal Building Replacement</u> Department: Berlin Regional Airport Location:	MASTER PLAN INFORMATION: Project listed in MP?	PROJECT NEED	PROJECT SCHEDULE	FY18				FY19				FY20				FY21				FY22				FY23			
				1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4
		Mandate	X					X X								X											
		Council Goal																									
Dept. Goal																											

PROJECT DESCRIPTION, RATIONALE & OPERATING BUDGET IMPACT

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

PRIORITY IN RELATION TO OTHER PROJECTS

HIGH

MEDIUM

LOW

RATIONALE:

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

OPERATING BUDGET IMPACT:

FINANCIAL PLAN

	PRIOR	FY18	FY19	FY20	FY21	FY22	FY23	TOTAL
EXPENDITURES:								
Pre-Design			\$25,000					
Design			100,000					
Purch/Const.			400,000					
TOTAL			\$525,000					\$525,000
FUNDING:								
Current Rev.			\$25,000					\$25,000
Seg. Funds								
Borrow								
Federal			\$475,000					475,000
State			25,000					25,000
Other								
TOTAL			\$525,000					\$525,000
OPERATING BUDGET IMPACT:								
Personnel								
Non-Personnel								
Capital								
TOTAL								

