NEW BRITAIN, CONNECTICUT



CAPITAL IMPROVEMENT PROGRAM 2018 - 2019

THROUGH

2022 - 2023

March 8, 2018

PREFACE

Capital Improvement Program

Article XI

Mayor to Initiate the Capital Projects Budget Process. The Mayor shall initiate the development of a Capital Projects Budget in the same manner, subject to the same powers and in accordance with the same time-frame as the general fund budget as contained in Article X, in the City's Charter.

Annual Capital Projects Program Estimates. It shall be the duty of the officers of the several departments, including the Department of Education, to submit annually to the Mayor or designee and the Board of Finance and Taxation, a recommended capital projects or improvement program which shall include the proposed method of financing each individual capital project or improvement and shall be based on estimates of the costs of such projects as submitted by each department, office or agency annually in the same manner as the annual estimates prepared for the Proposed Budget, pursuant to 10-3(a).

Submission of Capital Projects Budget Estimate. The officers of the several departments of the City shall, not later than the second Friday in January of each year (unless such day occurs before the tenth day of January in which event the date shall be not later than the third Friday in January), simultaneously transmit to the Mayor or designee and the Board of Finance and Taxation in detail the five (5) year Capital Projects Budget. Said officers shall submit the estimates required by this section using the forms, system, and/or methods prescribed by the Mayor or designee.

Source:

Charter of the City of New Britain, Connecticut, as approved by Referendum

of November 8, 2016.

ACKNOWLEDGEMENTS

MAYOR

The Honorable Erin E. Stewart

COMMON COUNCIL

Ald. Eva Magnuszewski - President Pro-Tempore
Ald. Carlo Carlozzi, Jr. - Majority Leader
Ald. Robert Smedley - Minority Leader
Ald. Richard Reyes - Assistant Majority Leader
Ald. Emmanuel Sanchez - Assistant Majority Leader
Ald. Emmanuel Sanchez - Assistant Minority Leader
Ald. Kristian Rosado - Assistant Minority Leader
Ald. Brian Keith Albert
Ald. Aram Ayalon
Ald. Katie Breslin
Ald. Jamie Giantonio
Ald. Don Naples
Ald. Wilfredo Pabon
Ald. Daniel Salerno
Ald. Iris Sanchez
Ald. Francisco Stantiago

BOARD OF FINANCE AND TAXATION

Mary Marrocco, Chairwoman & Bonding Sub-Committee
Josephine Moreno Vice-Chairwoman
Maritta Daddio, Bonding Sub-Committee
Alexander Carver
Basil Green
Michael Halloran
Rober Kusiak

INTRODUCTION

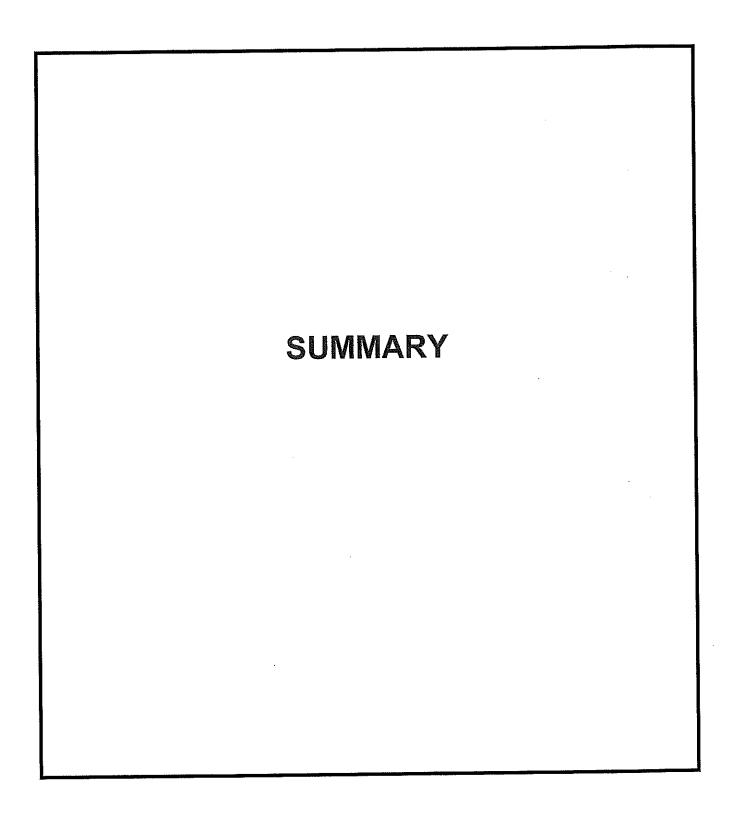
A Capital Improvement Program (CIP) is a plan that describes all of the capital projects that a city proposes to undertake during a five fiscal year period. Capital projects that have a cost of \$10,000 or more, a life expectancy of five (5) years or more, or impact a major capital facility, are included in the CIP. New Britain does not include capital equipment in its CIP. Many capital projects span several years and have a planning/pre-construction phase, plus a construction phase.

Prepared by

Amy Goldsberry, Fiscal Officer Robert Trottier, City Engineer Jonathan M. Perugini, Deputy Finance Director

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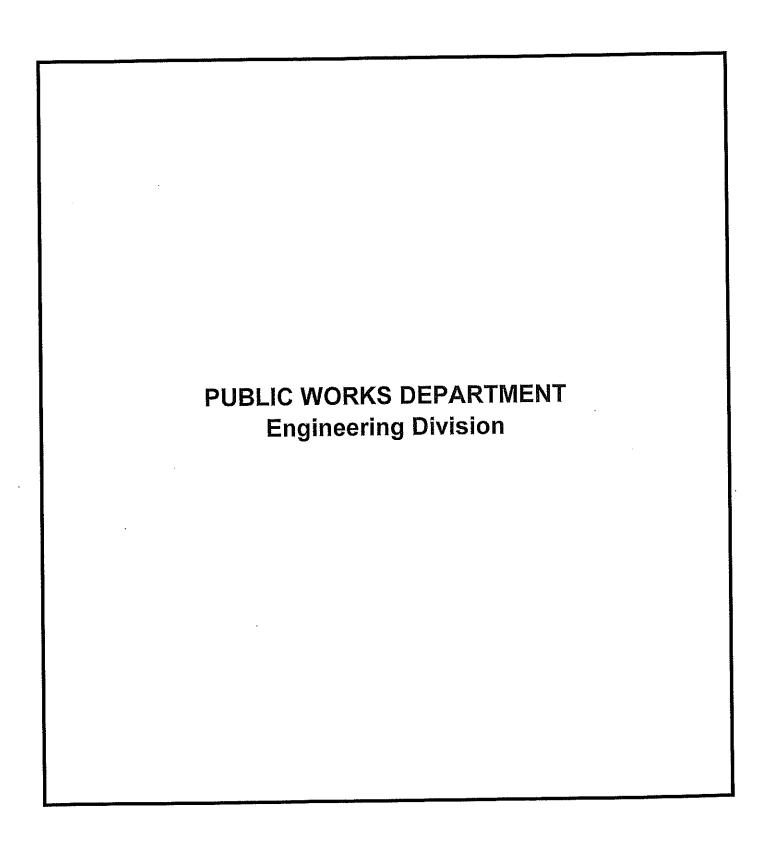


	Department/	F	iscal Year	F.	sçal Year		scal Year		scal Year		iscal Year		Total
age	Project	2	018-2019	2.	019-2020	2	020-2021	2	021-2022	2	022-2023		Total
11	PUBLIC WORKS DEPARTMENT (Engineering Division)												
	(Road Reconstruction)												
12	Project Title: Hart Street Road Reconstruction (Linwood Street to Corbin Avenue)	\$	1,000,000	\$		\$	-	\$	-	\$		ş	1,000,000 205,000
13	Project Title: Public Works Yard at 55 Harvard Street replace existing Salt Sheds	\$	205,000	\$	-	\$	-	\$	•	¥	_	Ψ	200,000
14	Project Title: Eddy Glover Traffic Safety Improvements	\$	500,000	\$	500,000	\$	-	\$	-	\$	-	\$	1,000,000
15	Project Title: Allen Street Road Reconstruction Phase II (Oak Street to Beacon Street)	\$	-	\$		\$		\$	2,500,000	\$	2,500,000	\$	5,000,000
	(Bridge Replacement)												
15	Project Title: Elbridge Road over Shultz Pond Brook Bridge Replacement	\$	-	\$	_	\$	1,171,015	\$	-	\$	-	\$	1,171,015
17	Project Title: Shuttle Meadow Avenue over Shuttle Meadow Pond Brook	\$	-	\$	_	\$	-	\$	-	\$	400,000	\$	400,000
	(Downtown Streetscape Enhancements)	•											
18	Project Title: Downtown Streetscape Enhancements Phase 4, Bank Street & Columbus	ś	2,200,000	\$	-	\$	_	\$	-	\$	-	\$	2,200,000
19	Blvd Project Title: Downtown Streetscape Enhancements Phase 5, Main Street Overpass	\$	3,750,000	\$	3,750,000	ş	•	\$	-	\$	-	\$	7,500,00
20	Project Title: Downtown Streetscape Enhancements Phase 6, East Main Street and Myrtle	* \$		·	2,000,000	\$	1,000,000	\$	-	\$	-	\$	3,000,00
21	Street Project Title: Downtown Streetscape Enhancements Phase 7, Columbus Boulevard and	\$	_	•	_	Ś	2,000,000	\$	-	\$	-	\$	2,000,00
22	Chestnut Street Project Title: Downtown Streetscape Enhancements Phase 8, Washington Street (Myrtle	-	_	ś	-	Ś		\$		\$	1,800,000	\$	1,800,00
23	St. to W. Main St) Project Title: Hartford Road Sidewalks and Pedestrian Improvements	\$	250,000		_	\$		\$	-	\$	_	\$	250,00
	(Park/Miscellaneous)	\$	250,000	*		*		\$	_				
24	Project Title: Stanley Quarter Park/AW Stanley Park Multi-Use Trail Phase 1				188,252			ŝ	_	Ś	_	\$	388,25
	Project Title: Stanley Quarter Park/AW Stanley Park Multi-Use Trail Phase 2	\$	200,000	\$	180,232		1,000,000	\$	474,535	\$	-	\$	1,474,53
25	Project Title: Stanley Quarter Park Phase II Pave Roadways	\$	-	¥	•	\$	600,000	\$	-	\$	٠ ـ	\$	600,00
26	Project Title: Stanley Quarter Park Phase III Pave Parking Lots and Install Lighting	\$	-	\$	•	\$	600,000	7	1,400,000	\$	_	\$	1,400,00
27		\$	-	\$	-	\$	-	,	1,400,000	7		." \$	
28	Project Title: Police Firing Range	\$	-	\$	-	\$	-	\$	-	ş		\$	350,00
29	Project Title: Ellis Street, Stanley Street Traffic signal and Intersection Improvements	\$	-	\$	-	\$	350,000	ş	-	\$		4	224,
	(Traffic Signals)												250,04
30	Project Title: Traffic Signal Replacement Farmington Avenue at Slater Road	\$	250,000	\$	-	\$	-	ş	-	\$	-	\$	3,000,0
31	Project Title: Install video detection and signal coordination on various signals	\$		\$	-	\$	1,500,000	\$	1,500,000	\$	-	\$	
32	Project Title: Main Street at Layayette Street Traffic Safety Improvements	\$	-	\$	608,000	\$	•	\$	-	\$	-	\$	608,0
33	Project Title: South Street, Roosevelt Street and Rockyhili Ave Traffic signal Replacement	\$	-	\$	•	\$	250,000	\$	-	\$	•	ş	250,0
34	Project Title: Slater Road & Osgood Avenue Signal Replacement	\$	-	\$	-	\$	-	\$	250,000	\$	-	\$	250,0
35	Project Title: Farmington Avenue and Corbin Avenue Signal Replacement	\$	-	\$	-	\$	•	\$	-	\$	250,000	\$	250,0
	(Annual Right of Way Management Programs)												
36	Project Title: Annual Paving Program	\$	1,250,000	\$	2,000,000	\$	2,000,000	\$	2,000,000	\$	2,000,000	\$	9,250,0
37	Project Title: Crack Sealing	\$	100,000	\$	100,000	\$	100,000	\$	100,000	\$	100,000	\$	500,0
38	Project Title: Sidewalk and H/C Ramp Improvement Program	\$	333,139	\$	250,000	\$	250,000	\$	250,000	\$	250,000	\$	1,333,1
39	Project Title: Trench Program	\$	250,000	\$	250,000	\$	250,000	\$	250,000	\$	250,000	\$	1,250,0
40	Project Title: Pavement Marking Maintenance	\$	50,000		50,000	e	50,000	ŝ	50,000	\$	50,000	\$	250,0

_	Department /		Fiscal Year		Fiscal Year		Fiscal Year		Fiscal Year		Fiscal Year	-
age 41			2018-2019		2019-2020		2020-2021		2021-2022		2022-2023	Total
7.	PUBLIC WORKS DEPARTMENT (Utility Division)											
	(Sewer)											
2	Project Title: EPA CNOM General Compliance	\$	500,000	\$	350,000	\$	350,000	\$	350,000	\$	350,000	\$ 1,900,00
3	Project Title: EPA CMOM Compliance & Inflow and Infiltration Elimination Projects	\$	3,200,000	\$	2,000,000	\$	2,000,000	\$	2,000,000	\$	2,000,000	\$ 11,200,00
4	Project Title: MS4 Illicit Discharge and Correction	\$	100,000	\$	100,000	\$	100,000	\$	100,000	\$	100,000	\$ 500,00
5	Project Title: EPA MS4 Compliance	\$	200,000	\$	100,000	\$	100,000	\$	_	\$		\$ 400,00
	(Water)											
6	Project Title: Replace Filter Plant SCADA hardware and software (Priority)	\$	169,000	\$	500,000	\$		\$	_	\$	-	\$ 669,00
7	Project Title: Lower Whites Bridge Wellfield Improvements and Redevelopment	\$	700,000	\$	2,800,000	\$	_	\$	_	\$		\$ 3,500,00
В	Project Title: Whites Bridge Pond Station Improvements	\$	291,280	\$	1,960,864	\$	-	\$	-	\$	_	\$ 2,252,14
9	Project Title: Batterson Park Rd from New Britain Town Line to 2 Mile Road	\$	50,000		600,000	\$		\$		\$	-	\$ 650,0
0	Project Title: West Canal Leakage abatement 2,000 lf of 30" pipe	s s	8,474	\$	-	\$	-	\$	-	\$	_	\$ 560,0
t	Project Title: 8th Street-Newington From Monte Vista to Hazelmere CT-6"	\$	٠,	\$	-	\$		\$	59,850	\$		\$ 59,8
2	Project Title: Wynola Ave From Sheryl to East St- 6"	*		*	_	₹ \$		* \$	145,350	\$		145,3
ı	Project Title: Arch St from SM Ave to Ellis St - 6"	7	_	4	-					-	<u>-</u>	\$
ı	Project Title: Stanley Street From Chestnut to East Main - 6"	7	-	\$	-	\$	-	\$	129,327	\$	-	\$ 129,3
,	Project Title: East 5t from Sunrise Ave to City Ave - 6"	ş	-	\$	-	\$		\$	207,766	\$		\$ 207,70
i	Project Title: Yeaton Street From Farmington Ave to Lurton St - 6"	\$	-	Ş		\$	-	\$	198,277	\$	-	\$ 198,2
,	Project Title: Farmington Ave From Lurton to Town Line- 8"	\$	•	\$	-	\$	-	\$	135,493	\$	~	\$ 135,49
ı	Project Title: Clinton St From Band to Carbin VE-14"	\$	-	\$	-	\$	-	\$	191,653	\$	-	\$ 191,69
)	Project Title: Eddy Glover From Mcclintock to Francis St - 6"	\$	•	\$		\$	*	\$	387,600	\$	-	\$ 387,60
}	Project Title: Cleveland From Myrtle to Broad St - 6"	\$	•	\$	-	\$	-	\$	241,838	\$	-	\$ 241,83
	Project Title: Lawlor From North St to East Lawlor - 6"	\$	u	\$	-	\$	-	\$	-	\$	240,251	\$ 240,25
	Project Title: South Main Street From South St to Veterans Drive - 6"	\$	-	\$	-	\$	-	\$	-	\$	178,208	\$ 178,20
	Project Title: High Street From Brown to Biruta St - 6"	\$	-	\$	-	\$	-	\$	•	\$	193,197	\$ 193,19
		\$	-	\$	-	\$	• -	\$	-	\$	149,021	\$ 149,02
	Project Title: East St From Newington Ave to Dwight St- 6"	\$	-	\$	-	\$	-	\$	-	\$	127,100	\$ 127,10
;	Project Title: Myrtle St From Curtis to Burritt - 8"	\$	-	\$	-	\$	-	\$	-	\$	184,077	\$ 184,07
	Project Title: Fulton St From Edgewood Ave to 71 Fulton St- 6"	\$	-	\$		\$		\$	•	\$	183,670	\$ 183,67
	Project Title: East St From Woodland To East Main St - 6"	\$		\$	-	\$	-	\$	-	\$	198,277	\$ 198,27
	Project Title: Court St From Main To South High St- 6"	\$	-	\$	-	\$	_	\$	-	\$	106,029	\$ 106,02
	Project Title: Roundhill Road From Steele St. To End -8"	\$		ş	-	\$	-	\$	-	\$	178,790	178,79
	Sta	btotal \$	5,218,754	\$	8,962,427	Ś	2,550,000	ŝ	4,147,154	\$	4,188,620	25,066,95

	Department /	ī	Iscal Year		Fiscal Year	F	iscal Year	- 5	iscal Year	F	iscal Year		
Page	Project		2018-2019		2019-2020	2	020-2021	2	021-2022	2	022-2023		Total
70	Parks, Recreation & Community Services Department												
71	Project Title: A. W. Stanley Park Installation of Musco Sporting Lighting and Control Link	\$	150,000	\$	-	\$	-	\$	-	\$	-	\$	150,000
72	Project Title: Stanley Quarter Park Dam Repair /Full Depth Dredge	\$	1,200,000		_	\$		\$	-	\$	_		\$1,200,000
73	Project Title: Walnut Hill Park Tennis Court Reconstruction	\$	500,000	\$	_	· \$	-	\$	_	\$	-	\$	500,000
74	Project Title: Willow Brook Park Tennis Court Reconstruction	\$	500,000	, \$	-	\$	-	\$	-	\$	_	\$	500,000
75	Project Title: ADA Compliance Various Parks	\$	150,000	\$	150,000	\$	150,000	\$	150,000	\$	150,000	\$	750,000
76	Project Title: A.W. Stanley Park Lower Pond Full Depth Dredge	ŧ		\$	1,500,000	\$		\$		\$		\$	1,500,000
77	Project Title: Stanley Quarter Park Basketball Court Reconstruction and Lights	*	_	\$	300,000	\$	-	\$	-	\$	_	\$	300,000
78	Project Title: Washington Park Basketball Court Reconstruction and Lights	÷	_	\$	300,000	\$	_	, \$	-	\$	-	\$	300,000
79	Project Title: A.W. Stanley Park Repairs to Chalet Building	e e	_	\$	•	\$	_	s	_	\$	_	\$	300,000
во	Project Title: Stanley Quarter Park Renovate Soccer Field with Artificial Turfs	₽	_	\$	-	\$	_	\$		\$	_	\$	4,000,000
B1	Project Title: Stanley Golf Course - Back Nine Tavern Addition	7	-	Ċ		\$	_	s s	_	` \$	-	Š	600,00
82	Project Title: Willow Brook Park Re-pave/Re-line Parking Lot and Fence	÷	_	\$	000,000	7	2,000,000	\$		÷		, \$	2,000,00
83	Project Title: Martha Hart Park Full Depth Pond Dredge	* -		\$	-	4	1,300,000	* \$	_	Ť	_	\$	1,300,00
84	Project Title: Chesley Park Master Plan Improvements	5	-	\$	4 500 000	\$ _	1,300,000	\$		\$	_	\$	1,500,00
85	Project Title: Senior Center Replacement of Boiler System	ş	-	\$	1,500,000	\$			100,000	Ĭ.	_	* \$	100,00
86	Project Title: New Britain Stadium Re-Lamp Field Lights	ş	-		-	4		\$	100,000	\$	_	Š	100,00
87	Project Title: A.W. Stanley Park Reconstruct Little League Field	\$	-	\$		\$	-	\$	250,000	\$	_	\$	250,00
88	Project Title: A.W. Stanley Park Shelter/Picnic Area	\$	-	\$	-	7	-	\$	250,000			\$	250,00
89	Project Title: AW Stanley Park Construction of new playscape	ş	-	\$	-	ş	-	\$		\$		\$	250,00
90	Project Title: Martha Hart Park Playground replacement; handicap accessible playground	\$	-	\$	-	Ş	•	\$	250,000		300,000	•	300,00
91	with rubber surface Project Title: Stanley Quarter Park Tennis Reconstruction	\$	-	\$		\$	-	\$	•	\$	200,000	\$	350,00
93	Project Title: Stanley Quarter Park Playground replacement; handicap accessible	\$		\$	350,000	\$	_	.	•	\$	-		300,00
94	playground with rubber surface Project Title: Chesley Park Softball Complex Diamond 1 Re-Lamp Field Lights	\$	-	\$	-	\$	•	\$	-	\$	-	\$	
95	Project Title: Willow Brook Park: Playground replacement; handicap accessible		\$0		\$0		\$0		\$85,000		\$0		\$85,00
	playground with rubber surface		\$0		\$0		\$0		\$0		\$300,000		\$300,00
96	Project Title: Osgood Park Master Plan	\$	-	\$	-	\$	-	\$	-	\$	5,000,000		5,000,00
97	Project Title: Washington Park Master Plan	\$	-	\$	-	\$	-	\$	-	\$		\$	4,000,00
	Grand Total For Parks, Recreation & Community Services Department	\$	2,500,000	\$	9,000,000	\$	3,750,000	\$	1,185,000	\$	9,750,000	\$	26,185,00
								\$	-				
99	Facilities & Energy Department	\$	600,000	\$	600,000	Š	600,000	\$	-	\$		\$	1,800,00
100	Project Title: City Wide Elevator Modernizations	ė	181,000		150,000		150,000	\$	-	\$	-	\$	481,00
101	Project Title: City Hall Energy Improvements	7	101,000	Ŧ		4		\$	-	•			
	Project Title: City Hall Interior Upgrades	\$	-	\$	440,000	\$	440,000	\$	-	\$	-	\$	880,0
103	Project Title: Szczesny Garage Modifications for CTFastrak Parking	\$	100,000	\$	-	\$	=	\$	-	\$	-	\$	100,0
105	Project Title: Blogoslawski Garage Concrete, HVAC, & Electrical Repairs/Improvements	\$	-	\$	460,000	\$	420,000	\$	420,000	\$	-	\$	1,325,0
107	Project Title: City Hall Roof Replacement	\$	_	\$	185,000	ş	25,000	\$	25,000	\$	-	\$	235,00

age	Department / Project		iscal Year 018-2019		Fiscal Year 2019-2020		Fiscal Year 2020-2021		Fiscal Year 2021-2022	Fiscal Year 2022-2023		Total
(08	FIRE DEPARTMENT		*******	******								
109	Project Title: Fire Station 4 Renovation (@ Corbin & Rte 72)	ŝ	200,000	ŝ	3,300,000	\$	-	\$	_	\$ -	\$	3,500,00
10	Project Title: Road Safety Improvements at Stations #1 and #8.	\$	100,000	\$	• •	\$	-	\$	-	\$ _	\$	100,0
11	Project Title: Fire Training Facility Adjacent to Station 5 @ Stanley St. and Smalley St.)	\$	_	\$	100,000	\$	1,500,000	\$	-	\$ -	\$	1,600,0
12	Project Title: Fire Station 8-New Building (opposite Hospital for Special Care)	\$	-	\$	-	\$	-	\$	300,000	\$ 5,700,000	\$	6,000,0
13	Project Title: Parking Lot Replacement at Fire Stations 1 and 2.	\$	150,000	\$	-	\$		\$	-	\$ -	\$	150,0
14	Project Title: Fleet Facility Expansion/Reno (Adjacent to Station 5 @ Stanley St. and Smalley St.)	\$	-	\$	-	\$	200,000	\$	2,000,000	\$ _	\$	2,200,0
15	Project Title: Fire Stations Improvements	\$		\$	-	\$	200,000	\$		\$ -	\$	200,0
	Grand Total For Fire Department	\$	450,000	\$	3,400,000	\$	1,900,000	\$	2,300,000	\$ 5,700,000	\$	13,750,0
	PUBLIC SAFETY TELECOMMUNICATIONS Project Title: Radio System Technology Retention Upgrade Grand Total For PSTC	\$	38,000 38,000	\$	20,000 20,000	\$	10,000	\$	38,000 38,000	\$ 20,000 20,000		126,0 126,0
8 9	EMERGENCY MEDICAL SERVICES Project Title: Apparatus Bay Curtain Drain Channel Replacement/Repair											
ı.	Project Title: Replace EMS Headquarters Bay Doors	\$	15,000	•		\$		\$	-	\$ -	\$	15,0
2	Project Title: Replace EMS Headquarters RTU HVAC Unit	\$	30,000		30,000	\$	30,000	_			\$	90,0 25,0
3	Project Title: Repair/Replace Rear Protery Retaining Wall	ş ė	25,000 30,000	\$ \$	•	\$	-	\$		\$ -	e s	30,0
	Grand Total For EMS	\$	100,000		30,000		30,000	\$	-	\$ -	\$	160,0
	Grand Total for City	\$ 1	9,525,893	\$ 3	32,943,679	\$:	20,396,015	\$:	16,889,689	\$ 27,258,620	\$ 1	17,038,8



Project Title: Hart Street Road Reconstruction (Linwood Street to Corbin Avenue)

Activity/Department: Public Works

Description / Purpose / Justification

Justification: The Public Works Department is charged with administering the City's Street Rehabilitation Projects. Funding for this specific project will go towards Hart Street infrastructure rehabilitation, including replacement of undersized and deteriorated storm sewer mains, road reconstruction, sidewalk and curb replacement between Corbin Avenue and Linwood Street.

Figures shown below are tentative. Vendor selection process requires further discussion.*

	5)	(penditure	Schedule			
Cost Elements	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	TOTAL
Design / Engineering						
Site Costs						
Construction / Building Improv.	1,000,000					1,000,000
Furniture / Equipment		•				
Other						
Contingency	i i					
Total	1,000,000	-			-	\$1,000,000

Funding Source(s) / Notations

\$1.3M spent in FY 2018 STP Urban/10% City Infrastructure Bond Match

Project Title: Public Works Yard at 55 Harvard
Street replace existing Salt Sheds

Activity/Department: Public Works

Description / Purpose / Justification

Justification: The existing salt sheds are approximately 15 years old and in disrepair. Temporary repairs have been made, however, the corrosive nature of the material being placed in the sheds has corroded structural roof members beyond repair. In addition, the existing sheds are undersized for the City's snow operation. This project will replace the existing two structures with a single structure to further improve operation efficiency.

Figures shown below are tentative. Vendor selection process requires further discussion.*

	Ex	penditure	Schedule			and the second
Cost Elements	2019	2020	2021	2022	2023	TOTAL
Design / Engineering						-
Site Costs						
Construction / Building Improv.	205,000					205,000
Furniture / Equipment						-
Other .						-
Contingency						\$205,000
Total	205,000	-				
	Fundir	ig Source	s) / Notatic	ons		

FY 2018 LOCIP

Project Title: Eddy Glover Traffic Safety
Improvements

Activity/Department: Public Works

Description / Purpose / Justification

Justification: The Public Works Department is charged with administering the City's Street Rehabilitation Projects. Funding for this specific project will go towards Eddy Glover Blvd. Traffic Safety Improvements and involves realignment of the Eddy Glover Blvd./McClintock Street/Commonwealth Ave. intersection to a more conventional configuration.

Figures shown below are tentative. Vendor selection process requires further discussion.*

	E	penditure :	Schedule			
Cost Elements	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	TOTAL
Design / Engineering					<u>"</u>	-
Site Costs		:				-
Construction / Building Improv.	500,000	500,000				1,000,000
Furniture / Equipment						-
Other						-
Contingency						
Total	500,000	500,000	-	•	-	\$1,000,000
	Fundii	ng Source(s	s) / Notatio	ns		

90% ConnDOT LRARP/10% LOCIP

Project Title: Allen Street Road Reconstruction

Activity/Department: Public Works

Phase II (Oak Street to Beacon Street)

Description / Purpose / Justification

Justification: The Public Works Department is charged with administering the City's Street Rehabilitation Projects. Funding for this specific project will go towards Allen Street infrastructure rehabilitation, including replacement of undersized and deteriorated storm and sanitary sewer mains, road reconstruction, sidewalk and curb replacement, milling and paving and traffic signal upgrades.

Figures shown below are tentative. Vendor selection process requires further discussion.*

		<u>xpenditure</u>	Schedule			
Cost Elements	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	TOTAL
Design / Engineering						
Site Costs				·		- 222.000
Construction / Building Improv.				2,500,000	2,500,000	5,000,000
Furniture / Equipment						
Other						
Contingency					0.700.000	5,000,000
Total	-	-	-	2,500,000	2,500,000	5,000,000

Funding Source(s) / Notations

Future LOTCIP/ City Bond

Project Title: Elbridge Road over Shultz Pond
Brook Bridge Replacement

Activity/Department: Public Works

Description / Purpose / Justification

Justification: The Public Works Department is charged with administering the City's Street Rehabilitation Projects. Funding for this specific project will go towards Elbridge Road Bridge replacement.

Figures shown below are tentative. Vendor selection process requires further discussion.*

	Ε	xpenditure	Schedule			
Cost Elements	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	TOTAL
Design / Engineering	1					_
Site Costs						-
Construction / Building Improv.			1,171,015			1,171,015
Furniture / Equipment						
Other						-
Contingency						-
Total		-	1,171,015	-	+	\$1,171,015

Funding Source(s) / Notations

33% ConnDOT Local Bridge Program/67% Bridge Bond

Project Title: Shuttle Meadow Avenue over	Activity/Department: Public Work
Shuttle Meadow Pond Brook	

Description / Purpose / Justification

Justification: The Public Works Department is charged with administering the City's Street Rehabilitation Projects. Funding for this specific project will go towards Shuttle Meadow Avenue Culvert Replacement at Shuttle Meadow Pond Brook.

Figures shown below are tentative. Vendor selection process requires further discussion.*

L					FY 2023	TOTAL
Cost Elements	FY 2019	FY 2020	FY 2021	FY 2022	FT ZUZS	IOIA.
Design / Engineering						
Site Costs			i			(00,000
Construction / Building Improv.					400,000	400,000
Furniture / Equipment						
Other						
Contingency					400,000	\$400,000
Total		- 1	-	-	400,000	\$400,000

Bridge Bond/Infrastructure Bond

Project Title: Downtown Streetscape
Enhancements Phase 4, Bank Street &
Columbus Blvd

Activity/Department: Public Works

Description / Purpose / Justification

Justification: The Public Works Department is charged with administering the City's Street Rehabilitation Projects. Funding for this specific project will go towards Bank Street & Columbus Boulevard infrastructure rehabilitation, including the relocation of the local bus hub from Bank Street to Columbus Blvd and a new round-about at the Bank Street Columbus Blvd. intersection.

Figures shown below are tentative. Vendor selection process requires further discussion.*

Expenditure Schedule						
Cost Elements	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	TOTAL
Design / Engineering						_
Site Costs						
Construction / Building Improv.	2,200,000					2,200,000
Furniture / Equipment						_
Other						_
Confingency						
Total	2,200,000		-	-	-	\$2,200,000

Funding Source(s) / Notations

\$1.0M spent in FY 2018
ConnDOT LRARP/10% City Streetscape Bond Match

Project Title: Downtown Streetscape Activit

Enhancements Phase 5, Main Street Overpass

Activity/Department: Public Works

Description / Purpose / Justification

Justification: The Public Works Department is charged with administering the City's Street Rehabilitation Projects. Funding for this specific project will go towards Main Overpass infrastructure rehabilitation, including bridge enhancements to re-connect Downtown to the north side of Route 72.

Figures shown below are tentative. Vendor selection process requires further discussion.*

Name of the Control o		penditure S		FY 2022	FY 2023	TOTAL
Cost Elements	FY 2019	FY 2020	FY 2021	F1 2022	11 2020	1000
Design / Engineering						
Site Cosis						7 500 00
Construction / Building Improv.	3,750,000	3,750,000				7,500,00
Furniture / Equipment						
Other						
Contingency						\$7,500,00
Total	3,750,000	3,750,000	•		-	\$7,500,00

Funding Source(s) / Notations

\$1.6M Bus Livability/\$2.1M CTDot State Bond/\$700K CTDot Fix It First/\$.08 Misc Grants/\$2.3 M City Streetscape Bond

Project Title: Downtown Streetscape
Enhancements Phase 6, East Main Street and
Myrtle Street

Description / Purpose / Justification

Justification: The Public Works Department is charged with administering the City's Street and other related Capital Improvement Projects. Funding for this specific project will go towards streetscape improvements along East Main Street and Myrtle Street between Washington Street and Martin Luther King Blvd. Improvments will include implementation of a road diet, sidewalk and curb replacement, installation of brick pavers and other related streetscape enhancements.

Figures shown below are tentative. Vendor selection process requires further discussion.*

Expenditure Schedule						
Cost Elements	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	TOTAL
Design / Engineering				•		-
Site Costs						
Construction / Building Improv.		2,000,000	1,000,000			3,000,000
Furniture / Equipment						-
Other						-
Contingency						
Total	•	2,000,000	1,000,000	-	-	\$3,000,000

Funding Source(s) / Notations

ConnDOT LOTCIP program

Project Title: Downtown Streetscape
Enhancements Phase 7, Columbus Boulevard

Activity/Department: Public Works

and Chestnut Street

Description / Purpose / Justification

Justification: The Public Works Department is charged with administering the City's Street and other related Capital Improvement Projects. Funding for this specific project will go towards streetscape improvements along Columbus Boulevard between Chestnut Street and Harry Truman Overpass and along Chestnut Street between Elm Street and Columbus Boulevard. Improvements will include implementation of a road diet, sidewalk and curb replacement, installation of brick pavers and other related streetscape enhancements.

Figures shown below are tentative. Vendor selection process requires further discussion.*

				FY 2022	FY 2023	TOTAL
Cost Elements	FY 2019	FY 2020	FY 2021	I LUZZ	11 2020	101,712
Design / Engineering						
Site Costs						
Construction / Building Improv.			2,000,000			2,000,000
Furniture / Equipment						
Other						
Contingency						60,000,000
Total	-	н	2,000,000	-		\$2,000,000

State of Connecticut OPM TOD Grant

Project Title: Downtown Streetscape
Enhancements Phase 8, Washington Street

Activity/Department: Public Works

(Myrtle St. to W. Main St)

Description / Purpose / Justification

Justification: The Public Works Department is charged with administering the City's Street and other related Capital Improvement Projects. Funding for this specific project will go towards streetscape improvements along Washington Street (between West Main Street and Myrtle Street). Improvements will include implementation of a road diet, sidewalk and curb replacement, installation of brick pavers and other related streetscape enhancements.

Figures shown below are tentative. Vendor selection process requires further discussion.*

		xpenditure	Schedule			
Cost Elements	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	TOTAL
Design / Engineering						-
Site Costs						
Construction / Building Improv.					1,800,000	1,800,000
Furniture / Equipment						-
Other						
Contingency						-
Total	-	-	×		1,800,000	\$1,800,000

Funding Source(s) / Notations

FUTURE LOTCIP

Project Title: Hartford Road Sidewalks and	Activity/Department: Public Works
Pedestrian Improvements	

Description / Purpose / Justification

Justification: Hartford Road sidewalks and pedestrian improvements includes installation of a new sidewalk/multi-use trail to connect the existing sidewalks on Hartford Road between the south side of COSTCO and the intersection of Stanley Street. The project also includes pedestrian upgrades to the existing traffic signal at Hartford Road and Village Square Drive and the possible installation of a new sidewalk from Village Square Drive to the Rt 9 south bound off-ramp.

Figures shown below are tentative. Vendor selection process requires further discussion.*

					TOTAL
FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	IOIAL
					0.50.50
250,000					250,000
	,				
					\$000.000
250,000		*	-	-	\$250,000
	FY 2019 250,000	FY 2019 FY 2020 250,000	FY 2019 FY 2020 FY 2021 250,000	FY 2019 FY 2020 FY 2021 FY 2022 250,000 250,000	FY 2019 FY 2020 FY 2021 FY 2022 FY 2023 250,000 250,000 300 300 300 300 300 300 30

\$500K spent in FY 2018
DECD financial Assistance Grant

Project Title: Stanley Quarter Park/AW Stanley Activity/Department: Public Works Park Multi-Use Trail Phase 1

Description / Purpose / Justification

Justification: This project is the first phase of the development of a multi-use trail system in Stanley Quarter Park/AW Stanley Park. This trail system will serve as a major linkage in New Britain's burgeoning bicycle and pedestrian network. It will also provide access to a 120 acre portion of New Britain's AW Stanley Park (it's largest) that is largely undeveloped, and largely inaccessible to the general population. This Phase will complete the existing loop trail around the AW Stanley Park Lower Pond and extend the trail to provide connections to Village Square Drive and Stanley Street. Improvements will also be make to the existing paved trail.

Figures shown below are tentative. Vendor selection process requires further discussion.*

Expenditure Schedule						
Cost Elements	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	TOTAL
Design / Engineering						-
Site Costs						-
Construction / Building Improv.	200,000	188,252				388,252
Furniture / Equipment						-
Other						-
Confingency						
Total	200,000	188,252	- ;	-	,	\$388,252

Funding Source(s) / Notations

\$270K FY 17 LOCIP/\$118,252 DEEP Rec Trails Grant with 20% City Match or in-kind services

Project Title: Stanley Quarter Park/AW Stanley Park Multi-Use Trail Phase 2

Activity/Department: Public Works

Description / Purpose / Justification

Justification: This project is the second phase of the development of a multi-use trail system in Stanley Quarter Park/AW Stanley Park. This trail system will serve as a major linkage in New Britain's burgeoning bicycle and pedestrian network. It will also provide access to a 120 acre portion of New Britain's AW Stanley Park (it's largest) that is largely undeveloped, and largely inaccessible to the general population. This phase of the Stanley Loop Trail will be designed in house and involves approximately 1.6 miles of paved multi-use trail that will begin in Stanley Quarter Park near the existing skate park and extend northerly through Stanley Quarter and AW Stanley Parks to Holmes Elementary School and Stanley Street connecting to the first phase of the Stanley Loop Trail which is currently in design.

Figures shown below are tentative. Vendor selection process requires further discussion.*

Cost Elements	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	TOTAL
Design / Engineering						
Site Costs						
Construction / Building Improv.			1,000,000	474,535		1,474,535
Furniture / Equipment						
Ofher						
Contingency						C1 474 F21
Total		-	1,000,000	474,535	-	\$1,474,535

80 % ConnDot Transportation Alternatives (TA) Set-Aside Grant 20% Stanley Trust/Design Reimbursement/LOCIP

Project Title: Stanley Quarter Park Phase II Pave **Activity/Department:** Public Works Roadways

Description / Purpose / Justification

Justification: The roads in Stanley Quarter Park are in disrepair and in need of resurfacing. This project includes some minor road realignment and paving the entire road network within Stanley Quarter Park.

Figures shown below are tentative. Vendor selection process requires further discussion.*

Expenditure Schedule						
Cost Elements	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	TOTAL
Design / Engineering						
Site Costs						-
Construction / Building Improv.			600,000			000,000
Furniture / Equipment						-
Other						-
Contingency						
Total	F	-	600,000	_	-	\$600,000

Funding Source(s) / Notations

Future Bonding/LOCIP

Project Title: Stanley Quarter Park Phase III	Activity/Department: Public Works
Pave Parking Lots and Install Lighting	

Description / Purpose / Justification

Justification: The parking lots in Stanley Quarter Park are in disrepair and in need of resurfacing. This project includes paving the parking lots within Stanley Quarter Park and installing new roadway lighting throughout the park.

Figures shown below are tentative. Vendor selection process requires further discussion.*

Cost Elements	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	TOTAL
Design / Engineering						
Site Costs						
Construction / Building Improv.				1,400,000		1,400,000
Furniture / Equipment						
Other						
Contingency						\$1,400,000
Total		-	<u> </u>	1,400,000	~	\$1,400,000

Future Bonding/LOCIP

Project Title: Police Firing Range	Activity/Department: Public Works
	1

Description / Purpose / Justification

Justification: The New Britain Police Department has lost use of its current firing range facility in Plainville, which is owned by Tilcon. This project involves finding a new location and constructing a city owned facility which will provide the Police Department with a location to meet their training requirements.

Figures shown below are tentative. Vendor selection process requires further discussion.*

Expenditure Schedule								
Cost Elements	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	TOTAL		
Design / Engineering								
Site Costs								
Construction / Building Improv.	TBD							
Furniture / Equipment								
Other								
Contingency								
Total	-	-		-	-	\$1		
						ter - dente the North Annual Control		

Funding Source(s) / Notations

Site Selection required before funding can be determined

Project Title: Ellis Street, Stanley Street Traffic signal and Intersection Improvements

Activity/Department: Public Works

Description / Purpose / Justification

Justification: The Public Works Department is charged with administering the City's Street and other related Rehabilitation Projects. Funding for this specific project will go towards intersection improvements and Traffice Signal replacement at the Ellis Street and Stanley Street intersection. This intersection does not function well with the high truck volume from Guidas and the traffic signal was originally installed in the early 1970's and is far beyond its design life, requires many service calls and is showing signs of fatigue.

Figures shown below are tentative. Vendor selection process requires further discussion.*

	<u> </u>	xpenditure				
Cost Elements	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	TOTAL
Design / Engineering						
Site Costs						
Construction / Building Improv.			350,000			\$350,00
Furniture / Equipment						
Other						
Contingency						\$350,00
Total	-	-	350,000			\$350,00

Funding Source(s) / Notations

FUTURE CTDOT Local Road Accident Reduction Program (LRARP)

Project Title: Traffic Signal Replacement Activity/Department: Public Works
Farmington Avenue at Slater Road

Description / Purpose / Justification

Justification: Funding is requested for the replacement/upgrade of the traffic control signal located at the intersection of Farmington Avenue at Slater Road/Alexander Road. This intersection is a gateway to the city, and with the recent and future development proposed at the adjacent Guida's property, will become critical in maintaining safe and efficient pedestrian and traffic operations for the area. The existing traffic control signal at this location was installed in 1967, has had recent repeated maintenance issues and is badly in need of an upgrade to be more traffic responsive, reduce maintenance costs and to be more energy efficient. Associated with the signal replacement will be the replacement of necessary pedestrian ramps, crosswalks and pavement markings.

Figures shown below are tentative. Vendor selection process requires further discussion.*

Expenditure Schedule							
Cost Elements	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	TOTAL	
Design / Engineering							
Site Costs						-	
Construction / Building Improv.	250,000					250,000	
Furniture / Equipment						-	
Other							
Contingency						-	
Total	250,000	<u></u>	-	-		\$250,000	

Funding Source(s) / Notations

FY 17 LOCIP

Project Title: Install video detection and signal coordination on various signals

Activity/Department: Public Works

Description / Purpose / Justification

Justification: The Public Works Department is charged with administering the City's Street Infrastructure and Capital Projects. This project involves the design of six (6) Traffic Signal replacements and equipment upgrades at twelve (12) additional signalized intersections in the Downtown area of New Britain. This project also includes designing the upgrade/replacement/installation of interconnect cables and integration into the City's centralized traffic signal system (ATMS).

Figures shown below are tentative. Vendor selection process requires further discussion.*

	E	<u>xpenditure</u>	Schedule			
Cost Elements	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	TOTAL
Design / Engineering						
Site Costs						-
Construction / Building Improv.			1,500,000	1,500,000		3,000,000
Furniture / Equipment						-
Other						
Confingency						\$3,000,000
Total	-	-	1,500,000	1,500,000		\$3,000,000

Funding Source(s) / Notations

100% ConnDOT/Federal CMAQ

Project Title: Main Street at Layayette Street Activity/Department: Public Works

Traffic Safety Improvements

Description / Purpose / Justification

Justification: This project includes the installation of a new traffic signal at the Main Street and Lafayette Street intersection to address several issues associated with the intersection which give it one of the highest crash ratings on local roads in the City New Britain. The recently added pedestrian activity from the CTfastrak Main Street Station to the south, existing heavy pedestrian activity crossing Main Street to and from New Brite Plaza and local businesses combined with the heavy volume of traffic all contribute to the high rate of crashes at this intersection, many of which involve pedestrians. Existing queuing, both northbound and southbound on Main Street is also a contributing factor to the number of crashes at this location. The proposed project will replace the current allway stop control with a new traffic signal to address these issues. Sidewalk bulb-outs will be created to slow vehicular traffic and reduce pedestrian crossing distances. In addition, adjacent deteriorated and hazardous sidewalks will be replaced on Lafayette Street to create a safer pedestrian environment.

Figures shown below are tentative. Vendor selection process requires further discussion.*

Expenditure Schedule							
Cost Elements	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	TOTAL	
Design / Engineering						-	
Site Costs			·			-	
Construction / Building Improv.		608,000				608,000	
Furniture / Equipment						_	
Other				·			
Contingency							
Total	-	608,000	-		•	\$608,000	

Funding Source(s) / Notations

90% ConnDOT LRARP/10% LOCIP

Project Title: South Street, Roosevelt Street and Rockyhill Ave Traffic signal Replacement

Description / Purpose / Justification

Justification: The Public Works Department is charged with administering the City's Street and other related Rehabilitation Projects. Funding for this specific project will go towards replacement of the South Street, Roosevelt Street and Rockyhill Ave Traffic signal. This traffic signal was originally installed in 1978 and is far beyond its design life, requires many service calls and is showing signs of fatigue.

Figures shown below are tentative. Vendor selection process requires further discussion.*

Cost Elements	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	TOTAL
Design / Engineering						
Site Costs						250,00
Construction / Building Improv.			250,000			250,00
Furniture / Equipment						
Other						
Contingency						\$250,0
Total			250,000	-	-	\$2

Funding Source(s) / Notations

FUTURE LOCIP/City Funding

Project Title: Slater Road & Osgood Avenue
Signal Replacement

Activity/Department: Public Works

Description / Purpose / Justification

Justification: The Public Works Department is charged with administering the City's Street and other related Rehabilitation Projects. Funding for this specific project will go towards replacement of the Slater Road & Osgood Avenue Traffic signal. This traffic signal was originally installed in the 1970's and is far beyond its design life and requires many service calls.

Figures shown below are tentative. Vendor selection process requires further discussion.*

Expenditure Schedule							
Cost Elements	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	TOTAL	
Design / Engineering							
Site Costs							
Construction / Building Improv.				250,000		250,000	
Furniture / Equipment						-	
Other						-	
Confingency							
Total				250,000	۰	\$250,000	
		1.000000-00-00-00-00-00-00-00-00-00-00-00				~~	

Funding Source(s) / Notations

FUTURE LOCIP/City Funding

Project Title: Farmington Avenue and Corbin Activity/Department: Public Works Avenue Signal Replacement

Description / Purpose / Justification

Justification: The Public Works Department is charged with administering the City's Street and other related Rehabilitation Projects. Funding for this specific project will go towards replacement of the Farmington Avenue & Corbin Avenue Traffic signal. This traffic signal was originally installed in 1972 and is far beyond its design life and requires many service calls.

Figures shown below are tentative. Vendor selection process requires further discussion.*

	Ē	xpenditure	Schedule			
Cost Elements	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	TOTAL
Design / Engineering						_
Site Costs						-
Construction / Building Improv.					250,000	250,000
Furniture / Equipment						
Other						-
Contingency						-
Total	-	н	-		250,000	\$250,000
	Fund	ing Source	s) / Notatio	ns		

FUTURE LOCIP/City Funding

Project Title: Annual Paving Program

Activity/Department: Public Works

Description / Purpose / Justification

Justification: The Public Works Department is charged with administering the City's Pavement Management Program which includes the Annual Paving Program. Specialty software is used to evaluate the condition and function of each roadway to create a priority list of work to be completed. The intent of the Program is to assure that all City roadways are rehabilitated to recognize full lifecycles.

Figures shown below are tentative. Vendor selection process requires further discussion.*

Expenditure Schedule									
Cost Elements	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	TOTAL			
Design / Engineering									
Site Costs						-			
Construction / Building Improv.	1,250,000	2,000,000	2,000,000	2,000,000	2,000,000	9,250,000			
Furniture / Equipment									
Other		:				-			
Contingency						-			
Total	1,250,000	2,000,000	2,000,000	2,000,000	2,000,000	\$9,250,000			

Funding Source(s) / Notations

Town Aid Road/LOCIP

Project Title: Crack Sealing Activity/Department: Public Works

Description / Purpose / Justification

Justification: The Public Works Department is charged with administering the City's Annual Paving Program. Under the Crack Sealing program, the Public Works goal is to manage the City's pavement infrastructure by developing a Crack Sealing program which maximizes the life of roads which have previously been paved.

Figures shown below are tentative. Vendor selection process requires further discussion.*

	FY 2019	penditure S FY 2020	FY 2021	FY 2022	FY 2023	TOTAL
Cost Elements	F1 2017	11 2020	112021			
Design / Engineering						
Site Costs						-00.000
Construction / Building Improv.	100,000	100,000	100,000	100,000	100,000	500,000
Furniture / Equipment				,		
Other						-
Confingency					400,000	\$500,000
Total	100,000	100,000	100,000	100,000	100,000	\$500,000

Funding Source(s) / Notations

LOCIP/Town Aid Road/Future Infrastructure Bond increase

Project Title: Sidewalk and H/C Ramp Activity/Department: Public Works

Improvement Program

Description / Purpose / Justification

Justification: The Public Works Department is charged with administering the City's Annual Sidewalk Improvement Program. Under this program Public Works goal is to improve pedestrian facilities located within the City's right-of-way and improve public safety. Sidewalk issues are significant, such as tripping hazards, and can result in claims against the City. This annual program addresses the repair of cracked and/or deteriorated sidewalks, sidewalks with tree-root damage, sidewalks sunken by unstable subsurface conditions, and the upgrade of non-compliant pedestrian ramps. The program has been very successful in recent years and Public Works is continuing to refine and improve the program.

Figures shown below are tentative. Vendor selection process requires further discussion.*

Expenditure Schedule									
Cost Elements	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	TOTAL			
Design / Engineering									
Site Costs									
Construction / Building Improv.	333,139	250,000	250,000	250,000	250,000	1,333,139			
Furniture / Equipment				- 1		-			
Other	1					-			
Contingency						_			
Total	333,139	250,000	250,000	250,000	250,000	\$1,333,139			

Funding Source(s) / Notations

CDBG ramps/CBDG walks/LOCIP/General fund

Project Title: Trench Program	Activity/Department: Public Works
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Description / Purpose / Justification

Justification: The Public Works Department is charged with administering the City's Annual Paving Program. Under the Trench Program, the Public Works goal is repair utility trenches made by private contractors over the course of the previous year.

Figures shown below are tentative. Vendor selection process requires further discussion.*

		penditure S		EV 2022	FY 2023	TOTAL
Cost Elements	FY 2019	FY 2020	FY 2021	FY 2022	F1 2023	IOIAL
Design / Engineering						
Site Costs						
Construction / Building Improv.	250,000	250,000	250,000	250,000	250,000	1,250,000
Furniture / Equipment						
Other						
Contingency						C1 050 000
Total	250,000	250,000	250,000	250,000	250,000	\$1,250,000

Funding Source(s) / Notations

Self funded through Permit fee Revenue

Project Title: Pavement Marking Maintenance Activity/Department: Public Works

Description / Purpose / Justification

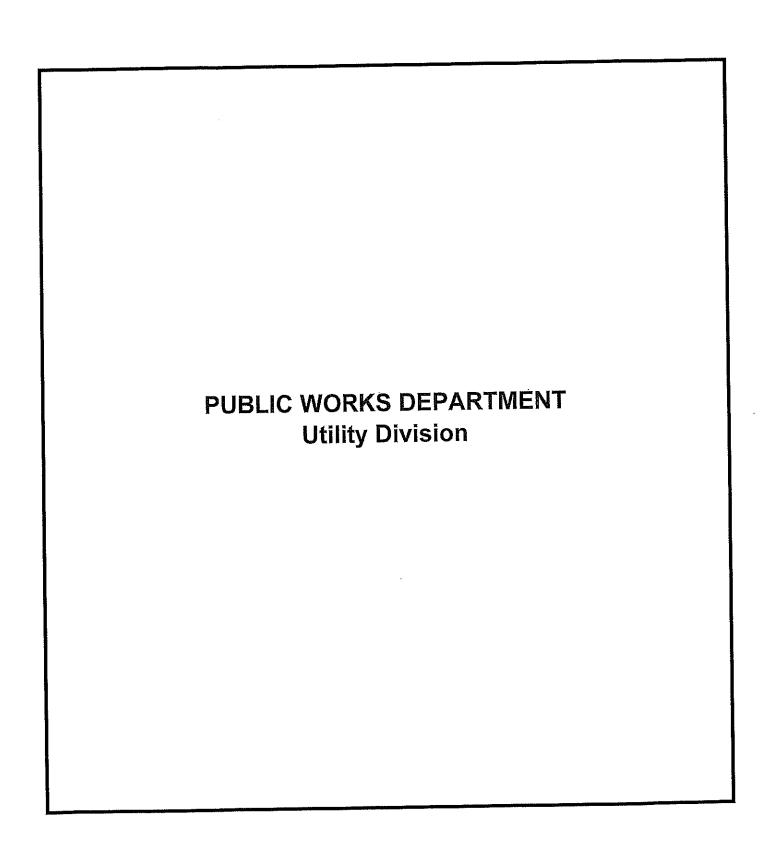
Justification: The Public Works Department is charged with administering the City's Annual Paving Program. The Pavement Marking Maintenance program is a component of the Paving Program. Under this program the Public Works goal is to manage the City's pavement markings by developing and implementing a program to maintain pavement markings on City Streets.

Figures shown below are tentative. Vendor selection process requires further discussion.*

Expenditure Schedule									
FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	TOTAL				
		·							
					-				
50,000	50,000	50,000	50,000	50,000	250,000				
i i									
50,000	50,000	50,000	50,000	50,000	\$250,000				
	FY 2019 50,000	FY 2019 FY 2020 50,000 50,000 50,000 50,000	FY 2019 FY 2020 FY 2021 50,000 50,000 50,000 50,000 50,000 50,000	FY 2019 FY 2020 FY 2021 FY 2022 50,000 50,000 50,000 50,000 50,000 50,000 50,000 50,000	FY 2019 FY 2020 FY 2021 FY 2022 FY 2023 50,000 50,000 50,000 50,000 50,000 1 1 1 1 1 2 1 1 1 1 3 1 1 1 1 4 1 1 1 1				

Funding Source(s) / Notations

LOCIP/Future Infrastructure Bond increase



Project Title: EPA CMOM General Compliance Activity/Department: Utility Division, Sewer

Description / Purpose / Justification

Justification: The City of New Britain and the U.S. Environmental Protection Agency entered into an Order on Consent for a Capacity, Management, Operation and Maintenance ("CMOM") Program Self-Assessment of the City's Sanitary Sewer Collection System; and,

the City must prepare and implement an emergency response plan for sanitary sewer overflows, a sanitary sewer inflow and infiltration control plan, a fats, oils and grease (FOG) control program, a self-assessment and corrective action plan of the sanitary sewer collection system, a CMOM program manual specific to the City of New Britain and finally a CMOM program implementation annual report. The City shall conduct extensive field work that includes isolation flow monitoring, closed circuit television inspection, man hole inspections, smoke testing, building inspections and dye testing of the sewer pipe system. This will help to determine if the sewer infrastructure is undersized or underutilized pipe networks may exist in the collection system. The results will help determine if the system will need replacement of larger pipes to relieve any future backups in the system. The City will then develop recommendations that include overflow structure reconfigurations, pipe lining, pipe replacement and or any private service disconnection and the budget to make the needed repairs.

Figures shown below are tentative, Vendor selection process requires further discussion.*

Expenditure Schedule								
Cost Elements	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	TOTAL		
Design / Engineering								
Site Costs						_		
Construction / Building Improv.	500,000	350,000	350,000	350,000	350,000	1,900,000		
Furniture / Equipment			:			-		
Other						p.		
Contingency								
Total	500,000	350,000	350,000	350,000	350,000	\$1,900,000		
					CONTRACTOR OF THE PROPERTY OF			

Functing Source(s) / Notations

Sewer Budget

and Infiltration Elimination Projects

Description / Purpose / Justification

Justification: The City of New Britain and the U.S. Environmental Protection Agency entered into an Order on Consent for a Capacity, Management, Operation and Maintenance ("CMOM") Program Self-Assessment of the City's Sanitary Sewer Collection System; and,

the City must prepare and implement an emergency response plan for sanitary sewer overflows, a sanitary sewer inflow and infiltration control plan, a fats, oils and grease (FOG) control program, a self-assessment and corrective action plan of the sanitary sewer collection system, a CMOM program manual specific to the City of New Britain and finally a CMOM program implementation annual report. The City shall conduct extensive field work that includes isolation flow monitoring, closed circuit television inspection, man hole inspections, smoke testing, building inspections and dye testing of the sewer pipe system. This will help to determine if the sewer infrastructure is undersized or underutilized pipe networks may exist in the collection system. The results will help determine if the system will need replacement of larger pipes to relieve any future backups in the system. The City will then develop recommendations that include overflow structure reconfigurations, pipe lining, pipe replacement and or any private service disconnection and the budget to make the needed repairs.

Figures shown below are tentative. Vendor selection process requires further discussion.*

			7,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,		
<u> </u>	penditure S	chedule			
FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	TOTAL
					44.000.000
3,200,000	2,000,000	2,000,000	2,000,000	2,000,000	11,200,000
				·	
			2 222 222	0.000.000	\$11,200,000
3,200,000				- State of the sta	
	FY 2019 3,200,000 3,200,000	Expenditure S FY 2019 FY 2020 3,200,000 2,000,000 3,200,000 2,000,000	Expenditure Schedule FY 2019 FY 2020 FY 2021 3,200,000 2,000,000 2,000,000 3,200,000 2,000,000 2,000,000 3,200,000 2,000,000 2,000,000	Expenditure Schedule FY 2019 FY 2020 FY 2021 FY 2022 3,200,000 2,000,000 2,000,000 2,000,000 3,200,000 2,000,000 2,000,000 2,000,000 3,200,000 2,000,000 2,000,000 2,000,000	FY 2019 FY 2020 FY 2021 FY 2022 FY 2023 3,200,000 2,000,000 2,000,000 2,000,000 2,000,000

Funding Source(s) / Notations

Sewer Bond/Sewer Budget

Project Title: MS4 Illicit Discharge and Activity/Department: Utility Division, Sewer Correction

Description / Purpose / Justification

Justification: The City will conduct inspections of the storm water drainage system where illicit discharges may have occurred. At the sites they will obtain samples of the water and soils and have them tested by a state-certified Environmental Testing Laboratory. Once the illicit discharge has been isolated to a reach of storm drainage between two manholes, the source shall be identified using video inspection and dye testing. The City will also prepare any required annual reports for submittal to the Connecticut Department of Energy and Environmental (DEEP) and the United States Environmental Protection Agency (EPA). Costs of abatement of violations shall be in accordance with City Ordinance Sec. 23-30(q).

Figures shown below are tentative. Vendor selection process requires further discussion.*

L 15 W CB ONO WITE	ocion are tematin	c. renuor setec	non process re	gun es jui inci	awang tore				
Expenditure Schedule									
Cost Elements	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	TOTAL			
Design / Engineering						-			
Site Costs	$\overline{}$			I		-			
Construction / Building Improv.	100,000	100,000	100,000	100,000	100,000	500,000			
Furniture / Equipment						-			
Other									
Contingency				Ī					
Total	100,000	100,000	100,000	100,000	100,000	\$500,000			
	Fundir	ng Source(s) / Notation	IS.					

Storm Water Improvement Bond/Sewer Budget

Project Title: EPA MS4 Compliance Activity/Department: Utility Division, Sewer

Description / Purpose / Justification

Justification: The General Permit for the Discharge of Stormwater from Small Municipal Separate Storm Sewer Systems (MS4 General Permit) is the product of a mandate by the U.S. Environmental Protection Agency (USEPA) as part of its Stormwater Phase II rules in 1999. This general permit requires each municipality to take steps to keep the stormwater entering its storm sewer systems clean before that stormwater enters water bodies.

Figures shown below are tentative. Vendor selection process requires further discussion.*

Figures shown	below are tentativ			guires jurinei	иысивыст.	
	Ex.	penditure S	Schedule			
Cost Elements	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	TOTAL
Design / Engineering						
Site Costs						-
Construction / Building Improv.	200,000	100,000	100,000			400,000
Fumiture / Equipment						-
Other						-
Contingency						1-
Total	200,000	100,000	100,000		•	\$400,000
	Fundii	ng Source(s) / Notation	18		

Storm Water Improvement Bond

Project Title: Replace Filter Plant SCADA Activity/Department: Water Department hardware and software (Priority)

Description / Purpose / Justification

Justification: The existing computers and software have been in use for twelve years and are on the verge of being obsolete. Upgrades to both hardware and software will allow for the continued operation of the facility as well as improved efficiency, the expansion of the computer network thus allowing for additional control and monitoring of pump stations, tanks and raw water supplies.

Figures shown below are tentative. Vendor selection process requires further discussion.*

Expenditure Schedule									
FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	TOTAL				
169,000					169,000				
	500,000				500,000				
					-				
					•				
169,000	500,000	₩	-	_	\$669,000				
	FY 2019 169,000	Expenditure: FY 2019 FY 2020 169,000 500,000	FY 2019 FY 2020 FY 2021 169,000 500,000	Expenditure Schedule FY 2019 FY 2020 FY 2021 FY 2022 169,000 500,000	Expenditure Schedule FY 2019 FY 2020 FY 2021 FY 2022 FY 2023 169,000 500,000 9				

Funding Source(s) / Notations

Project Title: Lower Whites Bridge Wellfield	Activity/Department: Water Department
Improvements and Redevelopment	
	i

Description / Purpose / Justification

Justification: This well field was last redeveloped in 1982. The wells are an important source of supply and need to be redesigned from the 1930/s original design to operate in a more productive manner. The work may require that some wells be re-drilled to restore the wellfield's pumping capacity. Extensive pump testing will also be done to determine if the wells are under the influence of surface waters and to determine a design that maximizes production, flexibility and efficiency.

Figures shown below are tentative. Vendor selection process requires further discussion.*

Expenditure Schedule								
Cost Elements	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	TOTAL		
Design / Engineering	700,000					700,000		
Site Costs				·	· ·	-		
Construction / Building Improv.		2,800,000				2,800,000		
Furniture / Equipment						-		
Other						-		
Contingency						\$3,500,000		
Total	700,000	2,800,000		-		The second developer of the state of the sta		

Funding Source(s) / Notations

Description / Purpose / Justification

Justification: The six pumps at the Whites Bridge Pond pumping station were installed in the 1920's. While still in operation they are inefficient, obsolete and cannot pump their rated capacity of three million gallons per day. The pumps need to be replaced with electrically efficient motors. Additionally the pond intake structure needs to upgraded.

Figures shown below are tentative. Vendor selection process requires further discussion.*

Expenditure Schedule								
Cost Elements	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	TOTAL		
Design / Engineering	291,280					291,280		
Site Costs						-		
Construction / Building Improv.		1,960,864				1,960,864		
Furniture / Equipment						-		
Other			***			-		
Contingency						-		
Total	291,280	1,960,864	-	-		\$2,252,144		

Funding Source(s) / Notations

Project Title: Batterson Park Rd from New Britain **Activity/Department:** Water Department Town Line to 2 Mile Road

Description / Purpose / Justification

Justification: The water main project listed is proposed to strengthen the City distribution system by eliminating two dead ends which will improve the system's drinking water quality.

Figures shown below are tentative. Vendor selection process requires further discussion.*

	Ex	penditure S	chedule			
Cost Elements	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	TOTAL
Design / Engineering	50,000					50,000
Site Costs						-
Construction / Building Improv.		000,000				600,000
Fumiture / Equipment		l l				
Ofher						
Contingency						\$650,000
Total	50,000	600,000	. н	-		\$650,000

Funding Source(s) / Notations

Project Title: West Canal Leakage abatement 2,000 If of 30" pipe

Activity/Department: Water Department 2,000 If of 30" pipe

Description / Purpose / Justification

Justification: The homeowners in the area of Birchwood Drive and Pond View Road are experiencing seepage/groundwater problems, however the canal is not the only source of groundwater and not the direct cause of these problems. The water main project listed is proposed to reduce the overall amount of flow, but may not totally solve the problems for the homeowners.

Figures shown below are tentative. Vendor selection process requires further discussion.*

Expenditure Schedule								
Cost Elements	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	TOTAL		
Design / Engineering			•			-		
Site Costs						-		
Construction / Building Improv.	8,474	551,563				560,037		
Furniture / Equipment								
Other						*		
Contingency						-		
Total	8,474	551,563	-	-		\$560,037		
	Fundi	ng Source(s) / Notatio	ins				

. . .

Water Fund Capital Account

Project Title: 8th Street-Newington From Monte Vista to Hazelmere CT-6" **Activity/Department:** Water Department

Description / Purpose / Justification

Justification: The water main renewal listed is a proposed asset management project. This particular section of water pipe has a history of three or more breaks within one thousand feet or less.

Figures shown below are tentative. Vendor selection process requires further discussion.*

		xpenditure		FY 2022	FY 2023	TOTAL
Cost Elements	FY 2019	FY 2020	FY 2021	F1 2022	11 2023	10171
Design / Engineering						
Site Costs						59,850
Construction / Building Improv.				59,850		37,830
Furniture / Equipment						
Oiher			<u></u>			
Contingency				50.050		\$59,850
Total	-	•	<u> </u>	59,850		337,630

Funding Source(s) / Notations

Project Title: Wynola Ave From Sheryl to East St- **Activity/Department:** Water Department 6"

Description / Purpose / Justification

Justification: The water main renewal listed is a proposed asset management project. This particular section of water pipe has a history of three or more breaks within one thousand feet or less.

Figures shown below are tentative. Vendor selection process requires further discussion.*

Expenditure Schedule									
Cost Elements	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	TOTAL			
Design / Engineering					ì	-			
Site Costs						-			
Construction / Building Improv.				145,350		145,350			
Furniture / Equipment						-			
Other						-			
Contingency						-			
Total	-	-	-	145,350	-	\$145,350			

Funding Source(s) / Notations

Project Title: Arch St from SM Ave to Ellis St - 6" Activity/Department: Water Department

Description / Purpose / Justification

Justification: The water main renewal listed is a proposed asset management project. This particular section of water pipe has a history of three or more breaks within one thousand feet or less.

Figures shown below are tentative. Vendor selection process requires further discussion.*

		xpenditure			=V 2002	
Cost Elements	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	TOTAL
Design / Engineering						
Site Costs				100.007		129,327
Construction / Building Improv.				129,327		127,027
Furnifure / Equipment						
Other						
Contingency				129,327		\$129,327
Total		ing Source				

Funding Source(s) / Notations

Project Title: Stanley Street From Chestnut to	Activity/Department: Water Department
East Main - 6"	

Description / Purpose / Justification

Justification: The water main renewal listed is a proposed asset management project. This particular section of water pipe has a history of three or more breaks within one thousand feet or less.

Figures shown below are tentative. Vendor selection process requires further discussion.*

Expenditure Schedule							
Cost Elements	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	TOTAL	
Design / Engineering						-	
Site Costs							
Construction / Building Improv.				207,766		207,766	
Furniture / Equipment						-	
Other						-	
Contingency						-	
Total	-	•	1	207,766	-	\$207,766	

Funding Source(s) / Notations

Project Title: East St from Sunrise Ave to City	Activity/Department: Water Department
Ave - 6"	

Description / Purpose / Justification

Justification: The water main renewal listed is a proposed asset management project. This particular section of water pipe has a history of three or more breaks within one thousand feet or less.

Figures shown below are tentative. Vendor selection process requires further discussion.*

(6.5.3)	E	xpenditure	Schedule			
Cost Elements	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	TOTAL
Design / Engineering						
Site Costs						198,277
Construction / Building Improv.				198,277		[70,277
Furniture / Equipment						
Other						
Contingency				198,277		\$198,277
Total	-	-	-			Ÿ.14/=
	Fune	ing Source	(s) / Notatio	ns		

RESIDENCE RELEASE OF THE PROPERTY OF THE PROPE

Project Title: Yeaton Street From F	armington	Activity/Department:	Water Department
Ave to Lurton St - 6"			·

Description / Purpose / Justification

Justification: The water main renewal listed is a proposed asset management project. This particular section of water pipe has a history of three or more breaks within one thousand feet or less.

Figures shown below are tentative. Vendor selection process requires further discussion.*

Expenditure Schedule						
Cost Elements	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	TOTAL
Design / Engineering				i		-
Site Costs						
Construction / Building Improv.				135,493		135,493
Furniture / Equipment						
Other						-
Confingency						· · · · · · · · · · · · · · · · · · ·
Total	-	-	-	135,493	-	\$135,493

Funding Source(s) / Notations

Project Title: Farmington Ave From Lurton to	Activity/Department: Water Department
Town Line- 8"	

Description / Purpose / Justification

Justification: The water main renewal listed is a proposed asset management project. This particular section of water pipe has a history of three or more breaks within one thousand feet or less.

Figures shown below are tentative. Vendor selection process requires further discussion.*

		xpenditure FY 2020	FY 2021	FY 2022	FY 2023	TOTAL
Cost Elements	FY 2019	F1 2020	[] 202 [112022		
Design / Engineering						
Site Costs						191,653
Construction / Building Improv.				191,653		171,033
Furniture / Equipment						
Other						
Contingency				101 (50		\$191,653
Total	-		-	191,653		\$171,000

R THE THE PARTY OF THE PARTY OF

Project Title: Clinton St From Bond to Corbin VE- **Activity/Department:** Water Department 14"

Description / Purpose / Justification

Justification: The water main renewal listed is a proposed asset management project. This particular section of water pipe has a history of three or more breaks within one thousand feet or less.

Figures shown below are tentative. Vendor selection process requires further discussion.*

	<u>_</u>	xpenditure	Schedule			
Cost Elements	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	TOTAL
Design / Engineering						-
Site Costs						-
Construction / Building Improv.				387,600		387,600
Furniture / Equipment					· · · · · · · · · · · · · · · · · · ·	
Other						+
Contingency						
Total	-	-	~	387,600	_	\$387,600
	Fund	ng Source	s) / Notatio	កន		

Project Title: Eddy Glover From Mcclintock to	Activity/Department: Water Department
Francis St - 6"	

Description / Purpose / Justification

Justification: The water main renewal listed is a proposed asset management project. This particular section of water pipe has a history of three or more breaks within one thousand feet or less.

Figures shown below are tentative. Vendor selection process requires further discussion.*

		xpenditure	FY 2021	FY 2022	FY 2023	TOTAL
Cost Elements	FY 2019	FY 2020	F1 2021	11 2022	112020	
Design / Engineering						
Site Costs						0.44 804
Construction / Building Improv.				241,838		241,838
Furniture / Equipment						
Other						
Contingency						\$241,838
Total	-	•	-	241,838	•	\$241,830

Funding Source(s) / Notations

Project Title: Cleveland From Myrtle to Broad St **Activity/Department**: Water Department 6"

Description / Purpose / Justification

Justification: The water main renewal listed is a proposed asset management project. This particular section of water pipe has a history of three or more breaks within one thousand feet or less.

Figures shown below are tentative. Vendor selection process requires further discussion.*

Expenditure Schedule						
Cost Elements	2018	2019	2020	2021	2022	TOTAL
Design / Engineering						
Site Costs						•
Construction / Building Improv.					240,251	240,251
Furniture / Equipment						•
Other						
Contingency						-
Total	-		-	-	240,251	\$240,251

Funding Source(s) / Notations

Project Title: Lawlor From North St to East Lawlor	Activity/Department: Water Department
- 6"	

Description / Purpose / Justification

Justification: The water main renewal listed is a proposed asset management project. This particular section of water pipe has a history of three or more breaks within one thousand feet or less.

Figures shown below are tentative. Vendor selection process requires further discussion.*

Cost Elements	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	TOTAL
Design / Engineering						
Site Costs	·					180.00
Construction / Building Improv.					178,208	178,20
Furniture / Equipment						
Other						
Contingency					170 000	\$178,20
Total	-	-]	178,208	\$178,20

Funding Source(s) / Notations

Project Title: South Main Street From South St to **Activity/Department:** Water Department Veterans Drive - 6"

Description / Purpose / Justification

Justification: The water main renewal listed is a proposed asset management project. This particular section of water pipe has a history of three or more breaks within one thousand feet or less.

Figures shown below are tentative. Vendor selection process requires further discussion.*

Expenditure Schedule						
Cost Elements	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	TOTAL
Design / Engineering						
Site Costs						
Construction / Building Improv.					193,197	193,197
Furniture / Equipment						
Other						
Contingency						
Total	-	-	-	•	193,197	\$193,197

Funding Source(s) / Notations

Project Title: High Street From Brown to Biruta St	Activity/Department: Water Department
6"	

Description / Purpose / Justification

Justification: The water main renewal listed is a proposed asset management project. This particular section of water pipe has a history of three or more breaks within one thousand feet or less.

Figures shown below are tentative. Vendor selection process requires further discussion.*

		xpenditure	<u>ornegne</u>			1074
Cost Elements	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	TOTAL
Design / Engineering						
Site Costs						
Construction / Building Improv.					149,021	149,021
Furniture / Equipment						
Other						
Contingency						C7.40.00°
Total	-	"	_		149,021	\$149,021

Funding Source(s) / Notations

Project Title: East St Fron Dwight St- 6"	n Newington	Ave to	Activity/De	epartment: '	Water Depo	artment
	Descrip	fion / Purpo	se / Justific	alion		
Justification: The water m section of water pipe has						
Figures shown	below are tentati	ive. Vendor sele	ection process 1	requires further	discussion.*	
		xpenditure	<u>Schedule</u>			
Cost Elements	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	TOTAL
Design / Engineering						

Funding Source(s) / Notations

127,100

\$127,100

127,100

127,100

Site Costs

Other

Total

Contingency

Construction / Building Improv.

Furniture / Equipment

Project Title: Myrtle St From Curtis to Burritt - 8" Activity/Department: Water Department

Description / Purpose / Justification

Justification: The water main renewal listed is a proposed asset management project. This particular section of water pipe has a history of three or more breaks within one thousand feet or less.

Figures shown below are tentative. Vendor selection process requires further discussion.*

Cost Elements	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	TOTAL
Design / Engineering						
Site Costs						704.07
Construction / Building Improv.					184,077	184,07
Furniture / Equipment						
Other						
Contingency					184,077	\$184,07
Total	-	-			184,077	\$104,07

Funding Source(s) / Notations

Project Title: Fulton St From Edgewood Ave to **Activity/Department:** Water Department 71 Fulton St- 6"

Description / Purpose / Justification

Justification: The water main renewal listed is a proposed asset management project. This particular section of water pipe has a history of three or more breaks within one thousand feet or less.

Figures shown below are tentative. Vendor selection process requires further discussion.*

Expenditure Schedule							
Cost Elements	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	TOTAL	
Design / Engineering		·				-	
Site Costs						-	
Construction / Building Improv.				>	183,670	183,670	
Furniture / Equipment							
Other				*·		-	
Contingency							
Total	-	_	*		183,670	\$183,670	

Funding Source(s) / Notations

Project Title: East St From Woodland To East Main St - 6"	Activity/Department: Water Depart	lment

Description / Purpose / Justification

Justification: The water main renewal listed is a proposed asset management project. This particular section of water pipe has a history of three or more breaks within one thousand feet or less.

Figures shown below are tentative. Vendor selection process requires further discussion.*

Cost Elements	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	TOTAL
Design / Engineering						
Site Costs						100.07
Construction / Building Improv.					198,277	198,27
Furniture / Equipment						
Other						
Contingency					198,277	\$198,27
Total		ing Source	-		170,277	

Project Title: Court St From Main To South High	Activity/Department: Water Department
St- 6"	

Description / Purpose / Justification

Justification: The water main renewal listed is a proposed asset management project. This particular section of water pipe has a history of three or more breaks within one thousand feet or less.

Figures shown below are tentative. Vendor selection process requires further discussion.*

Expenditure Schedule							
Cost Elements	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	TOTAL	
Design / Engineering				<u> </u>		-	
Site Costs							
Construction / Building Improv.					106,029	106,029	
Furniture / Equipment						-	
Other						-	
Contingency							
Total	•	•	-	-	106,029	\$106,029	

Funding Source(s) / Notations

	L VV de d'One entrocent
Project Title: Roundhill Road From Steele St. To	Activity/Department: Water Department
End -8"	

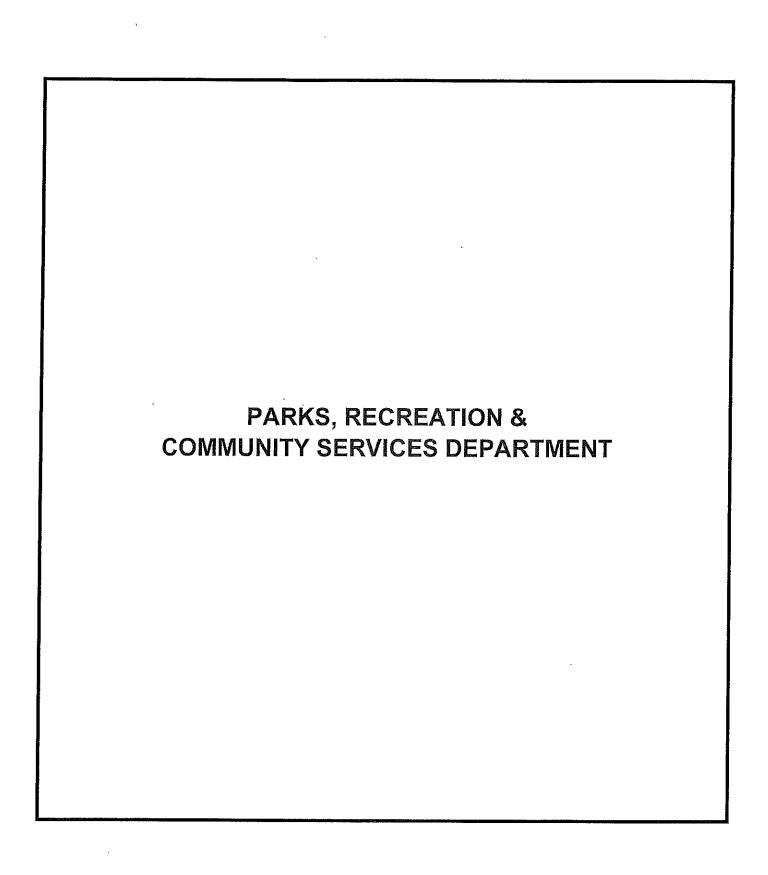
Description / Purpose / Justification

Justification: The water main renewal listed is a proposed asset management project. This particular section of water pipe has a history of three or more breaks within one thousand feet or less.

Figures shown below are tentative. Vendor selection process requires further discussion.*

		xpenditure FY 2020	FY 2021	FY 2022	FY 2023	TOTAL
Cost Elements	FY 2019	F1 2020	112021	11 2022		
Design / Engineering						
Site Costs					178,790	178,790
Construction / Building Improv.					176,770	
Furniture / Equipment					<u> </u>	
Other					<u> </u>	
Contingency					178,790	\$178,790
Total	-	-	-		170,770	The state of the s

Funding Source(s) / Notations



Project Title: A. W. Stanley Park Installation of Musco Sporting Lighting and Control Link

Activity/Department: Parks, Recreation and Community Services

Description: / Purpose / Justification

Justification: This project will include Installation of Musco Sport Lighting of greener technology and Control Link; including poles, ballast/light fixtures and all electrical work rquired for proper installation.

Figures shown below are tentative. Vendor selection process requires further discussion.*

1' igures sitomi oc	city are initiative					
	Ex	penditure	Schedule			
Cost Elements	2019	2020	2021	2022	2023	TOTAL
Design / Engineering						
Site Costs						
Construction / Building Improv.						
Furniture / Equipment					<u> </u>	
Other					ļ	
Contingency						\$150,000
Total	150,000		,			\$150,000
	Fundir	ig Source	s) / Notatio	ons		

Future LOCIP/Bonding

Project Title: Stanley Quarter Park Dam Repair
/Full Depth Dredge

Activity/Department: Parks, Recreation and Community Services

Description / Purpose / Justification

Justification: The Stanley Quarter Park Dam Repair/Full Depth Dredge project will include architectural and engineering work, landscape design and implementation, disposal of soils (both toxic and non-toxic), full depth dredge of pond, and structural repair of dam.

Figures shown below are tentative. Vendor selection process requires further discussion.*

Expenditure Schedule						
Cost Elements	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	TOTAL
Deslgn / Engineering						
Site Costs						
Construction / Building Improv.						
Furniture / Equipment						
Other						
Contingency	i					
Total	1,200,000		-	_	-	\$1,200,00

Funding Source(s) / Notations

Future LOCIP/Bonding/State and/or Federal Grant

Hojeci mic. Hambi im i am i am	Activity/Department: Parks, Recreation and Community Services
Reconstruction	

Description/Purpose/Justification

Justification: The surfaces of the four tennis courts need to be replaced. The Walnut Hill Park courts are heavilty utilized by the citizens and by the Recreation Division for all of their tennis lessons and league play. The project will include demolition of the existing courts, installation of drainage, post tension concrete playing surface, painting and lining of surfaces, fence work, net posts, disposal of previous posts, rehabilitation of stone pillars and all other necessary components.

Figures shown below are tentative. Vendor selection process requires further discussion.*

Expenditure Schedule						
Cost Elements	2019	2020	2021	2022	2023	TOTAL
Design / Engineering						
Site Costs						
Construction / Building Improv.						
Furniture / Equipment						
Other						
Contingency						\$500,00
Total	500,000					\$300,00

Funding Source(s) / Notations

LOCIP/Bonding/Grants

Project Title: Willow Brook Park Tennis Court	Activity/Department: Parks, Recreation and
Reconstruction	Community Services

Description / Purpose / Justification

Justification: The surfaces of the six tennis courts need to replaced. The courts are located adjacent to New Britain High School and are used by the high school tennis team and physical education classes, the Parks and Recreation summer camps and by the general public. This project will include demolition of the existing courts, installation of drainage, playing surface, painting and lining of surfaces, fence work, net posts and other necessary components.

Figures shown below are tentative. Vendor selection process requires further discussion.*

Expenditure Schedule						
Cost Elements	2019	2020	2021	2022	2023	TOTAL
Design / Engineering						
Site Costs		,				
Construction / Building Improv.						-
Fumiture / Equipment						-
Other						-
Confingency				-		-
Total	500,000		-	~	-	\$500,000
	AND THE RESIDENCE OF THE PARTY					A STATE OF THE PROPERTY OF THE

Funding Source(s) / Notations

LOCIP/Bonding/Grants

Project Title: ADA Compliance Various Parks

Activity/Department: Parks, Recreation and Community Services

Description / Purpose / Justification

Justification: This is a program that is in its 24th year utilizing a combination of Community Development Funds and LOCIP.

Projects include handicap parking, curb cuts, and ramps to facilities, special drinking fountains, restrooms, swimming pools and bathhouses. Upgrade electric and plumbing systems. Includes construction to conform to all applicable federal, state and local handicap accessible applications.

Figures shown below are tentative. Vendor selection process requires further discussion.*

	Ext	oenditure So	chedule			
Cost Elements	2019	2020	2021	2022	2023	TOTAL
Design / Engineering						-
Site Costs						
Construction / Building Improv.						
Furniture / Equipment						
Other						
Contingency				7.50.000	150,000	\$750,000
Total	150,000	150,000	150,000	150,000	150,000	J, 50,000
	Fundin	g Source(s) / Notation	S		

Future LOCIP/CDBG

	Project Title: A.W. Stanley Park	Activity/Department: Parks,
	Lower Pond Full Depth Dredge	Recreation and Community
		Services
ĺ	Description / Purp	ose / Justification

Justification: The A.W. Stanley Park Lower Pond Full Depth Dredge project will include architectural and engineering work, landscape design and implementation, disposal of soils (both toxic and non-toxic), and full depth dredge of pond.

Figures shown below are tentative. Vendor selection process requires further discussion.*

Expenditure Schedule						
Cost Elements	2019	2020	2021	2022	2023	TOTAL
Design / Engineering						-
Site Costs						
Construction / Building						
Furniture / Equipment						
Other						-
Confingency						
Tofal	-	1,500,000	*	-	_	\$1,500,000

Funding Source(s) / Notations

LOCIP/BONDING/State and/or Federal Grant

MECHINO, GIGINO, GOS. 12.	Activity/Department: Parks, Recreation and
Court Reconstruction and Lights	Community Services

Description / Purpose / Justification

Justification: The basketball courts outlived their usefull life and are in need of replacement and there is currently no lighting. This project will replace the courts with post-tension concrete, include the installation of lighting, new posts and goals, and all other necessary improvements.

Figures shown below are tentative. Vendor selection process requires further discussion.*

		xpenditure S	chedule			
Cost Elements	2019	2020	2021	2022	2023	TOTAL
Design / Engineering						
Site Costs						
Construction / Building Improv.						
Furniture / Equipment						
Other						
Contingency						\$300,000
Total	-	300,000				45575
	Func	ing Source(s	<u>) / Notatic</u>	ns		

Future LOCIP/Bonding

Project Title: Washington Park Basketball Court Reconstruction and Lights	Activity/Department: Parks, Recreation and Community Services				
Description / Purpose / Justification					
Justification: The basketball courts outlived their uset	full life and are in need of replacement and the				

Justification: The basketball courts outlived their usefull life and are in need of replacement and the lighting is currently not operational. This project will replace the courts with post-tension concrete and repair the existing lighting.

Figures shown below are tentative. Vendor selection process requires further discussion.*

	E	xpenditure S	chedule			
Cost Elements	2019	2020	2021	2022	2023	TOTAL
Design / Engineering						
Site Costs			***************************************			-
Construction / Building Improv.						
Furniture / Equipment						
Other				Ì.		-
Contingency						_
Total	-	300,000	,	È	-	\$300,000
	Fund	ing Source(s) / Notatio	ins		

Future LOCIP/Bonding/CDBG

Project Title: A.W. Stanley Park | Activity/Department: Parks, Recreation and Community Repairs to Chalet Building Services Description / Purpose / Justification Justification: Repairs include roofing, windows, flooring, insulation/winterization, electrical and lighting upgrades and other related repairs as needed. Figures shown below are tentative. Vendor selection process requires further discussion.* Expenditure Schedule TOTAL 2023 2022 2020 2019 Cost Elements Design/ Site Costs Construction / Furniture /

Funding Source(s) / Notations

\$300,000

Other Conlingency

Total

LOCIP/Bonding/A.W. Stanley Trust

Project Title: Stanley Quarter Park Renovate
Soccer Field with Artificial Turfs

Activity/Department: Parks, Recreation and
Community Services

Description / Purpose / Justification

Justification: These fields were constructed in 1997. They are used all year by New Britain High School, New Britain Youth Soccer and the general public. The installation of artificial turf will provide a more suitable playing surface for the extensive amount of use. The project will include removal of existing turf and topsoil. The existing drainage system will be improved and upgraded, relocate the on-field utilities, installation of control link lighting system, and install new goal posts. Install stone base and artificial turf playing surface.

Figures shown below are tentative. Vendor selection process requires further discussion.*

		xpenditure S	chedule			
Cost Elements	2019	2020	2021	2022	2023	TOTAL
Design / Engineering						
Site Costs						
Construction / Building Improv.						
Furniture / Equipment						_
Other						
Contingency						·
Total	-	4,000,000			-	\$4,000,000
	Fund	ing Source(s) / Notatio	ns -		

Future Bonding/LOCIP

Project Title: Stanley Golf Course - Back Nine	Activity/Department: Parks, Recreation and
Tavern Addition	Community Services Department

Description / Purpose / Justification

Justification: This project will increase the capacity of the restaurant and allow for better handicap accessibility of the City owned club house which was constructed in 1931. The project will address site work, structural modifications, utilities and other necessary components. ADA accessible entrances will be installed. This project will also create better visibility from Hartford Rd. and allow for more convenient access to the facility which will increase restaurant patronage.

Figures shown below are tentative. Vendor selection process requires further discussion.*

1 igures snown o	A CONTRACTOR OF THE PROPERTY O	xpenditure S				
Cost Elements	2019	2020	2021	2022	2023	TOTAL
Design / Engineering						
Site Costs						_
Construction / Building Improv.						
Furniture / Equipment						
Other						
Contingency				<u> </u>		0,100,000
Tofal	-	600,000				\$600,000

Funding Source(s) / Notations

Bonding/LOCIP/AW Stanley Trust Fund

Project Title: Willow Brook Park Re-pave/Re-line	Activity/Department: Parks, Recreation and
Parking Lot and Fence	Community Services

Description / Purpose / Justification

Justification: Re-pave and re-line the parking lot and John Karbonic Way, the road that goes through Willow Brook Park. This parking lot and road are used daily. The facilities are a primary attraction for many state wide events that attract several hundred thousand spectators every year. The pavement is deteriorating in many areas. Completion of black vinyl fence around perimeter of Veterans Stadium.

Figures shown below are tentative. Vendor selection process requires further discussion.*

Expenditure Schedule							
Cost Elements	2019	2020	2021	2022	2023	TOTAL	
Design / Engineering							
Site Costs				:			
Construction / Building Improv.							
Furniture / Equipment				"			
Other							
Contingency						-	
Total	-		2,000,000	-	_	\$2,000,000	

Funding Source(s) / Notations

Future Bonding/LOCIP/CDBG

Project Title: Martha Hart Park Full Depth Pond Activity/Department: Parks, Recreation of	
	and
Oredge Community Services	

Description / Purpose / Justification

Justification: The Martha Hart Park Full Depth Pond Dredge project will include architectural and engineering work, landscape design and implementation, disposal of soils (both toxic and nontoxic), and full depth dredge of pond.

Figures shown below are tentative. Vendor selection process requires further discussion.*

	<u> </u>	xpenditure			0000	
Cost Elements	2019	2020	2021	2022	2023	TOTAL
Design / Engineering						
Site Costs						
Construction / Building Improv.						<u> </u>
Furniture / Equipment						
Other						
Contingency			7 000 000			\$1,300,000
Total	+	-	1,300,000			
	Fune	ing Source	(s) / Notation	15		

Future LOCIP/Bonding/ State and/or Federal Grant

Project Title: Chesley Park Master Plan	Activity/Department: Parks, Recreation and
Improvements	Community Services

Description / Purpose / Justification

Justification: This project will complete the Chesley Park Master Plan which started with the installation of artificial turf, splashpad, demolition and removal of the old pool. Features to be added/rehabilitated include, but are not limited to: basketball courts, handball courts, playground and swingsets, and potential increase in parking lot capacity.

Figures shown below are tentative. Vendor selection process requires further discussion.*

	E	xpenditure S	chedule			
Cost Elements	2019	2020	2021	2022	2023	TOTAL
Design / Engineering						
Site Costs						
Construction / Building Improv.						
Furniture / Equipment						
Other						ч
Contingency						
Total	-	1,500,000		,		\$1,500,0

Funding Source(s) / Notations

LOCIP/Bonding

roject Title: Senior Center Replacement of	Activity/Department: Parks, Recreation and
oiler System	Community Services

Description / Purpose / Justification

Justification: Replacement of the original boiler system in the Senior Center which is forty years old and has outlived its life expectancy.

Figures shown below are tentative. Vendor selection process requires further discussion.*

Cost Elements	2019	2020	2021	2022	2023	TOTAL
Design / Engineering						
Site Costs						
Construction / Building Improv.						
-urniture / Equipment						
Other						
Contingency				100,000	H	\$100.
Total	-		-	100,000	-	\$100,

Funding Source(s) / Notations

Future Bonding/CDBG

Project Title: New I Lamp Field Lights	Activity/Department: Parks, Recreation and Community Services					
			urpose / J	ustification		
Justification: Re-Lan	np Field Ligh	its				
Figures show	n below are te	ntative. Vend	or selection pr	ocess requires j	further discussi	ion.*
-			•	•		
		Expend	iture Schec	lule		
Cost Elements	2019	Expend 2020	iture Schec 2021	lule. 2022	2023	TOTAL
Design / Engineering	2019		_		2023	TOTAL -
Design / Engineering Site Costs	2019		_		2023	TOTAL
Design / Englineering Site Costs Construction / Building	2019		_		2023	TOTAL - -
Design / Engineering Site Costs	2019		_		2023	TOTAL - - -
Design / Englineering Site Costs Construction / Building	2019		_		2023	TOTAL - - -
Design / Engineering Site Costs Construction / Building Furniture / Equipment Other Contingency	2019		_		2023	TOTAL - - -
Design / Englineering Site Costs Construction / Building Furniture / Equipment Other	2019		_		2023	TOTAL -
Design / Engineering Site Costs Construction / Building Furniture / Equipment Other Contingency		2020	2021	2022	2023	-
Design / Engineering Site Costs Construction / Building Furniture / Equipment Other Contingency		2020	_	2022	2023	-
Design / Engineering Site Costs Construction / Building Furniture / Equipment Other Contingency		2020	2021	2022	2023	-
Design / Engineering Site Costs Construction / Building Furniture / Equipment Other Contingency		2020 unding Sou	2021	2022 100,000 Dialions	2023	-

Project Title: A.W. Stanley Park Reconstruct	Activity/Department: Parks, Recreation and
Little League Field	Community Services
	·

Description / Purpose / Justification

Justification: Renovate entire turf and clay areas. Renovations are to include site work, sub-surface drainage, strip existing surface and replace with suitable soil and infield mix, establish new turf, fencing, security system, garbage receptacles, team benches, bleachers and irrigation. Includes construction to conform to all applicable federal, state and local handicap accessible applications.

Figures shown below are tentative. Vendor selection process requires further discussion.*

Expenditure Schedule							
Cost Elements	2019	2020	2021	2022	2023		
Design / Engineering							
Site Costs							
Construction / Building Improv.						-	
Furniture / Equipment							
Other							
Contingency				0.55 0.00		\$250,000	
Total		-		250,000	-	η 250,000	
	Fund	ing Source	s) / Notatio	ons			

Future LOCIP/Bonding

Project Title: A.W. Stanley Park Shelter/Picnic Area

Activity/Department: Parks, Recreation and Community Services

Description / Purpose / Justification

Justification: Construct a picnic pavilion to accommodate large groups. Construction will include the pavilion structure, electric service, lighting, electric outlets, security system, permanent tables, grills and trash receptacles, parking area, rest room facilities and storage area. Includes construction to conform to all applicable federal, state and local handicap accessible applications.

Figures shown below are tentative. Vendor selection process requires further discussion.*

Expenditure Schedule								
Cost Elements	2019	2020	2021	2022	2023	TOTAL		
Design / Engineering						-		
Site Costs						-		
Construction / Building Improv.						-		
Furniture / Equipment						-		
Other						-		
Contingency						-		
Total	-	-	a .	250,000		\$250,000		
	Fundi	ng Source(s) / Notation	าร				

Future LOCIP/Bonding/A.W. Stanley Trust

Project Title: AW Stanley Park Construction of new playscape	Activity/Department: Parks, Recreation and Community Services

Description / Purpose / Justification

Justification: Construction of entire new handicapped accessible playscape to include rubber surface and 3-5 year old apparatus.

Figures shown below are tentative. Vendor selection process requires further discussion.*

Cost Elements	2019	2020	2021	2022	2023	TOTAL
	2017					
Design / Engineering						
Site Costs						
Construction / Building Improv.						
Furniture / Equipment						
Other						
Contingency				0.000		\$250,00
Total			-	250,000		\$250,00

Funding Source(s) / Notations

Future LOCIP/Bonding/A.W. Trust Fund

Project Title: Martha Har replacement; handicap playground with rubber	accessible	round	Activity/Department: Parks, Recreation an Community Services			
	Descrip	tion / Purpo	ose / Justific	alion		
Justification: Remove muk		_	d stone, insta	all edging, in	stall an ADA c	ompliant
rubber safety surface and	playscape at	pparatus.				
						:
	•					,
Figures shown l	helow are tentati	ive Vendor sel	ection process	requires further	r discussion *	
T. 12 m co ano mis c	con a coman	IVE, PERMOT BON	centon process .	egun os jan siro	Minomprovi.	
		xpenditure	Schedule			
Cost Elements	2019	2020	2021	2022	2023	TOTAL
Design / Engineering						+
Site Costs						
Construction / Building Improv.						_
Fumiture / Equipment						-
Other						-
Contingency						
Total	-	4	-	-	300,000	\$300,000
	Fund	ing Source	s) / Notatio	ns		
1						

	1- 1-
	Activity/Department: Parks, Recreation and
Reconstruction	Community Services

Description / Purpose / Justification

Justification: The surfaces of the four tennis courts need to be replaced. The Stanley Quarter courts are heavily utilized by the citizens as well as students of CCSU. The project will include demolition of the existing courts, installation of drainage, post tension concrete playing surface, painting and lining of surfaces, fence work, net posts, disposal of previous posts, and all other necessary components.

Figures shown below are tentative. Vendor selection process requires further discussion.*

Expenditure Schedule							
Cost Elements	2019	2020	2021	2022	2023	TOTAL	
Design / Engineering							
Site Costs							
Construction / Building Improv.							
Fumiture / Equipment							
Other							
Contingency						\$350,000	
Total		350,000	-	-			

Funding Source(s) / Notations

LOCIP/BONDING/State and/or Federal Grant

Project Title: Stanley Quarter Park Playground	Activity/Department: Parks, Recreation and
replacement; handicap accessible	Community Services
playaround with rubber surface	

Description / Purpose / Justification

Justification: Remove mulch, install drainage tile and stone, install edging, install an ADA compliant rubber safety surface and playscape apparatus.

Figures shown below are tentative. Vendor selection process requires further discussion.*

Cost Elements	2019	2020	2021	2022	2023	TOTAL
esign / Engineering						
ite Costs						
Construction / Building Improv.						
urniture / Equipment						
Other						
Contingency						\$300,
Total .	-	-	300,000			\$300,

Funding Source(s) / Notations

Future LOCIP

Project Title: Chesley Park Softball
Complex Diamond 1 Re-Lamp Field Lights
Activity/Department: Parks,
Recreation and Community Services

Description / Purpose / Justification

Justification: For Diamond 1, replace and re-aim field lighting with greener technology. The lighting system at this facility that was constructed in 1996 has reached the end of its life expectancy.

Figures shown below are tentative. Vendor selection process requires further discussion.*

Expenditure Schedule							
2019	2020	2021	2022	2023	TOTAL		
					-		
					-		
					-		
					-		
-	•	-	85,000	-	\$85,000		
		2019 2020	2019 2020 2021		2019 2020 2021 2022 2023		

Funding Source(s) / Notations

Future LOCIP

Project Title: Willow Brook Park: Playground	Activity/Department: Parks, Recreation and
replacement; handicap accessible	Community Services
playground with rubber surface	

Description / Purpose / Justification

Justification: Remove mulch, install drainage tile and stone, install edging, install an ADA compliant rubber safety surface at Willow Brook Park

Figures shown below are tentative. Vendor selection process requires further discussion.*

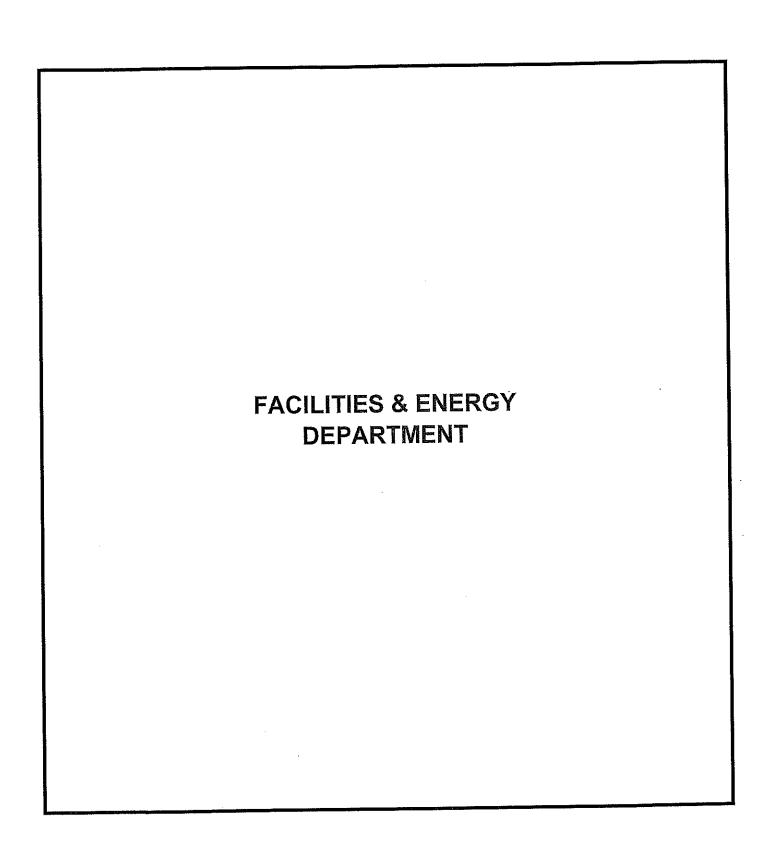
Expenditure Schedule								
Cost Elements	2019	2020	2021	2022	2023	TOTAL		
Design / Engineering								
Site Costs								
Construction / Building Improv.								
Furniture / Equipment								
Other								
Contingency								
Total	_	-	-	-	300,000	\$300,0		

Funding Source(s) / Notations

Future Bonding

Project Title: Osgood Par	k Master Pla	n	Activity/De	epartment:	Parks, Recrec	ation and
	Descrip	tion / Purpo	se / Justific	ation		
Justification: The Osgood F	ark Master P	lan project v	will include: d	construction	of a splash po	ıd and all
Figures shown be	low are tentati	ve. Vendor sele	ection process i	requires furthe	r discussion.*	
		xpenditure	Schedule			
Cost Elements	2019	2020	2021	2022	2023	TOTAL
Design / Engineering		·	:			-
Site Costs						_
Construction / Building Improv.						-
Fumiture / Equipment						-
Other						_
Contingency			,			-
Tofal	-	-	-	-	5,000,000	\$5,000,000
	Fundi	ing Source(s) / Notatio	ns		
\cdot						
	Futur	e Bondina/I	LOCIP/CDB	G		
	10101	o borraing,		0		

Figures shown l				requires furthe	r discussion.*	
		xpenditure		2022	2023	TOTAL
Cost Elements	2019	2020	2021	2022	2023	IOIAL
Design / Engineering						
Site Costs						
Construction / Building Improv.						
Furniture / Equipment						
Other						
Contingency						
Total	-	-	-	•	4,000,000	\$4,000,000
	Func	ling Source	s) / Notatio	ns		



Project Title: City Wide Elevator Modernizations | Department: Facilities & Energy

Description / Purpose / Justification

Justification: Upgrade electrical and mechanical apparatus associated with the elevator machine rooms, elevator shafts and elevator cars at City Hall Badolato Garage, Szcsesny Garage, and Blogoslawski Garage. These repairs are needed to keep the elevators in working order and to prevent entrapments. If these upgrades are not performed, more costly repairs will be required in the near future including emergency repairs. A total of eleven (11) elevators.

Figures shown below are tentative. Vendor selection process requires further discussion.*

Expenditure Schedule							
Cost Elements	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	TOTAL	
Design / Engineering							
Site Costs							
Construction / Building Improv.	000,000	600,000	600,000			1,800,000	
Furniture / Equipment							
Other						-	
Contingency							
Total	000,000	000,000	000,000	-	-	1,800,000	
					CONTRACTOR CONTRACTOR CONTRACTOR	and the same of th	

Funding Source(s) / Notations

LOCIP & Bond

LOCIP, Bond, Grant

Project Title: City Hall Energy Improvements Department: Facilities & Energy

Description / Purpose / Justification

Justification: City Hall will be replacing all existing lighting to LED Lighting as well as incorporating a Lighting Control System that will give the City more control and result in larger energy savings. City Hall will also be replacing the existing three (3) Roof-Top Units (RTUs) that are over ten (10) years past their life expectancy of fifteen (15) years. The new RTUs will be of higher efficiency and provide a more balanced HVAC system. The system would need to be properly commissioned and other miscellaneous equipment will need to be evluated for replacement in the future years including VAV Boexes and Burners. The project will be funded through a zero (0%), four year, interest loan; however, the more upfront capital will result in larger savings and reduced/quicker payback.

Figures shown below are tentative. Vendor selection process requires further discussion.*

Expenditure Schedule								
Cost Elements	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	TOTAL		
Design / Engineering								
Site Costs								
Construction / Building Improv.	181,000	150,000	150,000			481,000		
Fumiture / Equipment								
Other								
Contingency						101.000		
Total	181,000	150,000	150,000		-	481,000		

Funding Source(s) / Notations

LOCIP

LOCIP, Bond, Grant

Project Title: City Hall Interior Upgrades Department: Facilities & Energy

Description / Purpose / Justification

Justification: City Hall's interior has not received a significant upgrade since the original addition in 1990. This includes walls (wallpaper), floors (carpet), furniture (chairs and desks), and other miscellaneous interior upgrades. This would also include further finishing existing basement space to convert to storage with proper walls, electircal and HVAC.

Figures shown below are tentative. Vendor selection process requires further discussion.*

Expenditure Schedule							
Cost Elements	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	TOTAL	
Design / Engineering							
Site Costs						· · · · · · · · · · · · · · · · · · ·	
Construction / Building Improv.		350,000	350,000			700,000	
Furniture / Equipment		50,000	50,000			100,000	
Other							
Contingency		40,000	40,000		· · · · · · · · · · · · · · · · · · ·	80,000	
Total	-	440,000	440,000		-	880,000	

Funding Source(s) / Notations

LOCIP & Bond TBD - LOCIP, Bond, Grant

Project Title: Szczesny Garage Modifications for	Department:	Facilities &	Energy
CTFastrak Parking			

Description / Purpose / Justification

Justification: Upgrades are needed to accommodate the request for reserved parking from Ctfastrak. This will include upgrades to the parking management system as well as miscellaneous repairs/modificaitons.

Figures shown below are tentative. Vendor selection process requires further discussion.*

Expenditure Schedule								
Cost Elements	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	TOTAL		
Design / Engineering								
Site Costs						-		
Construction / Building Improv.	100,000					100,000		
Furniture / Equipment								
Other								
Contingency								
Total	100,000		•			100,000		
	Funci	ng Source	(s) / Notatio	ns				

LOCIP, Bond, Grant

Project Title: Blogoslawski Garage Concrete, HVAC, & Electrical Repairs/Improvements Department: Facilities & Energy

Description / Purpose / Justification

Justification: Blogoslawski Garage has not received any repairs/modifications since it was constructed. There are miscellaneous concrete repairs, waterproofing, plumbing/drainage repairs/improvements and HVAC and Electrical System repairs/improvements that will need to be addressed in the near future. This would most likely be a multi-phase project as funding becomes available and needs arise.

Figures shown below are tentative. Vendor selection process requires further discussion.*

			chedule FY 2021	FY 2022	FY 2023	TOTAL
Cost Elements	FY 2019	FY 2020	FT 2021	11 2022	11 2020	
Design / Engineering		65,000]		65,000
Site Costs						_
Construction / Building Improv.		400,000	400,000	400,000		1,200,000
Furniture / Equipment						
Other						
Contingency		20,000	20,000	20,000		00,000
Total	-	460,000	420,000	420,000	-	1,325,000

Funding Source(s) / Notations

LOCIP, Bond, Grant

Project Title: City Hall Roof Replacement Department: Facilities & Energy

Description / Purpose / Justification

Justification: The roof membrane of City Hall has reached its life expectancy and has needed patching on several occasions. The City's roofing vendor has recommended that the roof membrane be replaced. In addition the ceramic tile roofing is aging and deteriorating every year. Tiles are being damaged due to weather conditions and are becoming loose. Tiles will constantly need addressing. Flashing and other masonry may also need to be addressed.

Figures shown below are tentative. Vendor selection process requires further discussion.*

		xpenditure S				
Cost Elements	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	TOTAL
Design / Engineering		35,000				35,000
Site Costs						
Construction / Building Improv.		150,000	25,000	25,000		200,000
Furniture / Equipment						
Other						
Contingency						235,000
Total	•	185,000	25,000	25,000		239,000

Funding Source(s) / Notations

TBD - LOCIP, Bond, Grant



Project Title: Fire Station 4 Renovation (@	Department:	Fire Department
Corbin & Rte 72)		

Renovate

Justification: The 2-bay, Station 4 was built in the 1940's and has most of the original building components. The station houses one of the Fire Department's 6 engine companies. It continues to deteriorate requiring increasing operational dollars to maintain. It is also very energy inefficient. Most importantly, it does not meet the needs of a modern FD / EMS facility. It does not have current safety and health features important for the safety of firefighters' at work. It also cannot fit new fire apparatus into the fire station since the station's overhead doors are an inadequate size. As part of the renovation, a third larger apparatus bay will be added to accommodate a new, larger fire pumper. The other existing bays will be slightly modified and can be used to house an ambulance and/or support vehicles. The original building will be completely renovated with new mechanicals, windows, roof, updated living quarters, energy efficiency components, code updates, geothermal heating/cooling and /solar photovoltaic panels.

Figures shown below are tentative. Vendor selection process requires further discussion.*

Expenditure Schedule										
Cost Elements	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	TOTAL				
Design / Engineering	200,000					200,000				
Site Costs		300,000				300,000				
Construction / Building Improv.		2,500,000				2,500,000				
Furniture / Equipment		300,000				300,000				
Other		100,000				100,000				
Contingency		100,000				100,000				
Total	200,000	3,300,000			-	3,500,000				

Funding Source(s)/

City Bonding

Project Title:	Road Safety Improvements at	Department:	Fire Departmen
Stations #1 a	nd #8.		

Description / Purpose / Justification

Justification: Fire Station 1 on Beaver St and LaSalle Street and Fire Station 8 on Corbin Avenue(opposite the Hospital for Special Care) have firefighter safety issues relating to roads conditions on the streets the stations are located on. This relates to the fire apparatus returning from alarms. Two of the City's six fire stations have drive through station bays. This allows fire apparatus to drive into the station driving forward. Station 2 has a traffic signal to stop traffic and Station 4 has a parking area it can turn around in while safely off the road. For Stations 1 and 8 there is no warning devices or protection and there have been many close calls as firefighers back in to the station while cars drive around them. This funding will allow installation of warning signals to alert and stop motorists when flashing lights indicate to slow and stop. The Station 1 situation has only gooten worse since it became 2-way.

Figures shown below are tentative, Vendor selection process requires further discussion.*

Expenditure Schedule										
Cost Elements	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	TOTAL				
Design / Engineering	10,000					10,000				
Site Costs										
Construction / Building Improv,	90,000					90,000				
Furniture / Equipment										
Other						-				
Contingency						-				
Total	100,000	-	-	-	-	100,000				

Funding Source(s) / Notations

LOCIP Funding

Project Title: Fire Training Facility Adjacent to Station 5 @ Stanley St. and Smalley St.)

Department: Fire Department

Description / Purpose / Justification

Justification: This long proposed training facility is primarily for fire personnel but is for all public safety personnel. New Britain is the only large municipality not to have a dedicated training building within its City limits. Firefighters need a local facility in order to train on a daily basis. While out-of-town training facilities are available for specialized training, basic routine training needs to be conducted locally since firefighters train while on-duty. The location for the training facility is at Station 5 on Stanley St. It is centrally located and can be used by personnel from across the City. While it will serve the NBFD personnel it will also benefit two other groups. The first group is the other public safety agencies of New Britain, namely police and EMS. This facility will allow the police to conduct tactical training activities. Since the FD operates daily with the NBEMS, combined training on extrication, patient removal from upper stories of a building and EMS mock-ups can be accomplished together at this facility. The second group is New Britain's neighboring fire departments. Such cooperative training opportunities will increase regional operational capability. The total cost includes necessary site improvements including fire hydrants & parking lots.

Figures shown below are tentative. Vendor selection process requires further discussion.*

Cost Elements	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	TOTAL
Design / Engineering		100,000				100,000
Site Costs			400,000			400,000
Construction / Building Improv.			900,000			900,000
Furniture / Equipment			50,000			50,000
Other			100,000			100,000
Contingency			50,000			50,000
Total		100,000	1,500,000	+		1,600,000

Priority #7

Project Title: Fire Station 8-New Building
(opposite Hospital for Special Care)

Department: Fire Department

Description / Purpose / Justification

Justification: The 1-bay, Station 8 was built in 1953 and has most of the original building components. The station houses one of the Fire Department's 6 engine companies. It continues to deteriorate requiring increasing operational dollars to maintain. It is also very energy inefficient. Most importantly, it does not meet the needs of a modern FD / EMS facility. It does not have current safety and health features important for the safety of firefighters' at work. It also cannot fit new fire apparatus into the fire station since the station's overhead doors are an inadequate size and the apparatus bay is too short for a modern truck. The new station, possibly built at the corner of Corbin Avenue and Governor Street, will be a well-built state of the art public safety building incorporating energy efficiency components, geothermal heating/cooling and /solar photovoltaic panels. This "public safety station" will incorporate all elements of a modern fire station as well as EMS facilities for community paramedicine and a police substation. It should also house a community meeting room for public functions.

Figures shown below are tentative. Vendor selection process requires further discussion.*

Expenditure Schedule									
Cost Elements	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	TOTAL			
Design / Engineering				300,000		300,000			
Site Costs				i i	750,000	750,000			
Construction / Building Improv.					4,000,000	4,000,000			
Furniture / Equipment					350,000	350,000			
Other					300,000	300,000			
Confingency					300,000	300,000			
Total	-		-	300,000	5,700,000	6,000,000			

<u>Funding Source(s)</u> / Notations

Project Title: Parking Lot I	Replacemen	t at Fire	Departmer	nt: Fire De	partment	
Stations 1 and 2.						
	Descript	ion / Purpo	se / Justific	<u>ation</u>		10: 10/7
Justification: Fire Station 1 c	on Beaver Stre	et and Fire	Station 2 on S	South Main S	treet were bu	Jiit in 196/.
The parking lots are the ori	ginal paveme	nt and have	e large cracl	ks and potho	oles that have	peen
patched and repatched,	Asphalt curbin	g is also bro	ken apart. H	ney nave ao	ne well for ac	years but
now need a complete rec	onstruction.					
Figures shown bel	ow are tentativ	e, Vendor se	lection proce:	ss requires furt	her discussion.	*
		kpenditure				
Cost Elements	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	TOTAL
Design / Engineering						10,000
Site Costs	10,000					140,000
Construction / Building Improv.	140,000					140,000
Fumiture / Equipment						
Other				:		
Contingency						-
Total	150,000	-	-	-	-	150,000
Funding Source(s) /						

Priority #5

Project Title: Fleet Facility Expansion/Reno (Adjacent to Station 5 @ Stanley St. and Smalley St.)

Department: Fire Department

Description / Purpose / Justification

Justification: The Fleet and Facilities Division (Mechanics/Maintenance Divison) was built as part of the Fire Station 5 complex on Stanley Street in 1983. The building and equipment are 31 years old. Ladder 2 does cannot fit in the building to be repaired. It cannot be effectively serviced due to building size limitaions. The newly ordered ladder apparatus will also not fit in the building on the overhead lift. The original in-ground lift cylinders have been repaired but never completed replaced. They leak hydraulic fluid and need replacement. This project expands the rear of the building and replaces all underground lift cylinder equipment. Since the concrete floor needs to be jackhammerd out, the entire concrete floor will be replaced and the incorrect drainage pitch corrected. The internal configuration will be reconfigured into a modern effecient fleet repair and maintenance shop. Project cost includes building and equipment costs.

Figures shown below are tentative. Vendor selection process requires further discussion.*

Expenditure Schedule										
Cost Elements	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	TOTAL				
Design / Engineering			200,000			200,000				
Site Costs				400,000		400,000				
Construction / Building Improv.				1,000,000		1,000,000				
Fumiture / Equipment				400,000		400,000				
Other				100,000		100,000				
Contingency				100,000		100,000				
Total	-	- ,	200,000	2,000,000	-	2,200,000				

Funding Source(s) / Notations

Project Title: Fire Stations Improvements	Department:	Fire Department	
			•

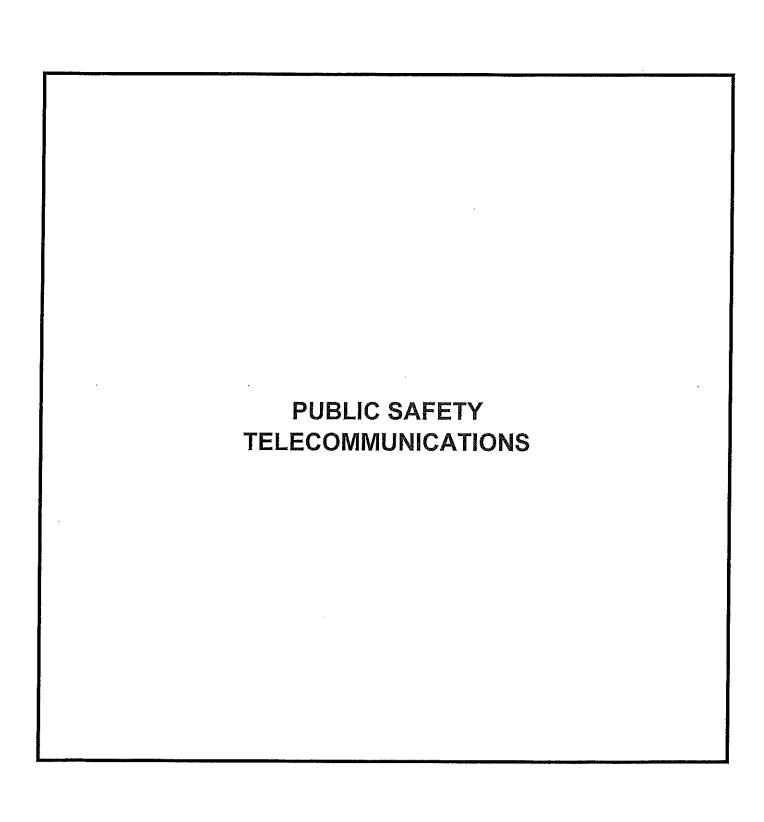
Description / Purpose / Justification

Justification: This funding will continue the upgrade of Fire Department stations and facilities until all stations can be renovated or rebuilt with new buildings. This funding is needed to continue needed upgrades. These upgrades are need to below standard facilities to allow effective and effecient operations while providing personnel with safe and healthy work environments.

Figures shown below are tentative. Vendor selection process requires further discussion.*

	Ē	xpenditure	Schedule			
Cost Elements	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	TOTAL
Design / Engineering						-
Site Costs						200,000
Construction / Building Improv.			200,000			200,000
Furniture / Equipment						
Other			·			
Contingency						200,000
Total	-	-	200,000	-		200,500

Funding Source(s) / Notations



Project Title: Radio System Technology

Department

Retention Upgrade

Department: Public Safety Telecommunications Center

Description / Purpose / Justification

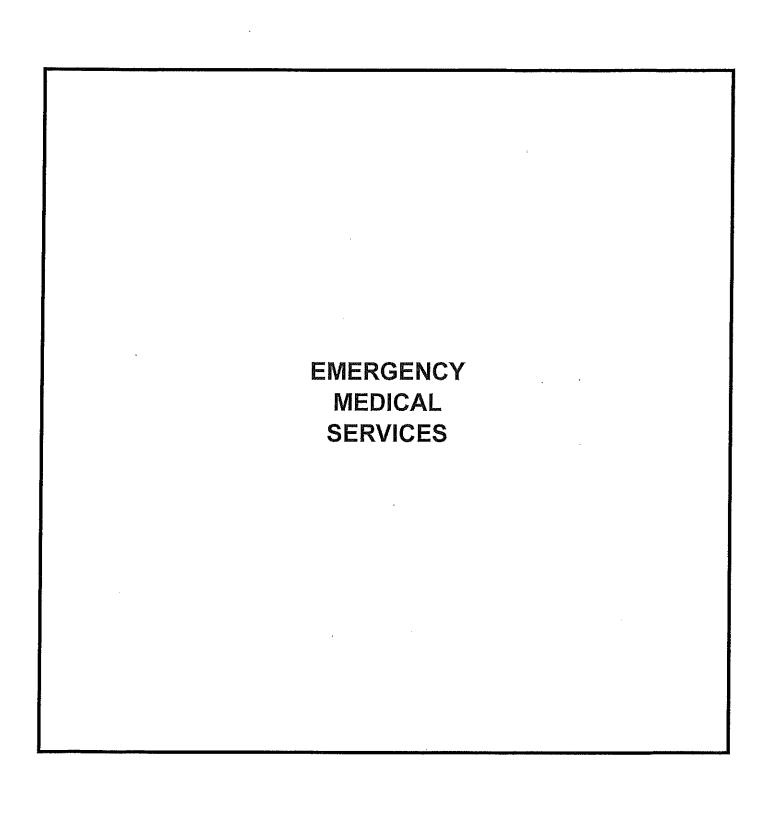
Justification: This is a recurring capital program to assure that all portable radios have reliable batteries. Battery life for a public safety radio should be between 30 and 36 months. Battery life for a public service radio should be between 36 and 42 months. The quantities shown are based on current deployment of radios. The City owns in excess of 500 portable radios. Batteries cost about \$120 each.

Figures shown below are tentative. Vendor selection process requires further discussion.*

		penditure S		FV 0000	EV 0000	TOTAL
Cost Elements	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	IOIAL
Design / Engineering						
Site Costs						
Construction / Building Improv.					00.000	126,000
Furniture / Equipment	38,000	20,000	10,000	38,000	20,000	126,000
Other						· · · · · · · · · · · · · · · · · · ·
Contingency				22.222	00.000	126,000
Total	38,000	20,000	10,000	38,000	20,000	120,000

Funding Source(s) / Notations

LOCIP, Bond, Grant



	* *
Project Title: Apparatus Bay Curtain Drain	Department: New Britain EMS
riojeer ime. Appendict of	į '
Channel Replacement/Repair	

Description / Purpose / Justification

Justification: The curtain drain channel that sits behind the apparatus doors bays at EMS headquarters is collapsing creating a safety hazard impacting both ambulances as well as pedestrian and crew traffic entering and exiting the garage bays. Additionally as the channel drain sinks into the ground, the overhead bays do not close securely to the floor allowing outside air to enter the facility. The curtain drain/channel is designed to carry and liquid material than comes from the ambulances into an oil water seperator tank preventing contaminants from entering the normal rain water run off sewer. NB DPW assessed the issue a year ago and determined they have ther ability to replace the channel/drain with an estimate of a weeks worth of work.

Figures shown below are tentative. Vendor selection process requires further discussion.*

	Expend	liture Sch	edule			
Cost Elements	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	TOTAL
Design / Engineering						
Site Costs						
Construction / Building Improv.						
Furniture / Equipment						
Other	15,000					15,000
Contingency						
Total	15,000				-	15,000
	Funding So	urce(s)/	Notation	S .		

LOCIP

Project Title: Replace EMS Headquarters Bay	Department: New Britain EMS
Doors	

Description / Purpose / Justification

Justification: The Garage Doors are ten years old. The doors are opened and closed on average 180 times per day; 66K times per year and todate 726M times since they we installed 11 years ago. NBEMSI invests \$20K + per year in repairing the integral components of the doors and their infrastructure. Overhead Door has recommended they be replaced as they continue to failue on average of 2 times per month. The cost reflects an estimate of replacing the 3 large overhead bay doors over a period of three years.

Figures shown below are tentative. Vendor selection process requires further discussion.*

	Ехрепо	<u>liture Sch</u>	edule			
Cost Elements	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	TOTAL
Design / Engineering						
Site Costs						
Construction / Building Improv.	30,000	30,000	30,000			90,000
Furniture / Equipment						
Other						
Contingency						
Total	30,000	30,000	30,000	-	-	90,000
	Funding So	urce(s) /	Notation	3		

LOCIP

Project Title:	Replace EMS	Headquarter:	RTU	Department:	New Britain	EMS
HVAC Unit			ı			
	Des	cription / Pure	ose /	Justification		

Justification: Roof Top HVAC Unit #5 is 30 years old. The unit is ten years past its useful life expectancy. Our HVAC Contractor has indicated the device uses refrigerant that is no longer manufactured. Replacement parts are not available. They have recommended the unit be replaced prior to it failing.

Figures shown below are tentative. Vendor selection process requires further discussion.*

	Expens	liture Sch	edule			
Cost Elements	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	TOTAL
Design / Engineering						
Site Costs						
Construction / Building Improv.	25,000					25,000
Furniture / Equipment						•
Other						•
Contingency						
Total	25,000	-	•	-	•	25,000
1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	Funding So	urce(s)/	Notation	S		

LOCIP

Project Title: Repair/Replace Retaining Wall	e Rear Pro	otery	Departm	ient: New	/ Britain E/	M2
	eription / l					,
Justification: The rear parking from the Health Department I to be replaced.	lot retaining Building to	g wall tha the Dattc	t runs alor o building	ng the we	stem prop ing. The w	erty line all needs
Figures shown below are ter		dor selection		requires fu	rther discus	ssion.*
Cost Elements	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	TOTAL
Design / Engineering		-				
Site Costs		****	-			
Construction / Building Improv.	30,000					30,000
Furniture / Equipment						
Other						
Contingency						30,000
Total	30,000	*				30,000
	unding So	<u> </u>	I Medicilied			