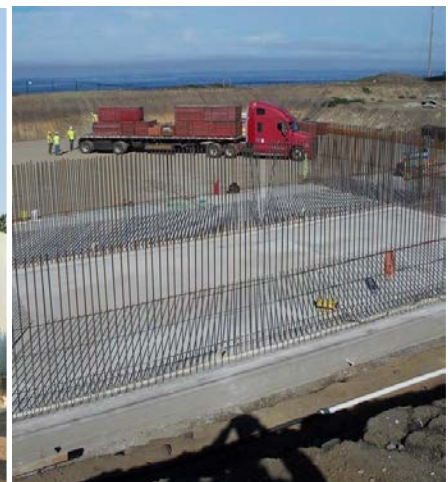




# City of Fort Bragg Capital Improvement Program Adopted Budget Fiscal Year 2019/20



## **CAPITAL IMPROVEMENT PROGRAM OVERVIEW**

### **INTRODUCTION**

The City of Fort Bragg's Five-Year Capital Improvement Program (CIP) outlines current and future infrastructure needs and capital funding priorities in the following areas:

- (i) Municipal Facilities,
- (ii) Parks & Community Services,
- (iii) Street Maintenance & Traffic Safety,
- (iv) Storm Drains,
- (v) Water Enterprise,
- (vi) Wastewater Enterprise.

The CIP is an important planning tool that identifies and prioritizes all major capital projects in the City. It helps determine funding sources and needs.

In general, the CIP provides funding for infrastructure construction and non-routine maintenance, while funding for routine infrastructure maintenance is appropriated in the operating budget and in other special revenue funds. CIP projects, including streets, buildings, recreational facilities, and parks are defined as assets with an initial individual cost of at least \$50k and an estimated useful life of greater than two years. Acquisitions of other capital assets (such as machinery, furniture, and vehicles) are generally accounted for in an internal service fund or departmental account that is responsible for financing each expenditure. Cost estimates are prepared for each capital project using current year dollars.

The CIP shows detailed expenditures and funding for capital projects over the next five years, covering FY 2019/20 through FY 2023/24. "Prior Year" funding for projects which span multiple years is also shown. The CIP also includes a "Beyond CIP" category that recognizes the importance of planning for future significant capital projects beyond the five-year CIP timeframe.

The projects planned for FY 2019/20 include expenditures that will be appropriated through the FY 2019/20 Budget adoption process. Projected expenditures shown for FY 2020/21 through FY 2023/24 and Beyond CIP are provided primarily for project planning and long-range financial planning purposes and do not reflect a commitment of funds. Expenditure approval will be sought for these projects during the appropriate fiscal year.

The CIP is comprised of 31 projects with a total cost of approximately \$47 million. For FY 2019/20, 6 projects totaling approximately \$13 million are recommended for appropriation. The FY 2019/20 priorities will focus largely on waste water facilities for a two year construction project to upgrade the Waste Water Treatment Plant (WWTP) with a new anaerobic digester and the rehabilitation/replacement of other essential elements. Up to three aging sewer lift stations will be rehabilitated. Important priorities for the system include the design of the remaining portions of the raw water transmission main that are overdue for replacement. In addition, the raw water pond is ready for rehabilitation. Other street and storm drain projects will be included as time and resources permit.

The CIP is organized as follows:

1. FY 2018/19 Capital Projects Status Report
2. FY 2019/20 Adopted Capital Budget
3. FY 2019/20-2023/24 Five Year Capital Improvement Program – Expenditures by Category
4. FY 2019/20-2023/24 Five Year Capital Improvement Program – Expenditures by Source
5. FY 2019/20-2023/24 Capital Improvement Program Projects Detail

## FY 2018/19 CAPITAL PROJECTS STATUS REPORT

The following projects and appropriations were adopted in the FY 2018/19 Capital Projects Budget.

Project Name	Total Project	Prior Year(s)	FY 18/19 Budget	% of Capital Budget
Guest House Rehabilitation	\$ 363,730	\$ 283,730	\$ -	
City Hall Maintenance - Painting	166,733	93,233	-	
East City Hall - Roof	69,695	69,695	-	
<b>TOTAL MUNICIPAL FACILITIES</b>			<b>-</b>	<b>0%</b>
Coastal Restoration & Trail Project - Phase II	1,220,000	1,190,000	30,000	
Bainbridge Park Improvements	125,470	125,470	-	
Glass Beach Stairs	33,856	33,856	-	
<b>TOTAL PARKS &amp; FACILITIES</b>			<b>30,000</b>	<b>0.1%</b>
Chestnut Street Multi Use Trail	1,380,000	1,380,000	-	
Annual Alley Rehab	2,550,000	1,050,000	-	
Downtown Crosswalk Rehab	62,300	62,300	-	
Street Resurfacing & Structural Repairs	5,084,879	1,084,879	2,000,000	
<b>TOTAL STREET &amp; MAINTENANCE</b>			<b>2,000,000</b>	<b>9%</b>
Pool Basin Resurfacing	180,000	-	180,000	
<b>Total CV STARR ENTERPRISE</b>			<b>180,000</b>	
Summers Lane Reservoir Cover	450,000	450,000	-	
Pudding Creek Water Main Relocation	1,700,000	-	205,000	
Madsen Hole Rainey Design	175,000		175,000	
Water Tank Installation	1,762,549	1,762,549	-	
Water Treatment Plant Overhaul	50,000	50,000	-	
Raw Water Pond Rehabilitation	200,000	-	200,000	
Raw Water Line Engineering	400,000	400,000	-	
Raw Water Line Replacement II - Road 450 to Hare Creek	682,000	-	682,000	
<b>TOTAL WATER ENTERPRISE</b>			<b>1,262,000</b>	<b>6%</b>
WW Treatment Facility Upgrade	18,552,400	949,000	17,603,400	
Lift Station Rehab	1,000,000	-	1,000,000	
Sewer Main Rehabilitation	360,000	-	120,000	
<b>TOTAL WATER ENTERPRISE</b>			<b>18,723,400</b>	<b>84%</b>
<b>TOTAL FY 2018-19 CAPITAL BUDGET</b>			<b>\$ 22,195,400</b>	

## FY 2018-2019 CAPITAL PROJECTS STATUS REPORT

The status of the projects from the adopted in the FY 2018/19 Capital Improvements Projects is:

- **Guest House Rehabilitation:** The Guest House was donated to the City of Fort Bragg in 1985. Extensive rehabilitation and improvement have been accomplished in recent years including a new roof, repairs to the siding and fresh exterior paint. The next phase of work will be improvement to the walkways, signage and other minor corrective measures.
- **City Hall Improvements:** In the past year, a new emergency generator has been installed. The next phase of rehabilitation work for City Hall be roof repairs.
- **Coastal Trail, Phase 2 (central segment):** Construction of Phase 2 was completed March 2018. A new connector segment from downtown to the Coastal Trail, near the mill pond, was completed and opened to the public in May 2019.
- **Bainbridge Park Improvements:** Funding for phase 2 improvements are being pursued with an application for Proposition 68 funding. The goal is for a total makeover of the Wiggly Giggly playground and construction of the pavilion.
- **Glass Beach Stairs:** Design was previously completed for a replacement set of concrete stairs in the same place as the original cable stairs. The original stairs proved to be no match for demanding coastal environment. Concrete stairs appear to be the most practical replacement. This design will be out to bid for construction in the summer of 2019 if council chooses to fund the project.
- **Streets and Alley Rehabilitation Project:** The previous pattern of alternating street rehabilitation projects with alley rehabilitation projects has run its course. Future projects will address street and alley needs based on their own merits and in conformance with the City's priority program for street and alley improvements. The next project will be the rehabilitation of 14 to 17 dead end streets and similar street segments throughout town. Construction is scheduled for the summer of 2019.
- **CV Starr – Pool Basin Resurfacing:** The lining of the main pool in the CV Starr Aquatic Center has worn out and needs to be resurfaced. A previous bid in 2018 produced a costly proposal. CV Starr staff is reexamining the project bid documents to value engineer the project. New bids will be solicited in 2019 with the intent to undertake the resurfacing by the end of the year.
- **Pudding Creek Water Main Relocation:** high flows in Pudding Creek during the storm season of 2015-2016 overtopped the Georgia Pacific dam across creek. This dam also supports a City 10-inch water main serving the northern part of Fort Bragg. To ensure water system resiliency and supply reliability, the water main will be moved to the nearby bridge crossing the creek which

carries N. Main Street (Highway 1). The original funding from disaster funds was denied. Multiple funding sources as well as partners are being pursued to accomplish this relocation.

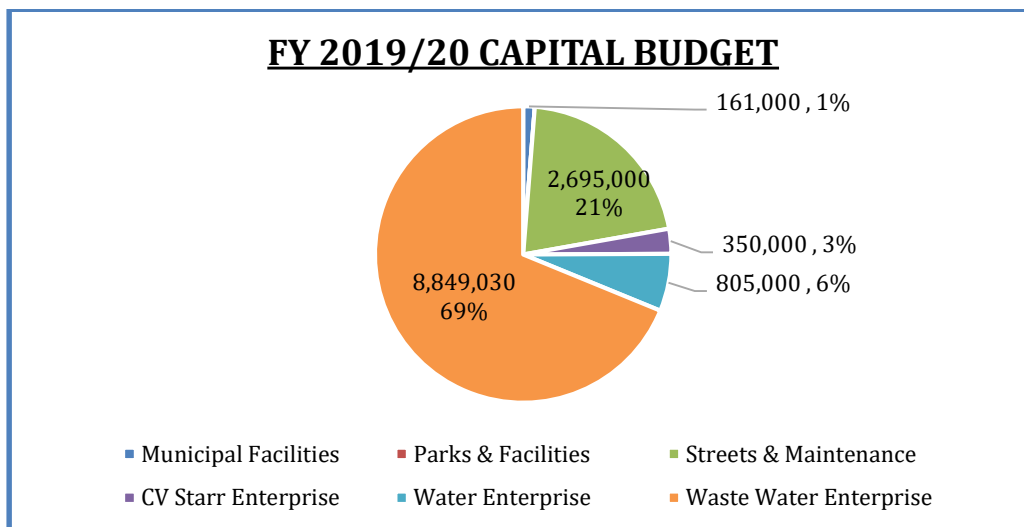
- **Madsen Hole Ranney Filter:** This is a device buried under the Noyo River and acts as the intake for the Noyo River water pump which supplies approximately half of the City's water. High river flows over the past few years has damaged this intake. Design for the replacement or rehabilitation of this device is scheduled for FY 20/21. The goal is to develop a design the restores the intake's usefulness while minimizing impacts to the river stream bed.
- **1.5 MG Water Tank Installation:** a 1.5 million gallon, finished water tank was installed next to the existing water tank on the north side of Cedar Street next to the City's corporation yard. Construction was completed in 2018. The project was funded by a grant from the Community Development Block Grant (CDBG) program. The new tank will add a new layer of water storage stability and open up the ability to fully maintain the City's other two water storage tanks.
- **Water Treatment Plant Overhaul:** The City's water treatment facilities have aged enough that they are ready for a major overhaul. In addition, the raw water storage ponds will be rehabilitated to reduce leakage as well as an old clarifier will be demolished to open more room on-site. Design is scheduled for the summer of 2019 with construction anticipated in 2020.
- **Raw Water Line Replacement, Phases II through V:** Portions of the raw water transmission main from the City's water sources to the water treatment plant have been replaced over the years. Approximately 15,000 feet of pipe is read for replacement. The stretch of pipe from Forest Road 450 (downstream of Waterfall Gulch) to Sherwood Road has been broken into five phases. Phase I from Highway 20 to the Summers Lane Reservoir has already been completed. For efficient work, design of the remaining four phases will be done under one contract. Construction of each phase will follow as funding and time permit. Design was started in 2019. Bid documents for the next of phase of construction will be ready in the summer of 2020.
- **Waste Water Treatment Facility (WWTF) Upgrade Project:** Construction began in June 2018. A new waste water treatment module will improve the level of treatment and increase its reliability. The project is being funded through a combination of loans and grants from federal and state source as well as a significant contribution from the City's Waste Water Enterprise Fund. Construction is running ahead of schedule and may be completed as soon as the end of 2019. A six month start-up and testing period will follow to ensure the full functionality of the improvements and to train City staff to operate the new plant. Construction is expected to take two years with the new upgrades coming online during the summer of 2020.
- **Lift Station Rehabilitation:** Three sanitary sewer lift stations (pumps) are very old and overdue for rehabilitation. These are South Harbor Lift Station, North Harbor Lift Station, and the Pudding creek Lift Station. Construction will begin in June 2019 and be completed by the fall.

- **Sewer Main Rehabilitation – CIPP:** Nearly 4,000 feet of sewer mains throughout the City will be rehabilitated to improve their ability to reliability send sewage to the WWTF. A Cure In Place Pipe (CIPP) technology that relines the pipe will be used to improve system performance and minimize the disturbance to the overlying streets and alleys. Construction will begin in the summer of 2019 and be completed by the fall.

The City, its staff and consultants continue to be challenged with the most aggressive construction schedule seen in many years. Construction on the largest capital project in the city's history, the Waste Water Facility (WWTF) is already underway and is expected to be completed in 2020. This two year project will require the attention and focus of the Engineering division to ensure a successful project that will operate reliably for the upcoming decades.

## FY 2019/20 CAPITAL PROJECTS &amp; APPROPRIATIONS

Project Name	Total Project	Prior Year(s)	FY 19/20 Adopted Budget	% of Capital Budget
Guest House Rehabilitation	\$ 396,625	\$ 263,625	\$ 83,000	
City Hall Rehabilitation	171,233	93,233	78,000	
East City Hall - Roof	60,750	60,750	-	
<b>TOTAL MUNICIPAL FACILITIES</b>			<b>161,000</b>	<b>1%</b>
Coastal Restoration & Trail Project - Phase II	1,213,520	1,213,520	-	
Bainbridge Park Improvements	670,000	-	-	
Glass Beach Stairs	33,856	33,856	-	
<b>TOTAL PARKS &amp; FACILITIES</b>			<b>-</b>	<b>0%</b>
Downtown Crosswalk Rehab	62,300	62,300	-	
South Main St Bike & Ped Improvements	800,000	-	45,000	
2019 Street Rehab	2,150,000	150,000	2,000,000	
Maple Street & SD Rehabilitation	650,000	-	650,000	
<b>TOTAL STREET &amp; MAINTENANCE</b>			<b>2,695,000</b>	<b>21%</b>
Pool Basin Resurfacing	350,000	-	350,000	
<b>Total CV STARR ENTERPRISE</b>			<b>350,000</b>	<b>3%</b>
Water Treatment Plant Overhaul	1,900,000	-	100,000	
Water Tank Replacement	1,638,437	1,638,437	-	
Raw Water Line Engineering	680,000	680,000	-	
Raw Water Line Replacement II - Road 450 to Hare Creek	705,000	-	705,000	
<b>TOTAL WATER ENTERPRISE</b>			<b>805,000</b>	<b>6%</b>
WW Treatment Facility Upgrade	18,552,400	11,164,400	7,388,000	
Lift Station Rehab (3 stations)	1,461,030	-	1,461,030	
Sewer Main Rehabilitation	515,000	265,000	-	
<b>TOTAL WASTEWATER ENTERPRISE</b>			<b>8,849,030</b>	<b>69%</b>
<b>TOTAL FY 2019-20 CAPITAL BUDGET</b>			<b>\$ 12,860,030</b>	





# CAPITAL IMPROVEMENT PROGRAM PROJECT DETAILS

FY 2020-2024 CAPITAL IMPROVEMENT PROGRAM BY CATEGORY											
Fund	Project	Funding Source	Prior FY(s)	FY 19/20 Adopted Budget	FY 20/21 Projected	FY 21/22 Projected	FY 22/23 Projected	FY 23/24 Projected	5 year CIP Total	Beyond CIP	Total Project Costs
<b>MUNICIPAL FACILITIES</b>											
416	Guest House Rehabilitation	ISF	\$ 263,625	\$ 83,000	\$ 50,000	\$ -	\$ -	\$ -	\$ 396,625	\$ 70,000	\$ 466,625
417	City Hall Rehabilitation	ISF	93,233	78,000					171,233	50,000	221,233
418	E. City Hall, Rehabilitation & Stabilization	ISF	60,750						60,750		60,750
	Town Hall Exterior Painting	ISF				62,000			62,000		62,000
	Main St Fire Station Rehab	U/I						2,015,000	2,015,000	-	2,015,000
	Highway 20 Fire Station	U/I							-	515,000	515,000
	Police Department Roof Replacement	U/I							-	70,000	70,000
	<b>Total Municipal Facilities</b>		<b>417,608</b>	<b>161,000</b>	<b>50,000</b>	<b>62,000</b>	<b>-</b>	<b>2,015,000</b>	<b>2,705,608</b>	<b>705,000</b>	<b>3,410,608</b>
<b>PARKS &amp; COMMUNITY SERVICES</b>											
407	Glass Beach Staircase	122/GF	33,856						33,856		33,856
415	Coastal Trail - Phase II (central segment)	Grant	1,213,520						1,213,520		1,213,520
419	Bainbridge Park Improvements, Phase II	Prop 68 Funding(P)			670,000				670,000		670,000
	Pomo Bluffs Park	U/I					50,000		50,000		50,000
	<b>Total Parks &amp; Community Services</b>		<b>1,247,376</b>	<b>-</b>	<b>670,000</b>	<b>-</b>	<b>50,000</b>	<b>-</b>	<b>1,967,376</b>	<b>-</b>	<b>1,967,376</b>
<b>STREET MAINTENANCE &amp; TRAFFIC SAFETY</b>											
420	Downtown Crosswalk Rehabilitation	SST	-						-	62,300	62,300
-	South Main St Bike & Ped Improvements	STIP		45,000	50,000	450,000	255,000		800,000		800,000
	Rule 20 Project (undergrounding utilities)	Grant						1,240,000	1,240,000	-	1,240,000
	2019 Street Rehab	LPP & 250	150,000	2,000,000					2,150,000		2,150,000
	Maple Street & SD Rehabilitation	LPP & 250		650,000					650,000		650,000
	<b>Total Street Maint. &amp; Traffic Safety</b>		<b>150,000</b>	<b>2,695,000</b>	<b>50,000</b>	<b>450,000</b>	<b>255,000</b>	<b>1,240,000</b>	<b>4,840,000</b>	<b>62,300</b>	<b>4,902,300</b>
<b>CV STARR ENTERPRISE</b>											
810	Pool Basin Resurfacing	CV Starr		350,000					350,000		350,000
	<b>Total CV Starr Enterprise</b>		<b>-</b>	<b>350,000</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>350,000</b>	<b>-</b>	<b>350,000</b>
<b>WATER ENTERPRISE</b>											
	Madsen Hole Ranney - Design	Water Ent		-	175,000				175,000		175,000
	Water Treatment Plant Overhaul	Water Ent		100,000	1,800,000				1,900,000		1,900,000
	Pudding Creek Water Main Relocation	U/I	-	-	1,669,000				1,669,000		1,669,000
	Raw Water Line Engineering, Phases II through V	Water Ent	680,000						680,000		680,000
	Raw Water Line Replacement: Phase II Noyo River to Water Treatment Facility	Water Ent		705,000					705,000		705,000
	Raw Water Line Replacement: Phase III - Newman Reservoir to Noyo River	U/I			935,000				935,000		935,000
	Raw Water Line Replacement: Phase IV - Hare Creek to SR 20	U/I				435,000			435,000		435,000
	Raw Water Line Replacement: Phase V - Forest Road 450 to Hare Creek	U/I					250,000		250,000		250,000
	Water Meter Replacement	U/I					2,100,000		2,100,000		2,100,000
	Cedar Street Water Distribution Line Replacement	U/I			206,000				206,000		206,000
	Water Tank Replacement	Grant	1,638,437						1,638,437	2,000,000	3,638,437
	East FB Pressure Zone (EFBPZ), Ph:1	U/I						545,000	545,000	-	545,000
	EFBPZ - Phase 2	U/I							-	330,000	330,000
	EFBPZ - Phase 3	U/I							-	580,000	580,000
	<b>Total Water Enterprise</b>		<b>2,318,437</b>	<b>805,000</b>	<b>4,785,000</b>	<b>435,000</b>	<b>2,350,000</b>	<b>545,000</b>	<b>11,238,437</b>	<b>2,910,000</b>	<b>14,148,437</b>
<b>WASTEWATER ENTERPRISE</b>											
716	WW Treatment Facility Upgrade- Activated Sludge	Grant/WW	11,164,400	7,388,000					18,552,400	-	18,552,400
	Lift Station Rehab (3 Stations)	IL		1,461,030					1,461,030	-	1,461,030
	Collection System Condition Assessment	WW			300,000				300,000	-	300,000
	Sewer Main Rehabilitation - CIPP	WW/CDBG PI	265,000		120,000		130,000		515,000	-	515,000
	Sanderson Way Sewer Main Replacement - Oak to Cedar	U/I			222,000				222,000	-	222,000
	<b>Total Wastewater Enterprise</b>		<b>11,429,400</b>	<b>8,849,030</b>	<b>642,000</b>	<b>-</b>	<b>130,000</b>	<b>-</b>	<b>21,050,430</b>	<b>-</b>	<b>21,050,430</b>
<b>STORM WATER</b>											
	Trash Capture Devices	U/I		-					-		-
	<b>Total Storm Water</b>		<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>
<b>Grand Total</b>			<b>\$ 15,562,821</b>	<b>\$12,860,030</b>	<b>\$ 6,197,000</b>	<b>\$ 947,000</b>	<b>\$ 2,785,000</b>	<b>\$ 3,800,000</b>	<b>\$ 42,151,851</b>	<b>\$ 3,677,300</b>	<b>\$ 45,829,151</b>

**TOTAL CIP PROJECT: \$ 12,860,30**



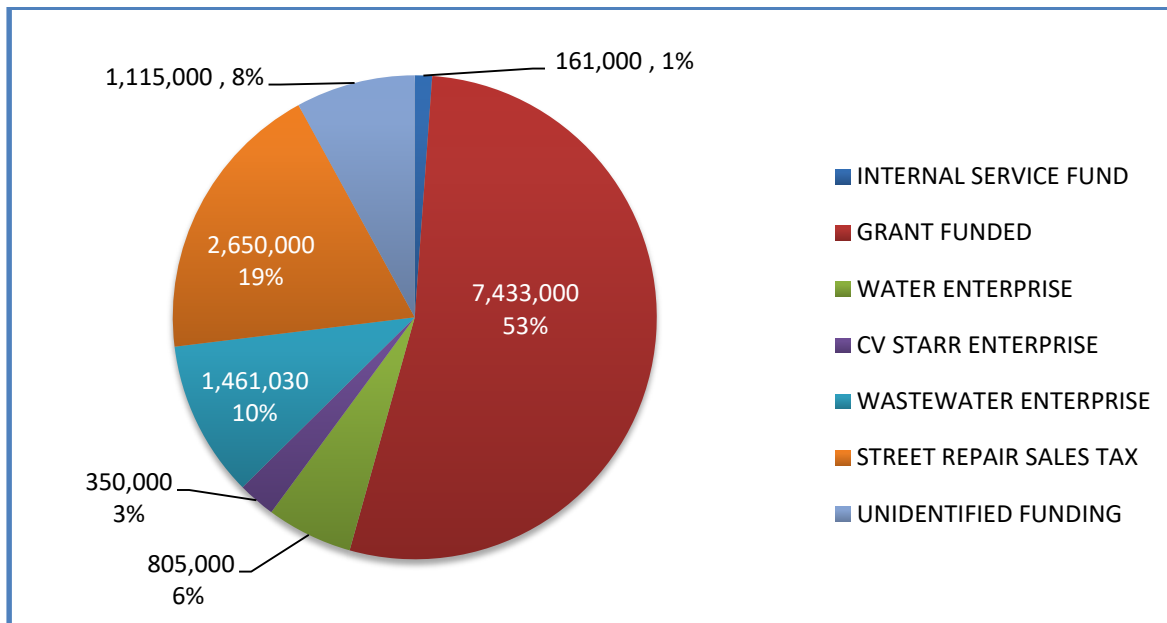
# CAPITAL IMPROVEMENT PROGRAM PROJECT DETAILS

CIP: FUNDING SOURCE FY 2020-2024										
Fund No.	Funding Source/ Project Name	Prior FY(s)	FY 19/20 Adopted Budget	FY 20/21 Projected	FY 21/22 Projected	FY 22/23 Projected	FY 23/24 Projected	Est. 5 year Total	Beyond CIP	Estimated Total Funding
<b>SPECIAL REVENUE FUNDS</b>										
122	Glass Beach Staircase (Parkland Monitoring Fund)	\$ 33,856	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 33,856	\$ -	\$ 33,856
	<b>Total GF</b>	<b>33,856</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>33,856</b>	<b>-</b>	<b>33,856</b>
<b>INTERNAL SERVICE FUNDS</b>										
530	Guest House Rehabilitation	263,625	83,000	50,000	-	-	-	396,625	70,000	466,625
530	City Hall - Painting, Roofing & Generator	93,233	78,000	-	-	-	-	171,233	50,000	221,233
530	East City Hall, Structural, Pool Bldg. & Other	60,750	-	-	-	-	-	60,750	-	60,750
	Pomo Bluffs Park	-	-	-	-	50,000	-	50,000	-	50,000
N/A	Town Hall Exterior Painting	-	-	-	62,000	-	-	62,000	-	62,000
	<b>Total ISF</b>	<b>417,608</b>	<b>161,000</b>	<b>50,000</b>	<b>62,000</b>	<b>50,000</b>	<b>-</b>	<b>740,608</b>	<b>120,000</b>	<b>860,608</b>
<b>GRANT FUNDED</b>										
320	Coastal Restoration & Trail Project Ph 2	1,213,520	-	-	-	-	-	1,213,520	-	1,213,520
N/A	Rule 20 Project (undergrounding utilities)	-	-	-	-	-	1,240,000	1,240,000	-	1,240,000
331	Water Tank Installation	1,638,437	-	-	-	-	-	1,638,437	-	1,638,437
	South Main St Bike & Ped Improvements	-	45,000	50,000	450,000	255,000	-	800,000	-	800,000
330	WW Treatment Facility Upgrade	-	3,388,000	-	-	-	-	3,388,000	-	3,388,000
327	WW Treatment Facility Upgrade	2,000,000	4,000,000	-	-	-	-	6,000,000	-	6,000,000
	<b>Total Grants</b>	<b>4,851,957</b>	<b>7,433,000</b>	<b>50,000</b>	<b>450,000</b>	<b>255,000</b>	<b>1,240,000</b>	<b>14,279,957</b>	<b>-</b>	<b>14,279,957</b>
<b>CV STARR ENTERPRISE</b>										
	Pool Basin Resurfacing	-	350,000	-	-	-	-	350,000	-	350,000
	<b>Total CV Starr Enterprise</b>	<b>-</b>	<b>350,000</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>350,000</b>	<b>-</b>	<b>350,000</b>
<b>WATER ENTERPRISE</b>										
615	Raw Water Line Engineering, Phases II through V	680,000	-	-	-	-	-	680,000	-	680,000
615	Water Treatment Plant Overhaul	-	100,000	1,800,000	-	-	-	1,900,000	-	1,900,000
	Raw Water Line Replacement: Phase II - Noyo River to	-	-	-	-	-	-	-	-	-
615	Water Treatment Facility	-	705,000	-	-	-	-	705,000	-	705,000
615	Madsen Hole Rainey-Design	-	-	175,000	-	-	-	175,000	-	175,000
	<b>Total Water Enterprise</b>	<b>680,000</b>	<b>805,000</b>	<b>1,975,000</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>3,460,000</b>	<b>-</b>	<b>3,460,000</b>
<b>WASTEWATER ENTERPRISE</b>										
715	WW Treatment Facility Upgrade	4,164,400	-	-	-	-	-	4,164,400	-	4,164,400
710	WW Treatment Facility Upgrade (Debt Funded)	5,000,000	-	-	-	-	-	5,000,000	-	5,000,000
715	Lift Station Rehab:(3 Stations)	-	1,461,030	-	-	-	-	1,461,030	-	1,461,030
	Collection System Condition Assessment	-	-	300,000	-	-	-	300,000	-	300,000
715	Sewer Main Rehabilitation	265,000	-	120,000	-	130,000	-	515,000	-	515,000
715	Sanderson Way Sewer Main Replacement - Oak to Cedar	-	-	222,000	-	-	-	222,000	-	222,000
	<b>Total Wastewater Enterprise Funds</b>	<b>9,429,400</b>	<b>1,461,030</b>	<b>642,000</b>	<b>-</b>	<b>130,000</b>	<b>-</b>	<b>11,662,430</b>	<b>-</b>	<b>11,662,430</b>
<b>STREET REPAIR SALES TAX</b>										
	Maple Street & SD Rehabilitation	-	650,000	-	-	-	-	650,000	-	650,000
	2019 Street Rehab	150,000	2,000,000	-	-	-	-	2,150,000	-	2,150,000
250	Downtown Crosswalk Rehabilitation	-	-	-	-	-	-	-	62,300	62,300
	<b>Total Street Repair Tax Funds</b>	<b>150,000</b>	<b>2,650,000</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>2,800,000</b>	<b>62,300</b>	<b>2,862,300</b>
<b>UNIDENTIFIED FUNDING</b>										
110	Glass Beach Staircase	-	200,000	\$ -	\$ -	\$ -	\$ -	\$ 200,000	\$ -	\$ 200,000
329	Pudding Creek Water Main Relocation	-	210,000	\$ 1,669,000	-	-	-	1,879,000	\$ -	1,879,000
	Cedar Street Water Distribution Line Replacement	-	-	206,000	-	-	-	206,000	-	206,000
	Trash Capture Devices	-	705,000	-	-	-	-	705,000	-	705,000
315	Bainbridge Park Improvements	-	-	670,000	-	-	-	670,000	-	670,000
	Water Treatment Plant Overhaul	-	-	-	-	-	-	-	-	-
	Raw Water Line Replacement - Phase III	-	-	935,000	-	-	-	935,000	-	935,000
	Raw Water Line Replacement - Phase IV	-	-	-	435,000	-	-	435,000	-	435,000
	Raw Water Line Replacement - Phase V	-	-	-	-	250,000	-	250,000	-	250,000
	Water Meter Replacement	-	-	-	-	2,100,000	-	2,100,000	-	2,100,000
	Water Tank Replacement	-	-	-	-	-	-	-	2,000,000	2,000,000
	Water - East FB Pressure Zone - Phase 1 Improvements	-	-	-	-	-	545,000	545,000	-	545,000
	Police Department Roof Replacement	-	-	-	-	-	-	-	70,000	70,000
	Water - EFBPZ - Phase 2	-	-	-	-	-	-	-	330,000	330,000
	Water - EFBPZ - Phase 3	-	-	-	-	-	-	-	580,000	580,000
	Main St Fire Station Rehab	-	-	-	-	-	2,015,000	2,015,000	-	2,015,000
	Hwy 20 Fire Station	-	-	-	-	-	-	-	515,000	515,000
	<b>Total Unidentified Funding</b>	<b>-</b>	<b>1,115,000</b>	<b>3,480,000</b>	<b>435,000</b>	<b>2,350,000</b>	<b>2,560,000</b>	<b>9,940,000</b>	<b>3,495,000</b>	<b>13,435,000</b>
<b>TOTALS</b>		<b>\$ 15,562,821</b>	<b>\$ 13,975,030</b>	<b>\$ 6,197,000</b>	<b>\$ 947,000</b>	<b>\$ 2,785,000</b>	<b>\$ 3,800,000</b>	<b>\$ 43,266,851</b>	<b>\$ 3,677,300</b>	<b>\$ 46,944,151</b>

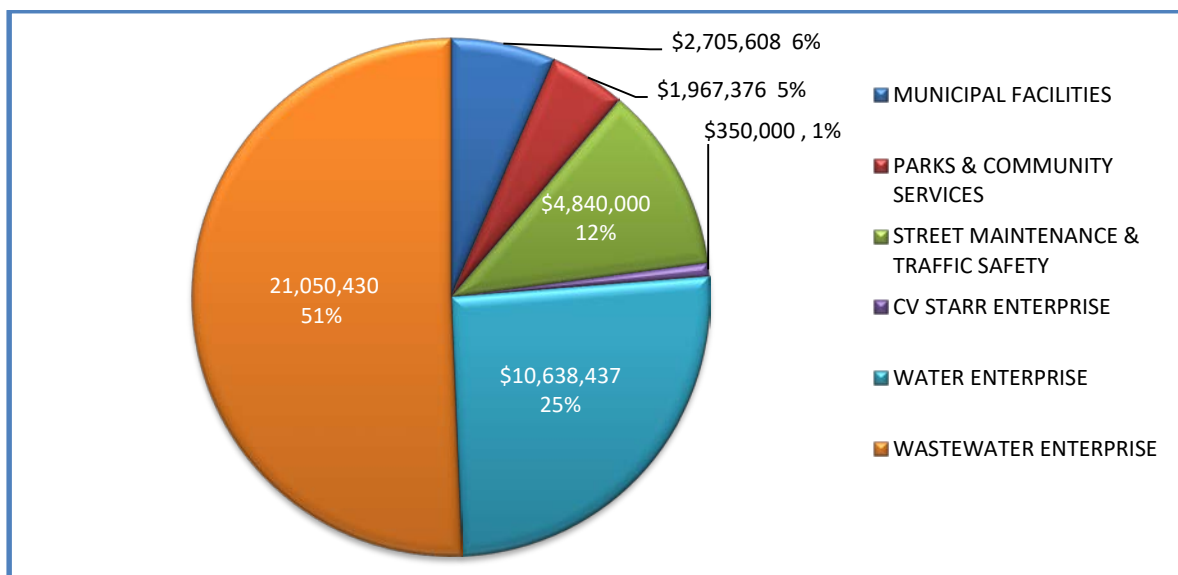
## SUMMARY OF CAPITAL IMPROVEMENT PROGRAM

The following capital projects and appropriations are included in the Capital Projects Budget:

### FY 2019/20- 23/24 CIP PROJECT FUNDING




### FY 2019/20- 23/24 CIP BY CATEGORY



## **CAPITAL IMPROVEMENT PROGRAM DETAIL**

Project: GUEST HOUSE REHABILITATION									
Category:		Municipal Facilities							
Fund/Task Code:		416/PW 94							
Department:		Public Works							
Priority:									
Funding Source(s):		Internal Service Funds							
Est. Projected Costs		\$ 396,625							
Expected Completion Date:		FY 2019/20							
Cumulative Prior Year Funding:		\$ 263,625							
FY 19/20 Funding:		\$ 83,000							
Project Description									
<p>The Guest House was donated to the City of Fort Bragg in 1985 and only minimal improvements to the exterior of the structure have been undertaken since that time. The building needs a new roof, repairs to the shingles, and a fresh coat of paint. Rehabilitation of the existing brick foundation and chimneys is also needed.</p> <p>The 2012 Guest House Master Plan recommends other upgrades as well, including: upgrade of windows for ultraviolet light protection, improved pedestrian facilities, and updated exterior signage and lighting. This project will be phased over two fiscal years and have a total cost of \$397k. Other smaller projects planned for the four years are detailed in the Internal Service Funds table for facilities.</p>									
For Continuing Projects									
Original Project Adopted Budget		\$ 396,625		Project Status :					
Budget FY 19/20		(83,000)							
Total Approved Project Budget :		\$ 313,625							
Estimated Expenditures: June		(263,625)							
Remaining Budget Balance:		\$ 50,000							
A23:A24 Project Cost Details									
Activity	Prior Year	FY 19-20	FY 20-21	FY 21-22	FY 22-23	FY 23-24	Future	Total	
Professional Services								-	
Construction	263,625	83,000	50,000					396,625	
Equipment/Machinery								-	
Other								-	
Total Project Cost	\$ 263,625	\$ 83,000	\$ 50,000	\$ -	\$ -	\$ -	\$ -	\$ 396,625	
Funding Source(s)									
Source(s)	Prior Year	FY 19-20	FY 20-21	FY 21-22	FY 22-23	FY 23-24	Future	Total	
Fund: 530								-	
Internal Service funds	263,625	83,000	50,000					396,625	
								-	
Total Funding	\$ 263,625	\$ 83,000	\$ 50,000	\$ -	\$ -	\$ -	\$ -	\$ 396,625	
Operating Impact of Project									
Expenditure Line Item	Prior Year	FY 19-20	FY 20-21	FY 21-22	FY 22-23	FY 23-24	Future	Total	
Maintenance & Repair	-	-	-	45,000	-	-	50,000	95,000	
Other			310	550	568	587		2,015	
Total Operating Impact	\$ -	\$ -	\$ 310	\$ 45,550	\$ 568	\$ 587	\$ 50,000	\$ 97,015	



**CAPITAL IMPROVEMENT PROGRAM PROJECT DETAILS**

Project: CITY HALL IMPROVEMENTS									
Category:	Municipal Facilities								
Fund/Task Code:	417/PW 95								
Department:	Public Works								
Priority:									
Funding Source(s):	Internal Service Fund								
Est. Projected Costs	\$171,233								
Expected Completion Date:	FY 2019/20								
Cumulative Prior Year Funding:	\$	93,233							
FY 19/20 Funding:	\$	78,000							
Project Description									
Rehabilitation from deferred maintenance has been on-going for several years. The remaining large capital project is to repair the roof over City Hall. Other smaller projects planned for the four years are detailed in the Internal Service Funds table for facilities.									
For Continuing Projects									
Original Project Adopted Budget	\$	171,233	Project Status :						
Budget FY 19/20		(78,000)	As part of a consolidated contract with the Guest House, City Hall was painted during FY 17/18. In addition, an electric vehicle charging station was installed in the adjacent parking lot. This work was done in partnership with the Mendocino Land Trust using funding from PG&E. It is a single charging station that can accommodate two electric vehicles simultaneously.						
Total Approved Project Budget :	\$	93,233							
Expenditures:		(93,233)							
Remaining Budget Balance:	\$	-							
Project Cost Details									
Activity	Prior Year	FY 19-20	FY 20-21	FY 21-22	FY 22-23	FY 23-24	Future	Total	
Professional Services								-	
Construction	93,233	78,000						171,233	
Equipment/Machinery								-	
Other								-	
Total Project Cost	\$ 93,233	\$ 78,000	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 171,233	
Funding Source(s)									
Source(s)	Prior Year	FY 19-20	FY 20-21	FY 21-22	FY 22-23	FY 23-24	Future	Total	
Fund: 530								-	
Internal Service funds	93,233	78,000						171,233	
								-	
Total Funding	\$ 93,233	\$ 78,000	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 171,233	
Operating Impact of Project									
Expenditure Line Item	Prior Year	FY 19-20	FY 20-21	FY 21-22	FY 22-23	FY 23-24	Future	Total	
Maintenance & Repair	7,000	-	-	25,000	5,000	10,000	65,000	112,000	
Other		200	207	213	300	310		1,230	
Total Operating Impact	\$ 7,000	\$ 200	\$ 207	\$ 25,213	\$ 5,300	\$ 10,310	\$ 65,000	\$ 113,230	



**Project: EAST CITY HALL, STRUCTURAL & POOL BLD.STABILIZATION**

<b>Category:</b>	Municipal Facilities
<b>Fund/Task Code:</b>	418/PW 102
<b>Department:</b>	Public Works
<b>Priority:</b>	
<b>Funding Source(s):</b>	Internal Service Fund
<b>Est. Projected Costs</b>	\$ 60,750
<b>Expected Completion Date:</b>	
<b>Cumulative Prior Year Funding:</b>	\$ 60,750
<b>FY 19/20 Funding:</b>	\$ -

**Project Description**

In 2010, Indigo Hammond + Playle Architects in association with Point 2 Structural Engineers produced the "Structural and Use Study of City Hall East." Various recommendations were made to repair parts of the gymnasium and the old indoor pool.

The first priority was to save the structure if feasible. Substantial structural repairs are necessary to accomplish this. The loft/mezzanine structures should be removed. The gymnasium needs some structural work as well.

Initial stabilization of the old pool building is proposed at estimated cost of \$160,000. This work will trigger the requirement to install a fire sprinkler system at an additional cost estimated to be \$40,000. This portion of the project has been postponed until direction from the City Council has been provided.

Structure stabilization and fire sprinklers are being planned for FY 21/22.

**For Continuing Projects**

<b>Original Project Adopted Budget</b>	\$ 60,750	<b>Project Status :</b>
<b>Budget FY 19/20</b>	-	
<b>Total Approved Project Budget :</b>	<b>\$ 60,750</b>	
<b>Expenditures:</b>	(60,750)	
<b>Remaining Budget Balance:</b>	<b>\$ -</b>	

**Project Cost Details**

Activity	Prior Year	FY 19-20	FY 20-21	FY 21-22	FY 22-23	FY 23-24	Future	Total
<b>Professional Services</b>								-
<b>Construction</b>	60,750	-	-					60,750
<b>Equipment/Machinery</b>								-
<b>Other</b>								-
<b>Total Project Cost</b>	\$ 60,750	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 60,750

**Funding Source(s)**

Source(s)	Prior Year	FY 19-20	FY 20-21	FY 21-22	FY 22-23	FY 23-24	Future	Total
<b>Fund: 530</b>								-
<b>Internal Service funds</b>	60,750							60,750
								-
<b>Total Funding</b>	\$ 60,750	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 60,750

**Operating Impact of Project**


Expenditure Line Item	Prior Year	FY 19-20	FY 20-21	FY 21-22	FY 22-23	FY 23-24	Future	Total
<b>Maintenance &amp; Repair</b>		200	207	213	220	228		1,068
<b>Other</b>								-
<b>Total Operating Impact</b>	\$ -	\$ 200	\$ 207	\$ 213	\$ 220	\$ 228	\$ -	\$ 1,068

**CAPITAL IMPROVEMENT PROGRAM PROJECT DETAILS**

Project: HWY 20 FIRE STATION								
Category:	Municipal Facilities							
Fund/Task Code:	N/a							
Department:	Public Works							
Priority:								
Funding Source(s):	No Construction Funding Secured							
Est. Projected Costs	\$ 515,000							
Expected Completion Date:	Beyond CIP							
Cumulative Prior Year Funding:	\$ -							
FY 19/20 Funding:	\$ -							
No Picture available.								
Project Description								
<p>The City of Fort Bragg owns property at the northeast corner of State Hwy 20 and Babcock Lane that contains a 300,000 gallon water storage tank, and a large storage facility that houses fire equipment for the Fire Joint Powers Authority. Old structures have been replaced.</p> <p>The site has City water service. City sewer service from the Old Willits Road has not been extended to this location yet. The remaining goal is to construct an apartment and extend sewer service to the area.</p> <p>This project is presently beyond the current five year CIP. A funding source has not been identified at this time.</p>								
For Continuing Projects								
Original Project Adopted Budget	\$ -	Project Status :						
Budget FY 19/20	-	N/A						
Total Approved Project Budget :	\$ -							
Expenditures:	-							
Remaining Budget Balance:	\$ -							
Project Cost Details								
Activity	Prior Year	FY 19-20	FY 20-21	FY 21-22	FY 22-23	FY 23-24	Future	Total
Professional Services								-
Construction	-	-	-				515,000	515,000
Equipment/Machinery								-
Other								-
Total Project Cost	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 515,000	\$ 515,000
Funding Source(s)								
Source(s)	Prior Year	FY 19-20	FY 20-21	FY 21-22	FY 22-23	FY 23-24	Future	Total
Fund: N/A								-
Unidentified Funding:	-						515,000	515,000
Total Funding	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 515,000	\$ 515,000
Operating Impact of Project								
Expenditure Line Item	Prior Year	FY 19-20	FY 20-21	FY 21-22	FY 22-23	FY 23-24	Future	Total
Personnel Costs								-
Supplies and Materials								-
Maintenance & Repair								-
Other								-
Total Operating Impact	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -



Project: MAIN ST, FIRE STATION REHABILITATION									
Category:		Municipal Facilities							
Fund/Task Code:		N/a							
Department:		Public Works							
Priority:									
Funding Source(s):		No Construction Funding Secured							
Est. Projected Costs		\$ 2,015,000							
Expected Completion Date:		FY 2023/24							
Cumulative Prior Year Funding:		\$ -							
FY 19/20 Funding:		\$ -							
Project Description									
<p>In March 2007, the City completed a Public Facilities Master Plan. As a part of the master plan, a preliminary structural analysis of the Main Street Fire Station was completed, with findings and recommendations incorporated into the report. This analysis identified numerous deficiencies in the Fire Station and the risk of structural damage in the event of a major earthquake.</p> <p>The report estimated that making necessary seismic upgrades to the north wing would cost about \$175 per square foot; the south wing would cost about \$50 per square foot and the newer middle section costs would be about \$20 per square foot. As a follow up to the Facilities Master Plan, the City secured a Community Development Block Grant to complete a more extensive evaluation of the structure and foundation to more specifically identify structural fixes to bring the building to current standards. I.L. Welty &amp; Associates completed the structural review and provided recommendations as well as estimates for repair.</p> <p>This work was completed in March 2009 and includes recommendations and estimates. Under a separate contract with I.L. Welty &amp; Associates, the Fire JPA authorized preparation of plans and specifications for construction of Fire Station improvements as outlined within the master plan and follow up structural evaluation.</p> <p>This project is presently beyond the current five year CIP. A funding source is yet to be identified.</p>									
For Continuing Projects									
Original Project Adopted Budget		\$ -		Project Status :					
Budget FY 19/20		-		N/A					
Total Approved Project Budget :		\$ -							
Expenditures:		-							
Remaining Budget Balance:		\$ -							
Project Cost Details									
Activity	Prior Year	FY 19-20	FY 20-21	FY 21-22	FY 22-23	FY 23-24	Future	Total	
Professional Services								-	
Construction	-	-	-			2,015,000		2,015,000	
Equipment/Machinery								-	
Other								-	
Total Project Cost	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 2,015,000	\$ -	\$ 2,015,000	
Funding Source(s)									
Source(s)	Prior Year	FY 19-20	FY 20-21	FY 21-22	FY 22-23	FY 23-24	Future	Total	
Fund: N/A								-	
Unidentified Funding:	-					2,015,000		2,015,000	
								-	
Total Funding	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 2,015,000	\$ -	\$ 2,015,000	
Operating Impact of Project									
Expenditure Line Item	Prior Year	FY 18-19	FY 19-20	FY 20-21	FY 21-22	FY 22-23	Future	Total	
Personnel Costs								-	
Supplies and Materials								-	
Maintenance & Repair								-	
Other								-	
Total Operating Impact	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	

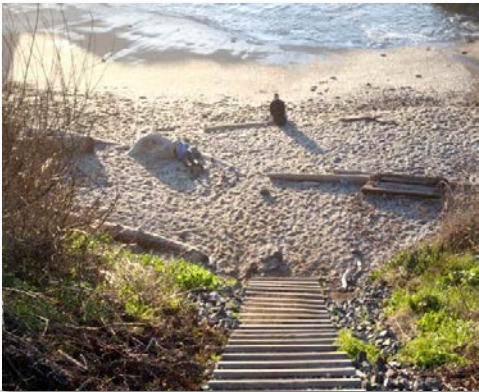


**CAPITAL IMPROVEMENT PROGRAM PROJECT DETAILS**


Project: TOWN HALL EXTERIOR PAINTING									
Category:	Municipal Facilities								
Fund/Task Code:	N/a								
Department:	Public Works								
Priority:									
Funding Source(s):	Internal Service Funds								
Est. Projected Costs	\$ 62,000								
Expected Completion Date:	FY 2021/22								
Cumulative Prior Year Funding:	\$ -								
FY 19/20 Funding:	\$ -								
Picture									
Project Description									
Project Description: Based on an expected 10 year life-cycle for exterior paint, the outside of Town Hall will be ready to be repainted in FY 21/22.									
For Continuing Projects									
Original Project Adopted Budget	\$ -	Project Status :							
Budget FY 19/20	-	N/A							
Total Approved Project Budget :	\$ -								
Expenditures:	-								
Remaining Budget Balance:	\$ -								
Project Cost Details									
Activity	Prior Year	FY 19-20	FY 20-21	FY 21-22	FY 22-23	FY 23-24	Future	Total	
Professional Services				62,000				62,000	
Construction	-	-	-					-	
Equipment/Machinery								-	
Other								-	
Total Project Cost	\$ -	\$ -	\$ -	\$ 62,000	\$ -	\$ -	\$ -	\$ 62,000	
Funding Source(s)									
Source(s)	Prior Year	FY 19-20	FY 20-21	FY 21-22	FY 22-23	FY 23-24	Future	Total	
Fund: 520								-	
Internal Service Funds	-			62,000				62,000	
								-	
Total Funding	\$ -	\$ -	\$ -	\$ 62,000	\$ -	\$ -	\$ -	\$ 62,000	
Operating Impact of Project									
Expenditure Line Item	Prior Year	FY 18-19	FY 19-20	FY 20-21	FY 21-22	FY 22-23	Future	Total	
Personnel Costs								-	
Supplies and Materials								-	
Maintenance & Repair								-	
Other								-	
Total Operating Impact	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	

**CAPITAL IMPROVEMENT PROGRAM PROJECT DETAILS**

Project: POLICE DEPARTMENT ROOF REPLACEMENT									
Category:	Municipal Facilities								
Fund/Task Code:	N/a								
Department:	Public Works								
Priority:									
Funding Source(s):	ISF - Facilities								
Est. Projected Costs	\$ 70,000								
Expected Completion Date:	N/A								
Cumulative Prior Year Funding:	\$ -								
FY 19/20 Funding:	\$ -								
<b>Project Description</b> Based on an expected 30 year life-cycle for roofs, the Police Department roof will be ready for replacement approximately in FY 24/25.									
<b>For Continuing Projects</b>									
Original Project Adopted Budget	\$ -	<b>Project Status :</b> N/A							
Budget FY 19/20	-								
<b>Total Approved Project Budget :</b>	\$ -								
Expenditures:	-								
<b>Remaining Budget Balance:</b>	\$ -								
<b>Project Cost Details</b>									
<b>Activity</b>	<b>Prior Year</b>	<b>FY 19-20</b>	<b>FY 20-21</b>	<b>FY 21-22</b>	<b>FY 22-23</b>	<b>FY 23-24</b>	<b>Future</b>	<b>Total</b>	
Professional Services								-	
Construction	-	-	-				70,000	70,000	
Equipment/Machinery								-	
Other								-	
<b>Total Project Cost</b>	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 70,000	\$ 70,000	
<b>Funding Source(s)</b>									
<b>Source(s)</b>	<b>Prior Year</b>	<b>FY 19-20</b>	<b>FY 20-21</b>	<b>FY 21-22</b>	<b>FY 22-23</b>	<b>FY 23-24</b>	<b>Future</b>	<b>Total</b>	
<b>Fund: 520</b>								-	
Internal Service Funds	-					-	70,000	70,000	
								-	
<b>Total Funding</b>	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 70,000	\$ 70,000	
<b>Operating Impact of Project</b>									
<b>Expenditure Line Item</b>	<b>Prior Year</b>	<b>FY 18-19</b>	<b>FY 19-20</b>	<b>FY 20-21</b>	<b>FY 21-22</b>	<b>FY 22-23</b>	<b>Future</b>	<b>Total</b>	
Personnel Costs								-	
Supplies and Materials								-	
Maintenance & Repair								-	
Other								-	
<b>Total Operating Impact</b>	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	


Project: GLASS BEACH STAIRCASE									
Category:	Parks & Community Services								
Fund/Task Code:	407/CDD 20								
Department:	CDD/PW								
Priority:									
Funding Source(s):	(i) General Fund (ii) Unidentified Funding								
Est. Projected Costs	\$ 233,856								
Expected Completion Date:									
Cumulative Prior Year Funding:	\$ 33,856								
FY 19/20 Funding:	\$ -								
									
Project Description									
<p>The design of the replacement staircase has been completed after evaluation of construction alternatives. The original Coastal Trail staircase to Glass Beach was damaged by winter weather and accompanying heavy surf. A substantial concrete staircase with heavy fenders at the beach landing is being designed. Construction has been estimated at \$200,000.</p>									
For Continuing Projects									
Original Project Adopted Budget	\$ 33,856	<b>Project Status :</b>							
Approved Budget	-	Project has been put on hold per City Council direction received at the FY 2019/20 Budget workshop.							
<b>Total Approved Project Budget :</b>	<b>33,856</b>								
Expenditures:	(33,856)								
<b>Remaining Budget Balance:</b>	<b>\$ -</b>								
Project Cost Details									
Activity	Prior Year	FY 19-20	FY 20-21	FY 21-22	FY 22-23	FY 23-24	Future	Total	
Professional Services								-	
Construction	33,856		-					33,856	
Equipment/Machinery								-	
Other								-	
<b>Total Project Cost</b>	<b>\$ 33,856</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ 33,856</b>	
Funding Source(s)									
Source(s)	Prior Year	FY 19-20	FY 20-21	FY 21-22	FY 22-23	FY 23-24	Future	Total	
<b>Fund:</b>								-	
110 - Measure AA/AB	32,807						-	32,807	
122 - Parkland Monitoring								-	
<b>Total Funding</b>	<b>\$ 32,807</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ 32,807</b>	
Operating Impact of Project									
Expenditure Line Item	Prior Year	FY 18-19	FY 19-20	FY 20-21	FY 21-22	FY 22-23	Future	Total	
Maintenance & Repair		700	723	747	771	797	823	4,561	
Other								-	
<b>Total Operating Impact</b>	<b>\$ -</b>	<b>\$ 700</b>	<b>\$ 723</b>	<b>\$ 747</b>	<b>\$ 771</b>	<b>\$ 797</b>	<b>\$ 823</b>	<b>\$ 4,561</b>	

Project: BAINBRIDGE PARK IMPROVEMENTS								
<b>Category:</b>			Parks & Community Services					
<b>Fund/Task Code:</b>			419/PW 96					
<b>Department:</b>			PW/CDD/PD					
<b>Priority:</b>								
<b>Funding Source(s):</b>			Prop: 68 Grant					
<b>Est. Projected Costs</b>			\$ 800,000					
<b>Expected Completion Date:</b>			FY 2020/21					
<b>Cumulative Prior Year Funding:</b>			\$ -					
<b>FY 19/20 Funding:</b>			\$ -					
<b>Project Description</b>								
This is a collaborative project for Public Works with support from Community Development and Police Departments. The project's purpose is to restore the "family friendly" environment at Bainbridge Park. Previously, the following improvements were accomplished: restoring the tennis court, restore the basketball court, and add decorative fencing. The next phase will be the full rehabilitation of the Wiggly Giggly playground and the construction of a pavilion. Creation of bid documents, construction, and construction management is pending securing grant funding. Proposition 68 funds are being pursued. \$270k- Wigly Giggly, \$400k - Pavilion and Non-Construction \$130k								
<b>For Continuing Projects</b>								
Original Project Adopted Budget			\$ -		<b>Project Status :</b>			
Approved Budget Increases/Decreases			\$ -		The first portion of the Master Plan improvements was completed in late 2017. Improvements included: an expanded basketball court, re-surfaced tennis court, a new perimeter fence and landscaping upgrades.			
<b>Total Approved Project Budget :</b>			\$ -					
Expenditures:			\$ -					
<b>Remaining Budget Balance:</b>			\$ -					
<b>Project Cost Details</b>								
<b>Activity</b>	<b>Prior Year</b>	<b>FY 19-20</b>	<b>FY 20-21</b>	<b>FY 21-22</b>	<b>FY 22-23</b>	<b>FY 23-24</b>	<b>Future</b>	<b>Total</b>
Professional Services								-
Construction			670,000				-	670,000
Equipment/Machinery								-
Other								-
<b>Total Project Cost</b>	\$ -	\$ -	\$ 670,000	\$ -	\$ -	\$ -	\$ -	\$ 670,000
<b>Funding Source(s)</b>								
<b>Source(s)</b>	<b>Prior Year</b>	<b>FY 19-20</b>	<b>FY 20-21</b>	<b>FY 21-22</b>	<b>FY 22-23</b>	<b>FY 23-24</b>	<b>Future</b>	<b>Total</b>
<b>Fund:</b>								-
Unidentified Funding	-		670,000				-	670,000
								-
								-
<b>Total Funding</b>	\$ -	\$ -	\$ 670,000	\$ -	\$ -	\$ -	\$ -	\$ 670,000
<b>Operating Impact of Project</b>								
<b>Expenditure Line Item</b>	<b>Prior Year</b>	<b>FY 19-20</b>	<b>FY 20-21</b>	<b>FY 21-22</b>	<b>FY 22-23</b>	<b>FY 23-24</b>	<b>Future</b>	<b>Total</b>
Personnel Costs		4,000	4,156	4,312	4,468	4,624		21,560
Maintenance & Repair		400	416	431	447	462		2,156
Other								-
<b>Total Operating Impact</b>	\$ -	\$ 4,400	\$ 4,572	\$ 4,743	\$ 4,915	\$ 5,086	\$ -	\$ 23,716




**CAPITAL IMPROVEMENT PROGRAM PROJECT DETAILS**

Project: POMO BLUFFS PARK												
<b>Category:</b>	Parks & Community Services											
<b>Fund/Task Code:</b>												
<b>Department:</b>	PW											
<b>Priority:</b>												
<b>Funding Source(s):</b>	ISF											
<b>Est. Projected Costs</b>	\$	50,000										
<b>Expected Completion Date:</b>	FY 2022/23											
<b>Cumulative Prior Year Funding:</b>	\$	-										
<b>FY 19/20 Funding:</b>	\$	-										
Project Description												
Based on an expected 20 year life-cycle for paving, the Pomo Bluffs parking lot will be ready to be repaved in FY 22/23. Other minor park rehabilitation work may be added to the project as needed.												
For Continuing Projects												
Original Project Adopted Budget	\$	-	<b>Project Status :</b>									
Approved Budget Increases/Decreases		-										
<b>Total Approved Project Budget :</b>	\$	-										
Expenditures:		-										
<b>Remaining Budget Balance:</b>	\$	-										
Project Cost Details												
Activity	Prior Year	FY 19-20	FY 20-21	FY 21-22	FY 22-23	FY 23-24	Future	Total				
Professional Services								-				
Construction					50,000		-	50,000				
Equipment/Machinery								-				
Other								-				
<b>Total Project Cost</b>	\$	-	\$	-	\$	-	\$	50,000	\$	-	\$	50,000
Funding Source(s)												
Source(s)	Prior Year	FY 19-20	FY 20-21	FY 21-22	FY 22-23	FY 23-24	Future	Total				
<b>Fund:</b>								-				
ISF		-			50,000		-	50,000				
								-				
								-				
<b>Total Funding</b>	\$	-	\$	-	\$	-	\$	50,000	\$	-	\$	50,000
Operating Impact of Project												
Expenditure Line Item	Prior Year	FY 19-20	FY 20-21	FY 21-22	FY 22-23	FY 23-24	Future	Total				
Personnel Costs								-				
Maintenance & Repair								-				
Other								-				
<b>Total Operating Impact</b>	\$	-	\$	-	\$	-	\$	-	\$	-	\$	-


Project: DOWNTOWN CROSSWALK REHAB									
<b>Category:</b>	Street Maintenance & Traffic								
<b>Fund/Task Code:</b>	420/PW 98								
<b>Department:</b>	Public Works								
<b>Priority:</b>									
<b>Funding Source(s):</b>	Street Sales Tax								
<b>Est. Projected Costs</b>	\$	62,300							
<b>Expected Completion Date:</b>	Beyond CIP								
<b>Cumulative Prior Year Funding:</b>	\$	-							
<b>FY 19/20 Funding:</b>	\$	-							
									
<b>Project Description</b>									
<p>Rehabilitating the stamped asphalt crosswalks in downtown will ensure their long-term viability. Many of the cross walks were rehabilitated in 2012. They are showing signs of wear and are ready for another round of rehabilitation.</p> <p>This project is consistent with the City's priority of keeping the downtown looking fresh and clean to maximize its economic strength and to help ensure Fort Bragg's success as a visitor destination.</p>									
<b>For Continuing Projects</b>									
Original Project Adopted Budget		<b>Project Status :</b>							
Approved Budget:Increases/ Decreases	-								
Total Approved Project Budget :	-								
Expenditures:	-								
Remaining Budget Balance:	\$ -								
<b>Project Cost Details</b>									
<b>Activity</b>	<b>Prior Year</b>	<b>FY 19-20</b>	<b>FY 20-21</b>	<b>FY 21-22</b>	<b>FY 22-23</b>	<b>FY 23-24</b>	<b>Future</b>	<b>Total</b>	
Professional Services								-	
Construction		-	-	-	-	-	62,300	62,300	
Equipment/Machinery								-	
Other								-	
<b>Total Project Cost</b>	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 62,300	\$ 62,300	
<b>Funding Source(s)</b>									
<b>Source(s)</b>	<b>Prior Year</b>	<b>FY 19-20</b>	<b>FY 20-21</b>	<b>FY 21-22</b>	<b>FY 22-23</b>	<b>FY 23-24</b>	<b>Future</b>	<b>Total</b>	
<b>Fund:</b>								-	
250 - Special Sales Tax		-		-		-	62,300	62,300	
								-	
								-	
<b>Total Funding</b>	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 62,300	\$ 62,300	
<b>Operating Impact of Project</b>									
<b>Expenditure Line Item</b>	<b>Prior Year</b>	<b>FY 19-20</b>	<b>FY 20-21</b>	<b>FY 21-22</b>	<b>FY 22-23</b>	<b>FY 23-24</b>	<b>Future</b>	<b>Total</b>	
Maintenance & Repair		650	650	650	650	650	-	3,250	
Other								-	
<b>Total Operating Impact</b>	\$ -	\$ 1,250	\$ 1,250	\$ 1,250	\$ 1,250	\$ 1,250	\$ -	\$ 6,250	





Project: PUC RULE 20 PROJECT (UTILITY UNDERGROUND)								
Category:	Municipal Facilities							
Fund/Task Code:	N/a							
Department:	Public Works							
Priority:								
Funding Source(s):	No Construction Funding Secured							
Est. Projected Costs	\$ 1,240,000							
Expected Completion Date:	FY 23/24							
Cumulative Prior Year Funding:	\$ -							
FY 19/20 Funding:	\$ -							
No Picture available.								
Project Description								
<p>Public Utilities Commission (PUC) Rule 20A requires PG&amp;E to annually set aside monies for the purpose of undergrounding electric utility infrastructure. As of March 31, 2018, the City's account balance is \$1,215,827. The City receives an additional \$36,000 each year to build up this account. Undergrounding of utilities are normally coordinated with street construction projects to ensure a new pavement surface over extensive utility trenching. For a typical 400 foot City block, the undergrounding cost is approximately \$250,000. Coordinating with PG&amp;E for design and utility undergrounding can take from two to three years before street construction can follow.</p>								
For Continuing Projects								
Original Project Adopted Budget	\$ -	Project Status :						
Approved Budget	-	N/A						
Total Approved Project Budget :	\$ -							
Expenditures:	-							
Remaining Budget Balance:	\$ -							
Project Cost Details								
Activity	Prior Year	FY 19-20	FY 20-21	FY 21-22	FY 22-23	FY 23-24	Future	Total
Professional Services								-
Construction	-	-	-			1,240,000		1,240,000
Equipment/Machinery								-
Other								-
Total Project Cost	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 1,240,000		\$ 1,240,000
Funding Source(s)								
Source(s)	Prior Year	FY 19-20	FY 20-21	FY 21-22	FY 22-23	FY 23-24	Future	Total
Fund: N/A								-
Unidentified Funding:	-					1,240,000	-	1,240,000
								-
Total Funding	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 1,240,000	\$ -	\$ 1,240,000
Operating Impact of Project								
Expenditure Line Item	Prior Year	FY 19-20	FY 20-21	FY 21-22	FY 22-23	FY 23-24	Future	Total
Personnel Costs								-
Supplies and Materials								-
Maintenance & Repair								-
Other								-
Total Operating Impact	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	-

Project: SOUTH MAIN ST.BIKE & PED IMPROVEMENTS								
Category:	Street Maintenance & Traffic							
Fund/Task Code:	N/A							
Department:	PW							
Priority:								
Funding Source(s):	STIP							
Est. Projected Costs	\$ 800,000							
Expected Completion Date:	FY 2021/22							
Cumulative Prior Year Funding:	Nil							
FY 19/20 Funding:	\$ 45,000							
								
<b>Project Description</b>								
Install pedestrian and bicycle improvements along the west frontage of S. Main Street (State Highway 1) from N. Noyo Point Rd. to Cypress Street. Upgrade pedestrian facilities in affected intersections. Since the passage of SB-1, funding has been restored by the State through its State Transportation Improvement Program (STIP).								
<b>For Continuing Projects</b>								
Original Project Adopted Budget	\$ -	<b>Project Status :</b>						
Approved Budget Increases/Decreases	-	N/A						
Total Approved Project Budget :	-							
Expenditures:	-							
Remaining Budget Balance:	\$ -							
<b>Project Cost Details</b>								
Activity	Prior Year	FY 19-20	FY 20-21	FY 21-22	FY 22-23	FY 23-24	Future	Total
Professional Services		45,000	50,000					95,000
Construction	-			450,000	255,000	-		705,000
Equipment/Machinery								-
Other								-
<b>Total Project Cost</b>	\$ -	\$ 45,000	\$ 50,000	\$ 450,000	\$ 255,000	\$ -	\$ -	\$ 800,000
<b>Funding Source(s)</b>								
Source(s)	Prior Year	FY 19-20	FY 20-21	FY 21-22	FY 22-23	FY 23-24	Future	Total
<b>Fund:</b>								-
STIP	-	45,000	50,000	450,000	255,000	-		800,000
								-
								-
<b>Total Funding</b>	\$ -	\$ 45,000	\$ 50,000	\$ 450,000	\$ 255,000	\$ -	\$ -	\$ 800,000
<b>Operating Impact of Project</b>								
Expenditure Line Item	Prior Year	FY 19-20	FY 20-21	FY 21-22	FY 22-23	FY 23-24	Future	Total
Personnel Costs								-
Supplies and Materials								-
Maintenance & Repair				1,000	1,033	1,067		3,100
Other								-
<b>Total Operating Impact</b>	\$ -	\$ -	\$ -	\$ 1,000	\$ 1,033	\$ 1,067	\$ -	\$ 3,100


**CAPITAL IMPROVEMENT PROGRAM PROJECT DETAILS**

Project: 2019 STREET REHAB								
<b>Category:</b>	Street Maintenance & Traffic							
<b>Fund/Task Code:</b>								
<b>Department:</b>	Public Works							
<b>Priority:</b>								
<b>Funding Source(s):</b>	Street Sales Tax & LPP							
<b>Est. Projected Costs</b>	<b>\$</b>	<b>2,150,000</b>						
<b>Expected Completion Date:</b>	FY 2019/20							
<b>Cumulative Prior Year Funding:</b>	<b>\$</b>	<b>150,000</b>						
<b>FY 19/20 Funding:</b>	<b>\$</b>	<b>2,000,000</b>						
								
Project Description								
<p>This project will rehabilitate from 14 to 17 dead end streets and other short segments throughout the City. It is funded with a combination of monies from the FY 17/18 and FY 18/19 cycles of the Local Partnership Program (LPP) of SB-1 (\$200,000) and Street Sales Tax (\$1,800,000).</p>								
For Continuing Projects								
Original Project Adopted Budget	\$	2,150,000	<b>Project Status :</b>					
Approved Budget: Increases/ Decreases		(2,000,000)						
<b>Total Approved Project Budget :</b>		<b>150,000</b>						
Expenditures:		(150,000)						
<b>Remaining Budget Balance:</b>	<b>\$</b>	<b>-</b>						
Project Cost Details								
Activity	Prior Year	FY 19-20	FY 20-21	FY 21-22	FY 22-23	FY 23-24	Future	Total
Professional Services								-
Construction	150,000	2,000,000	-		-	-	-	2,150,000
Equipment/Machinery								-
Other								-
<b>Total Project Cost</b>	<b>\$ 150,000</b>	<b>\$ 2,000,000</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ 2,150,000</b>
Funding Source(s)								
Source(s)	Prior Year	FY 19-20	FY 20-21	FY 21-22	FY 22-23	FY 23-24	Future	Total
<b>Fund:</b>								-
250 - Special Sales Tax	150,000	1,800,000				-		1,950,000
LPP - Grant		200,000						200,000
<b>Total Funding</b>	<b>\$ 150,000</b>	<b>\$ 2,000,000</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ 2,150,000</b>
Operating Impact of Project								
Expenditure Line Item	Prior Year	FY 19-20	FY 20-21	FY 21-22	FY 22-23	FY 23-24	Future	Total
Personnel Costs			2,800	2,800	2,800	2,800		11,200
Supplies and Materials			500	500	500	500		2,000
Maintenance & Repair			200	200	200	200		800
Other								-
<b>Total Operating Impact</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ 3,500</b>	<b>\$ 3,500</b>	<b>\$ 3,500</b>	<b>\$ 3,500</b>	<b>\$ -</b>	<b>\$ 14,000</b>

Project: MAPLE STREET & SD REHABILITATION								
<b>Category:</b>	Street Maintenance & Traffic							
<b>Fund/Task Code:</b>								
<b>Department:</b>	Public Works							
<b>Priority:</b>								
<b>Funding Source(s):</b>	Street Sales Tax & LPP							
<b>Est. Projected Costs</b>	\$	<b>650,000</b>						
<b>Expected Completion Date:</b>	FY 2019/20							
<b>Cumulative Prior Year Funding:</b>								
<b>FY 19/20 Funding:</b>	\$	<b>650,000</b>						
								
Project Description								
This project will rehabilitate a portion of Maple Street in the vicinity of Park Street due to a failed storm drain pipe. It is funded with a combination of monies from the FY 19/20 cycle Local Partnership Program (LPP) of SB-1 (\$100,000) and Street Sales Tax (\$550,000).								
For Continuing Projects								
Original Project Adopted Budget	\$	650,000	<b>Project Status :</b>					
Approved Budget: Increases/ Decreases		(650,000)						
<b>Total Approved Project Budget :</b>		-						
Expenditures:								
<b>Remaining Budget Balance:</b>	\$	-						
Project Cost Details								
Activity	Prior Year	FY 19-20	FY 20-21	FY 21-22	FY 22-23	FY 23-24	Future	Total
Professional Services								-
Construction		650,000	-		-	-	-	650,000
Equipment/Machinery								-
Other								-
<b>Total Project Cost</b>	\$ -	\$ 650,000	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 650,000
Funding Source(s)								
Source(s)	Prior Year	FY 19-20	FY 20-21	FY 21-22	FY 22-23	FY 23-24	Future	Total
<b>Fund:</b>								-
250 - Special Sales Tax	-	550,000				-		550,000
LPP - Grant		100,000						100,000
								-
<b>Total Funding</b>	\$ -	\$ 650,000	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 650,000
Operating Impact of Project								
Expenditure Line Item	Prior Year	FY 19-20	FY 20-21	FY 21-22	FY 22-23	FY 23-24	Future	Total
Personnel Costs			2,800	2,800	2,800	2,800		11,200
Supplies and Materials			500	500	500	500		2,000
Maintenance & Repair			200	200	200	200		800
Other								-
<b>Total Operating Impact</b>	\$ -	\$ -	\$ 3,500	\$ 3,500	\$ 3,500	\$ 3,500	\$ -	\$ 14,000

Project: CV STARR POOL BASIN									
<b>Category:</b>	Street Maintenance & Traffic								
<b>Fund/Task Code:</b>									
<b>Department:</b>	Public Works								
<b>Priority:</b>									
<b>Funding Source(s):</b>	CV Starr Enterprise								
<b>Est. Projected Costs</b>	<b>\$</b>	<b>350,000</b>							
<b>Expected Completion Date:</b>	FY 2019/20								
<b>Cumulative Prior Year Funding:</b>									
<b>FY 19/20 Funding:</b>	<b>\$</b>	<b>350,000</b>							
									
<b>Project Description</b>									
<p>The pools were originally constructed in 2009. Staff have been patching holes in the plaster pool surface in order to continue offering aquatic programs. The surfaces are rapidly deteriorating. The pools will be re-lined in accordance to specifications of a Bid Document that shall include providing all materials, labor equipment and services necessary to furnish and install Pool interior. Surface preparation shall be dictated by prevailing substrate conditions of each pool. Expansion joints encountered shall be restored and re-sealed. The intention of the specifications is to require work, which will result in a fully renewed interior surface of the pools, in essentially like-new condition. The interior lining, and all related work should be expected to perform without failure for well beyond a decade.</p>									
<b>For Continuing Projects</b>									
Original Project Adopted Budget		<b>Project Status :</b>							
Approved Budget: Increases/ Decreases									
<b>Total Approved Project Budget :</b>	<b>-</b>								
Expenditures:									
<b>Remaining Budget Balance:</b>	<b>\$ -</b>								
<b>Project Cost Details</b>									
<b>Activity</b>	<b>Prior Year</b>	<b>FY 19-20</b>	<b>FY 20-21</b>	<b>FY 21-22</b>	<b>FY 22-23</b>	<b>FY 23-24</b>	<b>Future</b>	<b>Total</b>	
Professional Services								-	
Construction		350,000	-		-	-	-	350,000	
Equipment/Machinery								-	
Other								-	
<b>Total Project Cost</b>	<b>\$ -</b>	<b>\$ 350,000</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ 350,000</b>	
<b>Funding Source(s)</b>									
<b>Source(s)</b>	<b>Prior Year</b>	<b>FY 19-20</b>	<b>FY 20-21</b>	<b>FY 21-22</b>	<b>FY 22-23</b>	<b>FY 23-24</b>	<b>Future</b>	<b>Total</b>	
<b>Fund:</b>								-	
CV Starr Enterprise	-	350,000				-		350,000	
								-	
								-	
<b>Total Funding</b>	<b>\$ -</b>	<b>\$ 350,000</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ 350,000</b>	
<b>Operating Impact of Project</b>									
<b>Expenditure Line Item</b>	<b>Prior Year</b>	<b>FY 19-20</b>	<b>FY 20-21</b>	<b>FY 21-22</b>	<b>FY 22-23</b>	<b>FY 23-24</b>	<b>Future</b>	<b>Total</b>	
Personnel Costs								-	
Supplies and Materials			300	400	400	400		1,500	
Maintenance & Repair					200	400		600	
Other								-	
<b>Total Operating Impact</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ 300</b>	<b>\$ 400</b>	<b>\$ 600</b>	<b>\$ 800</b>	<b>\$ -</b>	<b>\$ 2,100</b>	

**CAPITAL IMPROVEMENT PROGRAM PROJECT DETAILS**

Project: RAW WATER LINE REPLACEMENT								
Category:	Water Enterprise							
Fund/Task Code:	651/WTR 0016							
Department:	Public Works							
Priority:								
Funding Source(s):	Water Enterprise Funds							
Est. Projected Costs	\$	2,649,000						
Expected Completion Date:	FY 21/22							
Cumulative Prior Year Funding:	\$	680,000						
FY 19/20 Funding:	\$	705,000						
Project Description								
<p>Past CIPs identified a series of raw water line replacement projects. These are now consolidated into one project with five phases. Phase I of the raw water replacement project was completed with the Summers Lane Reservoir project. The City of Fort Bragg receives water from three sources: Waterfall Gulch, Newman Gulch, and the Noyo River. The raw water from Waterfall Gulch and Newman Gulch gravity flows through a transmission system of PVC, asbestos cement, ductile iron and steel pipe. Much of this water transmission line has been in place for decades and failures are more and more common. It is essential that all of the City's transmission lines remain operational. Replacement of the entire length will be undertaken in five phases.</p> <p><u>Raw Water Line Engineering - \$400,000:</u> The most efficient design process is to do the entire length of all four remaining phases under one contract. Engineering and design costs used construction costs as an estimating guide. Steep and unstable canyon sides for much of the pipe alignment will require in depth geotechnical analysis. Surveying will be more difficult with heavy timber and brush along the pipe alignment. Timber harvest and the expected Timber Harvest Plan costs have been incorporated into the construction costs for each phase.</p> <p><u>Phase II, Noyo River to Water Treatment Facility - \$682,000:</u> This raw water transmission line is approximately 3,000 feet long and runs between the Noyo River crossing and the Water Treatment ponds just north of Sherwood Road. It lies within the Noyo River canyon which is geologically unstable. The alignment is heavily timbered and will require a timber harvest plan. Shifting, shallow soil regularly creates leaks in this section of the raw water main. It is the highest priority because it is the last portion of raw water main closest to the treatment plant and carries water from Waterfall Gulch, Newman Reservoir.</p>								
For Continuing Projects								
Original Project Adopted Budget	\$	680,000	<b>Project Status :</b>					
Approved Budget Increases/Decreases		705,000.00						
<b>Total Approved Project Budget :</b>		<b>1,385,000</b>						
Expenditures:		(1,385,000)						
<b>Remaining Budget Balance:</b>	\$	-						
Project Cost Details								
Activity	Prior Year	FY 19-20	FY 20-21	FY 21-22	FY 22-23	FY 23-24	Future	Total
Professional Services								-
Construction	682,000	705,000	-	-	-	-	-	1,387,000
Other								-
<b>Total Project Cost</b>	\$ 682,000	\$ 705,000	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 1,387,000
Funding Source(s)								
Source(s)	Prior Year	FY 19-20	FY 20-21	FY 21-22	FY 22-23	FY 23-24	Future	Total
<b>Fund:</b>								
651 - Water Enterprise	682,000	705,000	-	-	-	-	-	1,387,000
								-
<b>Total Funding</b>	\$ 682,000	\$ 705,000	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 1,387,000
Operating Impact of Project								
Expenditure Line Item	Prior Year	FY 19-20	FY 20-21	FY 21-22	FY 22-23	FY 23-24	Future	Total
Personnel Costs			1,000	1,500	1,200	1,200		4,900
Maintenance & Repair			250	500	700	1,000		2,450
<b>Total Operating Impact</b>	\$ -	\$ -	\$ 1,250	\$ 2,000	\$ 1,900	\$ 2,200	\$ -	\$ 7,350



Project: MADSEN HOLE RAINEY -DESIGN																																																					
Category:	Water Enterprise																																																				
Fund/Task Code:	651/WTR 0015																																																				
Department:	Public Works																																																				
Priority:																																																					
Funding Source(s):	Water Enterprise Funds																																																				
Est. Projected Costs	\$	175,000																																																			
Expected Completion Date:	FY 2020/21																																																				
Cumulative Prior Year Funding:	\$	-																																																			
FY 19/20 Funding:	\$	-																																																			
<b>Project Description</b> The City's raw water source at Madsen Hole in the Noyo River currently used a Ranney Collector to provide some preliminary treatment at the source prior to pumping the water to the treatment plant. This is especially important during rain events to allow some filtration when turbidity has increased. This type of system is placed below ground to extract water from an aquifer with direct connection to a surface water source. This system has failed and is in need of replacement. This portion of the project includes design services only.																																																					
<b>For Continuing Projects</b> <table border="1"> <tr> <td>Original Project Adopted Budget</td> <td>\$</td> <td>175,000</td> <td colspan="6"><b>Project Status :</b></td> </tr> <tr> <td>Approved Budget Increases/Decreases</td> <td></td> <td>-</td> <td colspan="6" rowspan="4"></td> </tr> <tr> <td><b>Total Approved Project Budget :</b></td> <td></td> <td>175,000</td> </tr> <tr> <td>Expenditures:</td> <td></td> <td></td> </tr> <tr> <td><b>Remaining Budget Balance:</b></td> <td>\$</td> <td>175,000</td> </tr> </table>									Original Project Adopted Budget	\$	175,000	<b>Project Status :</b>						Approved Budget Increases/Decreases		-							<b>Total Approved Project Budget :</b>		175,000	Expenditures:			<b>Remaining Budget Balance:</b>	\$	175,000																		
Original Project Adopted Budget	\$	175,000	<b>Project Status :</b>																																																		
Approved Budget Increases/Decreases		-																																																			
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Expenditures:																																																					
<b>Remaining Budget Balance:</b>	\$	175,000																																																			
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Activity	Prior Year	FY 19-20	FY 20-21	FY 21-22	FY 22-23	FY 23-24	Future	Total																																													
Professional Services								-																																													
Construction			175,000	-	-	-	-	175,000																																													
Other								-																																													
<b>Total Project Cost</b>	\$ -	\$ -	\$ 175,000	\$ -	\$ -	\$ -	\$ -	\$ 175,000																																													
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Source(s)	Prior Year	FY 19-20	FY 20-21	FY 21-22	FY 22-23	FY 23-24	Future	Total																																													
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615- Water Enterprise	-		175,000	-	-	-	-	175,000																																													
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Expenditure Line Item	Prior Year	FY 19-20	FY 20-21	FY 21-22	FY 22-23	FY 23-24	Future	Total																																													
Maintenance & Repair		-	-	-	-	-	-	-																																													
Other		-	-	-	-	-	-	-																																													
<b>Total Operating Impact</b>	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -																																													




**CAPITAL IMPROVEMENT PROGRAM PROJECT DETAILS**

Project: WATER TREATMENT PLANT OVERHAUL								
Category:		Water Enterprise						
Fund/Task Code:		651/0092						
Department:		Public Works						
Priority:								
Funding Source(s):		Water Enterprise Funds						
Est. Projected Costs		\$ 1,900,000						
Expected Completion Date:		FY 20/21						
Cumulative Prior Year Funding:		\$ 50,000						
FY 19/20 Funding:		\$ 100,000						
Project Description								
For the past 30 years, two Microfloc Trident 420c units have clarified and filtered the City's water. In 1998, the filter media was replaced and in 2006 clarifier media was added. The units are worn and in need of replacement. Over the years, Microfloc has made several improvements to the design, to make the units more efficient and capable of achieving better filtration, as well as to conserve water. Items included in this overhaul are: increase the filter to waste pipe size (this will allow filters to stay in compliance during operational problems), replace filter media, replace-upgrade filter underdrain, filter wash system, replace clarifier media, replace air manifold, water inlet headers, and sandblast and paint the units.								
Design is scheduled for FY 19/20. Construction will follow in FY 20/21. In addition to rehabilitating the water plant, the raw water ponds will be lined to eliminate seepage and an old clarifier will be demolished to open up some space on the site."								
For Continuing Projects								
Original Project Adopted Budget		\$ 1,900,000		Project Status :				
Approved Budget Increases/Decreases		(100,000)						
Total Approved Project Budget :		1,800,000						
Expenditures:								
Remaining Budget Balance:		\$ 1,800,000						
Project Cost Details								
Activity	Prior Year	FY 19-20	FY 20-21	FY 21-22	FY 22-23	FY 23-24	Future	Total
Professional Services								-
Construction	-	100,000	1,800,000		-	-	-	1,900,000
Equipment/Machinery								-
Other								-
Total Project Cost	\$ -	\$ 100,000	\$ 1,800,000	\$ -	\$ -	\$ -	\$ -	\$ 1,900,000
Funding Source(s)								
Source(s)	Prior Year	FY 19-20	FY 20-21	FY 21-22	FY 22-23	FY 23-24	Future	Total
Fund:								
651- Water Enterprise		100,000	1,800,000		-	-	-	1,900,000
Unidentified Funding:	-	-	-		-	-	-	-
Total Funding	\$ -	\$ 100,000	\$ 1,800,000	\$ -	\$ -	\$ -	\$ -	\$ 1,900,000
Operating Impact of Project								
Expenditure Line Item	Prior Year	FY 19-20	FY 20-21	FY 21-22	FY 22-23	FY 23-24	Future	Total
Personnel Costs		-	2,000	4,000	3,000	4,000	-	13,000
Supplies and Materials		-	750	1,000	1,033	1,067	-	3,850
Maintenance & Repair		-	500	1,200	1,239	1,280	-	4,219
Other								-
Total Operating Impact	\$ -	\$ -	\$ 3,250	\$ 6,200	\$ 5,272	\$ 6,347	\$ -	\$ 21,069

**CAPITAL IMPROVEMENT PROGRAM PROJECT DETAILS**


Project: CEDAR STREET WATER DISTRIBUTION LINE PROJECT								
<b>Category:</b>	Water Enterprise							
<b>Fund/Task Code:</b>	N/A							
<b>Department:</b>	Public Works							
<b>Priority:</b>								
<b>Funding Source(s):</b>	No Construction Funding secured yet							
<b>Est. Projected Costs</b>	\$	206,000						
<b>Expected Completion Date:</b>	FY 21/22							
<b>Cumulative Prior Year Funding:</b>	\$	-						
<b>FY 19/20 Funding:</b>	\$	-						
<b>Project Description</b>								
<p>The City of Fort Bragg has two water transmission lines from the Water Treatment storage tanks that provide water for the entire City. A 20-inch water line runs south from the tanks to Sherwood Road, then west along Sherwood Road/Oak Street to feed the City. The second line runs off of the transmission line to Sherwood Road/Oak Street on the City Water treatment facility site then northeast across private property to Cedar Street. City mapping indicates that the 8 inch transmission line feeding the City from Cedar Street runs directly from the tanks to Cedar Street, Public Works personnel located the line as part of the Water Treatment Plant improvements and traced it across private property. Staff has been unable to locate any easement for the pipe's current location; The City plans to move the line, as the current location impacts any future development of the site. Staff will be conducting additional investigations to determine the options available.</p> <p>This project could consist of relocation of the distribution line onto City property and then into public right of way; securing an easement for leaving the line in the current location or securing an easement and relocating the line when the private property develops.</p> <p>The cost of this project will depend on the final option developed and the amount of materials required and the distance traveled. Funding for this project has yet to be identified, but will be directed through the Water Enterprise fund.</p>								
<b>For Continuing Projects</b>								
Original Project Adopted Budget		<b>Project Status :</b>						
Approved Budget Increases/Decreases	-							
<b>Total Approved Project Budget :</b>	-							
Expenditures:	-							
<b>Remaining Budget Balance:</b>	\$ -							
<b>Project Cost Details</b>								
<b>Activity</b>	<b>Prior Year</b>	<b>FY 19-20</b>	<b>FY 20-21</b>	<b>FY 21-22</b>	<b>FY 22-23</b>	<b>FY 23-24</b>	<b>Future</b>	<b>Total</b>
Professional Services								-
Construction	-	-	206,000		-	-	-	206,000
Other								-
<b>Total Project Cost</b>	\$ -	\$ -	\$ 206,000	\$ -	\$ -	\$ -	\$ -	\$ 206,000
<b>Funding Source(s)</b>								
<b>Source(s)</b>	<b>Prior Year</b>	<b>FY 19-20</b>	<b>FY 20-21</b>	<b>FY 21-22</b>	<b>FY 22-23</b>	<b>FY 23-24</b>	<b>Future</b>	<b>Total</b>
<u>Fund:</u>								
Unidentified Funding:	-	-	206,000		-	-	-	206,000
<b>Total Funding</b>	\$ -	\$ -	\$ 206,000	\$ -	\$ -	\$ -	\$ -	\$ 206,000
<b>Operating Impact of Project</b>								
<b>Expenditure Line Item</b>	<b>Prior Year</b>	<b>FY 19-20</b>	<b>FY 20-21</b>	<b>FY 21-22</b>	<b>FY 22-23</b>	<b>FY 23-24</b>	<b>Future</b>	<b>Total</b>
Personnel Costs								-
Supplies and Materials				200	207	213		620
Maintenance & Repair				100	103	107		310
Other								-
<b>Total Operating Impact</b>	\$ -	\$ -	\$ -	\$ 300	\$ 310	\$ 320	\$ -	\$ 930

**CAPITAL IMPROVEMENT PROGRAM PROJECT DETAILS**

Project: PUDDING CREEK MAIN RELOCATION								
Category:	Water Enterprise							
Fund/Task Code:	651/							
Department:	Public Works							
Priority:								
Funding Source(s):	California Office of Emergency Services Grant & Unidentified Funding							
Est. Projected Costs	\$	1,879,000						
Expected Completion Date:								
Cumulative Prior Year Funding:	\$	-						
FY 19/20 Funding:								
								
Project Description								
<p>The City has previously received approximately \$6,000 from the California Governor's Office of Emergency service (Cal-OES) for immediate disaster relief. To eliminate the on-going risk to the water main laying on the dam across Pudding Creek presented by a compromised dam, the water main will be relocated to the nearby Highway 1 (N. Main Street) bridge over Pudding Creek. The City is working with Caltrans to accommodate the relocation as part of the future widening of the bridge. Cal-OES did not approve the City's application for disaster relief to relocate the water main. Staff is now working with several potential partners to secure funding as part of possible Pudding Creek restoration project(s) and/or future development in north Fort Bragg. The City may need to provide a portion of the funding from the Water Enterprise Fund.</p>								
For Continuing Projects								
Original Project Adopted Budget		Project Status :						
Approved Budget								
Increases/Decreases								
Total Approved Project Budget :								
Estimated Expenditures: June 30, 2018								
Remaining Budget Balance:								
Project Cost Details								
Activity	Prior Year	FY 19-20	FY 20-21	FY 21-22	FY 22-23	FY 23-24	Future	Total
Professional Services								-
Construction	-	210,000	1,669,000		-	-	-	1,879,000
Total Project Cost	\$ -	\$ 210,000	\$ 1,669,000	\$ -	\$ -	\$ -	\$ -	\$ 1,879,000
Funding Source(s)								
Source(s)	Prior Year	FY 19-20	FY 20-21	FY 21-22	FY 22-23	FY 23-24	Future	Total
Fund:								
Unidentified Funding	-	210,000	1,669,000	-	-	-	-	1,879,000
Total Funding	\$ -	\$ 210,000	\$ 1,669,000	\$ -	\$ -	\$ -	\$ -	\$ 1,879,000
Operating Impact of Project								
Expenditure Line Item	Prior Year	FY 19-20	FY 20-21	FY 21-22	FY 22-23	FY 23-24	Future	Total
Personnel Costs			5,000	5,000	5,000	5,000		20,000
Supplies and Materials			200	200	200	200		800
Other								-
Total Operating Impact	\$ -	\$ -	\$ 5,200	\$ 5,200	\$ 5,200	\$ 5,200	\$ -	\$ 20,800

EAST FORT BRAGG PRESSURE ZONE (EFPZ) PHASE:1-3									
Category:		Water Enterprise							
Fund/Task Code:		N/A							
Department:		Public Works							
Priority:									
Funding Source(s):		Water Enterprise Funds							
Est. Projected Costs		\$ 1,455,000							
Expected Completion Date:		Beyond CIP							
Cumulative Prior Year Funding:		\$ -							
FY 19/20 Funding:		\$ -							
Project Description									
Phase 1 - \$545,000 Phase 2 - \$330,000 Phase 3 - \$580,000 The three phases of this capital project are intended to increase the service levels within the water pressure zone serving a portion of east Fort Bragg. The most significant beneficiary of this service enhancement is Fort Bragg High School. The Fort Bragg Unified School District (FBUSD) originally intended to share in the cost of this project. Since the original proposal was made, FBUSD has reprioritized its expenditures and this project is not a high priority. This project has been moved to the "Beyond CIP" category.									
For Continuing Projects									
Original Project Adopted Budget		\$ -		Project Status :					
Approved Budget Increases/Decreases		-		N/A					
Total Approved Project Budget :		-							
Expenditures:		-							
Remaining Budget Balance:		\$ -							
Project Cost Details									
Activity	Prior Year	FY 19-20	FY 20-21	FY 21-22	FY 22-23	FY 23-24	Future	Total	
Professional Services								-	
Construction	-	-			-	545,000		545,000	
Other							910,000	910,000	
Total Project Cost	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 545,000	\$ 910,000	\$ 1,455,000	
Funding Source(s)									
Source(s)	Prior Year	FY 19-20	FY 20-21	FY 21-22	FY 22-23	FY 23-24	Future	Total	
Fund:									
U/I	-	-	-	-	-	545,000		545,000	
U/I							910,000	910,000	
Total Funding	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 545,000	\$ 910,000	\$ 1,455,000	
Operating Impact of Project									
Expenditure Line Item	Prior Year	FY 19-20	FY 20-21	FY 21-22	FY 22-23	FY 23-24	Future	Total	
Personnel Costs								-	
Supplies and Materials								-	
Maintenance & Repair								-	
Other								-	
Total Operating Impact	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	

WATER METER REPLACEMENT								
<b>Category:</b>	Water Enterprise							
<b>Fund/Task Code:</b>	N/A							
<b>Department:</b>	Public Works							
<b>Priority:</b>								
<b>Funding Source(s):</b>	Water Enterprise Funds							
<b>Est. Projected Costs</b>	<b>\$</b>	<b>2,100,000</b>						
<b>Expected Completion Date:</b>	FY 2022/23							
<b>Cumulative Prior Year Funding:</b>	<b>\$</b>	<b>-</b>						
<b>FY 19/20 Funding:</b>	<b>\$</b>	<b>-</b>						
Project Description								
<p>This project will replace and upgrade water meters throughout town. The current water meters were installed in 2007 with a 10 to 15 year lifespan. Replacement meters will measure water more precisely allowing for improved leak detection. Remote control of the meters will permit more timely response to water service turn-on and turn-offs.</p>								
For Continuing Projects								
Original Project Adopted Budget	\$	-	<b>Project Status :</b>					
Approved Budget Increases/Decreases		-	N/A					
<b>Total Approved Project Budget :</b>		-						
Expenditures:		-						
<b>Remaining Budget Balance:</b>	<b>\$</b>	<b>-</b>						
Project Cost Details								
Activity	Prior Year	FY 19-20	FY 20-21	FY 21-22	FY 22-23	FY 23-24	Future	Total
Professional Services					2,100,000			2,100,000
Construction	-	-						-
Other								-
<b>Total Project Cost</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ 2,100,000</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ 2,100,000</b>
Funding Source(s)								
Source(s)	Prior Year	FY 19-20	FY 20-21	FY 21-22	FY 22-23	FY 23-24	Future	Total
<b>Fund:</b>								
Unidentified Funding	-	-	-	-	2,100,000			2,100,000
								-
<b>Total Funding</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ 2,100,000</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ 2,100,000</b>
Operating Impact of Project								
Expenditure Line Item	Prior Year	FY 19-20	FY 20-21	FY 21-22	FY 22-23	FY 23-24	Future	Total
Personnel Costs								-
Supplies and Materials								-
Maintenance & Repair								-
Other								-
<b>Total Operating Impact</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>

Project: WATER TANK INSTALLATION								
Category:	Water Enterprise							
Fund/Task Code:	651/WTR 0015							
Department:	Public Works							
Priority:								
Funding Source(s):	Unidentified Funding							
Est. Projected Costs	\$ 3,638,437							
Expected Completion Date:	Beyond CPI							
Cumulative Prior Year Funding:								
FY 19/20 Funding:	\$ -							
								
Project Description								
<p>This project will replace the remaining water tank that has reached the end of its useful life. In addition to providing valuable storage of finished water, it will also allow for the periodic drainage of each of the three tanks in the City's water treatment system for regular maintenance of each tank's interior.</p>								
For Continuing Projects								
Original Project Adopted Budget	\$ 1,638,437	Project Status :						
Approved Budget Increases/Decreases	-							
Total Approved Project Budget :	1,638,437							
Expenditures:	(1,638,437)							
Remaining Budget Balance:	\$ -							
Project Cost Details								
Activity	Prior Year	FY 19-20	FY 20-21	FY 21-22	FY 22-23	FY 23-24	Future	Total
Professional Services								-
Construction	1,638,437	-	-	-	-	-	2,000,000	3,638,437
Equipment/Machinery								-
Other								-
Total Project Cost	\$ 1,638,437	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 2,000,000	\$ 3,638,437
Funding Source(s)								
Source(s)	Prior Year	FY 19-20	FY 20-21	FY 21-22	FY 22-23	FY 23-24	Future	Total
Fund:								
331 - CDBG 16	1,638,437	-	-	-	-	-	-	1,638,437
Unidentified Funding							2,000,000	2,000,000
Total Funding	\$ 1,638,437	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 2,000,000	\$ 3,638,437
Operating Impact of Project								
Expenditure Line Item	Prior Year	FY 19-20	FY 20-21	FY 21-22	FY 22-23	FY 23-24	Future	Total
Personnel Costs			1,000	1,000	1,000	1,000		4,000
Supplies and Materials			500	500	500	500		2,000
Maintenance & Repair			4,000	4,000	4,000	4,000		16,000
Other								-
Total Operating Impact	\$ -	\$ -	\$ 5,500	\$ 5,500	\$ 5,500	\$ 5,500	\$ -	\$ 22,000

**CAPITAL IMPROVEMENT PROGRAM PROJECT DETAILS**

Project: SEWER MAIN REHABILITATION									
<b>Category:</b>	Wastewater Enterprise								
<b>Fund/Task Code:</b>	716/WWP 0016								
<b>Department:</b>	Public Works								
<b>Priority:</b>									
<b>Funding Source(s):</b>	WW/CDBG								
<b>Est. Projected Costs</b>	\$	<b>515,000</b>							
<b>Expected Completion Date:</b>	FY 2022/23								
<b>Cumulative Prior Year Funding:</b>	\$	-							
<b>FY 19/20 Funding:</b>	\$	-							
Project Description									
<p>The City has an on-going program to rehabilitate or repair sewer mains that are failing when leak repairs have become chronic or a significant source of infiltration and inflow (I &amp; I) has been identified. These projects involve the replacement of major portions of failing infrastructure and are considered capital projects rather than ordinary repair or maintenance activities. These projects are generally performed every two years. They utilize technologies that reline the interior of the sewer pipe with minimum disturbance to the surface of overlying streets and alleys.</p>									
For Continuing Projects									
Original Project Adopted Budget	\$	515,000	<b>Project Status :</b>						
Approved Budget Increases/Decreases		-							
<b>Total Approved Project Budget :</b>		<b>515,000</b>							
Expenditures:		(265,000)							
<b>Remaining Budget Balance:</b>	\$	<b>250,000</b>							
Project Cost Details									
Activity	Prior Year	FY 19-20	FY 20-21	FY 21-22	FY 22-23	FY 23-24	Future	Total	
Professional Services								-	
Construction	265,000	-	120,000	-	130,000			515,000	
Other			-				-	-	
<b>Total Project Cost</b>	\$ 265,000	\$ -	\$ 120,000	\$ -	\$ 130,000	\$ -	\$ -	\$ 515,000	
Funding Source(s)									
Source(s)	Prior Year	FY 19-20	FY 20-21	FY 21-22	FY 22-23	FY 23-24	Future	Total	
<b>Fund:</b>									
715- WW Enterprise	265,000	-	120,000	-	130,000	-		515,000	
								-	
<b>Total Funding</b>	\$ 265,000	\$ -	\$ 120,000	\$ -	\$ 130,000	\$ -	\$ -	\$ 515,000	
Operating Impact of Project									
Expenditure Line Item	Prior Year	FY 19-20	FY 20-21	FY 21-22	FY 22-23	FY 23-24	Future	Total	
Personnel Costs			25,000	25,000	25,000	25,000		100,000	
Supplies and Materials			1,000	1,000	1,000	1,000		4,000	
Maintenance & Repair		-	-	-	-	-		-	
Other								-	
<b>Total Operating Impact</b>	\$ -	\$ -	\$ 26,000	\$ 26,000	\$ 26,000	\$ 26,000	\$ -	\$ 104,000	



Project:SANDERSON WAY SEWER MAIN REPLACEMENT, Oak to Cedar.								
Category:	Wastewater Enterprise							
Fund/Task Code:	716/WWP 0016							
Department:	Public Works							
Priority:								
Funding Source(s):	Unidentified Funding							
Est. Projected Costs	\$ 222,000							
Expected Completion Date:	FY 21-22							
Cumulative Prior Year Funding:	\$ -							
FY 19/20 Funding:								
<b>Project Description</b>								
<p>The main sewer line running north/south on North Sanderson Way between Oak and Cedar Streets is in need of replacement. Not only does the line have high inflow and infiltration (I&amp;I), but it has areas of high grease build up and it is undersized for the area being serviced. When the line was originally installed, there was limited development east of Sanderson Way, but since that additional development has tied into the existing main line.</p> <p>The line currently runs at full capacity much of the time and continues to be a maintenance issue for Public Works personnel. This project will consist of designing a new main line sewer utilizing either a 10" or 12" main line to replace the existing 6" running between the manhole at Oak Street on the south to the manhole in Cedar Street to the north, and connecting and replacing all laterals within the right of way. This will address both the I&amp;I issues as well as capacity issues.</p>								
<b>For Continuing Projects</b>								
Original Project Adopted Budget	\$	-	<b>Project Status :</b>					
Approved Budget Increases/Decreases		-						
Total Approved Project Budget :		-						
Estimated Expenditures: June 30,2018		-						
Remaining Budget Balance:	\$	-						
<b>Project Cost Details</b>								
Activity	Prior Year	FY 18-19	FY 19-20	FY 20-21	FY 21-22	FY 22-23	Future	Total
Professional Services								-
Construction				222,000				222,000
Other			-		-		-	-
Total Project Cost	\$ -	\$ -	\$ -	\$ 222,000	\$ -	\$ -	\$ -	\$ 222,000
<b>Funding Source(s)</b>								
Source(s)	Prior Year	FY 18-19	FY 19-20	FY 20-21	FY 21-22	FY 22-23	Future	Total
Fund:								
U/I	-		-	222,000	-	-		222,000
								-
								-
Total Funding	\$ -	\$ -	\$ -	\$ 222,000	\$ -	\$ -	\$ -	\$ 222,000
<b>Operating Impact of Project</b>								
Expenditure Line Item	Prior Year	FY 18-19	FY 19-20	FY 20-21	FY 21-22	FY 22-23	Future	Total
Personnel Costs								-
Supplies and Materials								
Maintenance & Repair								
Other								-
Total Operating Impact	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -

Project:LIFT STATION REHAB (3 Stations)									
Category:		Wastewater Enterprise							
Fund/Task Code:		716/WWP 0016							
Department:		Public Works							
Priority:									
Funding Source(s):		WW							
Est. Projected Costs		\$ 1,461,030							
Expected Completion Date:		FY 21-22							
Cumulative Prior Year Funding:		\$ -							
FY 19/20 Funding:		\$ 1,461,030							
Project Description									
Three sanitary sewer lift stations (pumps) are very old and overdue for rehabilitation. These are South Harbor Lift Station, North Harbor Lift Station, and the Pudding creek Lift Station. Construction will begin in June 2019 and be completed by the fall.									
For Continuing Projects									
Original Project Adopted Budget		\$ -		Project Status :					
Approved Budget Increases/Decreases		-							
Total Approved Project Budget :		-							
Expenditures:		-							
Remaining Budget Balance:		\$ -							
Project Cost Details									
Activity	Prior Year	FY 19-20	FY 20-21	FY 21-22	FY 22-23	FY 23-24	Future	Total	
Professional Services		1,461,030						1,461,030	
Construction								-	
Other			-		-		-	-	
Total Project Cost	\$ -	\$ 1,461,030	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 1,461,030	
Funding Source(s)									
Source(s)	Prior Year	FY 19-20	FY 20-21	FY 21-22	FY 22-23	FY 23-24	Future	Total	
Fund:									
WW	-	1,461,030	-	-	-	-		1,461,030	
								-	
								-	
Total Funding	\$ -	\$ 1,461,030	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 1,461,030	
Operating Impact of Project									
Expenditure Line Item	Prior Year	FY 19-20	FY 20-21	FY 21-22	FY 22-23	FY 23-24	Future	Total	
Personnel Costs								-	
Supplies and Materials			400	413	427	441		1,681	
Maintenance & Repair			100	200	300	310		910	
Other								-	
Total Operating Impact	\$ -	\$ -	\$ 500	\$ 613	\$ 727	\$ 751	\$ -	\$ 2,591	

Project: COLLECTION SYSTEM CONDITION ASSESSMENT								
Category:	Wastewater Enterprise							
Fund/Task Code:	716/WWP 0016							
Department:	Public Works							
Priority:								
Funding Source(s):	WW							
Est. Projected Costs	\$	300,000						
Expected Completion Date:	FY 2020/21							
Cumulative Prior Year Funding:	\$	-						
FY 19/20 Funding:	\$	-						
Project Description								
<p>This project is a master planning document that will determine the current condition of the City's waste water collection system. The document will also identify places that need rehabilitation, replacement, or upgrades. This will allow the City to systematically prioritize and plan future collection system capital projects.</p>								
For Continuing Projects								
Original Project Adopted Budget	\$	-	Project Status :					
Approved Budget Increases/Decreases		-						
Total Approved Project Budget :		-						
Estimated Expenditures: June 30, 2018		-						
Remaining Budget Balance:	\$	-						
Project Cost Details								
Activity	Prior Year	FY 19-20	FY 20-21	FY 21-22	FY 22-23	FY 23-24	Future	Total
Professional Services			300,000					300,000
Construction								-
Other			-		-		-	-
Total Project Cost	\$ -	\$ -	\$ 300,000	\$ -	\$ -	\$ -	\$ -	\$ 300,000
Funding Source(s)								
Source(s)	Prior Year	FY 19-20	FY 20-21	FY 21-22	FY 22-23	FY 23-24	Future	Total
Fund:								
WW	-	-	300,000	-	-	-		300,000
								-
								-
Total Funding	\$ -	\$ -	\$ 300,000	\$ -	\$ -	\$ -	\$ -	\$ 300,000
Operating Impact of Project								
Expenditure Line Item	Prior Year	FY 19-20	FY 20-21	FY 21-22	FY 22-23	FY 23-24	Future	Total
Personnel Costs								-
Supplies and Materials								
Maintenance & Repair								
Other								-
Total Operating Impact	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -

Project: WW TREATMENT FACILITY UPGRADE-ACTIVITY SLUDGE									
Category:		Wastewater Enterprise							
Fund/Task Code:		716							
Department:		Public Works							
Priority:									
Funding Source(s):		(i) USDA (ii) SWRCB (iii) Debt (iv) WW							
Est. Projected Costs		\$ 18,552,400							
Expected Completion Date:		FY 20-21							
Cumulative Prior Year Funding:		\$ 949,000							
FY 19/20 Funding:		\$ 7,388,000							
Project Description									
<p>While repairs and upgrades have been performed over the years, much of the WWTP's equipment is reaching the end of a normal 25-30 year service life. Key parts of the project include:</p> <p>(1) Replacing the existing trickling filters with an activated sludge system,</p> <p>(2) Re-purposing the clarifiers into emergency/surge storage,</p> <p>(3) Increased system redundancy,</p> <p>(4) On-site treatment of storm water.</p> <p>In addition to the conversion of waste water treatment to an activated sludge system, the design will include: high levels of energy efficiency, alternate energy sources to power the treatment train, and alternate use of treated effluents as well as sludge. Design is complete. Funding for the project has been secured. A \$6 million grant has been provided by the State Revolving Fund administered by the State Water Qaultiy Control Board (SWRCB). The United States Department of Agriculture (USDA) Rural Assistance Program has contributed \$3.3 million in grant funds and provided a \$5 million low interest loan. The remaining \$2.48 million will come from the Waste Water Enterprise Fund.</p>									
For Continuing Projects									
Original Project Adopted Budget		\$ 18,552,400		Project Status :					
Approved Budget Increases/Decreases		-		Design to upgrade the WWTF was completed in FY 2016/17. Primary improvements will be the replacement of the open air aerobic digesters with an up-to-date, enclosed digesters. Other parts of the 40 year old treatment will be replaced and/or upgraded as necessary. Staff successfully secured grants for construction, construction management, and engineering support during the past fiscal year. Bids were opened on April 17, 2018. Once bids have been reviewed by the funding sources, construction is scheduled to begin in late 2018. Construction is expected to take two years with the new upgrades coming online during the summer of 2020. is seeking grants and other low cost financing for construction.					
Total Approved Project Budget :		18,552,400							
Estimated Expenditures: June 30, 2018		(11,164,400)							
Remaining Budget Balance:		\$ 7,388,000							
Project Cost Details									
Activity	Prior Year	FY 19-20	FY 20-21	FY 21-22	FY 22-23	FY 23-24	Future	Total	
Professional Services	949,000							949,000	
Construction	10,215,400	7,388,000	-		-	-	-	17,603,400	
Total Project Cost	\$ 11,164,400	\$ 7,388,000	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 18,552,400	
Funding Source(s)									
Source(s)	Prior Year	FY 19-20	FY 20-21	FY 21-22	FY 22-23	FY 23-24	Future	Total	
Fund:									
329- USDA	-	3,388,000						3,388,000	
330- State Park(Prop 84)	2,000,000	4,000,000						6,000,000	
710- Debt Funded	5,000,000							5,000,000	
715- WW Enterprise	4,164,400	-						4,164,400	
Total Funding	\$ 11,164,400	\$ 7,388,000	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 18,552,400	
Operating Impact of Project									
Expenditure Line Item	Prior Year	FY 19-20	FY 20-21	FY 21-22	FY 22-23	FY 23-24	Future	Total	
Personnel Costs								-	
Maintenance & Repair			60,000	61,974	64,013	66,119		252,106	
Total Operating Impact	\$ -	\$ -	\$ 60,000	\$ 61,974	\$ 64,013	\$ 66,119	\$ -	\$ 252,106	

Project: TRASH CAPTURE								
Category:	Storm Drain							
Fund/Task Code:								
Department:	Public Works							
Priority:								
Funding Source(s):	Unidentified							
Est. Projected Costs	\$	705,000						
Expected Completion Date:	FY 2020/21							
Cumulative Prior Year Funding:	\$	-						
FY 19/20 Funding:	\$	-						
Project Description								
<p>This project is in response to new State mandates that public storm water systems capture and divert litter/trash from entering the storm drain system to prevent the pollution of receiving waters in streams or the ocean. Specialized, retrofitted storm drain inlets are used to meet these mandates.</p>								
For Continuing Projects								
Original Project Adopted Budget	\$	-	Project Status :					
Approved Budget Increases/Decreases		-						
Total Approved Project Budget :		-						
Estimated Expenditures: June 30, 2018		-						
Remaining Budget Balance:	\$	-						
Project Cost Details								
Activity	Prior Year	FY 19-20	FY 20-21	FY 21-22	FY 22-23	FY 23-24	Future	Total
Professional Services								-
Construction			705,000					705,000
Other			-		-		-	-
Total Project Cost	\$ -	\$ -	\$ 705,000	\$ -	\$ -	\$ -	\$ -	\$ 705,000
Funding Source(s)								
Source(s)	Prior Year	FY 19-20	FY 20-21	FY 21-22	FY 22-23	FY 23-24	Future	Total
Fund:								
U/I	-	-	705,000	-	-	-		705,000
								-
								-
Total Funding	\$ -	\$ -	\$ 705,000	\$ -	\$ -	\$ -	\$ -	\$ 705,000
Operating Impact of Project								
Expenditure Line Item	Prior Year	FY 19-20	FY 20-21	FY 21-22	FY 22-23	FY 23-24	Future	Total
Personnel Costs								-
Supplies and Materials				2,000	2,066	2,134		6,200
Maintenance & Repair				3,000	3,099	3,201		9,300
Other								-
Total Operating Impact	\$ -	\$ -	\$ -	\$ 5,000	\$ 5,165	\$ 5,335	\$ -	\$ 15,500

