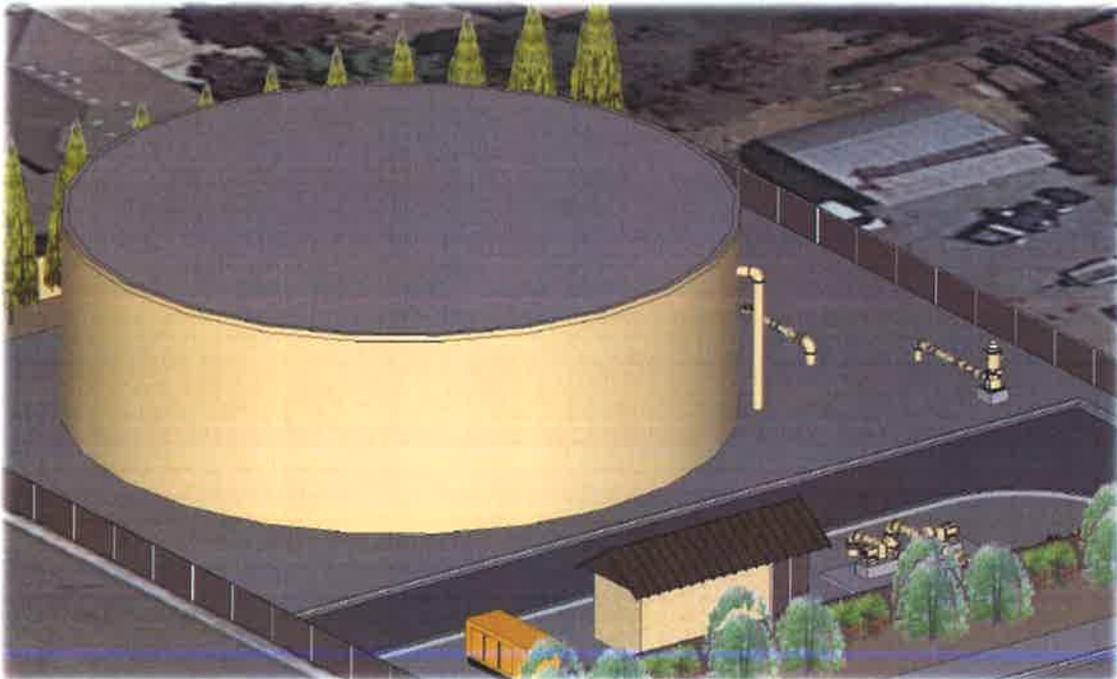


CITY OF TULARE
ADOPTED
CAPITAL INVESTMENT PROGRAM
BUDGET



FUTURE J STREET WATER STORAGE PROJECT

FISCAL YEARS ENDING
JUNE 30, 2018 AND 2019

**CAPITAL INVESTMENT PROGRAM
ADOPTED 2 YEAR BUDGET
JUNE 30, 2018 AND 2019**



Mission Statement

To promote a quality of life making Tulare the most desirable community
in which to live, learn, play, work, worship and prosper.

MEMBERS OF THE CITY COUNCIL

**CARLTON JONES, MAYOR DISTRICT 3
MARITSA CASTELLANOZ, VICE MAYOR DISTRICT 2
DAVID MACEDO, COUNCIL MEMBER DISTRICT 4
GREG NUNLEY, COUNCIL MEMBER DISTRICT 5
JOSE SIGALA, COUNCIL MEMBER DISTRICT 1**

MEMBERS OF THE BOARD OF PUBLIC UTILITIES

**Jim Pennington, President
Howard Stroman, Vice President
Gregory Blevins
Erica Cubas
Thomas Griesbach**

DEPARTMENT DIRECTORS

Joe Carlini, City Manager	
Rob Hunt, Community Services Director	Janice Avila, Human Resources
Michael Miller, Community Development Director	Jason Bowling, Information Technology
Darlene Thompson, Finance Director	Trisha Whitfield, Public Works Director
Willard Epps, Fire Chief	Wes Hensley, Police Chief
Steve Bonnville, General Services Director	Nick Bartsch, Project Manager

**CAPITAL INVESTMENT PROGRAM
ADOPTED 2 YEAR BUDGET
JUNE 30, 2018 AND 2019**

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CAPITAL INVESTMENT PROGRAM CITY HISTORY

Location is one of Tulare's best assets. The city is situated in the Central San Joaquin Valley along Highway 99, 45 miles south of Fresno and 60 miles north of Bakersfield. Our mid-state location benefits businesses needing same-day access to key California markets as well as residents seeking recreational opportunities in the beautiful Sierra Nevada Mountains to the east and the spectacular California coastline to the west.

The town of Tulare was founded in 1872 by the Southern Pacific Railroad to serve as its San Joaquin Valley headquarters. Transportation was the driving force behind Tulare's establishment. The early years were difficult. The town burned down and was rebuilt three times in its first 14 years.

The city was incorporated in 1888. Residents faced hardship again in 1891 when Southern Pacific relocated its valley headquarters to Bakersfield.

When the railroad left, residents turned to agriculture for their livelihood, but faced the challenge of providing enough water to supply the new industry. To bring water to the area, residents founded the Tulare Irrigation District and issued \$500,000 in bonds to construct an extensive canal system carrying water from the Sierra Nevada Mountains. The town paid the bonds off early and in 1903 celebrated with a bond-burning celebration.

Agriculture remains the lifeblood of the local economy and Tulare sits in the heart of some of the most productive farmland in the world. The strategic location makes Tulare very attractive to food processors and distributors because of the central location and abundant supply of locally grown products.

Los Angeles and the San Francisco Bay area are less than a 4 hour drive and, in addition to being served by Freeway 99, Tulare is 40 minutes from Interstate 5, which connects California to Oregon and Washington.

The ports of Stockton, Sacramento, Los Angeles and San Francisco are all within 200 miles of Tulare and infrastructure and transportation systems are already in place to facilitate product movement.

The main line of the Union Pacific Railroad runs through Tulare, offering rail access to major cities throughout the United States. Amtrak offers passenger rail service from nearby Corcoran and Hanford.

Domestic and international flights are available at Fresno/Yosemite International Airport and Bakersfield's Meadows Field Airport and domestic flights are 10 minutes away at Visalia Municipal Airport. The City of Tulare also operates its own municipal airport, serving private planes. FedEx air service is available at the Visalia Municipal Airport and both UPS and FedEx provide surface overnight service to northern and southern California cities.

CAPITAL INVESTMENT PROGRAM PROJECT SELECTION AND BUDGET DEVELOPMENT PROCESS

Departments use the following process to develop the CIP Budget. Staff begins with a conceptual project, prepares a feasibility analysis that includes completion and close-out. Each project has a designated department project manager. Project budgets are estimates and become further refined as the project moves forward.

The adopted "Project Approval Criteria" (ranking process) are as follows:

1. Project corrects immediate and urgent public health or public safety issue.
2. City is legally or contractually obligated to undertake the project at a specified time.
3. Project addresses regulatory, safety, or environmental requirements that more likely than not threatens in whole or in part the City's ability to operate a core program or function within the next fiscal year if not replaced or repaired.
4. Project replaces a capital asset that will more likely than not reduce or eliminate the City's ability to operate a core program within the next fiscal year if not replaced or repaired.
5. Project represents an investment that will return real cash savings over an identifiable investment horizon and that return exceeds the City's cost of capital (cost of capital equals weighted average interest on City debt issues and capital leases).
6. Project extends an existing City program or function to meet the Council's vision and explicit direction.
7. Project creates a new City program or function to meet the Council's vision and explicit direction.
8. Project addresses regulatory, safety, or environmental requirements that could threaten in whole or in part the City's ability to operate a core program or function at some future time if not replaced or repaired.
9. Project replaces a capital asset that could reduce or eliminate the City's ability to operate a core program at some future time if it is not replaced or repaired
10. Projects will be evaluated using reasonable projections of marginal cash flows (not accrual-based expenditures or expenses). Marginal cash flows take into account the costs associated with the project as compared to the cash flows if the project is not done. Projects in category 4 above are to be ranked within their category according to the highest return net present value of the marginal cash flows.
11. Project rankings will be consistent with City legislative body plans for maximally optimizing per capital income and real property values within the City of Tulare.

"Core programs," as used above, are programs that Authorizing Bodies designate as crucial to their operating plans for the near and intermediate terms. Generally, if the City is actively currently operating a program it is assumed to be "core," unless changed or eliminated by the respective Authorizing Body.

CAPITAL INVESTMENT PROGRAM PROJECT IMPLEMENTATION STRATEGY

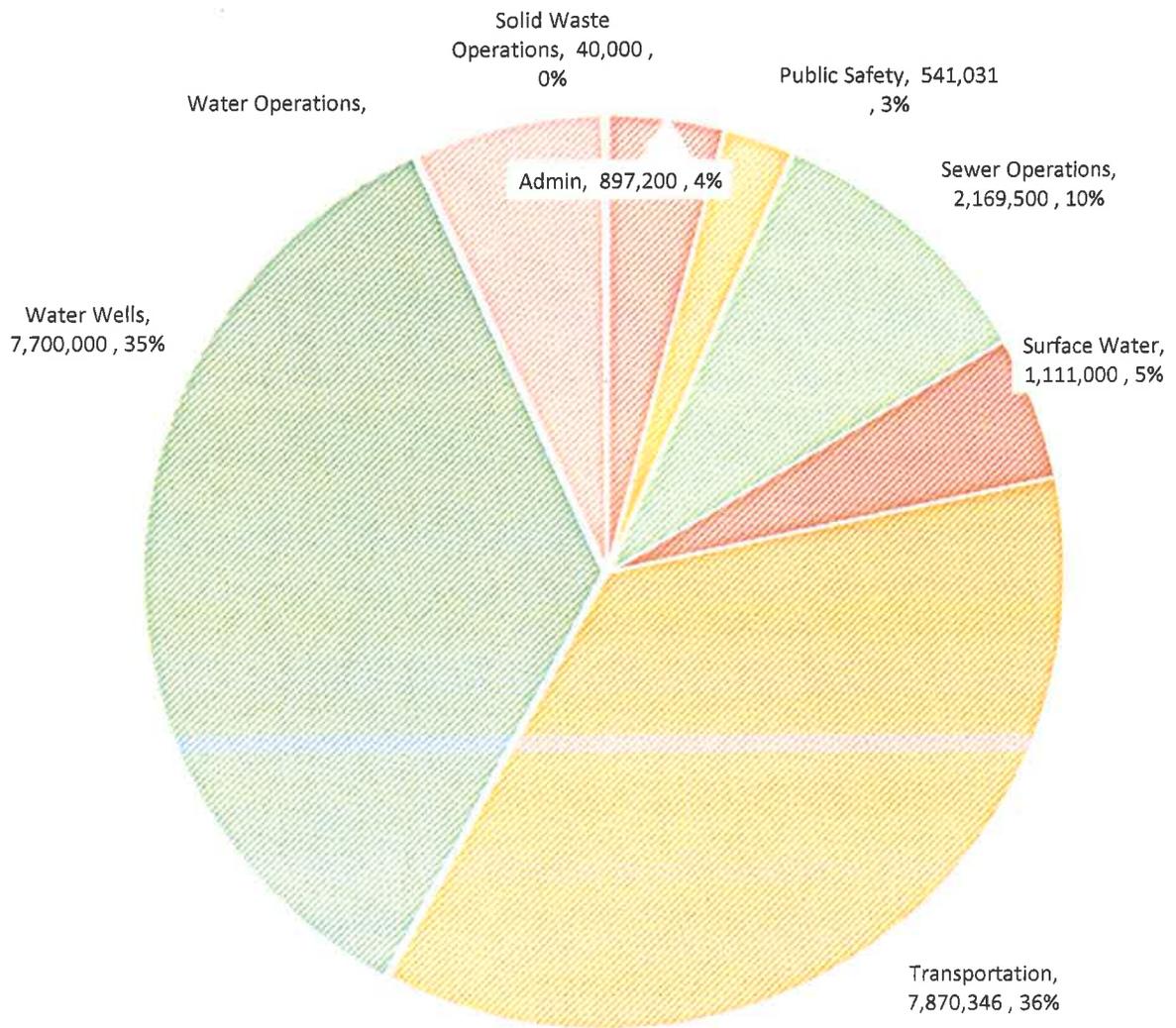
In addition to the above project selection criteria, staff follows the following implementation strategies:

- A. Only approved and active projects will be the focus of serious effort by staff.
- B. Each project will have a responsible Project Manager from concept through completion. The Project Manager is responsible for articulating project scope, budget formulation, schedule development, project risk management and being the expert with regard to the project funding requirements.
- C. The City will maintain a modest inventory of "designed" capital infrastructure projects to be able to take advantage of state or federal funds on short notice. This may include acquiring property rights and doing environmental review work so the projects are ready for immediate construction.
- D. Work plans will take into account proposed projects and project feasibility will consider whether sufficient human resources exist to successfully complete the project within the proposed schedule and budget.
- E. The Authorizing Body is responsible for approving projects and for identifying projects to keep in the "ready" inventory, except as delegated to the City Manager in the context of project concept development.
- F. Operating transfers designated for funding projects by the respective Authorizing Body will be booked in the City accounts expeditiously after project sources and uses approval.
- G. The City Manager or designee will create internal processes and procedures to assure the efficient and effective operation of the TPMS, Project budget process, and project management office concept.
- H. All Information Technology components of capital projects will be evaluated and reviewed by the Information Technology Division on the basis of their integration with existing city systems and processes. Projects containing Information Technology components will be reviewed early in the project lifecycle
- I. All grants requiring project administration and accounting will be managed using the project cost accounting system. All matching funds for such grants will be identified by the Project Manager and Finance before the project is presented for approval to the Authorizing Body.

CAPITAL INVESTMENT PROGRAM PROJECT EXPENDITURES BY DEPARTMENT 2017-2018 CIP BUDGET

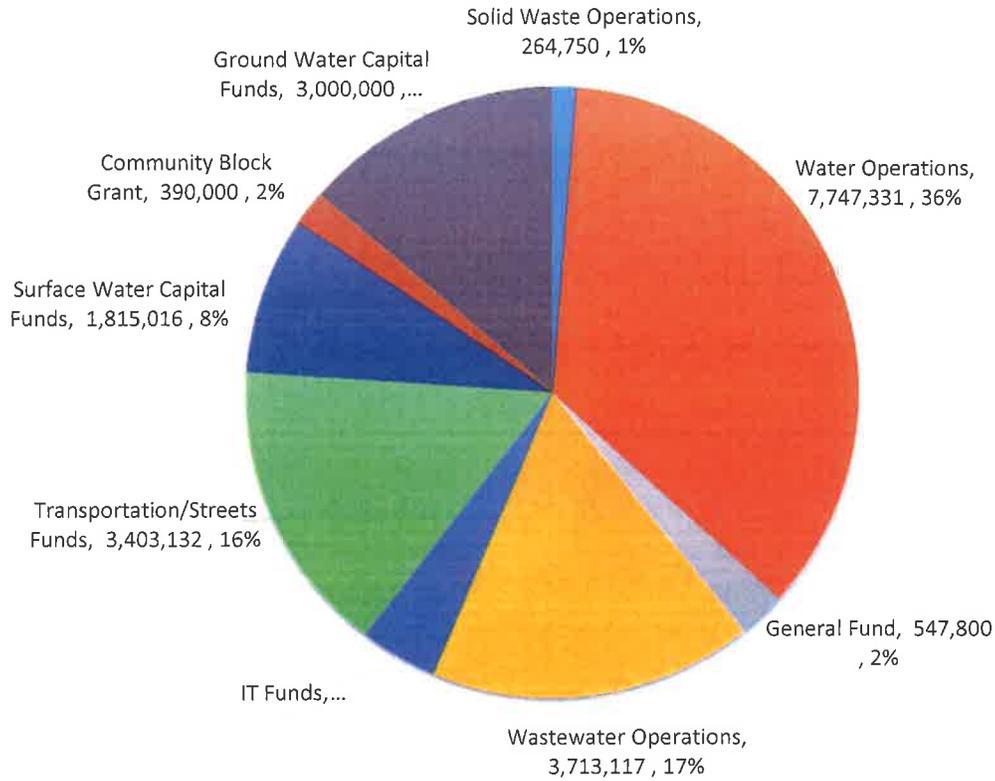
- Admin
- Public Safety
- Sewer Operations
- Surface Water
- Transportation
- Water Wells
- Water Operations
- Solid Waste Operations

TOTAL EXPENDITURES: \$21,771,427



**CAPITAL INVESTMENT PROGRAM
PROJECT FUNDING SOURCES
2017-2018 CIP BUDGET**

2017/18 FUNDING SOURCES



TOTAL SOURCES: \$21,771,427

- Solid Waste Operations
- Water Operations
- General Fund
- Wastewater Operations
- IT Funds
- Transportation/Streets Funds
- Surface Water Capital Funds
- Community Block Grant
- Ground Water Capital Funds

CAPITAL IMPROVEMENT PROGRAM
Categorical Expenditure Plan - FY 2017/18

BUDGET PRJ #	EDEN PRJ#	GL ACCT NO	Project Title	Total Project Costs 2017-18 FY	AB1 Gas Tax Funds	RSTP & Gas Tax	Measure R	Solid Waste Franchise Fees	General Fund Contributions		RDA & CDBG	Staff Salaries	TCP Funds	To Be Determined	DIF Fees	Water Bonds	Water Operations	Sewer Operations	Solid Waste Opr	Storm Water (GF)	Surface Water CIP	IT Funds	Eqmt Rplcmnt	Total Funding Sources
									Cash & Materials	Measure I														
CM2016-1	CM0006	601-4601-6809	City Hall Security Upgrade	25,000					25,000	25,000														25,000
FL2016-1	FL0003	601-4601-7801	Automated Fluid Dispensing System	25,000					10,000	10,000							4,500	1,500	9,000					25,000
FL2016-2	FL0004	601-4601-7802	Rehabilitate Fuel Service Bunker	5,000														5,000						5,000
FL2016-4	FL0005	601-4601-7803	Aqueous Parts Washer Cabinet	10,000					2,500	2,500								2,500	5,000					10,000
FL2016-5	FL0006	604-4604-7836	Aerial Lift Truck	140,000					140,000	140,000									5,000					140,000
FM0016	FM0016	601-4601-6313	Annual Facilities Capital Maintenance	25,000					25,000	25,000														25,000
FM2016-1	FM0024	601-4601-6802	City Hall Roof	75,500					75,500	75,500														75,500
FM2016-2	FM0025	601-4601-6803	Training Room Corporation Yard	20,000					10,000	10,000							3,000	3,000	4,000					20,000
FM2016-4	FM0026	623-4623-7807	Library Standby Batteries	14,000																			14,000	14,000
FM2016-5	FM0027	601-4601-7804	Standby Battery Power for Corp Yard	5,000					2,500	2,500							500	250	1,750					5,000
FM2016-13	FM0028	615-4615-6829	WWTP Administration Roof	95,500														95,500						95,500
FM2016-14	FM0029	601-4601-6804	Corporation Yard Phase 1-3	750,000														250,000	500,000					750,000
FM2016-16	FM0030	605-4605-6807	Airport - Relocate Segmented Circle & Wind Cones	25,000					25,000	25,000														25,000
HR2016-1	HR0003	601-4601-6805	ADA Compliance Upgrades - City Facilities	40,000					40,000	40,000														40,000
IT0029	IT0029	603-4603-6312	Hardware Software Equipment	15,000																				15,000
IT2016-1	IT0032	603-4603-6801	PD Server Room Fire Suppression	25,000																				25,000
IT2016-2	IT0033	603-4603-6802	City Hall Room Fire Suppression	25,000																				25,000
IT2016-3	IT0034	623-4623-7810	Council Chambers Audio Improvements	35,000																				35,000
IT2016-4	IT0035	603-4603-7801	Public Works Mobile Computers	12,000																				12,000
IT2016-5	IT0036	623-4623-7809	IT Equipment Replacement	65,000																				65,000
PK0014	PK0014	601-4601-6808	Landscape Area Retrofit	20,000					20,000	20,000														20,000
PK2016-1	PK0021	623-4623-7808	DX3 Irrigation Mgmt System Replacement	20,000																				20,000
FD0001	FD0001	623-4623-7604	Radio Replacement Project (Annual)	16,731																				16,731
FD0009	FD0009	601-4601-7807	PPE Replacement Project	29,600					29,600	29,600														29,600
FD0010	FD0010	623-4623-7702	Fire Equipment Replacement Project (Annual)	102,000																				102,000
FD2016-1	FD0011	603-4603-7802	Fire Mobile Computers	15,000																				15,000
FD2016-2	FD0012	601-4601-6806	Station 61 Roof Replacement	57,500					57,500	57,500														57,500
PD0010	PD0010	603-4603-7803	CLETS Access in Vehicles	45,000																				45,000
PD0014	PD0014	623-4623-7606	Laptop/Tablet Computer Replacement (Annual)	33,250																				33,250
PD0016	PD0016	623-4623-7608	Police Department Radio Replacement (Annual)	34,500																				34,500
PD2016-4	PD0018	623-4623-7805	Dispatch Console Radio Replacement	156,450																				156,450
PD2016-5	PD0019	601-4601-7806	Rifle Plate Carrier	32,000					32,000	32,000														32,000
PD2016-6	PD0020	623-4623-7806	Taser Replacement	16,000																				16,000
PD2016-7	PD0021	601-4601-6807	East and West Side Module Demolition	10,000					10,000	10,000														10,000
SW2016-1	SW0006	615-4615-6815	Alley Sewer Main Replacement	150,000																				150,000
SW2016-2	SW0007	615-4615-6816	Electrical Control System Upgrade	150,000																				150,000
SW2016-3	SW0008	615-4615-6817	Lift Station Upgrades	225,000																				225,000
SW2016-4	SW0009	615-4615-6818	Manhole Rehabilitation	150,000																				150,000
SW2016-5	SW0010	604-4604-7835	New 3/4 Ton Pickup Truck	35,000																				35,000
SW2016-6	SW0011	610-4610-6819	Sewer Hansen Replacement	85,000																				85,000
SW2016-7	SW0012	604-4604-7837	Unit 971 Replacement CCTV Truck	225,000													42,000	43,000						225,000
WW2016-1	WW023	615-4615-6820	Lagoon Aerator Rehabilitation	51,000																				51,000
WW2016-2	WW024	615-4615-6821	Total Bar Rake Overhaul	23,000																				23,000
WW2016-3	WW025	615-4615-6822	Ctrlr for Domestic Trmt Instrumentation	80,000																				80,000
WW2016-4	WW026	615-4615-6823	New High Solids System	710,000																				710,000
WW2016-5	WW027	615-4615-6824	Industrial WW Trmt Fac Instrumentation	152,000																				152,000
WW2016-6	WW028	615-4615-6825	Methanol Control System Upgrade	37,000																				37,000
WW2016-7	WW029	615-4615-6826	Polymer Mixing Skid System Addition	32,000																				32,000
WW2016-8	WW030	615-4615-6827	Primary Clarifier Floatable Collector Mech	37,500																				37,500
WW2016-9	WW031	615-4615-6828	Wet Well Discharge Pit Resurfacing	27,000																				27,000
SO2016-1	SO0006	612-4612-7801	EQUIPMENT CAMERA SYSTEMS	40,000																				40,000
SU2016-1	SU0001	647-4647-6803	New Lift Station - Levin and West Street	300,000																				300,000
SU2016-2	SU0002	647-4647-6804	New Lift Station	300,000																				300,000
SU2016-3	SU0003	647-4647-6805	SCADA System	375,000																				375,000
WT0030	WT0030	610-4610-6810	Annual Meter Replacement	584,350																				584,350
WT2016-1	WT0032	610-4610-6811	TCP Treatment	3,000,000																				3,000,000
WT2016-2	WT0033	610-4610-6812	Groundwater Recharge Basins	200,000																				200,000
WT2016-3	WT0034	610-4610-6813	Electrical System Upgrades	150,000																				150,000
WT2016-4	WT0035	610-4610-6814	Generators	125,000																				125,000
WT2016-5	WT0036	610-4610-6815	Well 40 Treatment	1,500,000																				1,500,000
WT2016-6	WT0037	610-4610-6816	Well Rehabilitation	200,000																				200,000
WT2016-7	WT0038	610-4610-6817	Well 4-5	1,500,000																				1,500,000
WT2016-8	WT0039	610-4610-6818	Well 4-7	1,500,000																				1,500,000
WT2016-9	WT0040	610-4610-6820	SRF Grant Project	383,000																				383,000
EN0060	EN0060	610-4617-2017	Transportation Planning	70,000		45,000	5,000																	70,000
EN0061	EN0061	643-4643-6840	New Traffic Signal Installation	175,000					13,547	13,547						10,000		10,000						175,000
EN0062	EN0062	643-4643-2017	ADA Surveys	25,000																				25,000
EN0063	EN0063	643-4643-6840	Safe Schools	15,000					1,161	1,161														15,000
EN0064	EN0064	643-4643-6840	Traffic Safety (Enhancement)	88,300					81,464	81,464														88,300
EN0065	EN0065	643-4643-6840	New Street Lights	25,000					23,065	23,065														25,000
EN0066	EN0066	643-4643-2017	Annual Traffic Counts	9,000					9,000	9,000														9,000
EN0067	EN0067	643-4643-2017	Basic Admin.	40,000		20,328			19,672	19,672														40,000
EN0068	EN0068	643-4643-2017	PMS Software License	3,500		1,779			1,721	1,721														3,500
EN0069	EN0069	643-4643-2017	Speed Zone Surveys	5,000					5,000	5,000														5,000
EN0070	EN0070	643-4643-2017	Traffic Signal Timing Plan Updates	26,000					12,787	12,787					</									

CAPITAL IMPROVEMENT PROGRAM
Categorical Expenditure Plan - FY 2017/18

BUDGET PRJ #	EDEN PRJ#	GL ACCT NO	Project Title	Total Project Costs 2017-18 FY	AB1 Gas Tax Funds	RSTP & Gas Tax	Measure R	Solid Waste Franchise Fees	General Fund Contributions			RDA & CDBG	Staff Salaries	TCP Funds	To Be Determined	DIF Fees	Water Bonds	Water Operations	Sewer Operations	Solid Waste Opr	Storm Water (GF)	Surface Water CIP	IT Funds	Eqmt Rplcmnt	Total Funding Sources
									Cash & Materials	Measure I	Total														
EN0064	EN0064	643-4643-6841 610-4610-6841 615-4615-6841 647-4647-6841	E ST. - BARDSLEY TO PLEASANT	5,219,630	438,940	2,050,937						390,000				1,065,194		409,564				864,995			5,219,630
EN0070	EN0070	643-4643-6839 610-4610-6839 615-4615-6839 647-4647-6839	I' St.-Owens	3,031,077			271,140					390,000				1,280,145		530,553				559,239			3,031,077
EN0071	EN0071	643-4643-6837	Prosperity - Blackstone-SR99 NB Ramp	250,000		250,000																			250,000
2017-2	EN0073	643-4643-6831	Cartmill/Hillman	2,495,282		61,459	476,785							179,110	1,777,928										2,495,282
2017-3	EN0074	643-4643-6830	Cross: Tulare - West	30,029		30,029																			30,029
2017-1	EN0075	643-4643-6833	J Street	95,000				95,000																	95,000
2017-4	EN0076	643-4643-6834 610-4610-6834 615-4615-6834 647-4647-6834	O St: Bardsley - Pleasant	434,436								244,479				97,248		71,939				20,770			434,436
EN2016-01 pms1	EN0077	643-4643-6835 610-4610-6835 615-4615-6835 647-4647-6835	Cherry-Bash Alley Improvements	426,167		59,092										126,949		177,136				62,990			426,167
EN2016-14	EN0078	643-4643-6836	Bardsley/Morrison st Sidewalk @ MOHS	43,000		43,000																			43,000
EN2016-1	EN0079	643-4643-2017	ADA ProW Transition Plan	170,000		142,000			28,000																170,000
EN2016-16	EN0080	643-4643-6838	RSTP Program	590,669		590,669																			590,669
st0006	st0006	643-4643-2031	Alleys	31,000		29,400			1,600																31,000
st0006	st0006	643-4643-2031	Asphalt Repair	40,000					3,400	36,600															40,000
st0006	st0006	643-4643-2031	Pavement Preservation	200,000							200,000														200,000
st0006	st0006	643-4643-2014	City Crosswalk	30,500		6,231	8,053			16,216															30,500
ST0007	ST0007	643-4643-2014	Non-conforming Design	38,500		7,866	10,165			20,469															38,500
ST0007	ST0007	643-4643-2014	Non-school Bike/Ped	39,500		8,070	10,430			21,001															39,500
ST0007	ST0007	643-4643-2014	Sign Maintenance	40,000		8,172	10,562			21,266															40,000
ST0007	ST0007	643-4643-2014	Signal Maintenance	40,000		8,172	10,562			21,266															40,000
ST0007	ST0007	643-4643-2014	Urgency Items	50,000		10,215	13,202			26,583															50,000
ST0007	ST0007	643-4643-2014	Concrete Repair - City Facilities	71,000		14,505	18,747			37,748															71,000
ST0007	ST0007	643-4643-2014	Concrete Repair - ROW	30,000		6,129	7,921			15,950															30,000
ST0007	ST0007	643-4643-2014	City Striping - Annual Contract	47,000		9,602	12,410			24,988															47,000
ST0007	ST0007	643-4643-2014	Roadway Lighting (Maintenance)	30,000		6,129	7,921			15,950															30,000
ST0007	ST0007	643-4643-2014	Concrete Repair - ROW	32,000		6,538	8,449			17,013															32,000
TOTAL				\$ 28,321,471	\$ 438,940	\$ 3,433,587	\$ 1,223,245	\$ 100,000	\$ 815,179	\$ 200,000	\$ 1,015,179	\$ 1,024,479	\$ 26,500	\$ 3,000,000	\$ 179,110	\$ 1,777,928	\$ 2,579,536	\$ 6,192,350	\$ 3,657,942	\$ 519,750	\$ 40,000	\$ 2,482,994	\$ 137,000	\$ 492,931	\$ 28,321,471

City of Tulare
2017-2022 Projects Budget
ADMIN PROJECTS

Five Year List:

CM0004	Matching/Contingency Fund
CM0006 (CM2016-1)	City Hall Security Upgrade
FL0003 (FL2016-1)	Automated Fluid Dispensing System
FL0004 (FL2016-2)	Rehabilitate Fuel Service Bunker
FL2016-3	Fuel Island Standby Generator Corporation Yard
FL0005 (FL2016-4)	Aqueous Parts Washer Cabinet
FL0006 (FL2016-5)	Aerial Lift Truck
FM0016	Annual Facilities Capital Maintenance
FM0024 (FM2016-1)	City Hall Roof
FM0025 (FM2016-2)	Training Room Corporation Yard
FM0026 (FM2016-4)	Library Standby Batteries
FM0027 (FM2016-5)	Standby Battery Power for Corp Yard
FM2016-6	Youth Center Pre Coolers
FM2016-7	PD Standby Generator
FM2016-9	Airport - Rehabilitation of South End Taxi Lane
FM2016-11	Airport - Reconfiguration Design Taxi Way
FM0028 (FM2016-13)	WWTP Administration Roof
FM0029 (FM2016-14)	Corporation Yard Phase 1-3
FM2016-15	Corporation Yard Building Project
FM0030 (FM2016-16)	Airport - Relocate Segmented Circle & Wind Cones
HR0003 (HR2016-1)	ADA Compliance Upgrades - City Facilities

PROJECT EXPENSES	FISCAL YEARS					Grand Total
	2017-2018	2018-2019	2019-2020	2020-2021	2021-2022	
City Manager's Office	\$25,000		\$25,000	\$25,000	\$25,000	\$100,000
City Hall Security Upgrade	\$25,000					\$25,000
Matching/Contingency Fund			\$25,000	\$25,000	\$25,000	\$75,000
Fleet	\$180,000		\$45,000			\$225,000
Aerial Lift Truck	\$140,000					\$140,000
Aqueous Parts Washer Cabinet	\$10,000					\$10,000
Automated Fluid Dispensing System	\$25,000					\$25,000
Fuel Island Standby Generator Corp Yard			\$45,000			\$45,000
Rehabilitate Fuel Island Service Bunker	\$5,000					\$5,000
Facilities Maintenance	\$1,010,000	\$2,309,200	\$1,585,000	\$175,000	\$175,000	\$5,254,200
Airport - Reconfiguration Design Taxi Wa			\$140,000			\$140,000
Airport - Rehabilitation of South End Taxi Lane		\$650,000				\$650,000
Annual Facilities Capital Maintenance	\$25,000	\$15,000	\$25,000	\$25,000	\$25,000	\$115,000
City Hall Roof	\$75,500					\$75,500
Corporation Yard Phase 1-3	\$750,000	\$1,400,000	\$1,270,000			\$3,420,000
Library Standby Batteries	\$14,000					\$14,000

PROJECT EXPENSES	FISCAL YEARS					Grand Total
	2017-2018	2018-2019	2019-2020	2020-2021	2021-2022	
PD Standby Generator		\$187,000				\$187,000
Standby Battery Power for Corp Yard	\$5,000					\$5,000
Training Room Corp Yard	\$20,000					\$20,000
WWTP Administration Roof	\$95,500					\$95,500
Youth Center Pre Coolers Corporation Yard Building Project		\$57,200				\$57,200
Airport - Relocate Segmented Circle & Wind Cones			\$150,000	\$150,000	\$150,000	\$450,000
Human Resources	\$40,000	\$40,000	\$40,000	\$40,000	\$40,000	\$200,000
ADA Compliance Upgrades - City Facilities	\$40,000	\$40,000	\$40,000	\$40,000	\$40,000	\$200,000
Grand Total	\$1,255,000	\$2,349,200	\$1,695,000	\$240,000	\$240,000	\$5,779,200

FUNDING SOURCES	FISCAL YEARS					Grand Total
	2017-2018	2018-2019	2019-2020	2020-2021	2021-2022	
009 Transit Fixed Route		\$150,000				\$150,000
601 Other General Fund CIP	\$355,500	\$147,950	\$280,200	\$240,000	\$240,000	\$1,263,650
610 Water CIP Fund	\$8,000	\$500,000	\$506,500			\$1,014,500
612 Solid Waste CIP	\$524,750	\$500,000	\$522,750			\$1,547,500
615 SEWER/WASTEWATER CIP	\$352,750	\$250,000	\$253,250			\$856,000
623 Equipment Replacement Fund	\$14,000	\$187,000				\$201,000
605 FAA ACIP Grant		\$585,000	\$126,000			\$711,000
605 State Caltrans Grant		\$29,250	\$6,300			\$35,550
Grand Total	\$1,255,000	\$2,349,200	\$1,695,000	\$240,000	\$240,000	\$5,779,200

Admin Project

PROJECT # CM0004
Matching/Contingency Fund
CHANGE

PROJECT MANAGER: Shonna Oneal

PROJECT DESCRIPTION & PURPOSE: This project will contribute matching funds for grant funded projects that are awarded to the City during FY 2015-2020. It will also be a fund available to pay contingency amounts in approved projects that exceed the budget.

KEY POINTS: Will provide matching funding to allow City to take advantage of grant funding when it becomes available and help cover contingency amounts.

PROJECT STATUS: This project currently has a fund balance of \$88,319.00 for budget unspent in 15/16-16/17. Therefore, no funding from 17/18-18/19 is being requested. Projected appropriations commencing in 19/20 are \$25,000.00.

PROJECTED START DATE: 7/1/2015

PROJECTED END DATE: 6/30/2020

FUTURE M & O: None

CRITERIA (1-8): Criteria 5: Project extends an existing City Program or function to meet the Council's vision and explicit direction.

Costs Description	Fiscal Year					Total	Unfunded
	2017/18	2018/19	2019/20	2020/21	2021/22		
Matching/Contingency Fund	\$0	\$0	\$25,000	\$25,000	\$25,000	\$75,000	\$0
	\$0	\$0	\$0	\$0	\$0	\$0	\$0
	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Total Costs:	\$0	\$0	\$25,000	\$25,000	\$25,000	\$75,000	\$0
Funding Sources							
601 Other General Fund	\$0	\$0	\$25,000	\$25,000	\$25,000	\$75,000	\$0
	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Total Funding:	\$0	\$0	\$25,000	\$25,000	\$25,000	\$75,000	\$0

Admin Project

PROJECT # CM0006	G/L ACCT # 601-4601-6809
City Hall Security Upgrades	
(Capital)	
(Capital)	
District(s): 1, 2, 3, 4, 5	

PROJECT MANAGER: Nick Bartsch

PROJECT DESCRIPTION & PURPOSE: Make necessary security upgrades to the second floor of the City Hall building, including the additions of and modifications to partition walls, doors, locks and other security measures to provide the ability to regulate access to and monitor select areas within the building, while maintaining accessibility to the public.

KEY POINTS: This project will help provide additional security for City Employees as recommended in a recent security review.

PROJECT STATUS: Request for funding 2017 to 2022 Project Cycle.

PROJECTED START DATE: 7/1/2017

PROJECTED END DATE: 6/30/2017

FUTURE M & O: None
(Additional Cost & Department Responsibility)

CRITERIA (1-8): Criteria 2: Project addresses regulatory, safety, or environmental requirements that more likely than not threatens in whole or in part the City's ability to operate a core program or function within the next fiscal year if not replace or repaired.

	Fiscal Year					Total	Unfunded
	2017/2018	2018/2019	2019/2020	2020/2021	2021/2022		
Costs Description							
Construction Costs	\$20,000	\$0	\$0	\$0	\$0	\$20,000	\$0
Staff Time	\$5,000	\$0	\$0	\$0	\$0	\$5,000	\$0
	\$0	\$0	\$0	\$0	\$0	\$0	\$0
	\$0	\$0	\$0	\$0	\$0	\$0	\$0
	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Total Costs:	\$25,000	\$0	\$0	\$0	\$0	\$25,000	\$0
Funding Sources							
601 Other General Fund CIP	\$25,000	\$0	\$0	\$0	\$0	\$25,000	\$0
	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Total Funding:	\$25,000	\$0	\$0	\$0	\$0	\$25,000	\$0

Admin Project

PROJECT FL0003	G/L ACCT # 601-4601-7801
Automated Fluid Dispensing System	
(Capital)	
(Capital)	
Districts 1, 2, 3, 4, 5	

PROJECT MANAGER: Steve Bonville

PROJECT DESCRIPTION & PURPOSE: Retrofit curent manual overhead oil dispensing system to automated and regulated process.

KEY POINTS: Uncontrolled use of overhead fluid dispensing system will reduce product loss, accurately track fluid use and put all control of dispensing to admin personnel.

PROJECT STATUS: Request for funding 2017-2022 Project Cycle

PROJECTED START DATE: 7/1/2017

PROJECTED END DATE: 6/30/2018

FUTURE M & O: No additional costs; future savings of product loss, accurate vehicle reporting
(Additional Cost & Department Responsibility)

CRITERIA (1-8): Criteria 8: Project replaces a capital asset that could reduce or eliminate the City's ability to operate a core program at some future time if it is not replaced or repaired.

	Fiscal Year					Total	Unfunded
	2017/2018	2018/2019	2019/2020	2020/2021	2021/2022		
Costs Description							
Construction / Installation Costs	\$25,000	\$0	\$0	\$0	\$0	\$25,000	\$0
	\$0	\$0	\$0	\$0	\$0	\$0	\$0
	\$0	\$0	\$0	\$0	\$0	\$0	\$0
	\$0	\$0	\$0	\$0	\$0	\$0	\$0
	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Total Costs:	\$25,000	\$0	\$0	\$0	\$0	\$25,000	\$0
Funding Sources							
601 Other General Fund CIP	\$10,000	\$0	\$0	\$0	\$0	\$10,000	\$0
612 Solid Waste CIP	\$9,000	\$0	\$0	\$0	\$0	\$9,000	\$0
610 Water CIP Fund	\$4,500	\$0	\$0	\$0	\$0	\$4,500	\$0
615 SEWER/WASTEWATER CIP	\$1,500	\$0	\$0	\$0	\$0	\$1,500	\$0
Total Funding:	\$25,000	\$0	\$0	\$0	\$0	\$25,000	\$0

Admin Project

PROJECT # FL0004	G/L ACCT # 601-4601-7802
Rehabilitate Fuel Island Service Bunker	
(Capital)	
(Capital)	
DISTRICTS 1, 2, 3, 4, 5	

PROJECT MANAGER: Steve Bonville

PROJECT DESCRIPTION & PURPOSE: Rehabilitate Fuel Island Bunker to provide 24 hour water , air and service to City vehicles

KEY POINTS: Allows City vehicles to air tires, add water and service basic fluids after hours while at the fuel island. Will be future site for vehicle supply vending for after hours.

PROJECT STATUS: Request for funding 2017-2022 Project Cycle

PROJECTED START DATE: 10/1/2017

PROJECTED END DATE: 12/1/2017

FUTURE M & O: None
(Additional Cost & Department Responsibility)

CRITERIA (1-8): Criteria 8: Project replaces a capital asset that could reduce or eliminate the City's ability to operate a core program at some future time if it is not replaced or repaired.

	Fiscal Year					Total	Unfunded
	2017/2018	2018/2019	2019/2020	2020/2021	2021/2022		
Costs Description							
Equipment / Compressor	\$1,500	\$0	\$0	\$0	\$0	\$1,500	\$0
Hose Reels	\$1,200	\$0	\$0	\$0	\$0	\$1,200	\$0
Lighting	\$800	\$0	\$0	\$0	\$0	\$800	\$0
Staff Time	\$1,500	\$0	\$0	\$0	\$0	\$1,500	\$0
	\$0	\$0	\$0	\$0	\$0	\$0	\$0
	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Total Costs:	\$5,000	\$0	\$0	\$0	\$0	\$5,000	\$0
Funding Sources							
612 Solid Waste CIP	\$5,000	\$0	\$0	\$0	\$0	\$5,000	\$0
	\$0	\$0	\$0	\$0	\$0	\$0	\$0
	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Total Funding:	\$5,000	\$0	\$0	\$0	\$0	\$5,000	\$0

Admin Project

PROJECT # FL2016-3
Fuel Island Standby Generator Corporation Yard
(Capital)
(Capital)
Districts 1, 2, 3, 4, 5

PROJECT MANAGER: Steve Bonville

PROJECT DESCRIPTION & PURPOSE: Replace CNG powered standby generator that powers the City fuel station and the Clean Energy station with a Diesel powered generator.

KEY POINTS: City unleaded and diesel fuel relies on the availability of CNG to provide backup power, present generator is not capable of sustained power for CNG station and is CNG powered.

PROJECT STATUS: Request for funding 2017-2022 Project Cycle

PROJECTED START DATE: 3/1/2018

PROJECTED END DATE: 6/1/2018

FUTURE M & O: Increase to the Equipment Replacement fund of \$2,250 annually split amongth Corp Yard departments for future replacement in 20 years.
(Additional Cost & Department Responsibility)

CRITERIA (1-8): Criteria 2: Project addresses regulatory, safety, or environmental requirements that more likely than not threatens in whole or in part the City's ability to operate a core program or function within the next fiscal year if not replace or repaired.

	Fiscal Year					Total	Unfunded
	2017/2018	2018/2019	2019/2020	2020/2021	2021/2022		
Costs Description							
Equipment	\$0	\$0	\$40,000	\$0	\$0	\$40,000	\$0
Permitting and Instalation	\$0	\$0	\$5,000	\$0	\$0	\$5,000	\$0
	\$0	\$0	\$0	\$0	\$0	\$0	\$0
	\$0	\$0	\$0	\$0	\$0	\$0	\$0
	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Total Costs:	\$0	\$0	\$45,000	\$0	\$0	\$45,000	\$0
Funding Sources							
601 Other General Fund CIP	\$0	\$0	\$22,500	\$0	\$0	\$22,500	\$0
610 Water CIP	\$0	\$0	\$4,500	\$0	\$0	\$4,500	\$0
612 Solid Waste CIP	\$0	\$0	\$15,750	\$0	\$0	\$15,750	\$0
615 Sewer/Wastewater CIP	\$0	\$0	\$2,250	\$0	\$0	\$2,250	\$0
Total Funding:	\$0	\$0	\$45,000	\$0	\$0	\$45,000	\$0

Admin Project

PROJECT # FL0005	G/L ACCT # 601-4601-7803
Aqueous Parts Washer Cabinet	
(Capital)	
(Capital)	
Districts 1, 2, 3, 4, 5	

PROJECT MANAGER: Steve Bonville

PROJECT DESCRIPTION & PURPOSE: Replacement of parts washer that is over 11 years old / addition of portable washer in service bays

KEY POINTS: New technology allows for more environmentally friendly chemical cleaning use and quick cleaning times. The addition of smaller wash areas will be more efficient in the shop for small parts.

PROJECT STATUS: Request for funding 2017-2022 Project Cycle

PROJECTED START DATE: 8/1/2017

PROJECTED END DATE: 9/1/2017

FUTURE M & O: Increase to the Equipment Replacement fund of \$1,000 annually from the Fleet Dept for future replacement (10 year life)
(Additional Cost & Department Responsibility)

CRITERIA (1-8): Criteria 8: Project replaces a capital asset that could reduce or eliminate the City's ability to operate a core program at some future time if it is not replaced or repaired.

	Fiscal Year					Total	Unfunded
	2017/2018	2018/2019	2019/2020	2020/2021	2021/2022		
Costs Description							
Equipment	\$10,000	\$0	\$0	\$0	\$0	\$10,000	\$0
	\$0	\$0	\$0	\$0	\$0	\$0	\$0
	\$0	\$0	\$0	\$0	\$0	\$0	\$0
	\$0	\$0	\$0	\$0	\$0	\$0	\$0
	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Total Costs:	\$10,000	\$0	\$0	\$0	\$0	\$10,000	\$0
Funding Sources							
601 Other General Fund CIP	\$2,500	\$0	\$0	\$0	\$0	\$2,500	\$0
612 Solid Waste CIP	\$5,000	\$0	\$0	\$0	\$0	\$5,000	\$0
615 SEWER/WASTEWATER CIP	\$2,500	\$0	\$0	\$0	\$0	\$2,500	\$0
Total Funding:	\$10,000	\$0	\$0	\$0	\$0	\$10,000	\$0

Admin Project

PROJECT # FL0006	G/L ACCT # 604-4604-7836
Aerial Lift Truck	
(Capital)	
(Capital)	
Districts 1-2-3-4-5	

PROJECT MANAGER: Steve Bonville

PROJECT DESCRIPTION & PURPOSE: Aerial truck needed for traffic signal and street light maintenance.

KEY POINTS: Additional aerial truck would enable two employees assigned to signal and street light maintenance to perform required preventative maintenance before corrective.

PROJECT STATUS: Request for Funding 2017-2022 Project Cycle

PROJECTED START DATE: 7/1/2017

PROJECTED END DATE: 9/1/2017

FUTURE M & O: This project will increase the Street Division's M&O commencing on July 2017 in the amount of \$13,000.00 annually to include maintenance and annual contribution towards replacement. Plus fuel and maintenance costs.
(Additional Cost & Department Responsibility)

CRITERIA (1-8): Criteria 5: Project extends an existing City Program or function to meet the Council's vision and explicit direction.

	Fiscal Year					Total	Unfunded
	2017/2018	2018/2019	2019/2020	2020/2021	2021/2022		
Costs Description							
Equipment	\$126,000	\$0	\$0	\$0	\$0	\$126,000	\$0
Contingency	\$14,000	\$0	\$0	\$0	\$0	\$14,000	\$0
	\$0	\$0	\$0	\$0	\$0	\$0	\$0
	\$0	\$0	\$0	\$0	\$0	\$0	\$0
	\$0	\$0	\$0	\$0	\$0	\$0	\$0
	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Total Costs:	\$140,000	\$0	\$0	\$0	\$0	\$140,000	\$0
Funding Sources							
601 Other General Fund CIP	\$140,000	\$0	\$0	\$0	\$0	\$140,000	\$0
	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Total Funding:	\$140,000	\$0	\$0	\$0	\$0	\$140,000	\$0

ADMIN PROJECT

PROJECT #FM0016	G/L ACCT # 601-4601-6313
Facilities Capital Maintenance - Change	
(Maintenance & Operations)	

PROJECT MANAGER: Steve Bonville

PROJECT DESCRIPTION & PURPOSE: Annual funding for capital maintenance related to public

KEY POINTS: Provide a steady funding source for facilities capital

PROJECT STATUS: Change request being submitted to reduce funding for fy

PROJECTED START DATE: Annual

PROJECTED END DATE:

FUTURE M & O: Unknown

CRITERIA (1-8): Criteria 2: Project addresses regulatory, safety, or

	Fiscal Year					Total	Unfunded
	Previous	2015/16	2016/17	2017/18			
Costs Description							
Construction Costs		\$20,000	\$50,000	\$50,000	\$0	\$120,000	\$0
Facilities Maintenance Time		\$0	\$0	\$0	\$0	\$0	\$0
-215-0001 - Community Center HVAC Repl.	\$2,716.96	\$0	\$0	\$0	\$0	\$2,717	\$0
Carry Over Amount	\$26,648.68	\$0	\$0	\$0	\$0	\$26,649	\$0
Youth Center Roof Damage		\$30,000	\$0	\$0	\$0	\$30,000	\$0
		\$0	\$0	\$0	\$0	\$0	\$0
Total Costs:	\$29,365.64	\$50,000	\$50,000	\$50,000	\$0	\$179,366	\$0
Funding Sources							
601 General Fund CIP	\$59,365.64	\$20,000	\$50,000	\$50,000	\$0	\$179,366	\$0
	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Total Funding:	\$59,365.64	\$20,000	\$50,000	\$50,000	\$0	\$179,366	\$0

Admin Project

PROJECT # FM0024	G/L ACCT # 601-4601-6802
City Hall Roof	
(Capital)	
(Maintenance & Repair)	
Districts 1, 2, 3, 4, 5	

PROJECT MANAGER: Steve Bonville

PROJECT DESCRIPTION & PURPOSE: Replacement and seal City Hall Roof

KEY POINTS: Repair improperly installed roofing and re cover after repairs. Roof was poorly installed and has ongoing leaks and surface blisters.

PROJECT STATUS: Request for funding 2017-2022 Project Cycle

PROJECTED START DATE: 8/1/2017

PROJECTED END DATE: 12/1/2017

FUTURE M & O: Roof should be placed on 20 year life cycle.
(Additional Cost & Department Responsibility)

CRITERIA (1-8): Criteria 5: Project extends an existing City Program or function to meet the Council's vision and explicit direction.

	Fiscal Year					Total	Unfunded
	2017/2018	2018/2019	2019/2020	2020/2021	2021/2022		
Costs Description							
Roofing Repair and Recover	\$65,000	\$0	\$0	\$0	\$0	\$65,000	\$0
Permitting	\$1,500	\$0	\$0	\$0	\$0	\$1,500	\$0
Staff Time	\$2,500	\$0	\$0	\$0	\$0	\$2,500	\$0
Contingency (10% cost of project)	\$6,500	\$0	\$0	\$0	\$0	\$6,500	\$0
Total Costs:	\$75,500	\$0	\$0	\$0	\$0	\$75,500	\$0
Funding Sources							
601 Other General Fund CIP	\$75,500	\$0	\$0	\$0	\$0	\$75,500	\$0
	\$0	\$0	\$0	\$0	\$0	\$0	\$0
	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Total Funding:	\$75,500	\$0	\$0	\$0	\$0	\$75,500	\$0

Admin Project

PROJECT # FM0025	G/L ACCT # 601-4601-6803
Training Room Corporation Yard	
(Capital)	
(Conceptual)	
Districts 1, 2, 3, 4, 5	

PROJECT MANAGER: Steve Bonville

PROJECT DESCRIPTION & PURPOSE: Modify excess space and the addition of audio visual equipment in the Fleet break room to allow for large training groups and meetings at the Corporation Yard

KEY POINTS: Excess break room space at corporation yard goes unused. No dedicated training facility other than City Hall for larger groups. Can be used for other Departments located on site.

PROJECT STATUS: Request funding for 2017-2022 Project Cycle

PROJECTED START DATE: 7/1/2017

PROJECTED END DATE: 6/30/2018

FUTURE M & O: None
(Additional Cost & Department Responsibility)

CRITERIA (1-8): Criteria 6: Project creates a new City program or function to meet the Council's vision and explicit direction.

	Fiscal Year					Total	Unfunded
	2017/2018	2018/2019	2019/2020	2020/2021	2021/2022		
Costs Description							
Room Configuration	\$5,000	\$0	\$0	\$0	\$0	\$5,000	\$0
Audio Visual Equipment	\$10,000	\$0	\$0	\$0	\$0	\$10,000	\$0
Furnishings	\$5,000	\$0	\$0	\$0	\$0	\$5,000	\$0
	\$0	\$0	\$0	\$0	\$0	\$0	\$0
	\$0	\$0	\$0	\$0	\$0	\$0	\$0
	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Total Costs:	\$20,000	\$0	\$0	\$0	\$0	\$20,000	\$0
Funding Sources							
601 Other General Fund CIP	\$10,000	\$0	\$0	\$0	\$0	\$10,000	\$0
610 Water CIP Fund	\$3,000	\$0	\$0	\$0	\$0	\$3,000	\$0
615 SEWER/WASTWATER CIP	\$3,000	\$0	\$0	\$0	\$0	\$3,000	\$0
612 Solid Waste CIP	\$4,000	\$0	\$0	\$0	\$0	\$4,000	\$0
Total Funding:	\$20,000	\$0	\$0	\$0	\$0	\$20,000	\$0

Admin Project

PROJECT # FM0026	G/L ACCT # 623-4623-7807
Library Standby Batteries	
(Capital)	
(Equipment Replacement)	
Districts 1, 2, 3, 4, 5	

PROJECT MANAGER: Steve Bonville

PROJECT DESCRIPTION & PURPOSE: Emergency standby power for the Library is provided by a 25 battery power pack and invertor installation

KEY POINTS: Batteries have a useful life of 5 to 7 years and are now over 7 years old and should be scheduled for replacement.

PROJECT STATUS: Request for funding 2017-2022 Project Cycle

PROJECTED START DATE: 10/1/2017

PROJECTED END DATE: 11/1/2017

FUTURE M & O: No additional M & O required; already budgeted annually for replacement.
(Additional Cost & Department Responsibility)

CRITERIA (1-8): Criteria 5: Project extends an existing City Program or function to meet the Council's vision and explicit direction.

	Fiscal Year					Total	Unfunded
	2017/2018	2018/2019	2019/2020	2020/2021	2021/2022		
Costs Description							
Batteries	\$12,000	\$0	\$0	\$0	\$0	\$12,000	\$0
Installation	\$2,000	\$0	\$0	\$0	\$0	\$2,000	\$0
	\$0	\$0	\$0	\$0	\$0	\$0	\$0
	\$0	\$0	\$0	\$0	\$0	\$0	\$0
	\$0	\$0	\$0	\$0	\$0	\$0	\$0
	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Total Costs:	\$14,000	\$0	\$0	\$0	\$0	\$14,000	\$0
Funding Sources							
623 Equipment Replacement (Library Equipment)	\$14,000	\$0	\$0	\$0	\$0	\$14,000	\$0
	\$0	\$0	\$0	\$0	\$0	\$0	\$0
	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Total Funding:	\$14,000	\$0	\$0	\$0	\$0	\$14,000	\$0

Admin Project

PROJECT # FM0027	G/L ACCT # 601-4601-7804
Standby Battery Power for Corp Yard	
(Capital)	
(Equipment Replacement)	
Districts 1, 2, 3, 4, 5	

PROJECT MANAGER: Steve Bonville

PROJECT DESCRIPTION & PURPOSE: Upgrade standby battery power supply to provide phone and internet service to the Corporation Yard during power failures. Present capacity is less than 45 minutes before phones and internet is lost.

KEY POINTS: Corpyard internet and phones are not powered by standby generators in the event of power failure and have only a 45 minute capacity. More capacity is needed.

PROJECT STATUS: Request for funding 2017-2022 Project Cycle

PROJECTED START DATE: 11/1/2017

PROJECTED END DATE: 12/1/2017

FUTURE M & O: Increase to the Equipment Replacement fund of \$1,000 annually split amongst Corp Yard departments for future replacement.
(Additional Cost & Department Responsibility)

CRITERIA (1-8): Criteria 2: Project addresses regulatory, safety, or environmental requirements that more likely than not threatens in whole or in part the City's ability to operate a core program or function within the next fiscal year if not replaced or repaired.

Costs Description	Fiscal Year					Total	Unfunded
	2017/2018	2018/2019	2019/2020	2020/2021	2021/2022		
Equipment	\$5,000	\$0	\$0	\$0	\$0	\$5,000	\$0
	\$0	\$0	\$0	\$0	\$0	\$0	\$0
	\$0	\$0	\$0	\$0	\$0	\$0	\$0
	\$0	\$0	\$0	\$0	\$0	\$0	\$0
	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Total Costs:	\$5,000	\$0	\$0	\$0	\$0	\$5,000	\$0
Funding Sources							
601 Other General Fund CIP	\$2,500	\$0	\$0	\$0	\$0	\$2,500	\$0
610 Water CIP	\$500	\$0	\$0	\$0	\$0	\$500	\$0
612 Solid Waste CIP	\$1,750	\$0	\$0	\$0	\$0	\$1,750	\$0
615 Sewer/Wastewater CIP	\$250	\$0	\$0	\$0	\$0	\$250	\$0
Total Funding:	\$5,000	\$0	\$0	\$0	\$0	\$5,000	\$0

Admin Project

PROJECT # FM2016-6
Youth Center Pre Coolers
(Capital)
(Maintenance & Repair)
Districts 1, 2, 3, 4, 5

PROJECT MANAGER: Steve Bonville

PROJECT DESCRIPTION & PURPOSE: Replacement of Youth Center Roof Top Coolers and Ducting

KEY POINTS: Youth Center relies on evaporative cooling for the basketball and activity courts. Over time, ducting from the evaporative pre coolers has been rusting from the inside causing leaks through the ceiling and will continue to degrade the effectiveness of the cooled air supplied to the courts.

PROJECT STATUS: Request for funding 2017-2022 Project Cycle

PROJECTED START DATE: 2/1/2018

PROJECTED END DATE: 6/1/2018

FUTURE M & O: None
(Additional Cost & Department Responsibility)

CRITERIA (1-8): Criteria 7: Project addresses regulatory, safety, or environmental requirements that could threaten in whole or in part the City's ability to operate a core program or function at some future time if not replaced or repaired.

	Fiscal Year					Total	Unfunded
	2017/2018	2018/2019	2019/2020	2020/2021	2021/2022		
Costs Description							
Equipment	\$0	\$35,000	\$0	\$0	\$0	\$35,000	\$0
Engineering and Installation	\$0	\$10,000	\$0	\$0	\$0	\$10,000	\$0
Roof Repair	\$0	\$5,000	\$0	\$0	\$0	\$5,000	\$0
Permitting	\$0	\$1,000	\$0	\$0	\$0	\$1,000	\$0
Staff Time	\$0	\$1,000	\$0	\$0	\$0	\$1,000	\$0
Contingency (10% cost of project)	\$0	\$5,200	\$0	\$0	\$0	\$5,200	\$0
Total Costs:	\$0	\$57,200	\$0	\$0	\$0	\$57,200	\$0
Funding Sources							
601 Other General Fund CIP	\$0	\$57,200	\$0	\$0	\$0	\$57,200	\$0
	\$0	\$0	\$0	\$0	\$0	\$0	\$0
	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Total Funding:	\$0	\$57,200	\$0	\$0	\$0	\$57,200	\$0

Admin Project

PROJECT # FM2016-7
PD Standby Generator
(Capital)
(Capital)
Districts 1, 2, 3, 4, 5

PROJECT MANAGER: Steve Bonville

PROJECT DESCRIPTION & PURPOSE: Replace Natural Gas powered standby generator that powers the Police station with a Diesel powered generator.

KEY POINTS: Police Station standby by power supply for emergency communications and police department operations

PROJECT STATUS: Request for funding 2018-2019 Project Cycle

PROJECTED START DATE: 12/1/2019

PROJECTED END DATE: 4/1/2019

FUTURE M & O: Increase to the Equipment Replacement fund of \$6,000 annually for replacement in 20 years.
(Additional Cost & Department Responsibility)

CRITERIA (1-8): Criteria 2: Project addresses regulatory, safety, or environmental requirements that more likely than not threatens in whole or in part the City's ability to operate a core program or function within the next fiscal year if not replace or repaired.

	Fiscal Year					Total	Unfunded
	2017/2018	2018/2019	2019/2020	2020/2021	2021/2022		
Costs Description							
Equipment / Genset / Transfer Switch	\$0	\$135,000	\$0	\$0	\$0	\$135,000	\$0
Permitting and Design	\$0	\$5,000	\$0	\$0	\$0	\$5,000	\$0
Equipment Installation	\$0	\$15,000	\$0	\$0	\$0	\$15,000	\$0
Electrical Installation and Engineering	\$0	\$15,000	\$0	\$0	\$0	\$15,000	\$0
10% Contingency	\$0	\$17,000	\$0	\$0	\$0	\$17,000	\$0
	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Total Costs:	\$0	\$187,000	\$0	\$0	\$0	\$187,000	\$0
Funding Sources							
623 Equipment Replacement Fund	\$0	\$187,000	\$0	\$0	\$0	\$187,000	\$0
	\$0	\$0	\$0	\$0	\$0	\$0	\$0
	\$0	\$0	\$0	\$0	\$0	\$0	\$0
	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Total Funding:	\$0	\$187,000	\$0	\$0	\$0	\$187,000	\$0

Admin Project

PROJECT # FM2016-9
Airport - Rehabilitation of South End Taxi Lane
(Capital)
(Capital)
Districts 1, 2, 3, 4, 5

PROJECT MANAGER: Steve Bonville

PROJECT DESCRIPTION & PURPOSE: Southern taxi way is in poor condition and is in need of rehabilitation and repaving.

KEY POINTS: Project will provide safer taxiing at the airport. Project qualifies for Federal FAA Grant Funding of 90%.

PROJECT STATUS: Request for funding 2017-2022 Project Cycle

PROJECTED START DATE: 7/1/2018 (includes time to secure grant funding)

PROJECTED END DATE: 6/30/2019

FUTURE M & O: None
(Additional Cost & Department Responsibility)

CRITERIA (1-8): Criteria 7: Project addresses regulatory, safety, or environmental requirements that could threaten in whole or in part the City's ability to operate a core program or function at some future time if not replaced or repaired.

	Fiscal Year					Total	Unfunded
	2017/2018	2018/2019	2019/2020	2020/2021	2021/2022		
Costs Description							
Construction Costs	\$0	\$640,000	\$0	\$0	\$0	\$640,000	\$0
Staff Time / Management	\$0	\$10,000	\$0	\$0	\$0	\$10,000	\$0
	\$0	\$0	\$0	\$0	\$0	\$0	\$0
	\$0	\$0	\$0	\$0	\$0	\$0	\$0
	\$0	\$0	\$0	\$0	\$0	\$0	\$0
	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Total Costs:	\$0	\$650,000	\$0	\$0	\$0	\$650,000	\$0
Funding Sources							
601 Other General Fund CIP		\$35,750	\$0	\$0	\$0	\$35,750	\$0
605 FAA ACIP Grant	\$0	\$585,000	\$0	\$0	\$0	\$585,000	\$0
605 State Caltrans Grant	\$0	\$29,250	\$0	\$0	\$0	\$29,250	\$0
Total Funding:	\$0	\$650,000	\$0	\$0	\$0	\$650,000	\$0

Admin Project

PROJECT # FM2016-11
Airport - Reconfiguration Design Taxi Way
(Capital)
(Capital)
Districts 1, 2, 3, 4, 5

PROJECT MANAGER: Steve Bonville

PROJECT DESCRIPTION & PURPOSE: Primary Taxi Way is in need of rehabilitation and no longer meets FAA standards by location. Project is to design Taxi Way to meet standards.

KEY POINTS: Project will design for reconfiguration and rehabilitation of the main taxi way. Project qualifies for Federal FFA funding of 90%.

PROJECT STATUS: Request for funding 2017-2022 Project Cycle

PROJECTED START DATE: 7/1/2019

PROJECTED END DATE: 6/30/2020

FUTURE M & O: None
(Additional Cost & Department Responsibility)

CRITERIA (1-8): Criteria 7: Project addresses regulatory, safety, or environmental requirements that could threaten in whole or in part the City's ability to operate a core program or function at some future time if not replaced or repaired.

	Fiscal Year					Total	Unfunded
	2017/2018	2018/2019	2019/2020	2020/2021	2021/2022		
Costs Description							
Construction Costs	\$0	\$0	\$130,000	\$0	\$0	\$130,000	\$0
Staff Time / Management	\$0	\$0	\$10,000	\$0	\$0	\$10,000	\$0
	\$0	\$0	\$0	\$0	\$0	\$0	\$0
	\$0	\$0	\$0	\$0	\$0	\$0	\$0
	\$0	\$0	\$0	\$0	\$0	\$0	\$0
	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Total Costs:	\$0	\$0	\$140,000	\$0	\$0	\$140,000	\$0
Funding Sources							
601 Other General Fund CIP	\$0	\$0	\$7,700	\$0	\$0	\$7,700	\$0
605 FAA ACIP Grant	\$0	\$0	\$126,000	\$0	\$0	\$126,000	\$0
605 State Caltrans Grant	\$0	\$0	\$6,300	\$0	\$0	\$6,300	\$0
Total Funding:	\$0	\$0	\$140,000	\$0	\$0	\$140,000	\$0

Admin Project

PROJECT # FM0028	G/L ACCT # 615-4615-6829
WWTP Administration Roof	
(Capital)	
(Maintenance & Repair)	
Districts 1, 2, 3, 4, 5	

PROJECT MANAGER: Steve Bonville

PROJECT DESCRIPTION & PURPOSE: Replacement Building Roof

KEY POINTS: Roof has severe rust damage due to leaking and un repaired coolers and need replacement

PROJECT STATUS: Request for funding 2017-2022 Project Cycle

PROJECTED START DATE: 9/1/2017

PROJECTED END DATE: 12/1/2017

FUTURE M & O: Roof should be placed on 20 year life cycle.
(Additional Cost & Department Responsibility)

CRITERIA (1-8): Criteria 3: Project replaces a capital asset that will more likely than not reduce or eliminate the City's ability to operate a core program within the next fiscal year if not replaced or repaired.

	Fiscal Year					Total	Unfunded
	2017/2018	2018/2019	2019/2020	2020/2021	2021/2022		
Costs Description							
Roofing Repair and Recover	\$85,000	\$0	\$0	\$0	\$0	\$85,000	\$0
Permitting	\$1,500	\$0	\$0	\$0	\$0	\$1,500	\$0
Staff Time	\$2,500	\$0	\$0	\$0	\$0	\$2,500	\$0
Contingency (10% cost of project)	\$6,500	\$0	\$0	\$0	\$0	\$6,500	\$0
	\$0	\$0	\$0	\$0	\$0	\$0	\$0
	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Total Costs:	\$95,500	\$0	\$0	\$0	\$0	\$95,500	\$0
Funding Sources							
615 Sewer/Wastewater CIP Fund	\$95,500	\$0	\$0	\$0	\$0	\$95,500	\$0
	\$0	\$0	\$0	\$0	\$0	\$0	\$0
	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Total Funding:	\$95,500	\$0	\$0	\$0	\$0	\$95,500	\$0

Admin Project

PROJECT # FM0029	G/LACCT # 601-4601-6804
Corporation Yard Phase 1-3	
(Capital)	
(Capital)	
Districts 1,2,3,4,5	

PROJECT MANAGER: Nick Bartsch

PROJECT DESCRIPTION & PURPOSE: Pavement and drainage improvements to the City Corporation Yard. This project makes needed improvements to the failed pavement and lack of drainage that pose safety concerns and damage to equipment. The project also makes necessary security improvements to the fencing and upgrades the entry gate to RFID technology to better secure the yard and allow authorized vehicles to enter without exiting the vehicle.

KEY POINTS: The scope of this project addresses issues as identified in the recent Corporation Yard pavement and drainage master plan. Phases 1-3 will be done at this time and the balance will be addressed as a separate project in the future as funding becomes available.

PROJECT STATUS: Request for Funding 2017-2022 Project Cycle

PROJECTED START DATE: 7/1/2017

PROJECTED END DATE: 12/30/2019

FUTURE M & O: None

(Additional Cost & Department Responsibility)

CRITERIA (1-8): Criteria 8: Project replaces a capital asset that could reduce or eliminate the City's ability to operate a core program at some future time if it is not replaced or repaired.

	Fiscal Year					Total	Unfunded
	2017/18	2018/19	2019/20	2020/21	2021/22		
Costs Description							
001 - Conceptual	\$0	\$0	\$0	\$0	\$0	\$0	\$0
002 - Preliminary Design	\$0	\$0	\$0	\$0	\$0	\$0	\$0
003 - Environmental	\$0	\$0	\$0	\$0	\$0	\$0	\$0
004 - Final Design	\$300,000	\$0	\$0	\$0	\$0	\$300,000	\$0
005 - Construct/Implement	\$0	\$1,850,000	\$1,270,000	\$0	\$0	\$3,120,000	\$0
006 - Close Out	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Total Costs:	\$300,000	\$1,850,000	\$1,270,000	\$0	\$0	\$3,420,000	\$0
Funding Sources							
610 Water Fund	\$0	\$500,000	\$502,000	\$0	\$0	\$1,002,000	\$0
612 Solid Waste Fund	\$500,000	\$500,000	\$507,000	\$0	\$0	\$1,507,000	\$0
615 Sewer/Wastewater Fund	\$250,000	\$250,000	\$251,000	\$0	\$0	\$751,000	\$0
004 Transit Fixed Route	\$0	\$150,000	\$0	\$0	\$0	\$150,000	\$0
601 Other General Fund CIP	\$0	\$0	\$10,000	\$0	\$0	\$10,000	\$0
Total Funding:	\$750,000	\$1,400,000	\$1,270,000	\$0	\$0	\$3,420,000	\$0

Admin Project

PROJECT # FM2016-15
Corporation Yard Building Project
(Capital)
(Capital)
Districts 1,2,3,4,5

PROJECT MANAGER: Joe Carlini

PROJECT DESCRIPTION & PURPOSE: Conceptual project to address needed Building improvements/replacements at the City Corporation Yard. This project will address deteriorating and non-compliant office and shop facilities.

KEY POINTS: The ultimate funding for this project will be provided from various departments/funds and allocated accordingly based on amount of the facility utilized by each. The project and future funding will extend beyond the 5-year outlook identified below. Additional funding to be determined.

PROJECT STATUS: Request for Funding 2017-2022 Project Cycle

PROJECTED START DATE: 7/1/2017

PROJECTED END DATE: 6/30/2022

FUTURE M & O: None
(Additional Cost & Department Responsibility)

CRITERIA (1-8): Criteria 8: Project replaces a capital asset that could reduce or eliminate the City's ability to operate a core program at some future time if it is not replaced or repaired.

	Fiscal Year					Total	Unfunded
	2017/18	2018/19	2019/20	2020/21	2021/22		
Costs Description							
001 - Conceptual	\$0	\$0	\$150,000	\$150,000	\$150,000	\$450,000	\$0
002 - Preliminary Design	\$0	\$0	\$0	\$0	\$0	\$0	\$0
003 - Environmental	\$0	\$0	\$0	\$0	\$0	\$0	\$0
004 - Final Design	\$0	\$0	\$0	\$0	\$0	\$0	\$0
005 - Construct/Implement	\$0	\$0	\$0	\$0	\$0	\$0	\$0
006 - Close Out	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Total Costs:	\$0	\$0	\$150,000	\$150,000	\$150,000	\$450,000	\$0
Funding Sources							
601 Other General Fund CIP	\$0	\$0	\$150,000	\$150,000	\$150,000	\$450,000	\$0
610 Water Fund	\$0	\$0	\$0	\$0	\$0	\$0	\$0
612 Solid Waste Fund	\$0	\$0	\$0	\$0	\$0	\$0	\$0
615 Sewer/Wastewater Fund	\$0	\$0	\$0	\$0	\$0	\$0	\$0
009 Transit Fixed Route	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Total Funding:	\$0	\$0	\$150,000	\$150,000	\$150,000	\$450,000	\$0

AIRPORT PROJECT

PROJECT # FM0030	G/L ACCT # 605-4605-6807
ACIP Relocation of Segmented Circle and Wind Cones	
(CIP)	

PROJECT MANAGER: S. Bonville

PROJECT DESCRIPTION & PURPOSE: Relocate and Rehabilitate the Segmented Circle and Wind Cone of the Airport to a more visible location. Circle and Cone have been in service 20 plus years and have weathered and need relocation to be in FAA standards. CIP is for Federal Grant matching funds only.

KEY POINTS:

PROJECT STATUS: Grant Application in preparation for FAA Budget Year 2017

PROJECTED START DATE: Budget Year 2017/2018

PROJECTED END DATE:

FUTURE M & O: None

CRITERIA (1-8): Criteria 8: Project replaces a capital asset that could reduce or eliminate the City's ability to operate a core program at some future time if it is not replaced or repaired.

Costs Description	Fiscal Year					Total	Unfunded
	2015/16	2016/17	2017/18	2018/19	2019/20		
Federal Matching Funds	\$0	\$0	\$25,000	\$0	\$0	\$25,000	\$0
	\$0	\$0	\$0	\$0	\$0	\$0	\$0
	\$0	\$0	\$0	\$0	\$0	\$0	\$0
	\$0	\$0	\$0	\$0	\$0	\$0	\$0
	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Total Costs:	\$0	\$0	\$25,000	\$0	\$0	\$25,000	\$0
Funding Sources							
601 Other General Fund CIP		\$0	\$25,000	\$0	\$0	\$25,000	\$0
	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Total Funding:	\$0	\$0	\$25,000	\$0	\$0	\$25,000	\$0

Admin Project

PROJECT # HR0003	G/L ACCT # 601-4601-6805
ADA Compliance Upgrades - City Facilities	
(Capital)	
(Annual)	
District(s): 1,2,3,4,5	

PROJECT MANAGER: Bruno Huerta

PROJECT DESCRIPTION & PURPOSE: Impliment necessary ADA compliance upgrades to on-site City facilities according to the 2016 ADA Transition Plan.

KEY POINTS: Compliance to the American Disabilities Act

PROJECT STATUS: Request funding for 2017-2022 project cycle.

PROJECTED START DATE: 7/1/2017

PROJECTED END DATE: 6/30/2018

FUTURE M & O: None
(Additional Cost & Department Responsibility)

CRITERIA (1-8): Criteria 2: Project addresses regulatory, safety, or environmental requirements that more likely than not threatens in whole or in part the City's ability to operate a core program or function within the next fiscal year if not replace or repaired.

	Fiscal Year					Total	Unfunded
	2017/2018	2018/2019	2019/2020	2020/2021	2021/2022		
Costs Description							
Construction/Equipment Costs	\$37,500	\$37,500	\$37,500	\$37,500	\$37,500	\$187,500	\$0
Staff Time	\$2,500	\$2,500	\$2,500	\$2,500	\$2,500	\$12,500	\$0
	\$0	\$0	\$0	\$0	\$0	\$0	\$0
	\$0	\$0	\$0	\$0	\$0	\$0	\$0
	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Total Costs:	\$40,000	\$40,000	\$40,000	\$40,000	\$40,000	\$200,000	\$0
Funding Sources							
601 Other General FundCIP	\$40,000	\$40,000	\$40,000	\$40,000	\$40,000	\$200,000	\$0
	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Total Funding:	\$40,000	\$40,000	\$40,000	\$40,000	\$40,000	\$200,000	\$0

City of Tulare
2017-2022 Projects Budget
INFORMATION TECHNOLOGY PROJECTS

Five Year List:

IT0029	Hardware Software Equipment
IT0032 (IT2016-1)	PD Server Room Fire Suppression
IT0033 (IT2016-2)	City Hall Room Fire Suppression
IT0034 (IT2016-3)	Council Chambers Audio Improvements
IT0035 (IT2016-4)	Public Works Mobile Computers
IT0036 (IT2016-5)	IT Equipment Replacement
IT2016-6 (Future Project)	DMZ Virtualization
IT2016-7 (Future Project)	Additional Laptop/Tablet Computers
IT2016-8 (Future Project)	Licensing Web
IT2016-9 (Future Project)	Aerial Orthoimagery
IT2016-10 (Future Project)	Storage Expansion
IT2016-11 (Future Project)	City Hall/PD Cameras
IT2016-12 (Future Project)	Disaster Recovery

PROJECT EXPENSES	FISCAL YEARS					Grand Total
	2017-2018	2018-2019	2019-2020	2020-2021	2021-2022	
Information Technology	\$177,000	\$154,000	\$97,000	\$87,000	\$60,000	\$575,000
Additional Laptop/Tablet Computers		\$24,000				\$24,000
Aerial Orthoimagery			\$32,000			\$32,000
City Hall Server Room Fire Suppression	\$25,000					\$25,000
City Hall/PD Cameras				\$72,000		\$72,000
Council Chambers Audio Improvements	\$35,000					\$35,000
Disaster Recovery					\$45,000	\$45,000
DMZ Virtualization		\$20,000				\$20,000
Hardware Software Equipment	\$15,000	\$15,000	\$15,000	\$15,000	\$15,000	\$75,000
IT Equipment Replacement	\$65,000	\$80,000				\$145,000
Licensing		\$15,000				\$15,000
PD Server Room Fire Suppression	\$25,000					\$25,000
Public Works Mobile Computers	\$12,000					\$12,000
Storage Expansion			\$50,000			\$50,000
Grand Total	\$177,000	\$154,000	\$97,000	\$87,000	\$60,000	\$575,000

FUNDING SOURCES	FISCAL YEARS					Grand Total
	2017-2018	2018-2019	2019-2020	2020-2021	2021-2022	
601 Other General Fund CIP			\$32,000			\$32,000
603 Technology Fund	\$77,000	\$74,000	\$65,000	\$40,000	\$60,000	\$316,000
623 Equipment Replacement Fund	\$100,000	\$80,000		\$47,000		\$227,000
Grand Total	\$177,000	\$154,000	\$97,000	\$87,000	\$60,000	\$575,000

IT Project

PROJECT # IT0029	G/L ACCT # 603-4603-6312
Hardware Software Equipment	
(Capital)	
(Annual)	
Districts 1, 2, 3, 4, 5	

PROJECT MANAGER: Jason Bowling

PROJECT DESCRIPTION & PURPOSE: Annual Replacment reserve funding for replacment of obsolete equipment and necessary software upgrades. Maintain capability of mission critical equipment and software

KEY POINTS: Annual funding allocation will be budgeted to meet needs and are subject to City rules regarding procurement. Significant items will be brought before the City Council for approvals.

PROJECT STATUS: Change request to increase allocation to 15,000 through 2022 from the 603 Technology CIP fun. Prior Yer funding will remain as previously approved.

PROJECTED START DATE: 7/1/2017

PROJECTED END DATE: 6/30/2022

FUTURE M & O:
(Additional Cost & Department Responsibility) Unknown

CRITERIA (1-8): Criteria 7: Project addresses regulatory, safety, or environmental requirements that could threaten in whole or in part the City's ability to operate a core program or function at some future time if not replaced or repaired.

	Fiscal Year					Total	Unfunded
	2017/2018	2018/2019	2019/2020	2020/2021	2021/2022		
Costs Description							
Hardware/Software	\$15,000	\$15,000	\$15,000	\$15,000	\$15,000	\$75,000	\$0
	\$0	\$0	\$0	\$0	\$0	\$0	\$0
	\$0	\$0	\$0	\$0	\$0	\$0	\$0
	\$0	\$0	\$0	\$0	\$0	\$0	\$0
	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Total Costs:	\$15,000	\$15,000	\$15,000	\$15,000	\$15,000	\$75,000	\$0
Funding Sources							
603 Technology Fund	\$15,000	\$15,000	\$15,000	\$15,000	\$15,000	\$75,000	\$0
	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Total Funding:	\$15,000	\$15,000	\$15,000	\$15,000	\$15,000	\$75,000	\$0

IT Project

PROJECT # IT0032	G/L ACCT # 603-4603-6801
PD Server Room Fire Suppression	
(Capital)	
(Capital)	
Districts 1, 2, 3, 4, 5	

PROJECT MANAGER: Jason Bowling

PROJECT DESCRIPTION & PURPOSE: This project is to install a "clean-agent" fire protection in the Police Department server room. Fire is a significant risk to computer equipment. Currently there is no fire suppression in the room. This room contains all of the Police Department and 911 infrastructure.

KEY POINTS: Significant Risk Reduction

PROJECT STATUS: Request for Funding 2017-2022 Project Cycle

PROJECTED START DATE: 7/1/2017

PROJECTED END DATE: 12/31/2017

FUTURE M & O: Annual Maintenance and Inspection will be about \$900 commencing July 1, 2018. Department Responsible: PD
(Additional Cost & Department Responsibility)

CRITERIA (1-8): Criteria 1: Project corrects immediate and urgent public health or public safety issue.

Costs Description	Fiscal Year					Total	Unfunded
	2017/2018	2018/2019	2019/2020	2020/2021	2021/2022		
Equipment	\$25,000	\$0	\$0	\$0	\$0	\$25,000	\$0
	\$0	\$0	\$0	\$0	\$0	\$0	\$0
	\$0	\$0	\$0	\$0	\$0	\$0	\$0
	\$0	\$0	\$0	\$0	\$0	\$0	\$0
	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Total Costs:	\$25,000	\$0	\$0	\$0	\$0	\$25,000	\$0
Funding Sources							
603 Technology Fund	\$25,000	\$0	\$0	\$0	\$0	\$25,000	\$0
	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Total Funding:	\$25,000	\$0	\$0	\$0	\$0	\$25,000	\$0

IT Project

PROJECT # IT0033	G/L ACCT # 603-4603-6802
City Hall Server Room Fire Suppression	
(Capital)	
(Capital)	
Districts 1, 2, 3, 4, 5	

PROJECT MANAGER: Jason Bowling

PROJECT DESCRIPTION & PURPOSE: This project is to install a "clean-agent" fire protection in the city Hall server room. Fire is a significant risk to computer equipment. Currently there is no fire suppression in the room. This room contains almost all of the data for the City of Tulare.

KEY POINTS: Significant Risk Reduction

PROJECT STATUS: Request for Funding 2017-2022 Project Cycle

PROJECTED START DATE: 7/1/2017

PROJECTED END DATE: 12/31/2017

FUTURE M & O: Annual Maintenance and Inspection will be about \$900 commencing July 1, 2018. Department Responsible: IT.
(Additional Cost & Department Responsibility)

CRITERIA (1-8): Criteria 7: Project addresses regulatory, safety, or environmental requirements that could threaten in whole or in part the City's ability to operate a core program or function at some future time if not replaced or repaired.

	Fiscal Year					Total	Unfunded
	2017/2018	2018/2019	2019/2020	2020/2021	2021/2022		
Costs Description							
Equipment	\$25,000	\$0	\$0	\$0	\$0	\$25,000	\$0
	\$0	\$0	\$0	\$0	\$0	\$0	\$0
	\$0	\$0	\$0	\$0	\$0	\$0	\$0
	\$0	\$0	\$0	\$0	\$0	\$0	\$0
	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Total Costs:	\$25,000	\$0	\$0	\$0	\$0	\$25,000	\$0
Funding Sources							
603 Technology Fund	\$25,000	\$0	\$0	\$0	\$0	\$0	\$0
	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Total Funding:	\$25,000	\$0	\$0	\$0	\$0	\$0	\$0

Public Safety Project

PROJECT # IT0034	G/L ACCT # 623-4623-7810
Council Chambers Audio Improvements	
(Capital)	
(Capital)	
Districts 1, 2, 3, 4, 5	

PROJECT MANAGER: Jason Bowling

PROJECT DESCRIPTION & PURPOSE: Provide some changes to the Council Chambers that will allow for better audio quality during meetings. Additional speaks will be added to provide additional sound lift and an updated crestron panel will be added to increase reliability.

KEY POINTS: Increased Sound Quality, Increased Stability

PROJECT STATUS: Request for Funding 2017-2022 Project Cycle

PROJECTED START DATE: 7/1/2017

PROJECTED END DATE: 12/31/2017

FUTURE M & O: Project expenses will be added to the value of the council chambers audio/visual system and that will impact Equipment replacement allocations.
(Additional Cost & Department Responsibility)

CRITERIA (1-8): Criteria 8: Project replaces a capital asset that could reduce or eliminate the City's ability to operate a core program at some future time if it is not replaced or repaired.

	Fiscal Year					Total	Unfunded
	2017/2018	2018/2019	2019/2020	2020/2021	2021/2022		
Costs Description							
Equipment	\$35,000	\$0	\$0	\$0	\$0	\$35,000	\$0
	\$0	\$0	\$0	\$0	\$0	\$0	\$0
	\$0	\$0	\$0	\$0	\$0	\$0	\$0
	\$0	\$0	\$0	\$0	\$0	\$0	\$0
	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Total Costs:	\$35,000	\$0	\$0	\$0	\$0	\$35,000	\$0
Funding Sources							
623 Equipment Replacement	\$35,000	\$0	\$0	\$0	\$0	\$35,000	\$0
	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Total Funding:	\$35,000	\$0	\$0	\$0	\$0	\$35,000	\$0

Information Technology

PROJECT # IT0035	G/L ACCT # 603-4603-7801
Public Works Mobile Computers	
(Capital)	
(Capital)	
Districts 1, 2, 3, 4, 5	

PROJECT MANAGER: Jason Bowling

PROJECT DESCRIPTION & PURPOSE: Purchase of 6 mobile computer systems for PW managers and supervisors.

KEY POINTS: Mobile computers allow for network access off-site for increased work productivity.

PROJECT STATUS: Request for Funding 2017-2022 Project Cycle

PROJECTED START DATE: 7/1/2017

PROJECTED END DATE: 12/31/2017

FUTURE M & O: This project will increase each Division's M&O commencing July 2018 in the amount of \$2400 annually.
(Additional Cost & Department Responsibility)

CRITERIA (1-8): Criteria 4: Project represents an investment that will return real cash savings over an identifiable investment horizon and that return exceeds the City's cost of capital (cost of capital equals weighted average interest on City debt issues and capital leases).

	Fiscal Year					Total	Unfunded
	2017/2018	2018/2019	2019/2020	2020/2021	2021/2022		
Costs Description							
Equipment	\$12,000	\$0	\$0	\$0	\$0	\$12,000	\$0
	\$0	\$0	\$0	\$0	\$0	\$0	\$0
	\$0	\$0	\$0	\$0	\$0	\$0	\$0
	\$0	\$0	\$0	\$0	\$0	\$0	\$0
	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Total Costs:	\$12,000	\$0	\$0	\$0	\$0	\$12,000	\$0
Funding Sources							
603 Technology CIP Fund	\$12,000	\$0	\$0	\$0	\$0	\$12,000	\$0
	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Total Funding:	\$12,000	\$0	\$0	\$0	\$0	\$12,000	\$0

IT Project

PROJECT # IT0036	G/L ACCT # 623-4623-7809
2018 IT Equipment Replacement	
(Capital)	
(Capital)	
Districts 1, 2, 3, 4, 5	

PROJECT MANAGER: Jason Bowling

PROJECT DESCRIPTION & PURPOSE: The purpose of this project is to replace IT equipment that had been planned for replacement though equipment replacement and does not meet the anticipated operational requirements. Anticipated replacments

KEY POINTS: Planned, funded and needed Replacments

PROJECT STATUS: Request for Funding 2017-2022 Project Cycle

PROJECTED START DATE: 7/1/2017

PROJECTED END DATE: 6/30/2019

FUTURE M & O: Actual replacment costs will be used to determine future equipment replacment allocations. Could be slight variations due to reasonable variances in projected costs.
(Additional Cost & Department Responsibility)

CRITERIA (1-8): Criteria 3: Project replaces a capital asset that will more likely than not reduce or eliminate the City's ability to operate a core program within the next fiscal year if not replaced or repaired.

	Fiscal Year					Total	Unfunded
	2017/2018	2018/2019	2019/2020	2020/2021	2021/2022		
Costs Description							
Desktops	\$25,000	\$80,000	\$0	\$0	\$0	\$105,000	\$0
Network Equipment	\$40,000	\$0	\$0	\$0	\$0	\$40,000	\$0
	\$0	\$0	\$0	\$0	\$0	\$0	\$0
	\$0	\$0	\$0	\$0	\$0	\$0	\$0
	\$0	\$0	\$0	\$0	\$0	\$0	\$0
	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Total Costs:	\$65,000	\$80,000	\$0	\$0	\$0	\$145,000	\$0
Funding Sources							
623 Equipment Replacement	\$65,000	\$80,000	\$0	\$0	\$0	\$145,000	\$0
	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Total Funding:	\$65,000	\$80,000	\$0	\$0	\$0	\$145,000	\$0

IT Project

PROJECT # IT2016-6
DMZ Virtualization
(Capital)
(Capital)
Districts 1, 2, 3, 4, 5

PROJECT MANAGER: Jason Bowling

PROJECT DESCRIPTION & PURPOSE: Virtulize the servers that are in the DMZ. The DMZ is used for the interface to public, primarily used for Web services and interconnections. Currently it is a single physical server.

KEY POINTS: Increased Fault Tolerances, Consistent with all other servers, Allows increased flexibility as business needs arise

PROJECT STATUS: Request for Funding 2017-2022 Project Cycle

PROJECTED START DATE: 7/1/2018

PROJECTED END DATE: 12/31/2018

FUTURE M & O: Increase in Annual Maintenance \$2500 commencing July 1, 2019.
(Additional Cost & Department Responsibility) Department Responsible: IT

CRITERIA (1-8): Criteria 7: Project addresses regulatory, safety, or environmental requirements that could threaten in whole or in part the City's ability to operate a core program or function at some future time if not replaced or repaired.

	Fiscal Year					Total	Unfunded
	2017/2018	2018/2019	2019/2020	2020/2021	2021/2022		
Costs Description							
Equipment	\$0	\$20,000	\$0	\$0	\$0	\$20,000	\$0
	\$0	\$0	\$0	\$0	\$0	\$0	\$0
	\$0	\$0	\$0	\$0	\$0	\$0	\$0
	\$0	\$0	\$0	\$0	\$0	\$0	\$0
	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Total Costs:	\$0	\$20,000	\$0	\$0	\$0	\$20,000	\$0
Funding Sources							
603 Technology Fund	\$0	\$20,000	\$0	\$0	\$0	\$20,000	\$0
	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Total Funding:	\$0	\$20,000	\$0	\$0	\$0	\$20,000	\$0

IT Project Project

PROJECT # IT2016-7
Additional Laptop/Tablet Computers
(Capital)
(Capital)
Districts 1, 2, 3, 4, 5

PROJECT MANAGER: Jason Bowling

PROJECT DESCRIPTION & PURPOSE: Addition of additional Laptops and Tablets to allow for increased mobility of the workforce

KEY POINTS: Additional Laptops/Tablets to allow mobile workforce to take advantage of Infrastructure

PROJECT STATUS: Request for Funding 2017-2022 Project Cycle

PROJECTED START DATE: 7/1/2018

PROJECTED END DATE: 12/31/2019

FUTURE M & O: Additional Items would only be purchased if a department was willing to take on the additional increase in their budget for equipment replacment.
(Additional Cost & Department Responsibility)

CRITERIA (1-8): Criteria 4: Project represents an investment that will return real cash savings over an identifiable investment horizon and that return exceeds the City's cost of capital (cost of capital equals weighted average interest on City debt issues and capital leases).

	Fiscal Year					Total	Unfunded
	2017/2018	2018/2019	2019/2020	2020/2021	2021/2022		
Costs Description							
Equipment	\$0	\$24,000	\$0	\$0	\$0	\$24,000	\$0
	\$0	\$0	\$0	\$0	\$0	\$0	\$0
	\$0	\$0	\$0	\$0	\$0	\$0	\$0
	\$0	\$0	\$0	\$0	\$0	\$0	\$0
	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Total Costs:	\$0	\$24,000	\$0	\$0	\$0	\$24,000	\$0
Funding Sources							
603 Technology Fund	\$0	\$24,000	\$0	\$0	\$0	\$24,000	\$0
	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Total Funding:	\$0	\$24,000	\$0	\$0	\$0	\$24,000	\$0

IT Project

PROJECT # IT2016-8
Licensing Web
(Capital)
(Capital)
Districts 1, 2, 3, 4, 5

PROJECT MANAGER: Jason Bowling

PROJECT DESCRIPTION & PURPOSE: Add Licensing to the web portal for online access and web payments.

KEY POINTS: This will allow for business licenses and pet licenses to be applied for an paid online. This will allow credit cards to be used to process these transactions.

PROJECT STATUS: Request for Funding 2017-2022 Project Cycle

PROJECTED START DATE: 7/1/2018

PROJECTED END DATE: 12/31/2018

FUTURE M & O: \$1,500 annually commencing July 1, 2019. Department Responsible: Finance.
(Additional Cost & Department Responsibility)

CRITERIA (1-8): Criteria 1: Project corrects immediate and urgent public health or public safety issue.

Costs Description	Fiscal Year					Total	Unfunded
	2017/2018	2018/2019	2019/2020	2020/2021	2021/2022		
Equipment	\$0	\$15,000	\$0	\$0	\$0	\$15,000	\$0
	\$0	\$0	\$0	\$0	\$0	\$0	\$0
	\$0	\$0	\$0	\$0	\$0	\$0	\$0
	\$0	\$0	\$0	\$0	\$0	\$0	\$0
	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Total Costs:	\$0	\$15,000	\$0	\$0	\$0	\$15,000	\$0
Funding Sources							
603 Technology Fund	\$0	\$15,000	\$0	\$0	\$0	\$15,000	\$0
	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Total Funding:	\$0	\$15,000	\$0	\$0	\$0	\$15,000	\$0

IT Project

PROJECT # IT2016-9
Aerial Orthoimagery
(Capital)
(Capital)
Districts 1, 2, 3, 4, 5

PROJECT MANAGER: Jason Bowling

PROJECT DESCRIPTION & PURPOSE: Purchase of Aerial Orthoimagery and Six wall murals. Every ten years the us government performs a census, on these years the City of Tulare will purchase and update the aerial Orthoimagery. This will allow for a history to be established that can be tied back to census data.

KEY POINTS: Can be matched up with census Data, Allows for updated Wall maps. Orthoimagery can be used in systems in ways that web-based aerial imagery cannot be used. 10-years since last updated

PROJECT STATUS: Request for Funding 2017-2022 Project Cycle

PROJECTED START DATE: 7/1/2019

PROJECTED END DATE: 6/31/2020

FUTURE M & O: None
(Additional Cost & Department Responsibility)

CRITERIA (1-8): Criteria 4: Project represents an investment that will return real cash savings over an identifiable investment horizon and that return exceeds the City's cost of capital (cost of capital equals weighted average interest on City debt issues and capital leases).

	Fiscal Year					Total	Unfunded
	2017/2018	2018/2019	2019/2020	2020/2021	2021/2022		
Costs Description							
Orthoimagery		\$0	\$20,000	\$0	\$0	\$20,000	\$0
Wall Prints	\$0	\$0	\$12,000	\$0	\$0	\$12,000	\$0
	\$0	\$0	\$0	\$0	\$0	\$0	\$0
	\$0	\$0	\$0	\$0	\$0	\$0	\$0
	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Total Costs:	\$0	\$0	\$32,000	\$0	\$0	\$32,000	\$0
Funding Sources							
601 Other General Fund CIP	\$0	\$0	\$32,000	\$0	\$0	\$32,000	\$0
	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Total Funding:	\$0	\$0	\$32,000	\$0	\$0	\$32,000	\$0

IT Project

PROJECT # IT2016-10
Storage Expansion
(Capital)
(Capital)
Districts 1, 2, 3, 4, 5

PROJECT MANAGER: Jason Bowling

PROJECT DESCRIPTION & PURPOSE: This will add storage to the City Storage Area Networks

KEY POINTS: Additional Capacity. Based on current growth rate and usage trends we will need to add capacity to the primary and Redundant storage area networks

PROJECT STATUS: Request for Funding 2017-2022 Project Cycle

PROJECTED START DATE: 7/1/2017

PROJECTED END DATE: 12/31/2017

FUTURE M & O: \$8000 annually for suport and maintenance commencing July 1, 2020. Department Responsible: IT.
(Additional Cost & Department Responsibility)

CRITERIA (1-8): Criteria 1: Project corrects immediate and urgent public health or public safety issue.

	Fiscal Year					Total	Unfunded
	2017/2018	2018/2019	2019/2020	2020/2021	2021/2022		
Costs Description							
Equipment	\$0	\$0	\$50,000	\$0	\$0	\$50,000	\$0
	\$0	\$0	\$0	\$0	\$0	\$0	\$0
	\$0	\$0	\$0	\$0	\$0	\$0	\$0
	\$0	\$0	\$0	\$0	\$0	\$0	\$0
	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Total Costs:	\$0	\$0	\$50,000	\$0	\$0	\$50,000	\$0
Funding Sources							
603 Technology Fund	\$0	\$0	\$50,000	\$0	\$0	\$0	\$0
	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Total Funding:	\$0	\$0	\$50,000	\$0	\$0	\$0	\$0

IT Project

PROJECT # IT2016-11
City Hall/PD Cameras
(Capital)
(Equipment Replacement)
Districts 1, 2, 3, 4, 5

PROJECT MANAGER: Jason Bowling

PROJECT DESCRIPTION & PURPOSE: Replace aging camera system and panic buttons on the City Hall / Police Department Campus

KEY POINTS:

PROJECT STATUS: Request for Funding 2017-2022 Project Cycle

PROJECTED START DATE: 7/1/2020

PROJECTED END DATE: 12/31/2021

FUTURE M & O: \$1,000 annually commencing July 1, 2021. Department Responsible: Admin & PD.
(Additional Cost & Department Responsibility)

CRITERIA (1-8): Criteria 2: Project addresses regulatory, safety, or environmental requirements that more likely than not threatens in whole or in part the City's ability to operate a core program or function within the next fiscal year if not replace or repaired.

	Fiscal Year					Total	Unfunded
	2017/2018	2018/2019	2019/2020	2020/2021	2021/2022		
Costs Description							
Cameras/Software	\$0	\$0	\$0	\$35,000	\$0	\$35,000	\$0
Cableing	\$0	\$0	\$0	\$25,000	\$0	\$25,000	\$0
Hardware	\$0	\$0	\$0	\$12,000	\$0	\$12,000	\$0
	\$0	\$0	\$0	\$0	\$0	\$0	\$0
	\$0	\$0	\$0	\$0	\$0	\$0	\$0
	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Total Costs:	\$0	\$0	\$0	\$72,000	\$0	\$72,000	\$0
Funding Sources							
603 Technology Fund	\$0	\$0	\$0	\$25,000	\$0	\$25,000	\$0
623 Equipment Replacement	\$0	\$0	\$0	\$47,000	\$0	\$47,000	\$0
Total Funding:	\$0	\$0	\$0	\$72,000	\$0	\$72,000	\$0

IT Project

PROJECT # IT2016-12
Disaster Recovery
(Capital)
(Capital)
Districts 1, 2, 3, 4, 5

PROJECT MANAGER: Jason Bowling

PROJECT DESCRIPTION & PURPOSE: Provide for "true" disaster recovery that will allow for equipment to be hosted in the cloud and not require a full DR site to be built

KEY POINTS: This technology is currently maturing and costs are continually going down. Typically there are implementation costs and ongoing recurring costs. Number of security requirements that have to be met.

PROJECT STATUS: Request for Funding 2017-2022 Project Cycle

PROJECTED START DATE: 7/1/2021

PROJECTED END DATE: 12/31/2022

FUTURE M & O:
(Additional Cost & Department Responsibility) Unknown, pricing is variable and constantly changing. Anticipated costs of \$2500 a month commencing July 1, 2022. Department Reponsible: IT.

CRITERIA (1-8): Criteria 7: Project addresses regulatory, safety, or environmental requirements that could threaten in whole or in part the City's ability to operate a core program or function at some future time if not replaced or repaired.

	Fiscal Year					Total	Unfunded
	2017/2018	2018/2019	2019/2020	2020/2021	2021/2022		
Costs Description							
Equipment	\$0	\$0	\$0	\$0	\$45,000	\$45,000	\$0
	\$0	\$0	\$0	\$0	\$0	\$0	\$0
	\$0	\$0	\$0	\$0	\$0	\$0	\$0
	\$0	\$0	\$0	\$0	\$0	\$0	\$0
	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Total Costs:	\$0	\$0	\$0	\$0	\$45,000	\$45,000	\$0
Funding Sources							
603 Technology Fund	\$0	\$0	\$0	\$0	\$45,000	\$45,000	\$0
	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Total Funding:	\$0	\$0	\$0	\$0	\$45,000	\$45,000	\$0

City of Tulare
2017-2022 Projects Budget
PARKS, LIBRARY & RECREATION PROJECTS

Five Year List:

PK0014	Landscape Area Retrofit
PK0021 (PK2016-1)	DX3 Irrigation Management System Replaement
PK2016-2 (Future Project)	Cypress Park Rehab
PK2016-3 (Future Project)	Parks & Recreation 10 Year Master Plan
PK2016-4 (Future Project)	Live Oak or Bender Park Rehab

PROJECT EXPENSES	FISCAL YEARS					Grand Total
	2017-2018	2018-2019	2019-2020	2020-2021	2021-2022	
Parks	\$40,000	\$416,450	\$158,550	\$260,000	\$270,000	\$1,145,000
Landscape Area Retrofit	\$20,000					\$20,000
DX3 Irrigation Management System Replacement	\$20,000	\$20,000	\$20,000	\$20,000	\$20,000	\$100,000
Parks & Recreation 10 Year Master Plan		\$75,000				\$75,000
Cypress Park Rehab		\$321,450	\$138,550			\$460,000
Live Oak or Bender Park Rehab				\$240,000	\$250,000	\$490,000
Grand Total	\$40,000	\$416,450	\$158,550	\$260,000	\$270,000	\$1,145,000

FUNDING SOURCES	FISCAL YEARS					Grand Total
	2017-2018	2018-2019	2019-2020	2020-2021	2021-2022	
601 Other General Fund CIP	\$20,000	\$321,450	\$138,550	\$240,000	\$250,000	\$970,000
623 Equipment Replacement Fund	\$20,000	\$20,000	\$20,000	\$20,000	\$20,000	\$100,000
690 Parks DIF Fund		\$75,000				\$75,000
Grand Total	\$40,000	\$416,450	\$158,550	\$260,000	\$270,000	\$1,145,000

PARKS PROJECT

	PROJECT #PK0014	G/L ACCT # 601-4601-6808
Landscape Area Retrofit (various locations)		

PROJECT MANAGER: Rob Hunt

PROJECT DESCRIPTION: Landscape Retrofit Various Areas; replace turf with low maintenance ground cover; modify irrigation to low flow type water conservation; modifying high maintenance areas; resulting in lower frequency of maintenance.

PROJECT PURPOSE: Reduce costs of high maintenance landscape areas.

PROJECT STATUS:

KEY POINTS: Projected annual net savings \$5,000/year. Net present value \$100,000.00 for each year's projects.

PROJECTED START DATE:

PROJECTED END DATE:

FUTURE M & O: Future M & O is reduced by \$5,000 per year

CRITERIA: Criteria 4: Project represents an investment that will return real cash savings over an identifiable investment horizon and that return exceeds the City's cost of capital (cost of capital equals weighted average interest on City debt issues and capital leases).

	Previous Balance	Fiscal Year					Total	Unfunded
		2015/16	2016/17	2017/18	2018/19	2019/20		
Estimated Costs								
Locking system	\$31,184.00	\$0	\$10,000	\$20,000	\$0	\$0	\$61,184	\$0
Transfer to pk0018	\$15,182.00	\$0	\$0	\$0	\$0	\$0	\$15,182	
Total Costs:		\$0	\$10,000	\$20,000	\$0	\$0	\$76,366	\$0
Funding Sources								
601 General Fund CIP	\$46,366.00	\$0	\$10,000	\$20,000	\$0	\$0	\$76,366	\$0
Total Funding:		\$0	\$10,000	\$20,000	\$0	\$0	\$76,366	\$0

PARKS PROJECT

PROJECT # PK0021	G/L ACCT # 623-4623-7808
DX3 IRRIGATION MANAGEMENT SYSTEM REPLACEMENT	
(Capital)	
(Equipment Replacement)	
District: 1,2,3,4,5	

PROJECT MANAGER: J. Dean Johns

PROJECT DESCRIPTION & PURPOSE:

Annually replaces 4 of 35 existing aging DX2 water management irrigation controllers with current generation DX3 controllers at approximately \$5,000.00 each. Also replaces existing aging weather station with current generation station at approximately \$10,000.

KEY POINTS:

Currently aging DX2 blue panels are failing replacement with DX3 blue panels is vital to water management and conservation efforts in landscapes. Failure during summer months can result in landscaping dying.

PROJECT STATUS:

Request for Funding 2017-2022 Project Cycle.

PROJECTED START DATE:

7/1/2017

PROJECTED END DATE:

7/1/2025

FUTURE M & O:

(Additional Cost & Department Responsibility)

\$0

CRITERIA (1-8):

Criteria 3: Project replaces a capital asset that will more likely than not reduce or eliminate the City's ability to operate a core program within the next fiscal year if not replaced or repaired.

	Fiscal Year					Total	Unfunded
	2017/2018	2018/2019	2019/2020	2020/2021	2021/2022		
Costs Description							
Equipment	\$20,000	\$20,000	\$20,000	\$20,000	\$20,000	\$100,000	\$0
	\$0	\$0	\$0	\$0	\$0	\$0	\$0
	\$0	\$0	\$0	\$0	\$0	\$0	\$0
	\$0	\$0	\$0	\$0	\$0	\$0	\$0
	\$0	\$0	\$0	\$0	\$0	\$0	\$0
	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Total Costs:	\$20,000	\$20,000	\$20,000	\$20,000	\$20,000	\$100,000	\$0
Funding Sources							
623 Equipment Replacement	\$20,000	\$20,000	\$20,000	\$20,000	\$20,000	\$100,000	\$0
	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Total Funding:	\$20,000	\$20,000	\$20,000	\$20,000	\$20,000	\$100,000	\$0

PARKS PROJECT

PROJECT # PK2016-2
Cypress Park Rehab
(Capital)
(Equipment Replacement)
District 3

PROJECT MANAGER: J. Dean Johns

PROJECT DESCRIPTION & PURPOSE: Replacement of the current aging playground and ADA compliant fall surfacing with a new playground designed to accommodate both 2 to 5 year olds and 5 to 12 year olds; replace aging and non ADA compliant restroom and arbors.

KEY POINTS: The current playground is falling into disrepair and has meet or exceeded it's 10 year life expectancy. The existing child protective fall surfacing does not meet the ASTM standards for fall attenuation nor does it comply with current ADA requirements for accessibility.

PROJECT STATUS: Conceptual

PROJECTED START DATE: 7/1/2018

PROJECTED END DATE: 6/30/2020

FUTURE M & O: \$2,500 annually for repairs and maintenance due to vandalism.
(Additional Cost & Department Responsibility)

CRITERIA (1-8): Criteria 2: Project addresses regulatory, safety, or environmental requirements that more likely than not threatens in whole or in part the City's ability to operate a core program or function within the next fiscal year if not replace or repaired.

	Fiscal Year					Total	Unfunded
	2017/2018	2018/2019	2019/2020	2020/2021	2021/2022		
Costs Description							
Equipment	\$0	\$60,000	\$50,000	\$0	\$0	\$110,000	\$0
ADA and ASTM Compliant Fall Surfacing	\$0	\$35,000	\$0	\$0	\$0	\$35,000	\$0
Contractor	\$0	\$40,000	\$0	\$0	\$0	\$40,000	\$0
Arbors/Restroom	\$0	\$146,450	\$88,550	\$0	\$0	\$235,000	\$0
Design	\$0	\$40,000	\$0	\$0	\$0	\$40,000	\$0
	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Total Costs:	\$0	\$321,450	\$138,550	\$0	\$0	\$460,000	\$0
Funding Sources							
CIP General Fund CIP		\$321,450	\$138,550	\$0	\$0	\$460,000	\$0
	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Total Funding:	\$0	\$321,450	\$138,550	\$0	\$0	\$460,000	\$0

PARKS PROJECT

PROJECT # 2016-3
PARKS & RECREATION 10 YEAR MASTER PLAN
(Capital)
(Conceptual)
DISTRICTS 1, 2, 3, 4, and 5

PROJECT MANAGER: Rob Hunt

PROJECT DESCRIPTION & PURPOSE: Retain an independent firm to engage with Parks and Recreation staffing, the Parks and Recreation Commission, and the community at large through surveys and public meetings to come up with a 10 year Master Plan that addresses all existing park improvement projects, recreational programs, and future needs assessment.

KEY POINTS: Designed, cost effective, well thoughtout growth and improvement in current facilities and recreational programs is essential to maintaining a sustainable park system and recreational programs within the community.

PROJECT STATUS: Request for Funding 2017-2022 Project Cycle.

PROJECTED START DATE: 7/1/2018

PROJECTED END DATE: 6/30/2019

FUTURE M & O: \$0
(Additional Cost & Department Responsibility)

CRITERIA (1-8): Criteria 5: Project extends an existing City Program or function to meet the Council's vision and explicit direction.

	Fiscal Year					Total	Unfunded
	2017/2018	2018/2019	2019/2020	2020/2021	2021/2022		
Costs Description							
Contract	\$0	\$75,000	\$0	\$0	\$0	\$75,000	\$0
	\$0	\$0	\$0	\$0	\$0	\$0	\$0
	\$0	\$0	\$0	\$0	\$0	\$0	\$0
	\$0	\$0	\$0	\$0	\$0	\$0	\$0
	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Total Costs:	\$0	\$75,000	\$0	\$0	\$0	\$75,000	\$0
Funding Sources							
690 Parks DIF Fund	\$0	\$75,000	\$0	\$0	\$0	\$75,000	\$0
	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Total Funding:	\$0	\$75,000	\$0	\$0	\$0	\$75,000	\$0

PARKS PROJECT

PROJECT # PK2016-4
LIVE OAK OR BENDER PARK REHAB
(Capital)
(Equipment Replacement)
District 1 or 5

PROJECT MANAGER: J. Dean Johns

PROJECT DESCRIPTION & PURPOSE: Replacement of the current aging playground and ADA compliant fall surfacing with a new playground designed to accommodate both 2 to 5 year olds and 5 to 12 year olds; replace aging and non ADA compliant restroom and arbors.

KEY POINTS: The current playgrounds are falling into disrepair and has meet or exceeded it's 10 year life expectancy. The existing child protective fall surfacing does not meet the ASTM standards for fall attenuation nor does it comply with current ADA requirements for accessibility.

PROJECT STATUS: Conceptual

PROJECTED START DATE: 7/1/2020

PROJECTED END DATE: 6/30/2022

FUTURE M & O: \$2,500 annually for repairs and maintenance due to vandalism.
(Additional Cost & Department Responsibility)

CRITERIA (1-8): Criteria 2: Project addresses regulatory, safety, or environmental requirements that more likely than not threatens in whole or in part the City's ability to operate a core program or function within the next fiscal year if not replace or repaired.

	Fiscal Year					Total	Unfunded
	2017/2018	2018/2019	2019/2020	2020/2021	2021/2022		
Costs Description							
Equipment	\$0	\$0	\$0	\$40,000	\$60,000	\$100,000	\$0
ADA and ASTM Compliant Fall Surfacing	\$0	\$0	\$0	\$0	\$50,000	\$50,000	\$0
Contractor	\$0	\$0	\$0	\$0	\$140,000	\$140,000	\$0
Arbors/Restroom	\$0	\$0	\$0	\$150,000	\$0	\$150,000	\$0
Design	\$0	\$0	\$0	\$50,000	\$0	\$50,000	\$0
	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Total Costs:	\$0	\$0	\$0	\$240,000	\$250,000	\$490,000	\$0
Funding Sources							
CIP General Fund CIP		\$0	\$0	\$240,000	\$250,000	\$490,000	\$0
	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Total Funding:	\$0	\$0	\$0	\$240,000	\$250,000	\$490,000	\$0

City of Tulare
2017-2022 Projects Budget
PUBLIC SAFETY PROJECTS

Five Year List:

FD0001	Radio Replacement Project (Annual)
FD0009	PPE Replacement Project
FD0010	Fire Equipment Replacement Project (Annual)
FD0011 (FD2016-1)	Fire Mobile Computers
FD0012 (FD2016-2)	Station 61 Roof Replacement
PD0010	CLETS Access in Vehicles
PD0014	Laptop/Tablet Computer Replacement (Annual)
PD0016	Police Department Radio Replacement (Annual)
PD2016-1	BearCat
PD2016-2	Sniper Optics
PD0018 (PD2016-4)	Dispatch Console Radio Replacement
PD0019 (PD2016-5)	Rifle Plate Carrier
PD0020 (PD2016-6)	Taser Replacement
PD0021 (PD2016-7)	East and West Side Module Demolition

PROJECT EXPENSES	FISCAL YEARS					Grand Total
	2017-2018	2018-2019	2019-2020	2020-2021	2021-2022	
Fire Department	\$220,831	\$136,531	\$129,631	\$118,731	\$118,731	\$724,455
Fire Mobile Computers	\$15,000					\$15,000
PPE Replacement Project	\$29,600	\$17,800	\$10,900			\$58,300
Radio Replacement	\$16,731	\$16,731	\$16,731	\$16,731	\$16,731	\$83,655
Station 61 Roof Replacement	\$57,500					\$57,500
Fire Equipment Replacement	\$102,000	\$102,000	\$102,000	\$102,000	\$102,000	\$510,000
Police Department	\$327,200	\$183,750	\$170,750	\$161,750	\$151,750	\$995,200
BearCat		\$100,000	\$70,000	\$70,000	\$60,000	\$300,000
CLETS Access in Vehicles	\$45,000					\$45,000
Dispatch Console Radio Replacement	\$156,450					\$156,450
Laptop/Tablet Computer Replacement	\$33,250	\$33,250	\$33,250	\$33,250	\$33,250	\$166,250
Police Department Radio Replacement	\$34,500	\$34,500	\$34,500	\$34,500	\$34,500	\$172,500
Sniper Optics			\$13,000			\$13,000
Rifle Plate Carrier	\$32,000					\$32,000
Taser Replacement	\$16,000	\$16,000	\$20,000	\$24,000	\$24,000	\$100,000
East and West Side Module Demolition	\$10,000					\$10,000
Grand Total	\$548,031	\$320,281	\$300,381	\$280,481	\$270,481	\$1,719,655

FUNDING SOURCES	FISCAL YEARS					Grand Total
	2017-2018	2018-2019	2019-2020	2020-2021	2021-2022	
601 Other General Fund CIP	\$129,100	\$117,800	\$93,900	\$70,000	\$60,000	\$470,800
603 Technology Fund	\$60,000					\$60,000
623 Equipment Replacement Fund	\$358,931	\$202,481	\$206,481	\$210,481	\$210,481	\$1,188,855
Grand Total	\$548,031	\$320,281	\$300,381	\$280,481	\$270,481	\$1,719,655

PUBLIC SAFETY PROJECT

PROJECT #FD0001 - Change
Radio Replacement Project

PROJECT MANAGER: Cameron Long/Fire Suppression

PROJECT DESCRIPTION: The department started purchasing radios in 2004 and they are due for replacement.

PROJECT PURPOSE: FCC and State regulations require radio communications and interoperability with outside agencies and a replacement plan is needed to meet these requirements.

PROJECT STATUS: Change request being submitted to switch funding to equipment replacement fund.

KEY POINTS: We have had a replacement program in place to meet FCC regulations.

PROJECTED START DATE:

PROJECTED END DATE:

FUTURE M & O: Unknown.

CRITERIA: Criteria 7: Project addresses regulatory, safety, or environmental requirements that could threaten in whole or in part the City's ability to operate a core program or function at some future time if not replaced or repaired.

	Fiscal Year					Total
	2017/18	2018/19	2019/20	2020/21	2021/22	
Estimated Costs						
Radios	\$16,731	\$16,731	\$16,731	\$16,731	\$16,731	\$83,655
Total Costs:	\$16,731	\$16,731	\$16,731	\$16,731	\$16,731	\$83,655
Funding Sources						
623 Equipment Replacement	\$16,731	\$16,731	\$16,731	\$16,731	\$16,731	\$83,655
						\$0
Total Funding:	\$16,731	\$16,731	\$16,731	\$16,731	\$16,731	\$83,655

PUBLIC SAFETY PROJECT

PROJECT #fd0009 (fdR2015-4)
PPE Replacement Project

PROJECT MANAGER: Rodnie Roberts / Fire Suppression

PROJECT DESCRIPTION & PURPOSE: The department needs to replace personal protective gear that is timing out. National Fire Protection Association (NFPA) 1851 requires that structure gear be retired after ten years of service.

KEY POINTS: We have a replacemet program in place to meet NFPA regulations. While NFPA is not law, it is considered industry standard for safety compliance so we follow it for items such as Personal Protective Equipment.

PROJECT STATUS: Request for funding. Purchase contract to follow once approved.

PROJECTED START DATE: July 2015

PROJECTED END DATE: June 2020

FUTURE M & O:

CRITERIA (1-8): Criteria 2: Project addresses regulatory, safety, or environmental requirements that more likely than not threatens in whole or in part the City's ability to operate a core program or function within the next fiscal year if not replace or repaired.

	Fiscal Year					Total	Unfunded
	2015/16	2016/17	2017/18	2018/19	2019/20		
Estimated Costs							
Equipment	\$23,080	\$24,300	\$29,100	\$17,300	\$10,400	\$104,180	\$0
Staff Time	\$500	\$500	\$500	\$500	\$500	\$2,500	
Total Costs:	\$23,580	\$24,800	\$29,600	\$17,800	\$10,900	\$106,680	\$0
Funding Sources							
601 Other General Fund CIP	\$23,580	\$24,800	\$29,600	\$17,800	\$10,900	\$106,680	\$0
Total Funding:	\$23,580	\$24,800	\$29,600	\$17,800	\$10,900	\$106,680	\$0

PUBLIC SAFETY PROJECT

PROJECT #FD0010
Fire Equipment Replacement Fund
(Capital)
(Equipment Replacement)
1,2,3,4,5

PROJECT MANAGER: Cameron Long

PROJECT DESCRIPTION & PURPOSE: To place money in a fund to manage the replacement of obsolete and/or worn out fire equipment such as hose, nozzles, extrication tools, ladders, extinguishers, etc.

KEY POINTS: The department cannot accurately predict what equipment will need replacement far enough in advance to submit individual projects each time replacement is necessary. This fund will allow for one project to accomplish the replacement of various pieces of fire equipment.

PROJECT STATUS: Funded in FY 16/17 budget; not appropriated by CC.

PROJECTED START DATE: 2/1/2017

PROJECTED END DATE: 6/30/2032

FUTURE M & O: \$102,000 annually in future fiscal years.
(Additional Cost & Department Responsibility)

CRITERIA (1-8): Criteria 1: Project corrects immediate and urgent public health or public safety issue.

Costs Description	Fiscal Year					Total	Unfunded
	2017/2018	2018/2019	2019/2020	2020/2021	2021/2022		
Equipment	\$102,000	\$102,000	\$102,000	\$102,000	\$102,000	\$510,000	\$0
	\$0	\$0	\$0	\$0	\$0	\$0	\$0
	\$0	\$0	\$0	\$0	\$0	\$0	\$0
	\$0	\$0	\$0	\$0	\$0	\$0	\$0
	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Total Costs:	\$102,000	\$102,000	\$102,000	\$102,000	\$102,000	\$510,000	\$0
Funding Sources							
623 Equipment Replacement Fund	\$102,000	\$102,000	\$102,000	\$102,000	\$102,000	\$510,000	\$0
	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Total Funding:	\$102,000	\$102,000	\$102,000	\$102,000	\$102,000	\$510,000	\$0

Public Safety Project

PROJECT # FD0011	G/LACCT # 603-4603-7802
Fire Mobile Computers	
(Capital)	
(Capital)	
Districts 1, 2, 3, 4, 5	

PROJECT MANAGER: Cameron Long

PROJECT DESCRIPTION & PURPOSE: Purchase of 6 mobile computer systems for Command Staff and Fire Prevention personnel. Purchase 1 desktop computer system for new office space.

KEY POINTS: Mobile computers allow for network access off-site for increased work productivity. Chief Officers will use tablets in command vehicles to provide realtime information in the field to improve emergency operations and

PROJECT STATUS: Request for Funding 2017-2022 Project Cycle

PROJECTED START DATE: 7/1/2017

PROJECTED END DATE: 12/31/2017

FUTURE M & O:
(Additional Cost & Department Responsibility) The FD currently shares data across multiple modems. Depending on data usage from these additions, there might not be any increased cost. If additional data capability is required it will be absorbed through normal M&O. Future costs will be covered through IT replacement schedule over projected lifespan of computers, which will add \$1800 to the fire department's Technology Replacement contribution commencing in FY 2018/19.

CRITERIA (1-8): Criteria 1: Project corrects immediate and urgent public health or public safety issue.

	Fiscal Year					Total	Unfunded
	2017/2018	2018/2019	2019/2020	2020/2021	2021/2022		
Costs Description							
Equipment	\$15,000	\$0	\$0	\$0	\$0	\$15,000	\$0
	\$0	\$0	\$0	\$0	\$0	\$0	\$0
	\$0	\$0	\$0	\$0	\$0	\$0	\$0
	\$0	\$0	\$0	\$0	\$0	\$0	\$0
	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Total Costs:	\$15,000	\$0	\$0	\$0	\$0	\$15,000	\$0
Funding Sources							
603 Technology Fund	\$15,000	\$0	\$0	\$0	\$0	\$15,000	\$0
	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Total Funding:	\$15,000	\$0	\$0	\$0	\$0	\$15,000	\$0

Public Safety Project

PROJECT # FD0012	G/L ACCT # 601-4601-6806
Station 61 Roof Replacement	
(Capital)	
(Capital)	
Districts 1,2,3,4,5	

PROJECT MANAGER: David LaPere

PROJECT DESCRIPTION & PURPOSE: Install a new roof over the administration, engine apparatus bays and crew quarters at station 61

KEY POINTS: This project will address the 16 confirmed leaks in the roof at this time and arrest the possibility of mold setting up in the attic space.

PROJECT STATUS: Request for funding 2017-2022 Project Cycle

PROJECTED START DATE: 7/1/2017

PROJECTED END DATE: 12/31/2017

FUTURE M & O: No new M&O
(Additional Cost & Department Responsibility)

CRITERIA (1-8): Criteria 1: Project corrects immediate and urgent public health or public safety issue.

	Fiscal Year					Total	Unfunded
	2017/2018	2018/2019	2019/2020	2020/2021	2021/2022		
Costs Description							
Construction	\$50,000	\$0	\$0	\$0	\$0	\$50,000	\$0
Contingency	\$7,500	\$0	\$0	\$0	\$0	\$7,500	\$0
	\$0	\$0	\$0	\$0	\$0	\$0	\$0
	\$0	\$0	\$0	\$0	\$0	\$0	\$0
	\$0	\$0	\$0	\$0	\$0	\$0	\$0
	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Total Costs:	\$57,500	\$0	\$0	\$0	\$0	\$57,500	\$0
Funding Sources							
601 Other General CIP	\$57,500	\$0	\$0	\$0	\$0	\$57,500	\$0
	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Total Funding:	\$57,500	\$0	\$0	\$0	\$0	\$57,500	\$0

PUBLIC SAFETY PROJECT

PROJECT #pd0010 (pdR2014-2)	G/L ACCT # 603-4603-7803
CLETS Access in Vehicles	

PROJECT MANAGER: Andy Garcia

PROJECT DESCRIPTION & PURPOSE: Install CLETS (California Law Enforcement Telecommunications System)/Tracnet (RMS) compatible software to field laptop computers to allow for officers to access CLETS in the field. Build out "Silent Dispatch" to patrol for low priority calls to reduce radio traffic.

KEY POINTS: CLETS screens will be integrated into dispatch, simplifying processes for dispatchers. Officers will be able to utilize the CLETS connection to obtain vehicle registration and drivers license information in the field further reducing workload on dispatch

PROJECT STATUS: Preliminary Design

PROJECTED START DATE: 7/1/2015

PROJECTED END DATE: 6/30/2018

FUTURE M & O: \$5000 year (Starting in 2017/2018)

CRITERIA (1-8): Criteria 6: Project creates a new City program or function to meet the Council's vision and explicit direction.

Costs Description	Fiscal Year					Total	Unfunded
	2015/16	2016/17	2017/18	2018/19	2019/20		
Authentication	\$0	\$10,000	\$0	\$0	\$0	\$10,000	\$0
TracNET	\$48,000	\$10,000	\$40,000	\$0	\$0	\$98,000	\$0
Staff Time	\$7,109	\$5,000	\$5,000	\$0	\$0	\$17,109	\$0
Maintenance (one time)	\$0	\$5,000	\$0	\$0	\$0	\$5,000	\$0
	\$0	\$0	\$0	\$0	\$0	\$0	\$0
	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Total Costs:	\$55,109	\$30,000	\$45,000	\$0	\$0	\$130,109	\$0
Funding Sources							
603 Technology CIP Fund	\$15,000	\$30,000	\$45,000	\$0	\$0	\$90,000	\$0
034 Ed Byrns - 2015	\$28,309	\$0	\$0	\$0	\$0	\$28,309	\$0
Cost Savings from pd0015 (603 Fund)	\$11,800					\$11,800	
Total Funding:	\$55,109	\$30,000	\$45,000	\$0	\$0	\$130,109	\$0

PUBLIC SAFETY PROJECT

PROJECT # PD0014	G/L ACCT # 623-4623-7606
Laptop/Tablet Computer Replacement	

PROJECT MANAGER: Andy Garcia

PROJECT DESCRIPTION & PURPOSE: Replacement of aging end of life Laptop computers/Tablets. 80 total replacement computers, 20 computers per year for four years.

KEY POINTS: There are approximately 80 Laptop computers that are reaching the end of life. Additionally, most of these operate under Windows XP and are not compatible with current Windows 7 computers.

PROJECT STATUS: Request for funding.

PROJECTED START DATE: 7/1/2017

PROJECTED END DATE: 6/30/2022

FUTURE M & O: None

CRITERIA (1-8): Criteria 3: Project replaces a capital asset that will more likely than not reduce or eliminate the City's ability to operate a core program within the next fiscal year if not replaced or repaired.

	Fiscal Year					Total	Unfunded
	2017/18	2018/19	2019/20	2020/21	2021/2022		
Costs Description							
Hardware	\$30,000	\$30,000	\$30,000	\$30,000	\$30,000	\$150,000	\$0
Staff Time	\$3,250	\$3,250	\$3,250	\$3,250	\$3,250	\$16,250	\$0
	\$0	\$0	\$0	\$0	\$0	\$0	\$0
	\$0	\$0	\$0	\$0	\$0	\$0	\$0
	\$0	\$0	\$0	\$0	\$0	\$0	\$0
	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Total Costs:	\$33,250	\$33,250	\$33,250	\$33,250	\$33,250	\$166,250	\$0
Funding Sources							
623 Equipment Replacement Fund	\$33,250	\$33,250	\$33,250	\$33,250	\$33,250	\$166,250	\$0
	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Total Funding:	\$33,250	\$33,250	\$33,250	\$33,250	\$33,250	\$166,250	\$0

PUBLIC SAFETY PROJECT

PROJECT # PD0016	G/L ACCT # 623-4623-7608
Police Department Radio Replacement	

PROJECT MANAGER: Darron Altermatt

PROJECT DESCRIPTION & PURPOSE: Replace existing aging radios, 100 hand held Motorola HT 1250, 35 Mobile Motorola MCS 2000, 35, Mobile Motorola M1225 (20 hand held and 14 mobile radios per year)

KEY POINTS: Motorola MCS 2000 and M1225 mobile radios have been out of production since 2006 and are no longer supported by Motorola. Motorola HT 1250 Hand held radios are no longer in production and Motorola reported that the ability to service the radios will be dictated by availability of parts.

PROJECT STATUS: 2/13/15: This form updates a previously submitted form for a later fy.

PROJECTED START DATE: 2017-2018

PROJECTED END DATE: 2021-2022

FUTURE M & O: None

CRITERIA (1-8): Criteria 2: Project addresses regulatory, safety, or environmental requirements that more likely than not threatens in whole or in part the City's ability to operate a core program or function within the next fiscal year if not replace or repaired.

Criteria 7: Project addresses regulatory, safety, or environmental requirements that could threaten in whole or in part the City's ability to operate a core program or function at some future time if not replaced or repaired.

	Fiscal Year					Total	Unfunded
	2017/18	2018/19	2019/20	2020/21	2021/22		
Costs Description							
Equipment	\$34,500	\$34,500	\$34,500	\$34,500	\$34,500	\$172,500	\$0
	\$0	\$0	\$0	\$0	\$0	\$0	\$0
	\$0	\$0	\$0	\$0	\$0	\$0	\$0
	\$0	\$0	\$0	\$0	\$0	\$0	\$0
	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Total Costs:	\$34,500	\$34,500	\$34,500	\$34,500	\$34,500	\$172,500	\$0
Funding Sources							
623 Equipment Replacement Fund	\$34,500	\$34,500	\$34,500	\$34,500	\$34,500	\$172,500	\$0
						\$0	\$0
Total Funding:	\$34,500	\$34,500	\$34,500	\$34,500	\$34,500	\$172,500	\$0

Public Safety Project

PROJECT #PD2016-1
BearCat
(Capital)
(Capital)
Districts: 1,2,3,4,5

PROJECT MANAGER: Lt. Jerod Boatman

PROJECT DESCRIPTION & PURPOSE: Armored vehicle used for hostage and officer rescues. Additionally used in Incidents involving explosives, critical incidents, and acts of terrorism.

KEY POINTS: Provides safety for officers during critical incidents and SWAT operations.

PROJECT STATUS: Request funding for 2017-2022 project cycle.

PROJECTED START DATE: 7/1/2017

PROJECTED END DATE: 6/30/2018

FUTURE M & O:
(Additional Cost & Department Responsibility) Future M&O (maintenance) in the amount of \$1000-\$2000 annually, commencing 7/1/2017. Paid by the Tulare Police Dept.

CRITERIA (1-8): 2 Criteria 2: Project addresses regulatory, safety, or environmental requirements that more likely than not threatens in whole or in part the City's ability to operate a core program or function within the next fiscal year if not replaced or repaired.

	Fiscal Year					Total	Unfunded
	2017/2018	2018/2019	2019/2020	2020/2021	2021/2022		
Costs Description							
Equipment (tax and delivery included)	\$0	\$100,000	\$70,000	\$70,000	\$60,000	\$300,000	\$0
	\$0	\$0	\$0	\$0	\$0	\$0	\$0
	\$0	\$0	\$0	\$0	\$0	\$0	\$0
	\$0	\$0	\$0	\$0	\$0	\$0	\$0
	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Total Costs:	\$0	\$100,000	\$70,000	\$70,000	\$60,000	\$300,000	\$0
Funding Sources							
601 Other General Fund CIP	\$0	\$100,000	\$70,000	\$70,000	\$60,000	\$300,000	\$0
	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Total Funding:	\$0	\$100,000	\$70,000	\$70,000	\$60,000	\$300,000	\$0

Public Safety Project

PROJECT # PD2016-2
Sniper Optics
(Capital)
(Capital)
District(s): 1, 2, 3, 4, 5

PROJECT MANAGER: David Hastings

PROJECT DESCRIPTION & PURPOSE: Replace existing sniper rifle optics/scopes with scopes that are now industry standard.

KEY POINTS: Current optics are 12-16 years old and are no longer considered industry standard due to the changing technology.

PROJECT STATUS: Requesting funding for 2017/2018

PROJECTED START DATE: 7/9/2017

PROJECTED END DATE: 10/1/2017

FUTURE M & O: None
(Additional Cost & Department Responsibility)

CRITERIA (1-8): Criteria 7: Project addresses regulatory, safety, or environmental requirements that could threaten in whole or in part the City's ability to operate a core program or function at some future time if not replaced or repaired.

	Fiscal Year					Total	Unfunded
	2017/2018	2018/2019	2019/2020	2020/2021	2021/2022		
Costs Description							
(5) Night force ATACR Rifle Optics	\$0	\$0	\$12,000	\$0	\$0	\$12,000	\$0
Scope Rings	\$0	\$0	\$1,000	\$0	\$0	\$1,000	\$0
	\$0	\$0	\$0	\$0	\$0	\$0	\$0
	\$0	\$0	\$0	\$0	\$0	\$0	\$0
	\$0	\$0	\$0	\$0	\$0	\$0	\$0
	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Total Costs:	\$0	\$0	\$13,000	\$0	\$0	\$13,000	\$0
Funding Sources							
601 Other General Fund CIP	\$0	\$0	\$13,000	\$0	\$0	\$13,000	\$0
						\$0	\$0
Total Funding:	\$0	\$0	\$13,000	\$0	\$0	\$13,000	\$0

PUBLIC SAFETY PROJECT

PROJECT # PD0018	G/L ACCT # 623-4623-7805
Dispatch Console Radio Replacement	

PROJECT MANAGER: Darron Altermatt

PROJECT DESCRIPTION & PURPOSE: Replace existing end of life dispatch console radios with Motorola MCC 5500 Dispatch Console Radios. Four total radios (three for PD Dispatch Center and one for Public Safety EOC at Fire Station 1.

KEY POINTS: The manufacturing of the current dispatch console radios were discontinued in 2006. The vendor, Motorola, advised in December 2013 that the current console radios will not be supported after 2017/18 and are subject to parts availability in the final years of support.

PROJECT STATUS: Request for funding.

PROJECTED START DATE: 7/1/2017

PROJECTED END DATE: 6/30/2018

FUTURE M & O:

CRITERIA (1-8): Criteria 2: Project addresses regulatory, safety, or environmental requirements that more likely than not threatens in whole or in part the City's ability to operate a core program or function within the next fiscal year if not replace or repaired.

	Fiscal Year					Total	Unfunded
	2015/16	2016/17	2017/18	2018/19	2019/20		
Costs Description							
Equipment	\$0	\$0	\$155,250	\$0	\$0	\$155,250	\$0
Staff Time	\$0	\$0	\$1,200	\$0	\$0	\$1,200	\$0
	\$0	\$0	\$0	\$0	\$0	\$0	\$0
	\$0	\$0	\$0	\$0	\$0	\$0	\$0
	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Total Costs:	\$0	\$0	\$156,450	\$0	\$0	\$156,450	\$0
Funding Sources							
623 Equipment Replacement Fund	\$0	\$0	\$156,450	\$0	\$0	\$156,450	\$0
	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Total Funding:	\$0	\$0	\$156,450	\$0	\$0	\$156,450	\$0

PUBLIC SAFETY PROJECT

PROJECT # PD0019	G/L ACCT # 601-4601-7806
Rifle Plate Carrier	
(Capital)	
(Capital)	
1,2,3,4,5	

PROJECT MANAGER: Captain Machado

PROJECT DESCRIPTION & PURPOSE: Rifle plates and carriers. Currently officer's are deployed with a bullet proof vest that have limited ability to stop rifle rounds. These will provide protection from rifle rounds.

KEY POINTS: Provides safety for officer's during critical incidents where officers are facing high powered rifles.

PROJECT STATUS: Request funding for the 2017-2022 project cycle.

PROJECTED START DATE: 7/1/2017

PROJECTED END DATE: 1/1/2018

FUTURE M & O:
(Additional Cost & Department Responsibility) There is no future M&O

CRITERIA (1-8): Criteria 2: Project addresses regulatory, safety, or environmental requirements that more likely than not threatens in whole or in part the City's ability to operate a core program or function within the next fiscal year if not replace or repaired.

	Fiscal Year					Total	Unfunded
	2017/2018	2018/2019	2019/2020	2020/2021	2021/2022		
Costs Description							
60 Rifle Plates and Carriers	\$32,000	\$0	\$0	\$0	\$0	\$32,000	\$0
	\$0	\$0	\$0	\$0	\$0	\$0	\$0
	\$0	\$0	\$0	\$0	\$0	\$0	\$0
	\$0	\$0	\$0	\$0	\$0	\$0	\$0
	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Total Costs:	\$32,000	\$0	\$0	\$0	\$0	\$32,000	\$0
Funding Sources							
601 Other General Fund CIP	\$32,000	\$0	\$0	\$0	\$0	\$32,000	\$0
	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Total Funding:	\$32,000	\$0	\$0	\$0	\$0	\$32,000	\$0

Public Safety Project

PROJECT # PD0020	G/L ACCT # 623-4623-7806
Taser Replacement	
(Capital)	
(Equipment Replacement)	
1,2,3,4,5	

PROJECT MANAGER: Captain Machado

PROJECT DESCRIPTION & PURPOSE: Replace outdated TASER's along with purchasing additional taser cartridges for replacement

KEY POINTS: Provides safety for officer's during incidents involving hostile, non complying suspects

PROJECT STATUS: Request funding for the 2017-2022 project cycle.

PROJECTED START DATE: 7/1/2017

PROJECTED END DATE: 1/1/2022

FUTURE M & O: There is no future M&O
(Additional Cost & Department Responsibility)

CRITERIA (1-8): Criteria 2: Project addresses regulatory, safety, or environmental requirements that more likely than not threatens in whole or in part the City's ability to operate a core program or function within the next fiscal year if not replace or repaired.

	Fiscal Year					Total	Unfunded
	2017/2018	2018/2019	2019/2020	2020/2021	2021/2022		
Costs Description							
Tasers Replacement	\$16,000	\$16,000	\$20,000	\$24,000	\$24,000	\$100,000	\$0
	\$0	\$0	\$0	\$0	\$0	\$0	\$0
	\$0	\$0	\$0	\$0	\$0	\$0	\$0
	\$0	\$0	\$0	\$0	\$0	\$0	\$0
	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Total Costs:	\$16,000	\$16,000	\$20,000	\$24,000	\$24,000	\$100,000	\$0
Funding Sources							
623 equipment replacement fund	\$16,000	\$16,000	\$20,000	\$24,000	\$24,000	\$100,000	\$0
	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Total Funding:	\$16,000	\$16,000	\$20,000	\$24,000	\$24,000	\$100,000	\$0

Public Safety Project	
PROJECT # PD0021	G/L ACCT # 601-4601-6807
East and West Side Module Demolition	
(Capital)	
(Capital)	
Districts: 1,3	

PROJECT MANAGER: Captain Machado

PROJECT DESCRIPTION & PURPOSE: Demolition of East and West side modules including water, electric and gas.

KEY POINTS: Both buildings do not meet code for public use. The conditional use permit expired in 2002. Neither is ADA compliant

PROJECT STATUS: Request funding for the 2017-2022 project cycle.

PROJECTED START DATE: 7/1/2017

PROJECTED END DATE: 7/1/2022

FUTURE M & O: There is no future M&O
(Additional Cost & Department Responsibility)

CRITERIA (1-8): Criteria 8: Project replaces a capital asset that could reduce or eliminate the City's ability to operate a core program at some future time if it is not replaced or repaired.

	Fiscal Year					Total	Unfunded
	2017/2018	2018/2019	2019/2020	2020/2021	2021/2022		
Costs Description							
Demolition and removal of East and West side modules	\$10,000	\$0	\$0	\$0	\$0	\$10,000	\$0
	\$0	\$0	\$0	\$0	\$0	\$0	\$0
	\$0	\$0	\$0	\$0	\$0	\$0	\$0
	\$0	\$0	\$0	\$0	\$0	\$0	\$0
	\$0	\$0	\$0	\$0	\$0	\$0	\$0
	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Total Costs:	\$10,000	\$0	\$0	\$0	\$0	\$10,000	\$0
Funding Sources							
601 other general fund CIP	\$10,000	\$0	\$0	\$0	\$0	\$10,000	\$0
	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Total Funding:	\$10,000	\$0	\$0	\$0	\$0	\$10,000	\$0

City of Tulare
2017-2022 Projects Budget
SURFACE WATER PROJECTS

Five Year List:

SU0001 (SU2016-1)	New Lift Station - Levin and West Street
SU0002 (SU2016-2)	New Lift Station
SU0003 (SU2016-3)	SCADA System
SU2016-4 (Future Project)	Rehabilitation of Lift Stations
SU2016-5 (Future Project)	Surface Water Lift Station Generator

PROJECT EXPENSES	FISCAL YEARS					Grand Total
	2017-2018	2018-2019	2019-2020	2020-2021	2021-2022	
Surface Water	\$975,000	\$485,000	\$250,000	\$350,000	\$250,000	\$2,310,000
New Lift Station	\$300,000					\$300,000
New Lift Station - Levin	\$300,000					\$300,000
Rehabilitation of Lift Stations		\$350,000	\$250,000	\$350,000	\$250,000	\$1,200,000
SCADA System	\$375,000					\$375,000
Surface Water Lift Station Generator		\$135,000				\$135,000
Grand Total	\$975,000	\$485,000	\$250,000	\$350,000	\$250,000	\$2,310,000

FUNDING SOURCES	FISCAL YEARS					Grand Total
	2017-2018	2018-2019	2019-2020	2020-2021	2021-2022	
647 SURFACE WATER CIP	\$975,000	\$485,000	\$250,000	\$350,000	\$250,000	\$2,310,000
Grand Total	\$975,000	\$485,000	\$250,000	\$350,000	\$250,000	\$2,310,000

Surface Water Project

PROJECT # SU0001	G/L ACCT # 647-4647-6803
New Lift Station - Levin and West Street	
(Capital)	
(Capital)	
District(s): 1, 2, 3, 4, 5	

PROJECT MANAGER: Trisha Whitfield

PROJECT DESCRIPTION & PURPOSE: Construct a new storm water lift station at Levin and West.

KEY POINTS: The new lift station will help relieve flooding citywide. The new lift station will pump water into the retention basin at the WWTP. Construction will be coordinated with TID. This is priority 2 of the new lift stations proposed. *There is a concern that funding for this project is coming from the Water Fund. There is no GF contribution.

PROJECT STATUS: Request for Funding 2017-2022 Project Cycle

PROJECTED START DATE: 7/1/2017

PROJECTED END DATE: 6/30/2018

FUTURE M & O: This project will increase Surface Water Management Division's M&O commencing July 2018 in the amount of \$15,000 annually.
(Additional Cost & Department Responsibility)

CRITERIA (1-8): Criteria 5: Project extends an existing City Program or function to meet the Council's vision and explicit direction.

	Fiscal Year					Total	Unfunded
	2017/2018	2018/2019	2019/2020	2020/2021	2021/2022		
Costs Description							
Labor & Equipment	\$265,000	\$0	\$0	\$0	\$0	\$265,000	\$0
Contingency	\$30,000	\$0	\$0	\$0	\$0	\$30,000	\$0
Project Management Time	\$5,000		\$0	\$0	\$0	\$5,000	\$0
	\$0	\$0	\$0	\$0	\$0	\$0	\$0
	\$0	\$0	\$0	\$0	\$0	\$0	\$0
	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Total Costs:	\$300,000	\$0	\$0	\$0	\$0	\$300,000	\$0
Funding Sources							
647 Surface Water CIP	\$300,000	\$0	\$0	\$0	\$0	\$300,000	\$0
	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Total Funding:	\$300,000	\$0	\$0	\$0	\$0	\$300,000	\$0

Surface Water Project

PROJECT # SU0002	G/L ACCT # 647-4647-6804
New Lift Station	
(Capital)	
(Capital)	
District(s): 1, 2, 3, 4, 5	

PROJECT MANAGER: Trisha Whitfield

PROJECT DESCRIPTION & PURPOSE: Construct a new storm water lift station at mid-stream on Levin.

KEY POINTS: Staff converted the old dairy waste line to a storm drain line in 2015. A lift station is now needed to relieve the overflow at Bardsley and West. The new lift station will pump water into the retention basin at the WWTP. This is priority 1 of the new lift stations proposed. *There is a concern that funding for this project is coming from the Water Fund. There is no GF contribution.

PROJECT STATUS: Request for Funding 2017-2022 Project Cycle

PROJECTED START DATE: 7/1/2017

PROJECTED END DATE: 6/30/2018

FUTURE M & O: This project will increase Surface Water Management Division's M&O commencing July 2018 in the amount of \$15,000 annually.
(Additional Cost & Department Responsibility)

CRITERIA (1-8): Criteria 5: Project extends an existing City Program or function to meet the Council's vision and explicit direction.

	Fiscal Year					Total	Unfunded
	2017/2018	2018/2019	2019/2020	2020/2021	2021/2022		
Costs Description							
Labor & Equipment	\$265,000	\$0	\$0	\$0	\$0	\$265,000	\$0
Contingency	\$30,000	\$0	\$0	\$0	\$0	\$30,000	\$0
Project Management Time	\$5,000	\$0	\$0	\$0	\$0	\$5,000	\$0
	\$0	\$0	\$0	\$0	\$0	\$0	\$0
	\$0	\$0	\$0	\$0	\$0	\$0	\$0
	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Total Costs:	\$300,000	\$0	\$0	\$0	\$0	\$300,000	\$0
Funding Sources							
647 Surface Water CIP	\$300,000	\$0	\$0	\$0	\$0	\$300,000	\$0
	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Total Funding:	\$300,000	\$0	\$0	\$0	\$0	\$300,000	\$0

Surface Water Project

PROJECT # SU0003	G/L ACCT # 647-4647-6805
SCADA System	
(Capital)	
(Capital)	
District(s): 1, 2, 3, 4, 5	

PROJECT MANAGER: Bobby Dykes

PROJECT DESCRIPTION & PURPOSE: Install SCADA at storm water lift stations.

KEY POINTS: Project includes the initial cost of integration into the existing SCADA system and installation of SCADA at critical sites.

PROJECT STATUS: Request for Funding 2017-2022 Project Cycle
*There is a concern that funding for this project is coming from Water Fund. There is no GF contribution.

PROJECTED START DATE: 7/1/2017

PROJECTED END DATE: 6/30/2018

FUTURE M & O:
(Additional Cost & Department Responsibility) This project will increase Surface Water Management Division's M&O commencing July 2018 in the amount of \$9,000.00 annually.

CRITERIA (1-8): Criteria 5: Project extends an existing City Program or function to meet the Council's vision and explicit direction.

Costs Description	Fiscal Year					Total	Unfunded
	2017/2018	2018/2019	2019/2020	2020/2021	2021/2022		
Capital	\$337,500	\$0	\$0	\$0	\$0	\$337,500	\$0
Contingency	\$37,500	\$0	\$0	\$0	\$0	\$37,500	\$0
	\$0	\$0	\$0	\$0	\$0	\$0	\$0
	\$0	\$0	\$0	\$0	\$0	\$0	\$0
	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Total Costs:	\$375,000	\$0	\$0	\$0	\$0	\$375,000	\$0
Funding Sources							
647 Surface Water CIP	\$375,000	\$0	\$0	\$0	\$0	\$375,000	\$0
	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Total Funding:	\$375,000	\$0	\$0	\$0	\$0	\$375,000	\$0

Surface Water Project

PROJECT # 2016-4
Rehabilitation of Lift Stations
(Capital)
(Annual)
District(s): 1, 2, 3, 4, 5

PROJECT MANAGER: Trisha Whitfield

PROJECT DESCRIPTION & PURPOSE: Rehabilitate and upgrade equipment at various storm water lift stations.

KEY POINTS: Rehabilitation of each station may include electrical upgrades, SCADA installation, safety upgrades, site upgrades, pump and motor replacement, and back-up power.

PROJECT STATUS: Request for Funding 2017-2022 Project Cycle

PROJECTED START DATE: 7/1/2018

PROJECTED END DATE: 6/30/2022

FUTURE M & O: Ongoing M&O expense related to this project is already included in Surface Water Divisions annual M&O budget.
(Additional Cost & Department Responsibility)

CRITERIA (1-8): Criteria 7: Project addresses regulatory, safety, or environmental requirements that could threaten in whole or in part the City's ability to operate a core program or function at some future time if not replaced or repaired.

	Fiscal Year					Total	Unfunded
	2017/2018	2018/2019	2019/2020	2020/2021	2021/2022		
Costs Description							
Labor & Equipment	\$0	\$310,000	\$220,000	\$310,000	\$220,000	\$1,060,000	\$0
Contingency	\$0	\$35,000	\$25,000	\$35,000	\$25,000	\$120,000	\$0
Project Management Time	\$0	\$5,000	\$5,000	\$5,000	\$5,000	\$20,000	\$0
	\$0	\$0	\$0	\$0	\$0	\$0	\$0
	\$0	\$0	\$0	\$0	\$0	\$0	\$0
	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Total Costs:	\$0	\$350,000	\$250,000	\$350,000	\$250,000	\$1,200,000	\$0
Funding Sources							
647 Surface Water CIP	\$0	\$350,000	\$250,000	\$350,000	\$250,000	\$1,200,000	\$0
	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Total Funding:	\$0	\$350,000	\$250,000	\$350,000	\$250,000	\$1,200,000	\$0

Surface Water Project

PROJECT # 2016-5
Surface Water Lift Station Generator
(Capital)
(Capital)
District's 1,2,3,4,5

PROJECT MANAGER: Bobby Dykes

PROJECT DESCRIPTION & PURPOSE: Portable Generator to generate power when service is interrupted to surface water lift stations. Also, keep streets from flooding conditions during a rain event.

KEY POINTS: Enable lift station operations during rain events and lesson risk of street flooding.

PROJECT STATUS: Request for Funding 2017-2022 Project Cycle

PROJECTED START DATE: 7/1/2018

PROJECTED END DATE: 9/1/2018

FUTURE M & O: This project will increase Surface Water Management Division's M&O commencing on July 2018 in the amount of \$1500.00 annually.
(Additional Cost & Department Responsibility)

CRITERIA (1-8): Criteria 7: Project addresses regulatory, safety, or environmental requirements that could threaten in whole or in part the City's ability to operate a core program or function at some future time if not replaced or repaired.

	Fiscal Year					Total	Unfunded
	2017/2018	2018/2019	2019/2020	2020/2021	2021/2022		
Costs Description							
Equipment	\$0	\$121,500	\$0	\$0	\$0	\$121,500	\$0
Contingency	\$0	\$13,500	\$0	\$0	\$0	\$13,500	\$0
	\$0	\$0	\$0	\$0	\$0	\$0	\$0
	\$0	\$0	\$0	\$0	\$0	\$0	\$0
	\$0	\$0	\$0	\$0	\$0	\$0	\$0
	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Total Costs:	\$0	\$135,000	\$0	\$0	\$0	\$135,000	\$0
Funding Sources							
647 Surface Water CIP	\$0	\$135,000	\$0	\$0	\$0	\$135,000	\$0
	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Total Funding:	\$0	\$135,000	\$0	\$0	\$0	\$135,000	\$0

City of Tulare
2017-2022 Projects Budget
WATER PROJECTS

Five Year List:

WT0030	Annual Meter Replacement
WT0032 (WT2016-1)	TCP Treatment
WT0033 (WT2016-2)	Groundwater Recharge Basins
WT0034 (WT2016-3)	Electrical System Upgrades
WT0035 (WT2016-4)	Generators
WT0036 (WT2016-5)	Well 40 Treatment
WT0037 (WT2016-6)	Well Rehabilitation
WT0038 (WT2016-7)	Well 4-5
WT0039 (WT2016-8)	Well 4-7
WT0040 (WT2016-9)	SRF Grant Project
WT2016-10 (Future Project)	Water Meter Infrastructure Upgrade
WT2016-11 (Future Project)	Backhoe Replacement
WT2016-12 (Future Project)	Hydraulic Model
WT2016-13 (Future Project)	GIS System
WT2016-14 (Future Project)	Well 4-2
WT2016-15	Cartmill Economic Development

PROJECT EXPENSES	FISCAL YEARS					Grand Total
	2017-2018	2018-2019	2019-2020	2020-2021	2021-2022	
Water	\$9,142,350	\$8,760,350	\$6,502,059	\$4,377,536	\$3,675,000	\$32,457,295
Annual Meter Replacement	\$584,350	\$584,350	\$589,268	\$602,536		\$2,360,504
Backhoe Replacement		\$145,000				\$145,000
Cartmill Economic Development			\$2,000,000			\$2,000,000
Electrical System Upgrades	\$150,000	\$150,000	\$150,000	\$150,000	\$150,000	\$750,000
Generators	\$125,000		\$125,000	\$125,000	\$125,000	\$500,000
GIS System		\$200,000	\$100,000	\$100,000		\$400,000
Groundwater Recharge Basin	\$200,000	\$200,000	\$200,000	\$200,000	\$200,000	\$1,000,000
Hydraulic Model		\$150,000				\$150,000
SRF Grant Project	\$383,000	\$2,617,500				\$3,000,500
TCP Treatment	\$3,000,000	\$3,000,000	\$3,000,000	\$3,000,000	\$3,000,000	\$15,000,000
Water Meter Infrastructure Upgrade		\$13,500	\$137,791			\$151,291
Well 40 Treatment	\$1,500,000					\$1,500,000
Well 4-2		\$1,500,000				\$1,500,000
Well 4-5	\$1,500,000					\$1,500,000
Well 4-7	\$1,500,000					\$1,500,000
Well Rehabilitation	\$200,000	\$200,000	\$200,000	\$200,000	\$200,000	\$1,000,000
Grand Total	\$9,142,350	\$8,760,350	\$6,502,059	\$4,377,536	\$3,675,000	\$32,457,295

FUNDING SOURCES	FISCAL YEARS					Grand Total
	2017-2018	2018-2019	2019-2020	2020-2021	2021-2022	
010 Water Fund - Salaries	\$10,000	\$12,500	\$15,000	\$10,000		\$47,500
010-4611-6003	\$137,000	\$137,000	\$137,000	\$137,000		\$548,000
260 DIF Water Supply FAC			\$2,000,000			\$2,000,000
610 Water CIP Fund	\$4,208,000	\$3,073,500	\$857,791	\$725,000	\$675,000	\$9,539,291
615 SEWER/WASTEWATER CIP		\$100,000	\$50,000	\$50,000		\$200,000
623 Equipment Replacement Fund	\$437,350	\$437,350	\$442,268	\$455,536		\$1,772,504
610 State Water Grant	\$1,350,000					\$1,350,000
027 Groundwater	\$3,000,000	\$3,000,000	\$3,000,000	\$3,000,000	\$3,000,000	\$15,000,000
610 State of CA SRF Grant		\$2,000,000				\$2,000,000
Grand Total	\$9,142,350	\$8,760,350	\$6,502,059	\$4,377,536	\$3,675,000	\$32,457,295

WATER PROJECT

PROJECT #WT0030	G/L # 610-4610-6810
Annual Meter Replacement	
(Operations)	
(Equipment Replacement)	
Districts 1,2,3,4,5	

PROJECT MANAGER: Timothy Doyle

PROJECT DESCRIPTION & PURPOSE: This project is to replace 1000-2000 water meters annually as designated by the Hydrological Enterprise Program. This will begin to transition the 3G AMR meter system to a 4G AMI system for improved billing data collection. It will also replace meters in a planned fashion to prevent loss of overall accuracy.

KEY POINTS: -Transitions the existing meter system from 3G AMR to 4G AMI over several years and replaces meters before they reach age of failure.

PROJECT STATUS: Request for Funding 2017-2022 Cycle

PROJECTED START DATE: 7/1/2017

PROJECTED END DATE: 6/30/2018

FUTURE M & O: This project will increase Water Division's M & O commencing July 2018 in the amount of \$30,000 annually
(Additional Cost & Department Responsibility)

CRITERIA (1-8): Criteria 5: Project extends an existing City Program or function to meet the Council's vision and explicit direction.

Costs Description	Fiscal Year					Total	Unfunded
	2016/17	2017/18	2018/19	2019/20	2020/2021		
0200-Materials	\$437,350	\$437,350	\$437,350	\$442,268	\$455,536	\$2,209,854	\$0
0203-Contract - Labor	\$120,000	\$120,000	\$120,000	\$120,000	\$120,000	\$600,000	\$0
0994-Staff	\$10,000	\$10,000	\$10,000	\$10,000	\$10,000	\$50,000	\$0
0999-Contingency -10%	\$17,000	\$17,000	\$17,000	\$17,000	\$17,000	\$85,000	\$0
	\$0	\$0	\$0	\$0	\$0	\$0	\$0
	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Total Costs:	\$584,350	\$584,350	\$584,350	\$589,268	\$602,536	\$2,944,854	\$0
Funding Sources							
010 Water Fund - Salaries	\$10,000	\$10,000	\$10,000	\$10,000	\$10,000	\$50,000	\$0
010-4611-6003	\$137,000	\$137,000	\$137,000	\$137,000	\$137,000	\$685,000	\$0
623 Equipment Replacement Fund	\$437,350	\$437,350	\$437,350	\$442,268	\$455,536	\$2,209,854	\$0
Total Funding:	\$584,350	\$584,350	\$584,350	\$589,268	\$602,536	\$2,944,854	\$0

Water Project

PROJECT # ww0032	G/L ACCT # 610-4610-6811
TCP Treatment	
(Capital)	
(Capital)	
District(s): 1, 2, 3, 4, 5	

PROJECT MANAGER: Trisha Whitfield

PROJECT DESCRIPTION & PURPOSE: Purchase and installation of TCP treatment systems for well sites containing TCP.

KEY POINTS: The State of California is in the process of setting an mcl limit for TCP. There are wells that will need TCP treatment in order for them to stay in operation.

PROJECT STATUS: Request for Funding 2017-2022 Project Cycle

PROJECTED START DATE: 7/1/2017

PROJECTED END DATE: 6/30/2022

FUTURE M & O: This Project will increase Water Division M&O commencing July 2020 in the amount of \$30,000 annually
(Additional Cost & Department Responsibility)

CRITERIA (1-8): Criteria 1: Project corrects immediate and urgent public health or public safety issue.

	Fiscal Year					Total	Unfunded
	2017/2018	2018/2019	2019/2020	2020/2021	2021/2022		
Costs Description							
Equipment	\$2,955,000	\$2,955,000	\$2,955,000	\$2,955,000	\$2,955,000	\$14,775,000	\$0
Contingency	\$30,000	\$30,000	\$30,000	\$30,000	\$30,000	\$150,000	\$0
Project Management Time	\$15,000	\$15,000	\$15,000	\$15,000	\$15,000	\$75,000	\$0
	\$0	\$0	\$0	\$0	\$0	\$0	\$0
	\$0	\$0	\$0	\$0	\$0	\$0	\$0
	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Total Costs:	\$3,000,000	\$3,000,000	\$3,000,000	\$3,000,000	\$3,000,000	\$15,000,000	\$0
Funding Sources							
027 Groundwater	\$3,000,000	\$3,000,000	\$3,000,000	\$3,000,000	\$3,000,000	\$15,000,000	\$0
	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Total Funding:	\$3,000,000	\$3,000,000	\$3,000,000	\$3,000,000	\$3,000,000	\$15,000,000	\$0

Water Project

PROJECT # WT0033	G/L ACCT # 610-4610-6812
Groundwater Recharge Basins	
(Capital)	
(Annual)	
District(s): 1, 2, 3, 4, 5	

PROJECT MANAGER: Trisha Whitfield

PROJECT DESCRIPTION & PURPOSE: Purchase and develop sites for groundwater recharge basins.

KEY POINTS: Additional property is needed to construct new ponding basins and/or recharge basins to collect rain and nuisance water for HEP program recharge.

PROJECT STATUS: Request for Funding 2017-2022 Project Cycle

PROJECTED START DATE: 7/1/2017

PROJECTED END DATE: 6/30/2022

FUTURE M & O: This project will increase Water Division's M&O commencing July 2019 in the amount of \$10,000 per basin annually.
(Additional Cost & Department Responsibility)

CRITERIA (1-8): Criteria 7: Project addresses regulatory, safety, or environmental requirements that could threaten in whole or in part the City's ability to operate a core program or function at some future time if not replaced or repaired.

	Fiscal Year					Total	Unfunded
	2017/2018	2018/2019	2019/2020	2020/2021	2021/2022		
Costs Description							
Land Acquisition/Capital	\$175,000	\$175,000	\$175,000	\$175,000	\$175,000	\$875,000	\$0
Contingency	\$20,000	\$20,000	\$20,000	\$20,000	\$20,000	\$100,000	\$0
Project Management Time	\$5,000	\$5,000	\$5,000	\$5,000	\$5,000	\$25,000	\$0
	\$0	\$0	\$0	\$0	\$0	\$0	\$0
	\$0	\$0	\$0	\$0	\$0	\$0	\$0
	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Total Costs:	\$200,000	\$200,000	\$200,000	\$200,000	\$200,000	\$1,000,000	\$0
Funding Sources							
610 Water CIP Fund	\$200,000	\$200,000	\$200,000	\$200,000	\$200,000	\$1,000,000	\$0
	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Total Funding:	\$200,000	\$200,000	\$200,000	\$200,000	\$200,000	\$1,000,000	\$0

Water Project

PROJECT # WT0034	G/L ACCT # 610-4610-6813
Electrical System Upgrades	
(Capital)	
(Annual)	
District(s): 1, 2, 3, 4, 5	

PROJECT MANAGER: Trisha Whitfield

PROJECT DESCRIPTION & PURPOSE: Upgrade electrical systems and/or SCADA at various well sites.

KEY POINTS: Projects will vary at each well site between the following upgrades: SCADA upgrades, VFD upgrade or installation, electrical panel upgrades.

PROJECT STATUS: Request for Funding 2017-2022 Project Cycle

PROJECTED START DATE: 7/1/2017

PROJECTED END DATE: 6/30/2022

FUTURE M & O: The ongoing M&O expense related to this project is already included in Water Division's annual M&O budget.
(Additional Cost & Department Responsibility)

CRITERIA (1-8): Criteria 7: Project addresses regulatory, safety, or environmental requirements that could threaten in whole or in part the City's ability to operate a core program or function at some future time if not replaced or repaired.

	Fiscal Year					Total	Unfunded
	2017/2018	2018/2019	2019/2020	2020/2021	2021/2022		
Costs Description							
Construction	\$130,000	\$130,000	\$130,000	\$130,000	\$130,000	\$650,000	\$0
Contingency	\$15,000	\$15,000	\$15,000	\$15,000	\$15,000	\$75,000	\$0
Project Management Time	\$5,000	\$5,000	\$5,000	\$5,000	\$5,000	\$25,000	\$0
	\$0	\$0	\$0	\$0	\$0	\$0	\$0
	\$0	\$0	\$0	\$0	\$0	\$0	\$0
	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Total Costs:	\$150,000	\$150,000	\$150,000	\$150,000	\$150,000	\$750,000	\$0
Funding Sources							
610 Water CIP Fund	\$150,000	\$150,000	\$150,000	\$150,000	\$150,000	\$750,000	\$0
	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Total Funding:	\$150,000	\$150,000	\$150,000	\$150,000	\$150,000	\$750,000	\$0

Water Project

PROJECT # WW0035	G/L ACCT # 610-4610-6814
Generators	
(Capital)	
(Capital)	
District(s): 1, 2, 3, 4, 5	

PROJECT MANAGER: Trisha Whitfield

PROJECT DESCRIPTION & PURPOSE: Replace and/or add new generators to the water well system back-up power system.

KEY POINTS: The project will replace the existing stationary generators at Wells 22, 17 and 26 and will purchase one new portable generator.

PROJECT STATUS: Request for Funding 2017-2022 Project Cycle

PROJECTED START DATE: 7/1/2017

PROJECTED END DATE: 6/30/2022

FUTURE M & O: The ongoing M&O expense related to this project is already included in Water Division's annual M&O budget.
(Additional Cost & Department Responsibility)

CRITERIA (1-8): Criteria 8: Project replaces a capital asset that could reduce or eliminate the City's ability to operate a core program at some future time if it is not replaced or repaired.

	Fiscal Year					Total	Unfunded
	2017/2018	2018/2019	2019/2020	2020/2021	2021/2022		
Costs Description							
Equipment	\$107,500	\$0	\$107,500	\$107,500	\$107,500	\$430,000	\$0
Contingency	\$12,500	\$0	\$12,500	\$12,500	\$12,500	\$50,000	\$0
Project Management Time	\$5,000	\$0	\$5,000	\$5,000	\$5,000	\$20,000	\$0
	\$0	\$0	\$0	\$0	\$0	\$0	\$0
	\$0	\$0	\$0	\$0	\$0	\$0	\$0
	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Total Costs:	\$125,000	\$0	\$125,000	\$125,000	\$125,000	\$500,000	\$0
Funding Sources							
610 Water CIP Fund	\$125,000	\$0	\$125,000	\$125,000	\$125,000	\$500,000	\$0
	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Total Funding:	\$125,000	\$0	\$125,000	\$125,000	\$125,000	\$500,000	\$0

Water Project

PROJECT # WT0036	G/L ACCT # 610-4610-6815
Well 40 Treatment	
(Capital)	
(Capital)	
District(s): 1, 2, 3, 4, 5	

PROJECT MANAGER: Trisha Whitfield

PROJECT DESCRIPTION & PURPOSE: Purchase and installation of an arsenic treatment system for Well 40.

KEY POINTS: The arsenic levels at Well 40 keep increasing causing the need for treatment at the well site. Staff has submitted a pre-application to the State Water Board for a grant to cover the capital cost of a treatment system.

PROJECT STATUS: Request for Funding 2017-2022 Project Cycle

PROJECTED START DATE: 7/1/2017

PROJECTED END DATE: 6/30/2018

FUTURE M & O: This Project will increase Water Division M&O commencing July 2018 in the amount of \$30,000 annually
(Additional Cost & Department Responsibility)

CRITERIA (1-8): Criteria 1: Project corrects immediate and urgent public health or public safety issue.

	Fiscal Year					Total	Unfunded
	2017/2018	2018/2019	2019/2020	2020/2021	2021/2022		
Costs Description							
Equipment	\$1,480,000	\$0	\$0	\$0	\$0	\$1,480,000	\$0
Project Management Time	\$20,000	\$0	\$0	\$0	\$0	\$20,000	\$0
	\$0	\$0	\$0	\$0	\$0	\$0	\$0
	\$0	\$0	\$0	\$0	\$0	\$0	\$0
	\$0	\$0	\$0	\$0	\$0	\$0	\$0
	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Total Costs:	\$1,500,000	\$0	\$0	\$0	\$0	\$1,500,000	\$0
Funding Sources							
610 Water CIP Fund	\$150,000	\$0	\$0	\$0	\$0	\$150,000	\$0
992 State Water Grant	\$1,350,000	\$0	\$0	\$0	\$0	\$1,350,000	\$0
Total Funding:	\$1,500,000	\$0	\$0	\$0	\$0	\$1,500,000	\$0

Water Project

PROJECT # WT0037	G/L ACCT # 610-4610-6816
Well Rehabilitation	
(Capital)	
(Annual)	
District(s): 1, 2, 3, 4, 5	

PROJECT MANAGER: Trisha Whitfield

PROJECT DESCRIPTION & PURPOSE: Rehabilitate and upgrade equipment at various well sites.

KEY POINTS: Funding is for 2 well sites/year. Rehabilitation includes cleaning of well, replacing submersible pumps with vertical turbine pumps, and replacing the column, tube, shaft and bowls.

PROJECT STATUS: Request for Funding 2017-2022 Project Cycle

PROJECTED START DATE: 7/1/2017

PROJECTED END DATE: 6/30/2022

FUTURE M & O: The ongoing M&O expense related to this project is already included in Water Division's annual M&O budget
(Additional Cost & Department Responsibility)

CRITERIA (1-8): Criteria 7: Project addresses regulatory, safety, or environmental requirements that could threaten in whole or in part the City's ability to operate a core program or function at some future time if not replaced or repaired.

	Fiscal Year					Total	Unfunded
	2017/2018	2018/2019	2019/2020	2020/2021	2021/2022		
Costs Description							
Consultant	\$195,000	\$195,000	\$195,000	\$195,000	\$195,000	\$975,000	\$0
Project Management Time	\$5,000	\$5,000	\$5,000	\$5,000	\$5,000	\$25,000	\$0
	\$0	\$0	\$0	\$0	\$0	\$0	\$0
	\$0	\$0	\$0	\$0	\$0	\$0	\$0
	\$0	\$0	\$0	\$0	\$0	\$0	\$0
	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Total Costs:	\$200,000	\$200,000	\$200,000	\$200,000	\$200,000	\$1,000,000	\$0
Funding Sources							
610 Water CIP Fund	\$200,000	\$200,000	\$200,000	\$200,000	\$200,000	\$1,000,000	\$0
	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Total Funding:	\$200,000	\$200,000	\$200,000	\$200,000	\$200,000	\$1,000,000	\$0

Water Project

PROJECT #WT0038	G/L ACCT # 610-4610-6817
Well 4-5	
(Capital)	
(Capital)	
District(s): 1, 2, 3, 4, 5	

PROJECT MANAGER: Trisha Whitfield

PROJECT DESCRIPTION & PURPOSE: Construction of a new water well 4-5.

KEY POINTS: This well is one of 7 new wells shown in Carollo's Matheny/Soultz Technical Memorandum and proposed with the 2016 Water Rate Study. Project includes construction of test well, hydrogeologic consulting, design engineer, well drilling, pumps and appurtenances, and associated site improvements.

PROJECT STATUS: Planning

PROJECTED START DATE: 7/1/2017

PROJECTED END DATE: 12/31/2018

FUTURE M & O: chlorine - \$5,000/year, electricity - \$80,000/year
(Additional Cost & Department Responsibility)

CRITERIA (1-8): Criteria 1: Project corrects immediate and urgent public health or public safety issue.

	Fiscal Year					Total	Unfunded
	2017/18	2018/19	2019/20	2020/21	2021/22		
Costs Description							
001 - Conceptual	\$0	\$0	\$0	\$0	\$0	\$0	\$0
002 - Preliminary Design	\$105,000	\$0	\$0	\$0	\$0	\$105,000	\$0
003 - Environmental	\$0	\$0	\$0	\$0	\$0	\$0	\$0
004 - Final Design	\$210,000	\$0	\$0	\$0	\$0	\$210,000	\$0
005 - Construct/Impliment	\$1,185,000	\$0	\$0	\$0	\$0	\$1,185,000	\$0
006 - Close Out	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Total Costs:	\$1,500,000	\$0	\$0	\$0	\$0	\$1,500,000	\$0
Funding Sources							
Fund 610 - Water CIP (new water rates)	\$1,500,000	\$0	\$0	\$0	\$0	\$1,500,000	\$0
	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Total Funding:	\$1,500,000	\$0	\$0	\$0	\$0	\$1,500,000	\$0

Water Project

PROJECT #WT0039	G/L ACCT # 610-4610-6818
Well 4-7	
(Capital)	
(Capital)	
District(s): 1, 2, 3, 4, 5	

PROJECT MANAGER: Trisha Whitfield

PROJECT DESCRIPTION & PURPOSE: Construction of a new water well 4-7.

KEY POINTS: This well is one of 7 new wells shown in Carollo's Matheny/Soultz Technical Memorandum and proposed with the 2016 Water Rate Study. Project includes construction of test well, hydrogeologic consulting, design engineer, well drilling, pumps and appurtenances, and associated site improvements.

PROJECT STATUS: Planning

PROJECTED START DATE: 7/1/2017

PROJECTED END DATE: 12/31/2018

FUTURE M & O: chlorine - \$5,000/year, electricity - \$80,000/year
(Additional Cost & Department Responsibility)

CRITERIA (1-8): Criteria 1: Project corrects immediate and urgent public health or public safety issue.

	Fiscal Year					Total	Unfunded
	2017/18	2018/19	2019/20	2020/21	2021/22		
Costs Description							
001 - Conceptual	\$0	\$0	\$0	\$0	\$0	\$0	\$0
002 - Preliminary Design	\$105,000	\$0	\$0	\$0	\$0	\$105,000	\$0
003 - Environmental	\$0	\$0	\$0	\$0	\$0	\$0	\$0
004 - Final Design	\$210,000	\$0	\$0	\$0	\$0	\$210,000	\$0
005 - Construct/Impliment	\$1,185,000	\$0	\$0	\$0	\$0	\$1,185,000	\$0
006 - Close Out	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Total Costs:	\$1,500,000	\$0	\$0	\$0	\$0	\$1,500,000	\$0
Funding Sources							
Fund 610 - Water CIP (new water rates)	\$1,500,000	\$0	\$0	\$0	\$0	\$1,500,000	\$0
	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Total Funding:	\$1,500,000	\$0	\$0	\$0	\$0	\$1,500,000	\$0

Water Project

PROJECT #WT0040	G/L ACCT # 610-4610-6820
SRF Grant Project	
(Capital)	
(Capital)	
District(s): 1, 2, 3, 4, 5	

PROJECT MANAGER: Trisha Whitfield

PROJECT DESCRIPTION & PURPOSE: Construction of a new water well 4-3 and construction of a 12" water main from Well 14 to Matheny Tract.

KEY POINTS: This project will be funded by a SRF grant from the State as a result of the Matheny Tract connection to the City water system. The project includes construction of a new City well 4-3 (per the Carollo Matheny/Soultz Technical Memorandum) and extending the 12" mainline from Well 14 north up I Drive to Matheny Tract.

PROJECT STATUS: Planning - working on grant application

PROJECTED START DATE: 7/1/2017
PROJECTED END DATE: 12/31/2019

FUTURE M & O: chlorine - \$5,000/year, electricity - \$80,000/year
(Additional Cost & Department Responsibility)

CRITERIA (1-8): Criteria 1: Project corrects immediate and urgent public health or public safety issue.

	Fiscal Year					Total	Unfunded
	2017/18	2018/19	2019/20	2020/21	2021/22		
Costs Description							
001 - Conceptual	\$0	\$0	\$0	\$0	\$0	\$0	\$0
002 - Preliminary Design	\$105,000	\$0	\$0	\$0	\$0	\$105,000	\$0
003 - Environmental	\$0	\$0	\$0	\$0	\$0	\$0	\$0
004 - Final Design	\$260,500	\$0	\$0	\$0	\$0	\$260,500	\$0
005 - Construct/Impliment	\$17,500	\$2,617,500	\$0	\$0	\$0	\$2,635,000	\$0
006 - Close Out	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Total Costs:	\$383,000	\$2,617,500	\$0	\$0	\$0	\$3,000,500	\$0
Funding Sources							
Fund 610 - Water CIP (new water rates)	\$383,000	\$617,500	\$0	\$0	\$0	\$1,000,500	\$0
State of CA, SRF Grant	\$0	\$2,000,000	\$0	\$0	\$0	\$2,000,000	\$0
Total Funding:	\$383,000	\$2,617,500	\$0	\$0	\$0	\$3,000,500	\$0

WATER PROJECT

PROJECT # 2016-10
Water Meter Infrastructure Upgrade
(Operations)
(Equipment Replacement)
Districts 1,2,3,4,5

PROJECT MANAGER: Timothy Doyle

PROJECT DESCRIPTION & PURPOSE:

Engineering studies required for the installation of an upgraded base station, repeaters and antenna to begin utilizing the 4G AMI functionality of the new meters that have been installed. This project will take place over two years. It is expected to include 3 base stations, 9 repeaters, 2 towers, 2 engineering studies, and software integration and training. the engineering studies will be done in 2018/19, and the remaining projected will be executed in 2019/20

KEY POINTS:

This will produce engineering studies that confirm the placement of base station antennas. It will allow the 4G functionality that the new water meters have that needs to be utilized.

PROJECT STATUS:

Request for Funding 2017-2022 Cycle

PROJECTED START DATE:

7/1/2018

PROJECTED END DATE:

6/30/2020

FUTURE M & O:

(Additional Cost & Department Responsibility)

The project will increase Water Division's M & O commencing July 2020 in the amount of \$3,000 annually.

CRITERIA (1-8):

Criteria 5: Project extends an existing City Program or function to meet the Council's vision and explicit direction.

	Fiscal Year					Total	Unfunded
	2017/2018	2018/2019	2019/2020	2020/2021	2021/2022		
Costs Description							
Materials	\$0	\$0	\$101,575	\$0	\$0	\$101,575	\$0
Contract - Labor	\$0	\$10,000	\$19,216	\$0	\$0	\$29,216	\$0
Staff	\$0	\$2,500	\$5,000	\$0	\$0	\$7,500	\$0
Contingency -10%	\$0	\$1,000	\$12,000	\$0	\$0	\$13,000	\$0
	\$0	\$0	\$0	\$0	\$0	\$0	\$0
	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Total Costs:	\$0	\$13,500	\$137,791	\$0	\$0	\$151,291	\$0
Funding Sources							
610 Water CIP Fund	\$0	\$11,000	\$132,791	\$0	\$0	\$143,791	\$0
010 Water Fund - Salaries		\$2,500	\$5,000	\$0	\$0	\$7,500	\$0
Total Funding:	\$0	\$13,500	\$137,791	\$0	\$0	\$151,291	\$0

Water Project

PROJECT # WT2016-11
Backhoe Replacement
(Capital)
(Capital)
District(s): 1, 2, 3, 4, 5

PROJECT MANAGER: Tim Doyle

PROJECT DESCRIPTION & PURPOSE: Replace the Water Division backhoe.

KEY POINTS: The current backhoe is a 1997. The Water Division uses the backhoe for water line repairs and installations daily.

PROJECT STATUS: Request for Funding 2017-2022 Project Cycle

PROJECTED START DATE: 7/1/2018

PROJECTED END DATE: 6/30/2019

FUTURE M & O: The ongoing M&O expense related to this project is already included in Water Division's annual M&O budget.
(Additional Cost & Department Responsibility)

CRITERIA (1-8): Criteria 8: Project replaces a capital asset that could reduce or eliminate the City's ability to operate a core program at some future time if it is not replaced or repaired.

	Fiscal Year					Total	Unfunded
	2017/2018	2018/2019	2019/2020	2020/2021	2021/2022		
Costs Description							
Tax & License Fees	\$0	\$145,000	\$0	\$0	\$0	\$145,000	\$0
	\$0	\$0	\$0	\$0	\$0	\$0	\$0
	\$0	\$0	\$0	\$0	\$0	\$0	\$0
	\$0	\$0	\$0	\$0	\$0	\$0	\$0
	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Total Costs:	\$0	\$145,000	\$0	\$0	\$0	\$145,000	\$0
Funding Sources							
610 Water CIP Fund	\$0	\$145,000	\$0	\$0	\$0	\$145,000	\$0
	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Total Funding:	\$0	\$145,000	\$0	\$0	\$0	\$145,000	\$0

Water Project

PROJECT # 2016-12
Hydraulic Model
(Operations)
(Study)
District(s): 1, 2, 3, 4, 5

PROJECT MANAGER: Tim Doyle

PROJECT DESCRIPTION & PURPOSE: Re-evaluate hydraulic model based on improvements to the water system.

KEY POINTS: Seven new water wells, three water storage tanks, and various line upgrades are proposed to take place over the next five years. The hydraulic model will need to be updated to reflect changes to infrastructure.

PROJECT STATUS: Request for Funding 2017-2022 Project Cycle

PROJECTED START DATE: 7/1/2018

PROJECTED END DATE: 6/30/2019

FUTURE M & O:
(Additional Cost & Department Responsibility) The ongoing M&O expense related to this project is already include

CRITERIA (1-8): Criteria 7: Project addresses regulatory, safety, or environmental requirements that could threaten in whole or in part the City's ability to operate a core program or function at some future time if not replaced or repaired.

	Fiscal Year					Total	Unfunded
	2017/2018	2018/2019	2019/2020	2020/2021	2021/2022		
Costs Description							
Consultant	\$0	\$150,000	\$0	\$0	\$0	\$150,000	\$0
	\$0	\$0	\$0	\$0	\$0	\$0	\$0
	\$0	\$0	\$0	\$0	\$0	\$0	\$0
	\$0	\$0	\$0	\$0	\$0	\$0	\$0
	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Total Costs:	\$0	\$150,000	\$0	\$0	\$0	\$150,000	\$0
Funding Sources							
610 Water CIP Fund	\$0	\$150,000	\$0	\$0	\$0	\$150,000	\$0
	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Total Funding:	\$0	\$150,000	\$0	\$0	\$0	\$150,000	\$0

WATER PROJECT

PROJECT # 2016-13
GIS System
(Operations)
(Study)
District(s): 1, 2, 3, 4, 5

PROJECT MANAGER: Joe Carlini

PROJECT DESCRIPTION & PURPOSE: Create a GIS system for the City of Tulare utilities.

KEY POINTS: This is a needs assessment and feasibility study and will include initial implementation of the GIS system. The needs assessment will identify the layers and help identify funding needed from other utilities.

PROJECT STATUS: Request for Funding 2017-2022 Project Cycle

PROJECTED START DATE: 7/1/2018

PROJECTED END DATE: 6/30/2019

FUTURE M & O: This project will increase Water & Sewer Division's M & O July 2019 in the amount of \$3,000 annually
(Additional Cost & Department Responsibility)

CRITERIA (1-8): Criteria 8: Project replaces a capital asset that could reduce or eliminate the City's ability to operate a core program at some future time if it is not replaced or repaired.

	Fiscal Year					Total	Unfunded
	2017/2018	2018/2019	2019/2020	2020/2021	2021/2022		
Costs Description							
Consultant	\$0	\$200,000	\$100,000	\$100,000	\$0	\$400,000	\$0
	\$0	\$0	\$0	\$0	\$0	\$0	\$0
	\$0	\$0	\$0	\$0	\$0	\$0	\$0
	\$0	\$0	\$0	\$0	\$0	\$0	\$0
	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Total Costs:	\$0	\$200,000	\$100,000	\$100,000	\$0	\$400,000	\$0
Funding Sources							
610 Water CIP Fund	\$0	\$100,000	\$50,000	\$50,000	\$0	\$200,000	\$0
615 Sewer/Wastewater CIP Fund	\$0	\$100,000	\$50,000	\$50,000	\$0	\$200,000	\$0
Total Funding:	\$0	\$200,000	\$100,000	\$100,000	\$0	\$400,000	\$0

Water Project

PROJECT #WT2016-14
Well 4-2
(Capital)
(Capital)
District(s): 1, 2, 3, 4, 5

PROJECT MANAGER: Trisha Whitfield

PROJECT DESCRIPTION & PURPOSE: Construction of a new water well 4-2.

KEY POINTS: This well is one of 7 new wells shown in Carollo's Matheny/Soultz Technical Memorandum and proposed with the 2016 Water Rate Study. Project includes construction of test well, hydrogeologic consulting, design engineer, well drilling, pumps and appurtenances, and associated site improvements.

PROJECT STATUS: Planning

PROJECTED START DATE: 7/1/2018

PROJECTED END DATE: 12/31/2019

FUTURE M & O: chlorine - \$5,000/year, electricity - \$80,000/year
(Additional Cost & Department Responsibility)

CRITERIA (1-8): Criteria 1: Project corrects immediate and urgent public health or public safety issue.

Costs Description	Fiscal Year					Total	Unfunded
	2017/18	2018/19	2019/20	2020/21	2021/22		
001 - Conceptual	\$0	\$0	\$0	\$0	\$0	\$0	\$0
002 - Preliminary Design	\$0	\$105,000	\$0	\$0	\$0	\$105,000	\$0
003 - Environmental	\$0	\$0	\$0	\$0	\$0	\$0	\$0
004 - Final Design	\$0	\$210,000	\$0	\$0	\$0	\$210,000	\$0
005 - Construct/Impliment	\$0	\$1,185,000	\$0	\$0	\$0	\$1,185,000	\$0
006 - Close Out	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Total Costs:	\$0	\$1,500,000	\$0	\$0	\$0	\$1,500,000	\$0
Funding Sources							
Fund 610 - Water CIP (new water rates)	\$0	\$1,500,000	\$0	\$0	\$0	\$1,500,000	\$0
	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Total Funding:	\$0	\$1,500,000	\$0	\$0	\$0	\$1,500,000	\$0

WATER PROJECT

PROJECT # WT2016-15
Cartmill Economic Development

PROJECT MANAGER: Joseph Carlini

PROJECT DESCRIPTION & PURPOSE: This project is for the construction and installation of the water, sewer, storm drain infrastructure necessary to allow the Cartmill project to be planned and developed.

KEY POINTS: There is currently no infrastructure in the ground at the expected development location. To promote development infrastructure will need to be installed to greater or lesser degrees.

PROJECT STATUS: Conceptual

PROJECTED START DATE: 7/1/2019

PROJECTED END DATE: 6/30/2020

FUTURE M & O: unknown

CRITERIA (1-8): Criteria 4: Project represents an investment that will return real cash savings over an identifiable investment horizon and that return exceeds the City's cost of capital (cost of capital equals weighted average interest on City debt issues and capital leases).

	Fiscal Year					Total	Unfunded
	2015/16	2016/17	2017/18	2018/19	2019/20		
Costs Description							
Planning and Installation	\$0	\$0	\$0	\$0	\$2,000,000	\$2,000,000	\$0
	\$0	\$0	\$0	\$0	\$0	\$0	\$0
	\$0	\$0	\$0	\$0	\$0	\$0	\$0
	\$0	\$0	\$0	\$0	\$0	\$0	\$0
	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Total Costs:	\$0	\$0	\$0	\$0	\$2,000,000	\$2,000,000	\$0
Funding Sources							
260 DIF Water Supply FAC	\$0	\$0	\$0	\$0	\$2,000,000	\$2,000,000	\$0
Total Funding:	\$0	\$0	\$0	\$0	\$2,000,000	\$2,000,000	\$0

City of Tulare
2017-2022 Projects Budget
SEWER/WASTEWATER PROJECTS

Five Year List:

SW0006 (SW2016-1)	Alley Sewer Main Replacement
SW0007 (SW2016-2)	Electrical Control System Upgrade
SW0008 (SW2016-3)	Lift Station Upgrades
SW0009 (SW2016-4)	Manhole Rehabilitation
SW0010 (SW2016-5)	New 3/4 Ton Pickup Truck
SW0011 (SW2016-6)	Sewer Hansen Replacement
SW0012 (SW2016-7)	Unit 971 Replacement CCTV Truck
WW0023 (WW2016-1)	Lagoon Aerator Rehabilitation
WW0024 (WW2016-2)	Total Bar Rake Overhaul
WW0025 (WW2016-3)	Instrumentation, Controls for Domestic Treatment
WW0026 (WW2016-4)	New High Solids System
WW0027 (WW2016-5)	Industrial Wastewater Treatment Facility Instrumentation
WW0028 (WW2016-6)	Methanol Control System Upgrade
WW0029 (WW2016-7)	Polymer Mixing Skid System Addition
WW0030 (WW2016-8)	Primary Clarifier Floatable Collector Mechanisms
WW0031 (WW2016-9)	Wet Well Discharge Pit Resurfacing
WW2016-10 (Future Project)	Influent Hadworks Bar Screen Rehab
WW2016-11 (Future Project)	Digester Resurfacing
WW2016-12 (Future Project)	Dissolved Air Floatation System
WW2016-13 (Future Project)	ER2 Generator Rehab
WW2016-14 (Future Project)	Generator ER5 Rehabilitation
WW2016-15 (Future Project)	Influent Headworks - Sandblast and Paint
WW2016-16 (Future Project)	Industrial Digesters Mixing Pumps Rehab
WW2016-17 (Future Project)	Pumps Sand Blasting and Painting
WW2016-18 (Future Project)	Replace Dissolved Oxygen Meters
WW2016-19 (Future Project)	Replace Solids Meters
WW2016-20 (Future Project)	Return Activated Sludge Pump Replacement
WW2016-21 (Future Project)	Scum and Sludge Pump Rehab
WW2016-22 (Future Project)	Effluent Discharge Lagoon Gate Replacement
WW2016-23 (Future Project)	Aeration Piping and Valve Rehabilitation
WW2016-24 (Future Project)	WWTP Facility Upgrades
WW2016-25 (Future Project)	Facility Digesters Rehabilitation
WW2016-26 (Future Project)	Blower System Rehabilitation
WW2016-27 (Future Project)	Aeration Decanting System Rehab
WW2016-28 (Future Project)	Pipe and Motor Sandblast - Paint
WW2016-29 (Future Project)	Discharge System Resurfacing
WW2016-30 (Future Project)	Gas Skid Equipment Rehab
WW2016-31 (Future Project)	Gravity Belt Control System Rehab
WW2016-32 (Future Project)	Influent Headworks Electrical System Inspection
WW2016-33 (Future Project)	Influent Pump and Motor Rehab
WW2016-34 (Future Project)	Internal Weir Adjustment and Resurfacing
WW2016-35 (Future Project)	Aeration Lagoon Evaluation
WW2016-36 (Future Project)	Odor Control Instrumentation Upgrade
WW2016-37 (Future Project)	Septage State Station Lining

WW2016-38 (Future Project)	Septage Station Rehab
WW2016-39 (Future Project)	Clean, Sandblast, Paint, Inspect SBR
WW2016-40 (Future Project)	Piping Sandblasting and Painting
WW2016-41 (Future Project)	Lab Refurbishment
WW2016-42 (Future Project)	Grit System Rehabilitation
WW2016-43 (Future Project)	Anoxic Tank Inspection
WW2016-44 (Future Project)	Anoxic Tank Resurfacing
WW2016-45 (Future Project)	Fog Daft System Rehabilitation

PROJECT EXPENSES	FISCAL YEARS					Grand Total
	2017-2018	2018-2019	2019-2020	2020-2021	2021-2022	
Sewer	\$1,020,000	\$925,000	\$900,000	\$900,000	\$900,000	\$4,645,000
Alley Sewer Main Replacemer	\$150,000	\$150,000	\$150,000	\$150,000	\$150,000	\$750,000
Electrical Control System Upg	\$150,000	\$150,000	\$150,000	\$150,000	\$150,000	\$750,000
Lift Station Upgrades	\$225,000	\$475,000	\$450,000	\$450,000	\$450,000	\$2,050,000
Manhole Rehabilitation	\$150,000	\$150,000	\$150,000	\$150,000	\$150,000	\$750,000
New 3/4 Ton Pickup Truck	\$35,000					\$35,000
Sewer Hansen Replacement	\$85,000					\$85,000
Unit 971 Replacement CCTV T	\$225,000					\$225,000
Wastewater (Domestic & Industrial)		\$250,000	\$2,165,500	\$250,000	\$250,000	\$2,915,500
Influent Headworks Electrical System Inspection			\$5,500			\$5,500
Lab Refurbishment			\$1,660,000			\$1,660,000
WWTP Facility Upgrades		\$250,000	\$500,000	\$250,000	\$250,000	\$1,250,000
Wastewater Domestic	\$117,500	\$1,136,000	\$341,000	\$142,500	\$385,000	\$2,122,000
Anoxic Tank Inspection					\$80,000	\$80,000
Anoxic Tank Resurfacing					\$305,000	\$305,000
Generator ER5 Rehabilitation		\$305,000				\$305,000
Gravity Belt Control System Rehab			\$78,000			\$78,000
Grit System Rehabilitation				\$105,000		\$105,000
Influent Headworks Bar Screen Rehab		\$225,000				\$225,000
Influent Pump and Motor Rehab			\$185,000			\$185,000
Instrumentation, Controls for	\$80,000					\$80,000
Primary Clarifier Floatable Co	\$37,500			\$37,500		\$75,000
Pumps Sand Blasting and Painting		\$16,000				\$16,000
Return Activated Sludge Pump Replacement		\$505,000				\$505,000
Scum and Sludge Pump Rehab		\$85,000				\$85,000
Septage State Station Lining			\$78,000			\$78,000
Wastewater Industrial	\$1,032,000	\$1,704,000	\$1,198,500	\$26,000	\$314,500	\$4,275,000
Aeration Decanting System Rehab			\$62,000			\$62,000
Aeration Lagoon Evaluation			\$155,000			\$155,000
Aeration Piping and Valve Rehabilitation		\$155,000				\$155,000
Blower System Rehabilitation			\$380,000			\$380,000
Clean, Sandblast, Paint, Inspect SBR			\$105,000			\$105,000
Digester Resurfacing		\$355,000				\$355,000
Discharge System Resurfacing			\$22,000			\$22,000
Dissolved Air Flotation System		\$261,500				\$261,500
Effluent Discharge Lagoon Gate Replacement		\$185,000				\$185,000
ER2 Generator Rehab		\$90,000				\$90,000
Facility Digesters Rehabilitation		\$555,000				\$555,000
Fog Daft System Rehabilitation					\$255,000	\$255,000

Gas Skid Equipment Rehab			\$35,500			\$35,500
Industrial Digesters Mixing Pumps Rehab		\$10,500				\$10,500
Industrial Wastewater Treatr	\$152,000					\$152,000
Influent Headworks - Sandblast and Paint		\$32,500				\$32,500
Internal Weir Adjustment and Resurfacing			\$78,000			\$78,000
Lagoon Aerator Rehabilitator	\$51,000	\$26,000	\$26,000	\$26,000	\$26,000	\$155,000
Methanol Control System Upg	\$37,000					\$37,000
New High Solids System	\$710,000					\$710,000
Odor Control Instrumentation Upgrade			\$53,000			\$53,000
Pipe and Motor Sandblast - Paint			\$105,000			\$105,000
Piping Sandblasting and Painting			\$22,000			\$22,000
Polymer Mixing Skid System A	\$32,000					\$32,000
Replace Dissolved Oxygen Meters		\$7,500			\$7,500	\$15,000
Replace Solids Meters		\$26,000			\$26,000	\$52,000
Septage Station Rehab			\$155,000			\$155,000
Total Bar Rake Overhaul	\$23,000					\$23,000
Wet Well Discharge Pit Resurf	\$27,000					\$27,000
Grand Total	\$2,169,500	\$4,015,000	\$4,605,000	\$1,318,500	\$1,849,500	\$13,957,500

FUNDING SOURCES	FISCAL YEARS					Grand Total
	2017-2018	2018-2019	2019-2020	2020-2021	2021-2022	
015 Wastewater Salaries	\$26,500	\$57,500	\$50,000	\$7,500	\$18,500	\$160,000
610 Water CIP Fund	\$42,000					\$42,000
615 SEWER/WASTEWATER CIP	\$2,101,000	\$3,957,500	\$4,555,000	\$1,311,000	\$1,831,000	\$13,755,500
Grand Total	\$2,169,500	\$4,015,000	\$4,605,000	\$1,318,500	\$1,849,500	\$13,957,500

SEWER PROJECT

PROJECT # SW0006	G/L ACCT # 615-4615-6815
Alley Sewer Main Replacement	
(Operations)	
(Maintenance & Repair)	
Districts 1,2,3,4,5	

PROJECT MANAGER: Timothy Doyle

PROJECT DESCRIPTION & PURPOSE: The existing alley sewer mains are under capacity , broken in many places causing exfiltration and sanitation concerns. These projects would coordinate with Streets Div. alley repair / maintenance and drainage

KEY POINTS: Replace Alley Sewer Main

PROJECT STATUS: Request for Funding 2017-2022 Cycle

PROJECTED START DATE: 7/1/2017

PROJECTED END DATE: 6/30/2022

FUTURE M & O: The ongoing M&O expense related to this project is already included in Sewer Division's annual M&O budget.
(Additional Cost & Department Responsibility)

CRITERIA (1-8): Criteria 2: Project addresses regulatory, safety, or environmental requirements that more likely than not threatens in whole or in part the City's ability to operate a core program or function within the next fiscal year if not replace or repaired.

	Fiscal Year					Total	Unfunded
	2017/2018	2018/2019	2019/2020	2020/2021	2021/2022		
Costs Description							
Contract - Labor and materials	\$135,000	\$135,000	\$135,000	\$135,000	\$135,000	\$675,000	\$0
Contignecy	\$15,000	\$15,000	\$15,000	\$15,000	\$15,000	\$75,000	\$0
	\$0	\$0	\$0	\$0	\$0	\$0	\$0
	\$0	\$0	\$0	\$0	\$0	\$0	\$0
	\$0	\$0	\$0	\$0	\$0	\$0	\$0
	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Total Costs:	\$150,000	\$150,000	\$150,000	\$150,000	\$150,000	\$750,000	\$0
Funding Sources							
615 SEWER/WASTEWATER CIP FUND	\$150,000	\$150,000	\$150,000	\$150,000	\$150,000	\$750,000	\$0
	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Total Funding:	\$150,000	\$150,000	\$150,000	\$150,000	\$150,000	\$750,000	\$0

SEWER PROJECT

PROJECT # SW0007	G/L ACCT # 615-4615-6816
Electrical Control System Upgrade	
(Capital)	
(Maintenance & Repair)	
Districts 1,2,3,4,5	

PROJECT MANAGER: Trisha Whitfield

PROJECT DESCRIPTION & PURPOSE: Upgrade electrical systems (SCADA), electrical panels at various sewer lift stations, install back up power generator at key lift stations

KEY POINTS: Upgrade electrical control system at various sewer lift stations

PROJECT STATUS: Request for Funding 2017-2022 Cycle

PROJECTED START DATE: 7/1/2017

PROJECTED END DATE: 6/30/2022

FUTURE M & O: The ongoing M&O expense related to this project is already included in Sewer Division's annual M&O budget.
(Additional Cost & Department Responsibility)

CRITERIA (1-8): Criteria 3: Project replaces a capital asset that will more likely than not reduce or eliminate the City's ability to operate a core program within the next fiscal year if not replaced or repaired.

	Fiscal Year					Total	Unfunded
	2017/2018	2018/2019	2019/2020	2020/2021	2021/2022		
Costs Description							
Contract - Labor and materials	\$130,000	\$130,000	\$130,000	\$130,000	\$130,000	\$650,000	\$0
Contingency	\$15,000	\$15,000	\$15,000	\$15,000	\$15,000	\$75,000	\$0
Project Management Time	\$5,000	\$5,000	\$5,000	\$5,000	\$5,000	\$25,000	\$0
	\$0	\$0	\$0	\$0	\$0	\$0	\$0
	\$0	\$0	\$0	\$0	\$0	\$0	\$0
	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Total Costs:	\$150,000	\$150,000	\$150,000	\$150,000	\$150,000	\$750,000	\$0
Funding Sources							
615 SEWER/WASTEWATER CIP FUND	\$150,000	\$150,000	\$150,000	\$150,000	\$150,000	\$750,000	\$0
	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Total Funding:	\$150,000	\$150,000	\$150,000	\$150,000	\$150,000	\$750,000	\$0

SEWER PROJECT

PROJECT # SW0008	G/L ACCT # 615-4615-6817
Lift Station Upgrades	
(Capital)	
(Maintenance & Repair)	
Districts 1,2,3,4,5	

PROJECT MANAGER: Trisha Whitfield

PROJECT DESCRIPTION & PURPOSE: Projects will vary in scope from motor replacements, adding spare motors for emergency failures (SSO prevention). Safety upgrades on lift stations(railing, wet well covers, fencing, painting and electrical panel protection, awnings).

KEY POINTS: Upgrades at various sewer lift stations

PROJECT STATUS: Request for Funding 2017-2022 Cycle

PROJECTED START DATE: 7/1/2017

PROJECTED END DATE: 6/30/2022

FUTURE M & O: The ongoing M&O expense related to this project is already included in Sewer Division's annual M&O budget.
(Additional Cost & Department Responsibility)

CRITERIA (1-8): Criteria 2: Project addresses regulatory, safety, or environmental requirements that more likely than not threatens in whole or in part the City's ability to operate a core program or function within the next fiscal year if not replace or repaired.

	Fiscal Year					Total	Unfunded
	2017/2018	2018/2019	2019/2020	2020/2021	2021/2022		
Costs Description							
Contract - Labor and materials	\$200,000	\$420,000	\$400,000	\$400,000	\$400,000	\$1,820,000	\$0
Contingency	\$22,000	\$48,000	\$45,000	\$45,000	\$45,000	\$205,000	\$0
Project Management Time	\$3,000	\$7,000	\$5,000	\$5,000	\$5,000	\$25,000	\$0
	\$0	\$0	\$0	\$0	\$0	\$0	\$0
	\$0	\$0	\$0	\$0	\$0	\$0	\$0
	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Total Costs:	\$225,000	\$475,000	\$450,000	\$450,000	\$450,000	\$2,050,000	\$0
Funding Sources							
615 SEWER/WASTEWATER CIP FUND	\$225,000	\$475,000	\$450,000	\$450,000	\$450,000	\$2,050,000	\$0
	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Total Funding:	\$225,000	\$475,000	\$450,000	\$450,000	\$450,000	\$2,050,000	\$0

SEWER PROJECT

PROJECT # SW0009	G/L ACCT # 615-4615-6818
Manhole Rehabilitation	
(Operations)	
(Maintenance & Repair)	
Districts 1,2,3,4,5	

PROJECT MANAGER: Timothy Doyle

PROJECT DESCRIPTION & PURPOSE: Manholes with deterioration, exposed aggregate, cracks, brick, worn frames and covers require rehabilitation or replacement to extend the life of existing collections system, and allow for maintenance safety

KEY POINTS: Manhole rehabilitation or replacement to restore integrity of manhole

PROJECT STATUS: Request for Funding 2017-2022 Cycle

PROJECTED START DATE: 7/1/2017

PROJECTED END DATE: 6/30/2022

FUTURE M & O:
(Additional Cost & Department Responsibility) The ongoing M&O expense related to this project is already included in Sewer Division's annual M&O budget.

CRITERIA (1-8): Criteria 8: Project replaces a capital asset that could reduce or eliminate the City's ability to operate a core program at some future time if it is not replaced or repaired.

	Fiscal Year					Total	Unfunded
	2017/2018	2018/2019	2019/2020	2020/2021	2021/2022		
Costs Description							
Contract - Labor and materials	\$135,000	\$135,000	\$135,000	\$135,000	\$135,000	\$675,000	\$0
Contingency	\$15,000	\$15,000	\$15,000	\$15,000	\$15,000	\$75,000	\$0
	\$0	\$0	\$0	\$0	\$0	\$0	\$0
	\$0	\$0	\$0	\$0	\$0	\$0	\$0
	\$0	\$0	\$0	\$0	\$0	\$0	\$0
	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Total Costs:	\$150,000	\$150,000	\$150,000	\$150,000	\$150,000	\$750,000	\$0
Funding Sources							
615 SEWER/WASTEWATER CIP FUND	\$150,000	\$150,000	\$150,000	\$150,000	\$150,000	\$750,000	\$0
	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Total Funding:	\$150,000	\$150,000	\$150,000	\$150,000	\$150,000	\$750,000	\$0

SEWER PROJECT

PROJECT # SW0010	G/L ACCT # 604-4604-7835
New 3/4 Ton Pickup Truck	
(Capital)	
(Equipment Replacement)	
Districts 1,2,3,4,5	

PROJECT MANAGER: Timothy Doyle

PROJECT DESCRIPTION & PURPOSE: A new 3/4 ton Pick-up needs to be purchased to replace Unit #236, which is currently used daily. Unit #236 is CNG disabled, obsolete and constantly being repaired. This will be an expansion vehicle because Unit #236 was a loaner vehicle to the division.

KEY POINTS: A new 3/4 ton pick-up with a service body will be a safer and efficient needs for Sewer collection system maintenance.

PROJECT STATUS: Request for Funding 2017-2022 Cycle

PROJECTED START DATE: 7/1/2017

PROJECTED END DATE: 12/31/2017

FUTURE M & O: This project will increase Sewer Division's M&O commencing July 2019 in the amount of \$5000 annually plus gas and mileage fees.
(Additional Cost & Department Responsibility)

CRITERIA (1-8): Criteria 3: Project replaces a capital asset that will more likely than not reduce or eliminate the City's ability to operate a core program within the next fiscal year if not replaced or repaired.

	Fiscal Year					Total	Unfunded
	2017/2018	2018/2019	2019/2020	2020/2021	2021/2022		
Costs Description							
Equipment	\$35,000	\$0	\$0	\$0	\$0	\$35,000	\$0
	\$0	\$0	\$0	\$0	\$0	\$0	\$0
	\$0	\$0	\$0	\$0	\$0	\$0	\$0
	\$0	\$0	\$0	\$0	\$0	\$0	\$0
	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Total Costs:	\$35,000	\$0	\$0	\$0	\$0	\$35,000	\$0
Funding Sources							
615 SEWER/WASTEWATER CIP FUND	\$35,000	\$0	\$0	\$0	\$0	\$35,000	\$0
	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Total Funding:	\$35,000	\$0	\$0	\$0	\$0	\$35,000	\$0

Sewer Project

615-4615-6819

PROJECT # SW0011	G/L ACCT # 610-4610-6819
Sewer Hansen Replacement	
(Capital)	
(Capital)	
Districts 1, 2, 3, 4, 5	

PROJECT MANAGER: Jason Bowling

PROJECT DESCRIPTION & PURPOSE: The Sewer division currently owns a Hansen database that is used for sewer inventory and work orders. The system is very dated. Hansen as a company no longer exists and was bought out by another company. This project will review available products and determine a replacement

KEY POINTS: Equipment replacement funding is not available for this project as it was never identified for replacement.

PROJECT STATUS: Request for Funding 2017-2022 Project Cycle

PROJECTED START DATE: 7/1/2017

PROJECTED END DATE: 12/31/2017

FUTURE M & O:
(Additional Cost & Department Responsibility) There will be additional Software maintenance cost. Actual maintenance costs will vary based on final software selected. Typically software maintenance is 10% to 20% of the software cost. In this case it is anticipated to be between \$3000 and \$6000 annually commencing July 1, 2018, if a traditional client/server product is purchased. It is also possible that a Software as a Service product could be purchased and implementation cost will be lower and recurring cost higher, as that is the trend with SAS model solutions. Responsible Department: Wastewater/Sewer and Water.

CRITERIA (1-8): Criteria 2: Project addresses regulatory, safety, or environmental requirements that more likely than not threatens in whole or in part the City's ability to operate a core program or function within the next fiscal year if not replace or repaired.

Costs Description	Fiscal Year					Total	Unfunded
	2017/2018	2018/2019	2019/2020	2020/2021	2021/2022		
IT Staff Time	\$5,000	\$0	\$0	\$0	\$0	\$5,000	\$0
Software	\$30,000	\$0	\$0	\$0	\$0	\$30,000	\$0
Professional Services	\$50,000	\$0	\$0	\$0	\$0	\$50,000	\$0
	\$0	\$0	\$0	\$0	\$0	\$0	\$0
	\$0	\$0	\$0	\$0	\$0	\$0	\$0
	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Total Costs:	\$85,000	\$0	\$0	\$0	\$0	\$85,000	\$0
Funding Sources							
610 Water CIP	\$42,000	\$0	\$0	\$0	\$0	\$42,000	\$0
615 Wastewater/Sewer CIP	\$43,000	\$0	\$0	\$0	\$0	\$43,000	\$0
Total Funding:	\$85,000	\$0	\$0	\$0	\$0	\$85,000	\$0

SEWER PROJECT

PROJECT # SW0012	G/L ACCT # 604-4604-7837
Unit 971 Replacement CCTV Truck	
(Capital)	
(Equipment Replacement)	
Districts 1,2,3,4,5	

PROJECT MANAGER: Timothy Doyle

PROJECT DESCRIPTION & PURPOSE: Current CCTV system is outdated, obsolete, constantly being repaired. It currently is mounted in a trailer that requires a truck to pull it around. New system will be in a van which will be more compact, safer and efficient.

KEY POINTS: Replace unit 971 with new CCTV equipment and vehicle (van)

PROJECT STATUS: Request for Funding 2017-2022 Cycle

PROJECTED START DATE: 7/1/2017

PROJECTED END DATE: 6/30/2018

FUTURE M & O: This project will increase Sewer Division's M&O commencing July 2020 in the amount of \$32,000 annually plus gas and mileage fees.
(Additional Cost & Department Responsibility)

CRITERIA (1-8): Criteria 3: Project replaces a capital asset that will more likely than not reduce or eliminate the City's ability to operate a core program within the next fiscal year if not replaced or repaired.

Costs Description	Fiscal Year					Total	Unfunded
	2017/2018	2018/2019	2019/2020	2020/2021	2021/2022		
Equipment	\$225,000		\$0	\$0	\$0	\$225,000	\$0
	\$0	\$0	\$0	\$0	\$0	\$0	\$0
	\$0	\$0	\$0	\$0	\$0	\$0	\$0
	\$0	\$0	\$0	\$0	\$0	\$0	\$0
	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Total Costs:	\$225,000	\$0	\$0	\$0	\$0	\$225,000	\$0
Funding Sources							
615 SEWER/WASTEWATER CIP FUND	\$225,000	\$0	\$0	\$0	\$0	\$225,000	\$0
	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Total Funding:	\$225,000	\$0	\$0	\$0	\$0	\$225,000	\$0

Sewer Project

PROJECT # WW0023	G/L ACCT # 615-4615-6820
Lagoon Aerator Rehabilitation	
(Capital)	
(Capital)	
Districts 1,2,3,4,5	

PROJECT MANAGER: Josh Rogers

PROJECT DESCRIPTION & PURPOSE: Currently there are 30 sixty horse power aerators divided equally within 5 lagoons. These units have been maintained by staff but never totally rehabilitated. This project is scheduled for 5 years at a total cost of \$150,000, five thousand per aerator. During the first year of the program 10 of the units will be rehabilitated and every year there after 5 units.

KEY POINTS: The aerators need to be updated to newer and more efficient models. These aerators use significant amounts of energy and can be replaced with more effective models that will give the lagoons overall better treatment.

PROJECT STATUS: Request for Funding 2017-2022 Project Cycle

PROJECTED START DATE: 7/1/2017

PROJECTED END DATE: 6/30/2022

FUTURE M & O: The ongoing M&O expense related to this project is already included in Wastewater Treatment Division's annual M&O budget.
(Additional Cost & Department Responsibility)

CRITERIA (1-8): Criteria 2: Project addresses regulatory, safety, or environmental requirements that more likely than not threatens in whole or in part the City's ability to operate a core program or function within the next fiscal year if not replace or repaired.

	Fiscal Year					Total	Unfunded
	2017/2018	2018/2019	2019/2020	2020/2021	2021/2022		
Costs Description							
contract & labor	\$45,455	\$22,727	\$22,727	\$22,727	\$22,727	\$136,363	\$0
contingency - 10%	\$4,545	\$2,273	\$2,273	\$2,273	\$2,273	\$13,637	\$0
Staff Time	\$1,000	\$1,000	\$1,000	\$1,000	\$1,000	\$5,000	\$0
	\$0	\$0	\$0	\$0	\$0	\$0	\$0
	\$0	\$0	\$0	\$0	\$0	\$0	\$0
	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Total Costs:	\$51,000	\$26,000	\$26,000	\$26,000	\$26,000	\$155,000	\$0
Funding Sources							
615 SEWER/WASTEWATER CIP FUND	\$50,000	\$25,000	\$25,000	\$25,000	\$25,000	\$150,000	\$0
015 Wastewater Salaries	\$1,000	\$1,000	\$1,000	\$1,000	\$1,000	\$5,000	\$0
Total Funding:	\$51,000	\$26,000	\$26,000	\$26,000	\$26,000	\$155,000	\$0

Sewer Project

PROJECT # WW0024	G/L ACCT # 615-4615-6821
Total Bar Rake Overhaul	
(Operations)	
(Maintenance & Repair)	
Districts 1,2,3,4,5	

PROJECT MANAGER: Josh Rogers

PROJECT DESCRIPTION & PURPOSE: These bar screens remove the larger articles from the wastewater stream prior to the flow entering into the system. For the most part these are non-digestible rags and debris that could prove to be problematic for the pumps. This is to provide for the repair of the rakes as per the manufacturers recommendations.

KEY POINTS: This piece of equipment needs to be overhauled within a certain time period according to manufacturers recommendation. This time period has lapsed and the equipment is on borrowed time.

PROJECT STATUS: Request for Funding 2017-2012 Project Cycle

PROJECTED START DATE: 10/1/2017

PROJECTED END DATE: 12/31/2017

FUTURE M & O: The ongoing M&O expense related to this project is already included in Wastewater Treatment Division's annual M&O budget.
(Additional Cost & Department Responsibility)

CRITERIA (1-8): Criteria 2: Project addresses regulatory, safety, or environmental requirements that more likely than not threatens in whole or in part the City's ability to operate a core program or function within the next fiscal year if not replace or repaired.

	Fiscal Year					Total	Unfunded
	2017/2018	2018/2019	2019/2020	2020/2021	2021/2022		
Costs Description							
Contract - Labor & Maintenance	\$20,000	\$0	\$0	\$0	\$0	\$20,000	\$0
Contingency 10%	\$2,000	\$0	\$0	\$0	\$0	\$2,000	\$0
Staff Time	\$1,000	\$0	\$0	\$0	\$0	\$1,000	\$0
	\$0	\$0	\$0	\$0	\$0	\$0	\$0
	\$0	\$0	\$0	\$0	\$0	\$0	\$0
	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Total Costs:	\$23,000	\$0	\$0	\$0	\$0	\$23,000	\$0
Funding Sources							
615 SEWER/WASTEWATER CIP FUND	\$22,000	\$0	\$0	\$0	\$0	\$22,000	\$0
015 Waste Water Salaries	\$1,000	\$0	\$0	\$0	\$0	\$1,000	\$0
Total Funding:	\$23,000	\$0	\$0	\$0	\$0	\$23,000	\$0

Sewer Project

PROJECT # WW0025	G/L ACCT # 615-4615-6822
Instrumentation, Controls for Domestic Treatment	
(Capital)	
(Capital)	
Districts 1,2,3,4,5	

PROJECT MANAGER: Josh Rogers

PROJECT DESCRIPTION & PURPOSE: The anoxic and aerations basins of the domestic wastewater treatment plant do not include instrumentation that could be used by the operational staff to better control the treatment processes. The basins are designed to convert ammonia to nitrates and then convert the nitrates to elemental nitrogen thereby reducing environmental impact.

KEY POINTS: A nitrate and ammonia analyzers are needed in order to measure the levels of these constituent and maximize operational performances.

PROJECT STATUS: Request for Funding 2017-2022 Project Cycle

PROJECTED START DATE: 7/1/2017

PROJECTED END DATE: 1/31/2018

FUTURE M & O: The ongoing M&O expense related to this project is already included in Wastewater Treatment Division's annual M&O budget.
(Additional Cost & Department Responsibility)

CRITERIA (1-8): Criteria 2: Project addresses regulatory, safety, or environmental requirements that more likely than not threatens in whole or in part the City's ability to operate a core program or function within the next fiscal year if not replace or repaired.

	Fiscal Year					Total	Unfunded
	2017/2018	2018/2019	2019/2020	2020/2021	2021/2022		
Costs Description							
Contract - Labor & Equipment	\$68,182	\$0	\$0	\$0	\$0	\$68,182	\$0
C&L contingency	\$6,818	\$0	\$0	\$0	\$0	\$6,818	\$0
Staff Time	\$5,000	\$0	\$0	\$0	\$0	\$5,000	\$0
	\$0	\$0	\$0	\$0	\$0	\$0	\$0
	\$0	\$0	\$0	\$0	\$0	\$0	\$0
	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Total Costs:	\$80,000	\$0	\$0	\$0	\$0	\$80,000	\$0
Funding Sources							
615 SEWER/WASTEWATER CIP FUND	\$75,000	\$0	\$0	\$0	\$0	\$75,000	\$0
015 Waste Water Fund - Salaries	\$5,000	\$0	\$0	\$0	\$0	\$5,000	\$0
Total Funding:	\$80,000	\$0	\$0	\$0	\$0	\$80,000	\$0

Sewer Project

PROJECT # WW0026	G/L ACCT # 615-4615-6823
New High Solids System	
(Capital)	
(Capital)	
Districts 1,2,3,4,5	

PROJECT MANAGER: Bruno Huerta

PROJECT DESCRIPTION & PURPOSE: In fiscal year 2015 a solids handling study was performed and as a result of that study a new high solids alternative will be suggested. It is anticipated that the study will reveal that the best process for the Tulare wastewater treatment facility will be centrifuges. Three units will be required to meet the solids disposal needs of the facility. The units purchased will be required to provide a minimum solid concentration of (30%) thirty percent.

KEY POINTS: The current drying and storage capabilities are not adequate for the amount of solids that are currently being processed.

PROJECT STATUS: Request for Funding 2017-2022 Project Cycle

PROJECTED START DATE: 7/1/2017

PROJECTED END DATE: 10/1/2017

FUTURE M & O: The ongoing M&O expense related to this project is already included in Wastewater Treatment Division's annual M&O budget.
(Additional Cost & Department Responsibility)

CRITERIA (1-8): Criteria 2: Project addresses regulatory, safety, or environmental requirements that more likely than not threatens in whole or in part the City's ability to operate a core program or function within the next fiscal year if not replaced or repaired.

Costs Description	Fiscal Year					Total	Unfunded
	2017/2018	2018/2019	2019/2020	2020/2021	2021/2022		
Contract - Labor & Equipment	\$636,364	\$0	\$0	\$0	\$0	\$636,364	\$0
C&L contingency	\$63,636	\$0	\$0	\$0	\$0	\$63,636	\$0
Staff Time	\$10,000	\$0	\$0	\$0	\$0	\$10,000	\$0
	\$0	\$0	\$0	\$0	\$0	\$0	\$0
	\$0	\$0	\$0	\$0	\$0	\$0	\$0
	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Total Costs:	\$710,000	\$0	\$0	\$0	\$0	\$710,000	\$0
Funding Sources							
615 SEWER/WASTEWATER CIP FUND	\$700,000	\$0	\$0	\$0	\$0	\$700,000	\$0
015 Waste water Fund - Salaries	\$10,000	\$0	\$0	\$0	\$0	\$10,000	\$0
Total Funding:	\$710,000	\$0	\$0	\$0	\$0	\$710,000	\$0

Sewer Project

PROJECT # WW0027	G/L ACCT # 615-4615-6824
Industrial Wastewater Treatment Facility Instrumentation	
(Capital)	
(Capital)	
Districts 1,2,3,4,5	

PROJECT MANAGER: Josh Rogers

PROJECT DESCRIPTION & PURPOSE: The Sequence Batch Reactor basins of the Industrial Wastewater Treatment Plant do not include instrumentation that could be used by the operational staff to better control the treatment processes. The basins are designed to convert ammonia to nitrates and then convert the nitrates to elemental nitrogen thereby reducing environmental impact.

KEY POINTS: A nitrate and ammonia analyzers are needed in order to measure the levels of these constituent and maximize operational performance.

PROJECT STATUS: Request for Funding 2017-2022 Project Cycle

PROJECTED START DATE: 7/1/2017

PROJECTED END DATE: 8/31/2017

FUTURE M & O: The ongoing M&O expense related to this project is already included in Wastewater Treatment Division's annual M&O budget.
(Additional Cost & Department Responsibility)

CRITERIA (1-8): Criteria 2: Project addresses regulatory, safety, or environmental requirements that more likely than not threaten in whole or in part the City's ability to operate a core program or function within the next fiscal year, if not replaced or repaired.

	Fiscal Year					Total	Unfunded
	2017/2018	2018/2019	2019/2020	2020/2021	2021/2022		
Costs Description							
Contract - Labor & Equipment	\$136,364	\$0	\$0	\$0	\$0	\$136,364	\$0
contingency - 10%	\$13,636	\$0	\$0	\$0	\$0	\$13,636	\$0
Staff Time	\$2,000	\$0	\$0	\$0	\$0	\$2,000	\$0
	\$0	\$0	\$0	\$0	\$0	\$0	\$0
	\$0	\$0	\$0	\$0	\$0	\$0	\$0
	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Total Costs:	\$152,000	\$0	\$0	\$0	\$0	\$152,000	\$0
Funding Sources							
615 SEWER/WASTEWATER CIP FUND	\$150,000	\$0	\$0	\$0	\$0	\$150,000	\$0
015 Wastewater Salaries	\$2,000	\$0	\$0	\$0	\$0	\$2,000	\$0
Total Funding:	\$152,000	\$0	\$0	\$0	\$0	\$152,000	\$0

Sewer Project

PROJECT # WW0028	G/L ACCT # 615-4615-6825
Methanol Control System Upgrade	
(Capital)	
(Capital)	
District 1,2,3,4,5	

PROJECT MANAGER: Bruno Huerta

PROJECT DESCRIPTION & PURPOSE: This is to rebuild or replace the methanol system for the denitrification filters. The addition of the correct dosage of methanol is critical to the operation of the filters which enables us to meet the discharge requirements. Failure to meet discharge leads to monetary fines from the State.

KEY POINTS: The system that controls the distribution of methanol will need to be replaced with an updated system. This will allow for a more controlled chemical distribution system in return would be more cost effective.

PROJECT STATUS: Request for funding 2017-2022 Project Cycle.

PROJECTED START DATE: 7/1/2017

PROJECTED END DATE: 9/31/2017

FUTURE M & O: The ongoing M&O expense related to this project is already included in Wastewater Treatment Division's annual M&O budget.
(Additional Cost & Department Responsibility)

CRITERIA (1-8): Criteria 2: Project addresses regulatory, safety, or environmental requirements that more likely than not threatens in whole or in part the City's ability to operate a core program or function within the next fiscal year if not replace or repaired.

	Fiscal Year					Total	Unfunded
	2017/2018	2018/2019	2019/2020	2020/2021	2021/2022		
Costs Description							
Contract - Labor & Equipment	\$31,818	\$0	\$0	\$0	\$0	\$31,818	\$0
contingency - 10%	\$3,182	\$0	\$0	\$0	\$0	\$3,182	\$0
Staff Time	\$2,000	\$0	\$0	\$0	\$0	\$2,000	\$0
	\$0	\$0	\$0	\$0	\$0	\$0	\$0
	\$0	\$0	\$0	\$0	\$0	\$0	\$0
	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Total Costs:	\$37,000	\$0	\$0	\$0	\$0	\$37,000	\$0
Funding Sources							
615 SEWER/WASTEWATER CIP FUND	\$35,000	\$0	\$0	\$0	\$0	\$35,000	\$0
015 Wastewater Salaries	\$2,000	\$0	\$0	\$0	\$0	\$2,000	\$0
Total Funding:	\$37,000	\$0	\$0	\$0	\$0	\$37,000	\$0

Sewer Project

PROJECT # WW0029	G/L ACCT # 615-4615-6826
Polymer Mixing Skid System Addition	
(Capital)	
(Capital)	
District 1,2,3,4,5	

PROJECT MANAGER: Bruno Huerta

PROJECT DESCRIPTION & PURPOSE: This is to provide for the replacement of the polymer mixing system at the Sludge DAF's. Currently we have 2 pumps that are both used intermittently for the proper wasting from the SBR WAS storage tank. We will need to replace these units with a more efficient system that will adjust the dosage to the incoming flow automatically.

KEY POINTS: The polymer system helps to coagulate the biosolids and remove water for further treatment. If the system is not replaced periodically the chance of failure increases.

PROJECT STATUS: Request for Funding 2017-2022 Project Cycle

PROJECTED START DATE: 8/31/2017

PROJECTED END DATE: 12/31/2017

FUTURE M & O: The ongoing M&O expense related to this project is already included in Wastewater Treatment Division's annual M&O budget.
(Additional Cost & Department Responsibility)

CRITERIA (1-8): Criteria 2: Project addresses regulatory, safety, or environmental requirements that more likely than not threatens in whole or in part the City's ability to operate a core program or function within the next fiscal year if not replace or repaired.

	Fiscal Year					Total	Unfunded
	2017/2018	2018/2019	2019/2020	2020/2021	2021/2022		
Costs Description							
Contract - Labor & Equipment	\$27,273	\$0	\$0	\$0	\$0	\$27,273	\$0
contingency - 10%	\$2,727	\$0	\$0	\$0	\$0	\$2,727	\$0
Staff Time	\$2,000	\$0	\$0	\$0	\$0	\$2,000	\$0
	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Total Costs:	\$32,000	\$0	\$0	\$0	\$0	\$32,000	\$0
Funding Sources							
615 SEWER/WASTEWATER CIP FUND	\$30,000	\$0	\$0	\$0	\$0	\$30,000	\$0
015 Wastewater Salaries	\$2,000	\$0	\$0	\$0	\$0	\$2,000	\$0
Total Funding:	\$32,000	\$0	\$0	\$0	\$0	\$32,000	\$0

Sewer Project

PROJECT # WW0030	G/L ACCT # 615-4615-6827
Primary Clarifier Floatable Collector Mechanisms	
(Operations)	
(Maintenance & Repair)	
District 1,2,3,4,5	

PROJECT MANAGER: Bruno Huerta

PROJECT DESCRIPTION & PURPOSE: The primary collector mechanism removes all the floating materials that have accumulated at the surface of the primary clarifiers. These units include flights and chains to move the floatable material to the end of the clarifiers where it will then be removed by pumping the material to the anaerobic digesters. The mechanisms are critical to avoid non-compliance and downstream contamination from floating material. The units must be rehabilitated every 3 years per manufacturer's recommendations.

KEY POINTS: The collecting mechanisms need to be replaced for proper operation.

PROJECT STATUS: Request for Funding 2017-2022 Project Cycle

PROJECTED START DATE: 7/1/2017

PROJECTED END DATE: 11/31/2017

FUTURE M & O: The ongoing M&O expense related to this project is already included in Wastewater Treatment Division's annual M&O budget.
(Additional Cost & Department Responsibility)

CRITERIA (1-8): Criteria 2: Project addresses regulatory, safety, or environmental requirements that more likely than not threatens in whole or in part the City's ability to operate a core program or function within the next fiscal year if not replace or repaired.

	Fiscal Year					Total	Unfunded
	2017/2018	2018/2019	2019/2020	2020/2021	2021/2022		
Costs Description							
Contract - Labor & Maintenance	\$32,727	\$0	\$0	\$32,727	\$0	\$65,454	\$0
contingency - 10%	\$3,273	\$0	\$0	\$3,273	\$0	\$6,546	\$0
Staff Time	\$1,500	\$0	\$0	\$1,500	\$0	\$3,000	\$0
	\$0	\$0	\$0	\$0	\$0	\$0	\$0
	\$0	\$0	\$0	\$0	\$0	\$0	\$0
	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Total Costs:	\$37,500	\$0	\$0	\$37,500	\$0	\$75,000	\$0
Funding Sources							
615 Sewer/Wastewater CIP Fund	\$36,000	\$0	\$0	\$36,000	\$0	\$72,000	\$0
015 Wastewater Salaries	\$1,500	\$0	\$0	\$1,500	\$0	\$3,000	\$0
Total Funding:	\$37,500	\$0	\$0	\$37,500	\$0	\$75,000	\$0

Sewer Project

PROJECT # WW0031	G/L ACCT # 615-4615-6828
Wet Well Discharge Pit Resurfacing	
(Operations)	
(Maintenance & Repair)	
District 1,2,3,4,5	

PROJECT MANAGER: Bruno Huerta

PROJECT DESCRIPTION & PURPOSE: The constant contact with grease on the wet well is causing the cement to start breaking down. The cement needs to be cleaned and treated to prevent any further breakdown of the material. The high strength influent with occasional low pH's has had a negative effect on the surface. Failure of the cement in these areas will eventually lead to rocks being introduced into the flow stream.

KEY POINTS: Wet well has deteriorated over time and needs to be drained and cleaned.

PROJECT STATUS: Request for Funding 2017-2022 Project Cycle

PROJECTED START DATE: 7/1/2017

PROJECTED END DATE: 1/31/2017

FUTURE M & O: The ongoing M&O expense related to this project is already included in Wastewater Treatment Division's annual M&O budget.
(Additional Cost & Department Responsibility)

CRITERIA (1-8):

Criteria 2: Project addresses regulatory, safety, or environmental requirements that more likely than not threatens in whole or in part the City's ability to operate a core program or function within the next fiscal year if not replace or repaired.

	Fiscal Year					Total	Unfunded
	2017/2018	2018/2019	2019/2020	2020/2021	2021/2022		
Costs Description							
Contract - Labor & Maintenance	\$22,727	\$0	\$0	\$0	\$0	\$22,727	\$0
contingency	\$2,273	\$0	\$0	\$0	\$0	\$2,273	\$0
Staff Time	\$2,000	\$0	\$0	\$0	\$0	\$2,000	\$0
	\$0	\$0	\$0	\$0	\$0	\$0	\$0
	\$0	\$0	\$0	\$0	\$0	\$0	\$0
	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Total Costs:	\$27,000	\$0	\$0	\$0	\$0	\$27,000	\$0
Funding Sources							
615 SEWER/WASTEWATER CIP FUND	\$25,000	\$0	\$0	\$0	\$0	\$25,000	\$0
015 Wastewater Salaries	\$2,000	\$0	\$0	\$0	\$0	\$2,000	\$0
Total Funding:	\$27,000	\$0	\$0	\$0	\$0	\$27,000	\$0

Sewer Project

PROJECT # WW2016-10
Influent Headworks Bar Screen Rehab
(Operations)
(Maintenance & Repair)
District 1,2,3,4,5

PROJECT MANAGER: Josh Rogers

PROJECT DESCRIPTION & PURPOSE: Domestic plant has 2 automatic bar screens that remove large material from the raw influent flow to protect downstream equipment. These units must be rehabilitated every 5 years.

KEY POINTS: Rehabilitation prevents treatment process failure and constituent limit permit problems.

PROJECT STATUS: Request for Funding 2017-2022 Project Cycle

PROJECTED START DATE: 10/1/2018

PROJECTED END DATE: 12/31/2018

FUTURE M & O: None.
(Additional Cost & Department Responsibility)

CRITERIA (1-8): Criteria 7: Project addresses regulatory, safety, or environmental requirements that could threaten in whole or in part the City's ability to operate a core program or function at some future time if not replaced or repaired.

	Fiscal Year					Total	Unfunded
	2017/2018	2018/2019	2019/2020	2020/2021	2021/2022		
Costs Description							
Contract - Labor & Maintenance	\$0	\$200,000	\$0	\$0	\$0	\$200,000	\$0
C&L Contingency	\$0	\$20,000	\$0	\$0	\$0	\$20,000	\$0
staff time	\$0	\$5,000	\$0	\$0	\$0	\$5,000	\$0
	\$0	\$0	\$0	\$0	\$0	\$0	\$0
	\$0	\$0	\$0	\$0	\$0	\$0	\$0
	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Total Costs:	\$0	\$225,000	\$0	\$0	\$0	\$225,000	\$0
Funding Sources							
615 SEWER/WASTEWATER CIP FUND	\$0	\$220,000	\$0	\$0	\$0	\$220,000	\$0
015 Waste Water Fund - Salaries	\$0	\$5,000	\$0	\$0	\$0	\$5,000	\$0
Total Funding:	\$0	\$225,000	\$0	\$0	\$0	\$225,000	\$0

Sewer Project

PROJECT # WW2016-11
Digester Resurfacing
(Operations)
(Maintenance & Repair)
District 1,2,3,4,5

PROJECT MANAGER: Josh Rogers

PROJECT DESCRIPTION & PURPOSE: Industrial wastewater treatment plant has 3 anaerobic digesters, these digesters require internal resurfacing and solids removal to maintain system capacity.

KEY POINTS: Will prevent improper mixing, temperature and will continue to operate in the mesophilic range

PROJECT STATUS: Request for Funding 2017-2022 Project Cycle

PROJECTED START DATE: 7/1/2018

PROJECTED END DATE: 6/30/2019

FUTURE M & O: None.
(Additional Cost & Department Responsibility)

CRITERIA (1-8): Criteria 2: Project addresses regulatory, safety, or environmental requirements that more likely than not threatens in whole or in part the City's ability to operate a core program or function within the next fiscal year if not replace or repaired.

Costs Description	Fiscal Year					Total	Unfunded
	2017/2018	2018/2019	2019/2020	2020/2021	2021/2022		
Labor and equipment	\$0	\$318,182	\$0	\$0	\$0	\$318,182	\$0
C&L contingency - 10%	\$0	\$31,818	\$0	\$0	\$0	\$31,818	\$0
staff Time	\$0	\$5,000	\$0	\$0	\$0	\$5,000	\$0
	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Total Costs:	\$0	\$355,000	\$0	\$0	\$0	\$355,000	\$0
Funding Sources							
615 SEWER/WASTEWATER CIP FUND	\$0	\$350,000	\$0	\$0	\$0	\$350,000	\$0
015 Waste Water Fund - Salaries	\$0	\$5,000	\$0	\$0	\$0	\$5,000	\$0
Total Funding:	\$0	\$355,000	\$0	\$0	\$0	\$355,000	\$0

Sewer Project

PROJECT # WW2016-12
Dissolved Air Flotation System
(Operations)
(Maintenance & Repair)
District 1,2,3,4,5

PROJECT MANAGER: Josh Rogers

PROJECT DESCRIPTION & PURPOSE: The dissolved air floatation system at the Wastewater treatment facility is an integral component to remove all the fats, oils and greases in the industrial influent flow. The fats, oils and greases are then transported to the industrial digesters to promote the production of biogas. The biogas is then converted to electrical energy which offsets purchasing electrical energy from Southern California Edison. The tanks and all components must be rehabilitated every 5 years, this project completes the rehabilitation process.

KEY POINTS: This system will need to be taken down and a professional servicer will need to be obtained in order to evaluate and repair the system. Side wall depth, aeration system, and all other mechanisms will need to be inspected and replacement parts will need to be installed.

PROJECT STATUS: Request for Funding 2017-2022 Project Cycle

PROJECTED START DATE: 9/1/2018

PROJECTED END DATE: 2/30/2019

FUTURE M & O: None.

(Additional Cost & Department Responsibility)

CRITERIA (1-8): Criteria 2: Project addresses regulatory, safety, or environmental requirements that more likely than not threatens in whole or in part the City's ability to operate a core program or function within the next fiscal year if not replace or repaired.

	Fiscal Year					Total	Unfunded
	2017/2018	2018/2019	2019/2020	2020/2021	2021/2022		
Costs Description							
Contract - Labor & Maintenance	\$0	\$233,182	\$0	\$0	\$0	\$233,182	\$0
C&L contingency	\$0	\$23,318	\$0	\$0	\$0	\$23,318	\$0
Staff Time	\$0	\$5,000	\$0	\$0	\$0	\$5,000	\$0
	\$0	\$0	\$0	\$0	\$0	\$0	\$0
	\$0	\$0	\$0	\$0	\$0	\$0	\$0
	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Total Costs:	\$0	\$261,500	\$0	\$0	\$0	\$261,500	\$0
Funding Sources							
615 SEWER/WASTEWATER CIP FUND	\$0	\$256,500	\$0	\$0	\$0	\$256,500	\$0
015 Waste water Fund - Staff Time	\$0	\$5,000	\$0	\$0	\$0	\$5,000	\$0
Total Funding:	\$0	\$261,500	\$0	\$0	\$0	\$261,500	\$0

Sewer Project

PROJECT # WW2016-13
ER2 Generator Rehab
(Operations)
(Maintenance & Repair)
District 1,2,3,4,5

PROJECT MANAGER: Josh Rogers

PROJECT DESCRIPTION & PURPOSE: The ER2 generator provides standby power to the aerated lagoons. The aerated lagoons are a pre-treatment system for the sequence batch reactors. Rehab of the ER2 generator retains its functionality.

KEY POINTS: Pretreatment of the raw influent industrial flow is a requirement to meet permitted constituent limits.

PROJECT STATUS: Request for Funding 2017-2022 Project Cycle

PROJECTED START DATE: 7/1/2018

PROJECTED END DATE: 8/31/2018

FUTURE M & O: None.
(Additional Cost & Department Responsibility)

CRITERIA (1-8): Criteria 7: Project addresses regulatory, safety, or environmental requirements that could threaten in whole or in part the City's ability to operate a core program or function at some future time if not replaced or repaired.

Costs Description	Fiscal Year					Total	Unfunded
	2017/2018	2018/2019	2019/2020	2020/2021	2021/2022		
Contract - Labor & Maintenance	\$0	\$77,273	\$0	\$0	\$0	\$77,273	\$0
C&L contingency	\$0	\$7,727	\$0	\$0	\$0	\$7,727	\$0
Staff Time	\$0	\$5,000	\$0	\$0	\$0	\$5,000	\$0
	\$0	\$0	\$0	\$0	\$0	\$0	\$0
	\$0	\$0	\$0	\$0	\$0	\$0	\$0
	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Total Costs:	\$0	\$90,000	\$0	\$0	\$0	\$90,000	\$0
Funding Sources							
615 SEWER/WASTEWATER CIP FUND	\$0	\$85,000	\$0	\$0	\$0	\$85,000	\$0
015 Waste water Fund - Salaries	\$0	\$5,000	\$0	\$0	\$0	\$5,000	\$0
Total Funding:	\$0	\$90,000	\$0	\$0	\$0	\$90,000	\$0

Sewer Project

PROJECT # WW2016-14
Generator ER5 Rehabilitation
(Capital)
(Capital)
District 1,2,3,4,5

PROJECT MANAGER: Josh Rogers

PROJECT DESCRIPTION & PURPOSE: This is a 2200Kw Cummins generator that was specifically designed to provide standby power to the domestic plant. However due to budgetary restrictions it was never tied into the system. This project will rehabilitate and require the domestic facility to provide reliable standby power.

KEY POINTS: This project will replace the generator Caterpillar #D438

PROJECT STATUS: Request for Funding 2017-2022 Project Cycle

PROJECTED START DATE: 9/1/2018

PROJECTED END DATE: 10/31/2018

FUTURE M & O: The ongoing M&O expense related to this project is already included in Wastewater Treatment Division's annual M&O budget.
(Additional Cost & Department Responsibility)

CRITERIA (1-8): Criteria 7: Project addresses regulatory, safety, or environmental requirements that could threaten in whole or in part the City's ability to operate a core program or function at some future time if not replaced or repaired.

	Fiscal Year					Total	Unfunded
	2017/2018	2018/2019	2019/2020	2020/2021	2021/2022		
Costs Description							
Contract - Labor & Maintenance	\$0	\$272,727	\$0	\$0	\$0	\$272,727	\$0
contingency - 10%	\$0	\$27,273	\$0	\$0	\$0	\$27,273	\$0
Staff time	\$0	\$5,000	\$0	\$0	\$0	\$5,000	\$0
	\$0	\$0	\$0	\$0	\$0	\$0	\$0
	\$0	\$0	\$0	\$0	\$0	\$0	\$0
	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Total Costs:	\$0	\$305,000	\$0	\$0	\$0	\$305,000	\$0
Funding Sources							
615 Wastewater CIP Fund	\$0	\$300,000	\$0	\$0	\$0	\$300,000	\$0
015 Wastewater fund - Salaries	\$0	\$5,000	\$0	\$0	\$0	\$5,000	\$0
Total Funding:	\$0	\$305,000	\$0	\$0	\$0	\$305,000	\$0

Sewer Project

PROJECT # WW2016-15
Influent Headworks - Sandblast and Paint
(Operations)
(Maintenance & Repair)
District 1,2,3,4,5

PROJECT MANAGER: Josh Rogers

PROJECT DESCRIPTION & PURPOSE: This is to ensure that the influent grit pumps and piping are maintained in an acceptable state.

KEY POINTS: This is to ensure that the influent grit pumps and piping are maintained in an acceptable state.

PROJECT STATUS: Request for Funding 2017-2022 Project Cycle

PROJECTED START DATE: 7/1/2018

PROJECTED END DATE: 8/1/2018

FUTURE M & O: None.
(Additional Cost & Department Responsibility)

CRITERIA (1-8): Criteria 7: Project addresses regulatory, safety, or environmental requirements that could threaten in whole or in part the City's ability to operate a core program or function at some future time if not replaced or repaired.

Costs Description	Fiscal Year					Total	Unfunded
	2017/2018	2018/2019	2019/2020	2020/2021	2021/2022		
Contract - Labor & Maintenance	\$0	\$27,273	\$0	\$0	\$0	\$27,273	\$0
contingency	\$0	\$2,727	\$0	\$0	\$0	\$2,727	\$0
Staff Time	\$0	\$2,500	\$0	\$0	\$0	\$2,500	\$0
	\$0	\$0	\$0	\$0	\$0	\$0	\$0
	\$0	\$0	\$0	\$0	\$0	\$0	\$0
	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Total Costs:	\$0	\$32,500	\$0	\$0	\$0	\$32,500	\$0
Funding Sources							
615 SEWER/WASTEWATER CIP FUND		\$30,000	\$0	\$0	\$0	\$30,000	\$0
015 Wastewater Salaries	\$0	\$2,500	\$0	\$0	\$0	\$2,500	\$0
Total Funding:	\$0	\$32,500	\$0	\$0	\$0	\$32,500	\$0

Sewer Project

PROJECT # WW2016-16
Industrial Digesters Mixing Pumps Rehab
(Operations)
(Maintenance & Repair)
District 1,2,3,4,5

PROJECT MANAGER: Josh Rogers

PROJECT DESCRIPTION & PURPOSE: Rehab, sandblasting and painting of Industrial Digester internal mixing pumps, motors and piping. Recurring every 7 years.

KEY POINTS: Maintains the proper mixing of the digester materials to prevent compliance problems

PROJECT STATUS: Request for Funding 2017-2022 Project Cycle

PROJECTED START DATE: 7/1/2018

PROJECTED END DATE: 2/30/2019

FUTURE M & O: None.
(Additional Cost & Department Responsibility)

CRITERIA (1-8): Criteria 7: Project addresses regulatory, safety, or environmental requirements that could threaten in whole or in part the City's ability to operate a core program or function at some future time if not replaced or repaired.

	Fiscal Year					Total	Unfunded
	2017/2018	2018/2019	2019/2020	2020/2021	2021/2022		
Costs Description							
Contract - Labor & Maintenance	\$0	\$9,091	\$0	\$0	\$0	\$9,091	\$0
contingency	\$0	\$909	\$0	\$0	\$0	\$909	\$0
Staff Time	\$0	\$500	\$0	\$0	\$0	\$500	\$0
	\$0	\$0	\$0	\$0	\$0	\$0	\$0
	\$0	\$0	\$0	\$0	\$0	\$0	\$0
	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Total Costs:	\$0	\$10,500	\$0	\$0	\$0	\$10,500	\$0
Funding Sources							
615 SEWER/WASTEWATER CIP FUND		\$10,000	\$0	\$0	\$0	\$10,000	\$0
015 Wastewater Salaries	\$0	\$500	\$0	\$0	\$0	\$500	\$0
Total Funding:	\$0	\$10,500	\$0	\$0	\$0	\$10,500	\$0

Sewer Project

PROJECT # WW2016-17
Pumps Sand Blasting and Painting
(Operations)
(Maintenance & Repair)
District 1,2,3,4,5

PROJECT MANAGER: Josh Rogers

PROJECT DESCRIPTION & PURPOSE: This project is to repaint the pumps and the piping at the domestic pump gallery. This painting will prevent the degradation of the piping and maintain the process in a neat and orderly manner.

KEY POINTS: This project is to protect the equipment from the elements and keep the life span efficient.

PROJECT STATUS: Request for Funding 2017-2022 Project Cycle

PROJECTED START DATE: 7/1/2018

PROJECTED END DATE: 10/31/2018

FUTURE M & O: None.
(Additional Cost & Department Responsibility)

CRITERIA (1-8): Criteria 7: Project addresses regulatory, safety, or environmental requirements that could threaten in whole or in part the City's ability to operate a core program or function at some future time if not replaced or repaired.

Costs Description	Fiscal Year					Total	Unfunded
	2017/2018	2018/2019	2019/2020	2020/2021	2021/2022		
Contract - Labor & Maintenance	\$0	\$13,636	\$0	\$0	\$0	\$13,636	\$0
contingency - 10%	\$0	\$1,364	\$0	\$0	\$0	\$1,364	\$0
Staff Time	\$0	\$1,000	\$0	\$0	\$0	\$1,000	\$0
	\$0	\$0	\$0	\$0	\$0	\$0	\$0
	\$0	\$0	\$0	\$0	\$0	\$0	\$0
	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Total Costs:	\$0	\$16,000	\$0	\$0	\$0	\$16,000	\$0
Funding Sources							
615 SEWER/WASTEWATER CIP FUND	\$0	\$15,000	\$0	\$0	\$0	\$15,000	\$0
015 Wastewater Salaries	\$0	\$1,000	\$0	\$0	\$0	\$1,000	\$0
Total Funding:	\$0	\$16,000	\$0	\$0	\$0	\$16,000	\$0

Sewer Project

PROJECT # WW2016-18
Replace Dissolved Oxygen Meters
(Operations)
(Maintenance & Repair)
District 1,2,3,4,5

PROJECT MANAGER: Josh Rogers

PROJECT DESCRIPTION & PURPOSE: These meters are critical to the proper operation of the plant. They control the operation of the aeration blowers for the proper nitrification of wastewater. The failure of these sensors will lead to the unnecessary overuse of the blowers which represent the single highest user of electric on the plant.

KEY POINTS:

PROJECT STATUS: Request for funding 2017 - 2022 Project Cycle

PROJECTED START DATE: 7/1/2018

PROJECTED END DATE: 6/30/2019

FUTURE M & O: The ongoing M&O expense related to this project is already included in Wastewater Treatment Division's annual M&O budget.
(Additional Cost & Department Responsibility)

CRITERIA (1-8): Criteria 2: Project addresses regulatory, safety, or environmental requirements that more likely than not threatens in whole or in part the City's ability to operate a core program or function within the next fiscal year if not replace or repaired.

	Fiscal Year					Total	Unfunded
	2017/2018	2018/2019	2019/2020	2020/2021	2021/2022		
Costs Description							
Contract - Labor & Maintenance	\$0	\$6,364	\$0	\$0	\$6,364	\$12,728	\$0
contingency	\$0	\$636	\$0	\$0	\$636	\$1,272	\$0
Staff Time	\$0	\$500	\$0	\$0	\$500	\$1,000	\$0
	\$0	\$0	\$0	\$0	\$0	\$0	\$0
	\$0	\$0	\$0	\$0	\$0	\$0	\$0
	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Total Costs:	\$0	\$7,500	\$0	\$0	\$7,500	\$15,000	\$0
Funding Sources							
615 SEWER/WASTEWATER CIP FUND	\$0	\$7,000	\$0	\$0	\$7,000	\$14,000	\$0
015 Wastewater Salaries	\$0	\$500	\$0	\$0	\$500	\$1,000	\$0
Total Funding:	\$0	\$7,500	\$0	\$0	\$7,500	\$15,000	\$0

Sewer Project

PROJECT # WW2016-19
Replace Solids Meters
(Capital)
(Maintenance & Repair)
District 1,2,3,4,5

PROJECT MANAGER: Josh Rogers

PROJECT DESCRIPTION & PURPOSE: These meters give the operations staff critical data regarding the operation of the plant. They aid in the determination of the proper level of wasting within the aeration system. Failure to waste in the correct amounts can lead to the discharge of water that doesn't meet the standards of our Waste Discharge Requirements.

KEY POINTS:

PROJECT STATUS: Request for Funding 2017-2022 Project Cycle

PROJECTED START DATE: 7/1/2018

PROJECTED END DATE: 11/30/2019

FUTURE M & O: The ongoing M&O expense related to this project is already included in Wastewater Treatment Division's annual M&O budget.
(Additional Cost & Department Responsibility)

CRITERIA (1-8): Criteria 8: Project replaces a capital asset that could reduce or eliminate the City's ability to operate a core program at some future time if it is not replaced or repaired.

Costs Description	Fiscal Year					Total	Unfunded
	2017/2018	2018/2019	2019/2020	2020/2021	2021/2022		
Contract - Labor & Maintenance	\$0	\$21,818	\$0	\$0	\$21,818	\$43,636	\$0
contingency	\$0	\$2,182	\$0	\$0	\$2,182	\$4,364	\$0
Staff Time	\$0	\$2,000	\$0	\$0	\$2,000	\$4,000	\$0
	\$0	\$0	\$0	\$0	\$0	\$0	\$0
	\$0	\$0	\$0	\$0	\$0	\$0	\$0
	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Total Costs:	\$0	\$26,000	\$0	\$0	\$26,000	\$52,000	\$0
Funding Sources							
615 SEWER/WASTEWATER CIP FUND	\$0	\$24,000	\$0	\$0	\$24,000	\$48,000	\$0
015 Wastewater Salaries	\$0	\$2,000	\$0	\$0	\$2,000	\$4,000	\$0
Total Funding:	\$0	\$26,000	\$0	\$0	\$26,000	\$52,000	\$0

Sewer Project

PROJECT # WW2016-20
Return activated sludge pump replacement
(Capital)
(Maintenance & Repair)
District 1,2,3,4,5

PROJECT MANAGER: Josh Rogers

PROJECT DESCRIPTION & PURPOSE: The return activated sludge pumps are currently at a 60% efficiency rating. Replacing the unit is most cost effective.

KEY POINTS: Pumps are costing more to run than to replace. The pumps that are in place are deteriorating.

PROJECT STATUS: Request for Funding 2017-2022 Project Cycle.

PROJECTED START DATE: 7/1/2018

PROJECTED END DATE: 1/31/2019

FUTURE M & O: The ongoing M&O expense related to this project is already included in Wastewater Treatment Division's annual M&O budget.
(Additional Cost & Department Responsibility)

CRITERIA (1-8): Criteria 7: Project addresses regulatory, safety, or environmental requirements that could threaten in whole or in part the City's ability to operate a core program or function at some future time if not replaced or repaired.

	Fiscal Year					Total	Unfunded
	2017/2018	2018/2019	2019/2020	2020/2021	2021/2022		
Costs Description							
capital replacement	\$0	\$454,545	\$0	\$0	\$0	\$454,545	\$0
contingency - 10%	\$0	\$45,455	\$0	\$0	\$0	\$45,455	\$0
Staff Time	\$0	\$5,000	\$0	\$0	\$0	\$5,000	\$0
	\$0	\$0	\$0	\$0	\$0	\$0	\$0
	\$0	\$0	\$0	\$0	\$0	\$0	\$0
	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Total Costs:	\$0	\$505,000	\$0	\$0	\$0	\$505,000	\$0
Funding Sources							
615 SEWER/WASTEWATER CIP FUND	\$0	\$500,000	\$0	\$0	\$0	\$500,000	\$0
015 Wastewater Salaries	\$0	\$5,000	\$0	\$0	\$0	\$5,000	\$0
Total Funding:	\$0	\$505,000	\$0	\$0	\$0	\$505,000	\$0

Sewer Project

PROJECT # WW2016-21
Scum and Sludge Pump Rehab
(Operations)
(Maintenance & Repair)
District 1,2,3,4,5

PROJECT MANAGER: Josh Rogers

PROJECT DESCRIPTION & PURPOSE: Primary scum and sludge pumps have never been rehabilitated and require rehabilitation every four years. The primary purpose is to remove the scum from the surface of the primaries and relocate the sludge to the primary digesters.

KEY POINTS: Primary pumps are outdated and need replacement for proper operation.

PROJECT STATUS: Request for Funding 2017-2022 Project Cycle

PROJECTED START DATE: 7/1/2018

PROJECTED END DATE: 1/31/2019

FUTURE M & O: The ongoing M&O expense related to this project is already included in Wastewater Treatment Division's annual M&O budget.
(Additional Cost & Department Responsibility)

CRITERIA (1-8): Criteria 2: Project addresses regulatory, safety, or environmental requirements that more likely than not threatens in whole or in part the City's ability to operate a core program or function within the next fiscal year if not replace or repaired.

Costs Description	Fiscal Year					Total	Unfunded
	2017/2018	2018/2019	2019/2020	2020/2021	2021/2022		
Contract - Labor & Maintenance	\$0	\$72,727	\$0	\$0	\$0	\$72,727	\$0
contingency	\$0	\$7,273	\$0	\$0	\$0	\$7,273	\$0
Staff Time	\$0	\$5,000	\$0	\$0	\$0	\$5,000	\$0
	\$0	\$0	\$0	\$0	\$0	\$0	\$0
	\$0	\$0	\$0	\$0	\$0	\$0	\$0
	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Total Costs:	\$0	\$85,000	\$0	\$0	\$0	\$85,000	\$0
Funding Sources							
615 SEWER/WASTEWATER CIP FUND	\$0	\$80,000	\$0	\$0	\$0	\$80,000	\$0
015 Wastewater Salaries	\$0	\$5,000	\$0	\$0	\$0	\$5,000	\$0
Total Funding:	\$0	\$85,000	\$0	\$0	\$0	\$85,000	\$0

Sewer Project

PROJECT # WW2016-22
Effluent Discharge Lagoon Gate Replacement
(Capital)
(Maintenance and Operations)
District 1,2,3,4,5

PROJECT MANAGER: Josh Rogers

PROJECT DESCRIPTION & PURPOSE: There are 24 sluice gates on 12 storage ponds that need to be replaced and properly installed. The gates that are currently in place do not work because of improper installation.

KEY POINTS: These gates do not hold water properly and need to be replaced and installed by a professional company.

PROJECT STATUS: Request for Funding 2017-2022 Project Cycle

PROJECTED START DATE: 7/20/2018

PROJECTED END DATE: 1/31/2019

FUTURE M & O: The ongoing M&O expense related to this project is already included in Wastewater Treatment Division's annual M&O budget.
(Additional Cost & Department Responsibility)

CRITERIA (1-8): Criteria 7: Project addresses regulatory, safety, or environmental requirements that could threaten in whole or in part the City's ability to operate a core program or function at some future time if not replaced or repaired.

	Fiscal Year					Total	Unfunded
	2017/2018	2018/2019	2019/2020	2020/2021	2021/2022		
Costs Description							
contract labor and material	\$0	\$163,636	\$0	\$0	\$0	\$163,636	\$0
contingency	\$0	\$16,364	\$0	\$0	\$0	\$16,364	\$0
Staff Time	\$0	\$5,000	\$0	\$0	\$0	\$5,000	\$0
	\$0	\$0	\$0	\$0	\$0	\$0	\$0
	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Total Costs:	\$0	\$185,000	\$0	\$0	\$0	\$185,000	\$0
Funding Sources							
615 SEWER/WASTEWATER CIP FUND	\$0	\$180,000	\$0	\$0	\$0	\$180,000	\$0
015 Wastewater Salaries	\$0	\$5,000	\$0	\$0	\$0	\$5,000	\$0
Total Funding:	\$0	\$185,000	\$0	\$0	\$0	\$185,000	\$0

Sewer Project

PROJECT # WW2016-23
Aeration Piping and Valve Rehabilitation
(Capital)
(Equipment Replacement)
District 1,2,3,4,5

PROJECT MANAGER: Josh Rogers

PROJECT DESCRIPTION & PURPOSE: This is critical to the operation of the SBR's. The improper operation of these lines and valves lead to the over use of the SBR blowers and these represent the single most costly unit to operate in the plants.

KEY POINTS: These pieces of equipment are critical to the operation and overall performance of the industrial system. If this equipment is not replaced in a timely manor, the lack of treatment will occur and the city may become out of compliance.

PROJECT STATUS: Request for Funding 2017-2022 Project Cycle

PROJECTED START DATE: 7/1/2018

PROJECTED END DATE: 6/30/2019

FUTURE M & O: The ongoing M&O expense related to this project is already included in Wastewater Treatment Division's annual M&O budget.
(Additional Cost & Department Responsibility)

CRITERIA (1-8): Criteria 7: Project addresses regulatory, safety, or environmental requirements that could threaten in whole or in part the City's ability to operate a core program or function at some future time if not replaced or repaired.

Costs Description	Fiscal Year					Total	Unfunded
	2017/2018	2018/2019	2019/2020	2020/2021	2021/2022		
Contract - Labor and materials	\$0	\$136,364	\$0	\$0	\$0	\$136,364	\$0
Contingency - 10%	\$0	\$13,636	\$0	\$0	\$0	\$13,636	\$0
Staff labor	\$0	\$5,000	\$0	\$0	\$0	\$5,000	\$0
	\$0	\$0	\$0	\$0	\$0	\$0	\$0
	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Total Costs:	\$0	\$155,000	\$0	\$0	\$0	\$155,000	\$0
Funding Sources							
615 SEWER/WASTEWATER CIP FUND		\$150,000	\$0	\$0	\$0	\$150,000	\$0
staff 015-4653-1021/1022	\$0	\$5,000	\$0	\$0	\$0	\$5,000	\$0
Total Funding:	\$0	\$155,000	\$0	\$0	\$0	\$155,000	\$0

Sewer Project

PROJECT # WW2016-24
WWTP Facility Upgrades
(Capital)
(Capital)
WWTP

PROJECT MANAGER: Joe Carlini

PROJECT DESCRIPTION & PURPOSE: This project is for planning and upgrade of the Waste Water Treatment Facility improvements. Additional funding will be necessary through FY 22/23 and FY 23/24

KEY POINTS: Upgrade existing wastewater treatment facility admin. building and related structures for additional office space and laboratory improvements

PROJECT STATUS: Request for Funding 2017-2022 Project Cycle

PROJECTED START DATE: 7/1/2017

PROJECTED END DATE: 6/30/2022

FUTURE M & O: To Be Determined
(Additional Cost & Department Responsibility)

CRITERIA (1-8): Criteria 8: Project replaces a capital asset that could reduce or eliminate the City's ability to operate a core program at some future time if it is not replaced or repaired.

Costs Description	Fiscal Year					Total	Unfunded
	2017/18	2018/19	2019/20	2020/21	2021/22		
001 - Conceptual	\$0	\$0	\$0	\$0	\$0	\$0	\$0
002 - Preliminary Design	\$0	\$0	\$0	\$0	\$0	\$0	\$0
003 - Environmental	\$0	\$0	\$0	\$0	\$0	\$0	\$0
004 - Final Design	\$0	\$250,000	\$0	\$0	\$0	\$250,000	\$0
005 - Construct/Impliment	\$0	\$0	\$500,000	\$250,000	\$250,000	\$1,000,000	\$0
006 - Close Out	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Total Costs:	\$0	\$250,000	\$500,000	\$250,000	\$250,000	\$1,250,000	\$0
Funding Sources							
Wastewater Fund 615 CIP	\$250,000	\$250,000	\$250,000	\$250,000	\$250,000	\$1,250,000	\$0
	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Total Funding:	\$0	\$0	\$0	\$0	\$0	\$1,250,000	\$0

Sewer Project

PROJECT # WW2016-25
Facility Digesters Rehabilitation
(Operations)
(Maintenance & Repair)
Districts 1,2,3,4,5

PROJECT MANAGER: Josh Rogers

PROJECT DESCRIPTION & PURPOSE: There are 5 operating anaerobic digesters at the wastewater treatment facility. The digesters operate by first settling the solids created by the treatment process, the solids are then separated into 2 components the first is the liquid portion which is sent back to the plant for reprocessing and the second is the solids portion which is sent to the facility drying beds. Every 5 years as identified in the operating and maintenance manual each digester must be taken out of service cleaned, sand blasted, painted, and the gas handling systems restored.

KEY POINTS: These digesters need to be periodically taken out of service, cleaned, and inspected for damage that might cause compliance issues that the city may get fined for.

PROJECT STATUS: Request for Funding 2017-2022 Project Cycle

PROJECTED START DATE: 7/1/2017

PROJECTED END DATE: 6/30/2022

FUTURE M & O: The ongoing M&O expense related to this project is already included in Wastewater Treatment Division's annual M&O budget.
(Additional Cost & Department Responsibility)

CRITERIA (1-8): Criteria 2: Project addresses regulatory, safety, or environmental requirements that more likely than not threatens in whole or in part the City's ability to operate a core program or function within the next fiscal year if not replaced or repaired.

Costs Description	Fiscal Year					Total	Unfunded
	2017/2018	2018/2019	2019/2020	2020/2021	2021/2022		
Contract - Labor & Maintenance	\$0	\$500,000	\$0	\$0	\$0	\$500,000	\$0
C&L contingency	\$0	\$50,000	\$0	\$0	\$0	\$50,000	\$0
Staff Time	\$0	\$5,000	\$0	\$0	\$0	\$5,000	\$0
	\$0	\$0	\$0	\$0	\$0	\$0	\$0
	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Total Costs:	\$0	\$555,000	\$0	\$0	\$0	\$555,000	\$0
Funding Sources							
G15 SEWER/WASTEWATER CIP FUND	\$0	\$550,000	\$0	\$0	\$0	\$550,000	\$0
015 Wastewater Salaries	\$0	\$5,000	\$0	\$0	\$0	\$5,000	\$0
Total Funding:	\$0	\$555,000	\$0	\$0	\$0	\$555,000	\$0

Sewer Project

PROJECT # WW2016-26
Blower System Rehabilitation
(Operations)
(Maintenance & Repair)
District 1,2,3,4,5

PROJECT MANAGER: Josh Rogers

PROJECT DESCRIPTION & PURPOSE: Rehabilitation of the 4 turbex blowers that provide mixing, oxygen, and treatment for the industrial wastewater flow is required every 10 years.

KEY POINTS: Turbex blowers are a proprietary piece of equipment that can only be worked on by Turbex. No staff will be effected.

PROJECT STATUS: Request for Funding 2017-2022 Project Cycle

PROJECTED START DATE: 7/1/2019

PROJECTED END DATE: 8/30/2020

FUTURE M & O: The ongoing M&O expense related to this project is already included in Wastewater Treatment Division's annual M&O budget.
(Additional Cost & Department Responsibility)

CRITERIA (1-8): Criteria 2: Project addresses regulatory, safety, or environmental requirements that more likely than not threatens in whole or in part the City's ability to operate a core program or function within the next fiscal year if not replace or repaired.

	Fiscal Year					Total	Unfunded
	2017/2018	2018/2019	2019/2020	2020/2021	2021/2022		
Costs Description							
Contract - Labor and materials	\$0	\$0	\$340,909	\$0	\$0	\$340,909	\$0
C&L contingency - 10%	\$0	\$0	\$34,091	\$0	\$0	\$34,091	\$0
Staff Time	\$0	\$0	\$5,000	\$0	\$0	\$5,000	\$0
	\$0	\$0	\$0	\$0	\$0	\$0	\$0
	\$0	\$0	\$0	\$0	\$0	\$0	\$0
	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Total Costs:	\$0	\$0	\$380,000	\$0	\$0	\$380,000	\$0
Funding Sources							
015 Waste Water Fund - Salaries	\$0	\$0	\$5,000	\$0	\$0	\$5,000	\$0
615 SEWER/WASTEWATER CIP FUND	\$0	\$0	\$375,000	\$0	\$0	\$375,000	\$0
Total Funding:	\$0	\$0	\$380,000	\$0	\$0	\$380,000	\$0

Sewer Project

PROJECT # WW2016-27
Aeration Decanting System Rehab
(Operations)
(Maintenance & Repair)
District 1,2,3,4,5

PROJECT MANAGER: Josh Rogers

PROJECT DESCRIPTION & PURPOSE: The decanting system requires regular rehabilitation service to continue operating.

KEY POINTS: Due to atmosphere conditions the decanting system for the SBR will deteriorate at a rapid rate and will need to be rehabilitated in order to continue working at a proper rate.

PROJECT STATUS: Request for Funding 2017-2022 Project Cycle

PROJECTED START DATE: 7/1/2019

PROJECTED END DATE: 6/30/2020

FUTURE M & O: None.
(Additional Cost & Department Responsibility)

CRITERIA (1-8): Criteria 2: Project addresses regulatory, safety, or environmental requirements that more likely than not threatens in whole or in part the City's ability to operate a core program or function within the next fiscal year if not replace or repaired.

	Fiscal Year					Total	Unfunded
	2017/2018	2018/2019	2019/2020	2020/2021	2021/2022		
Costs Description							
Contract - Labor & Maintenance	\$0	\$0	\$54,545	\$0	\$0	\$54,545	\$0
C&L contingency - 10%	\$0	\$0	\$5,455	\$0	\$0	\$5,455	\$0
staff time	\$0	\$0	\$2,000	\$0	\$0	\$2,000	\$0
	\$0	\$0	\$0	\$0	\$0	\$0	\$0
	\$0	\$0	\$0	\$0	\$0	\$0	\$0
	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Total Costs:	\$0	\$0	\$62,000	\$0	\$0	\$62,000	\$0
Funding Sources							
615 SEWER/WASTEWATER CIP FUND	\$0	\$0	\$60,000	\$0	\$0	\$60,000	\$0
015-4653-1021/1022	\$0	\$0	\$2,000	\$0	\$0	\$2,000	\$0
Total Funding:	\$0	\$0	\$62,000	\$0	\$0	\$62,000	\$0

Sewer Project

PROJECT # WW2016-28
Pipe and motor sandblast- paint
(Operations)
(Maintenance & Repair)
District 1,2,3,4,5

PROJECT MANAGER: Josh Rogers

PROJECT DESCRIPTION & PURPOSE: This project will maintain the Anaerobic Digester pumps, valves and pipes in the expected professional manner at a Wastewater Plant of high quality.

KEY POINTS: This project will maintain the Anaerobic Digester pumps, valves and pipes in the expected professional manner at a Wastewater Plant of high quality.

PROJECT STATUS: Request for Funding 2017-2022 Project Cycle

PROJECTED START DATE: 7/1/2019

PROJECTED END DATE: 6/29/2020

FUTURE M & O: None.
(Additional Cost & Department Responsibility)

CRITERIA (1-8): Criteria 2: Project addresses regulatory, safety, or environmental requirements that more likely than not threatens in whole or in part the City's ability to operate a core program or function within the next fiscal year if not replace or repaired.

	Fiscal Year					Total	Unfunded
	2017/2018	2018/2019	2019/2020	2020/2021	2021/2022		
Costs Description							
Contract - Labor and materials	\$0	\$0	\$90,909	\$0	\$0	\$90,909	\$0
C&L contingency	\$0	\$0	\$9,091	\$0	\$0	\$9,091	\$0
Staff time	\$0	\$0	\$5,000	\$0	\$0	\$5,000	\$0
	\$0	\$0	\$0	\$0	\$0	\$0	\$0
	\$0	\$0	\$0	\$0	\$0	\$0	\$0
	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Total Costs:	\$0	\$0	\$105,000	\$0	\$0	\$105,000	\$0
Funding Sources							
615 SEWER/WASTEWATER CIP FUND	\$0	\$0	\$100,000	\$0	\$0	\$100,000	\$0
015 Waste Water Fund - Salaries	\$0	\$0	\$5,000	\$0	\$0	\$5,000	\$0
Total Funding:	\$0	\$0	\$105,000	\$0	\$0	\$105,000	\$0

Sewer Project

PROJECT # WW2016-29
Discharge System Resurfacing
(Operations)
(Maintenance & Repair)
District 1,2,3,4,5

PROJECT MANAGER: Josh Rogers

PROJECT DESCRIPTION & PURPOSE: Fog Daf accepts all of the raw influent from all of the industrial users. Requires resurfacing every 7 years due to dramatic changes in pH.

KEY POINTS: Will prevent tank failure and internal equipment damage.

PROJECT STATUS: Request for Funding 2017-2022 Project Cycle

PROJECTED START DATE: 7/1/2019

PROJECTED END DATE: 6/30/2020

FUTURE M & O: None.
(Additional Cost & Department Responsibility)

CRITERIA (1-8):

Criteria 2: Project addresses regulatory, safety, or environmental requirements that more likely than not threatens in whole or in part the City's ability to operate a core program or function within the next fiscal year if not replace or repaired.

Costs Description	Fiscal Year					Total	Unfunded
	2017/2018	2018/2019	2019/2020	2020/2021	2021/2022		
Contract - Labor & Maintenance	\$0	\$0	\$18,182	\$0	\$0	\$18,182	\$0
Contingency	\$0	\$0	\$1,818	\$0	\$0	\$1,818	\$0
Staff time	\$0	\$0	\$2,000	\$0	\$0	\$2,000	\$0
	\$0	\$0	\$0	\$0	\$0	\$0	\$0
	\$0	\$0	\$0	\$0	\$0	\$0	\$0
	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Total Costs:	\$0	\$0	\$22,000	\$0	\$0	\$22,000	\$0
Funding Sources							
615 SEWER/WASTEWATER CIP FUND		\$0	\$20,000	\$0	\$0	\$20,000	\$0
015 Wastewater Fund - Salaries	\$0	\$0	\$2,000	\$0	\$0	\$2,000	\$0
Total Funding:	\$0	\$0	\$22,000	\$0	\$0	\$22,000	\$0

Sewer Project

PROJECT # WW2016-30
Gas Skid Equipment Rehab
(Operations)
(Maintenance & Repair)
District 1,2,3,4,5

PROJECT MANAGER: Josh Rogers

PROJECT DESCRIPTION & PURPOSE: The city currently has a maintenance agreement for the gas skid to ensure that the gas going to the fuel cells falls within compliance limits. However, the city is responsible for the pack towers, this project will rehab the equipment associated with the pack towers.

KEY POINTS: Rehabilitating the pack towers will maintain them and prevent hydrogen sulfide from entering the fuel cells.

PROJECT STATUS: Request for Funding 2017-2022 Project Cycle

PROJECTED START DATE: 8/1/2019

PROJECTED END DATE: 9/30/2019

FUTURE M & O: None.
(Additional Cost & Department Responsibility)

CRITERIA (1-8): Criteria 2: Project addresses regulatory, safety, or environmental requirements that more likely than not threatens in whole or in part the City's ability to operate a core program or function within the next fiscal year if not replace or repaired.

	Fiscal Year					Total	Unfunded
	2017/2018	2018/2019	2019/2020	2020/2021	2021/2022		
Costs Description							
Contract - Labor & Maintenance	\$0	\$0	\$31,818	\$0	\$0	\$31,818	\$0
C&L contingency	\$0	\$0	\$3,182	\$0	\$0	\$3,182	\$0
	\$0	\$0	\$500	\$0	\$0	\$500	\$0
	\$0	\$0*	\$0	\$0	\$0	\$0	\$0
	\$0	\$0	\$0	\$0	\$0	\$0	\$0
	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Total Costs:	\$0	\$0	\$35,500	\$0	\$0	\$35,500	\$0
Funding Sources							
615 SEWER/WASTEWATER CIP FUND		\$0	\$35,000	\$0	\$0	\$35,000	\$0
015 Waste Water fund - Salaries	\$0	\$0	\$500	\$0	\$0	\$500	\$0
Total Funding:	\$0	\$0	\$35,500	\$0	\$0	\$35,500	\$0

Sewer Project

PROJECT # WW2016-31
Gravity Belt Control System Rehab
(Operations)
(Maintenance & Repair)
District 1,2,3,4,5

PROJECT MANAGER: Josh Rogers

PROJECT DESCRIPTION & PURPOSE: Gravity Belt Thickener accepts sludge from the domestic facility and reduces the moisture content by 70% and is run automatically by the control system.

KEY POINTS: Automatically operates the gravity belt thickener.

PROJECT STATUS: Request for Funding 2017-2022 Project Cycle

PROJECTED START DATE: 7/1/2019

PROJECTED END DATE: 6/30/2020

FUTURE M & O: None.
(Additional Cost & Department Responsibility)

CRITERIA (1-8):

Criteria 2: Project addresses regulatory, safety, or environmental requirements that more likely than not threatens in whole or in part the City's ability to operate a core program or function within the next fiscal year if not replace or repaired.

	Fiscal Year					Total	Unfunded
	2017/2018	2018/2019	2019/2020	2020/2021	2021/2022		
Costs Description							
Contract - Labor & Maintenance	\$0	\$0	\$68,182	\$0	\$0	\$68,182	\$0
Contingency	\$0	\$0	\$6,818	\$0	\$0	\$6,818	\$0
Staff Time	\$0	\$0	\$3,000	\$0	\$0	\$3,000	\$0
	\$0	\$0	\$0	\$0	\$0	\$0	\$0
	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Total Costs:	\$0	\$0	\$78,000	\$0	\$0	\$78,000	\$0
Funding Sources							
615 SEWER/WASTEWATER CIP FUND	\$0	\$0	\$75,000	\$0	\$0	\$75,000	\$0
015 Wastewater Salaries	\$0	\$0	\$3,000	\$0	\$0	\$3,000	\$0
Total Funding:	\$0	\$0	\$78,000	\$0	\$0	\$78,000	\$0

Sewer Project

PROJECT # WW2016-32
Influent Headworks Electrical System Inspection
(Operations)
(Maintenance & Repair)
District 1,2,3,4,5

PROJECT MANAGER: Josh Rogers

PROJECT DESCRIPTION & PURPOSE: This is to provide funds for a very basic inspection of the electrical system at the Headworks including testing of the continuity of the wiring and the thermography of the motors.

KEY POINTS: This is to provide funds for a very basic inspection of the electrical system at the Headworks including testing of the continuity of the wiring and the thermography of the motors.

PROJECT STATUS: Request for Funding 2017-2022 Project Cycle

PROJECTED START DATE: 7/1/2019

PROJECTED END DATE: 6/31/2020

FUTURE M & O: None.
(Additional Cost & Department Responsibility)

CRITERIA (1-8): Criteria 7: Project addresses regulatory, safety, or environmental requirements that could threaten in whole or in part the City's ability to operate a core program or function at some future time if not replaced or repaired.

	Fiscal Year					Total	Unfunded
	2017/2018	2018/2019	2019/2020	2020/2021	2021/2022		
Costs Description							
Contract - Labor & Maintenance	\$0	\$0	\$4,500	\$0	\$0	\$4,500	\$0
contingency	\$0	\$0	\$500	\$0	\$0	\$500	\$0
Staff Time	\$0	\$0	\$500	\$0	\$0	\$500	\$0
	\$0	\$0	\$0	\$0	\$0	\$0	\$0
	\$0	\$0	\$0	\$0	\$0	\$0	\$0
	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Total Costs:	\$0	\$0	\$5,500	\$0	\$0	\$5,500	\$0
Funding Sources							
615 SEWER/WASTEWATER CIP FUND		\$0	\$5,000	\$0	\$0	\$5,000	\$0
015 Wastewater Salaries	\$0	\$0	\$500	\$0	\$0	\$500	\$0
Total Funding:	\$0	\$0	\$5,500	\$0	\$0	\$5,500	\$0

Sewer Project

PROJECT # WW2016-33
Influent Pump and Motor Rehab
(Operations)
(Maintenance & Repair)
District 1,2,3,4,5

PROJECT MANAGER: Josh Rogers

PROJECT DESCRIPTION & PURPOSE: This project is to rebuild the 4 influent pumps for the Domestic Plant influent structure. These are critical pieces of equipment that send the flow thru the wastewater plant for processing. It is critical that these pumps work efficiently to minimize the power usage within the plant itself.

KEY POINTS: Due to the nature of the influent waste, the pumps loose efficiency over time and need to be rebuilt.

PROJECT STATUS: Request for Funding 2017-2022 Project Cycle

PROJECTED START DATE: 7/1/2019

PROJECTED END DATE: 9/30/2020

FUTURE M & O: The ongoing M&O expense related to this project is already included in Wastewater Treatment Division's annual M&O budget.
(Additional Cost & Department Responsibility)

CRITERIA (1-8): Criteria 8: Project replaces a capital asset that could reduce or eliminate the City's ability to operate a core program at some future time if it is not replaced or repaired.

	Fiscal Year					Total	Unfunded
	2017/2018	2018/2019	2019/2020	2020/2021	2021/2022		
Costs Description							
Contract - Labor & Maintenance	\$0	\$0	\$163,636	\$0	\$0	\$163,636	\$0
contingency	\$0	\$0	\$16,364	\$0	\$0	\$16,364	\$0
Staff Time	\$0	\$0	\$5,000	\$0	\$0	\$5,000	\$0
	\$0	\$0	\$0	\$0	\$0	\$0	\$0
	\$0	\$0	\$0	\$0	\$0	\$0	\$0
	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Total Costs:	\$0	\$0	\$185,000	\$0	\$0	\$185,000	\$0
Funding Sources							
615 SEWER/WASTEWATER CIP FUND	\$0	\$0	\$180,000	\$0	\$0	\$180,000	\$0
015 Wastewater Salaries	\$0	\$0	\$5,000	\$0	\$0	\$5,000	\$0
Total Funding:	\$0	\$0	\$185,000	\$0	\$0	\$185,000	\$0

Sewer Project

PROJECT # WW2016-34
Internal Weir Adjustment and Resurfacing
(Operations)
(Maintenance & Repair)
District 1,2,3,4,5

PROJECT MANAGER: Josh Rogers

PROJECT DESCRIPTION & PURPOSE: This is critical to the protection of and correct operation of the Industrial digesters. Failure of the structure will lead to improper operation of the digesters and leaking of partially digested sludge back into the process for retreatment.

KEY POINTS: The equipment needs to be periodically resurfaced and adjusted for proper operation.

PROJECT STATUS: Request for Funding 2017-2022 Project Cycle

PROJECTED START DATE: 7/1/2019

PROJECTED END DATE: 11/31/2019

FUTURE M & O: None.
(Additional Cost & Department Responsibility)

CRITERIA (1-8): Criteria 2: Project addresses regulatory, safety, or environmental requirements that more likely than not threatens in whole or in part the City's ability to operate a core program or function within the next fiscal year if not replace or repaired.

	Fiscal Year					Total	Unfunded
	2017/2018	2018/2019	2019/2020	2020/2021	2021/2022		
Costs Description							
Contract - Labor & Maintenance	\$0	\$0	\$68,182	\$0	\$0	\$68,182	\$0
contingency - 10%	\$0	\$0	\$6,818	\$0	\$0	\$6,818	\$0
Staff Time	\$0	\$0	\$3,000	\$0	\$0	\$3,000	\$0
	\$0	\$0	\$0	\$0	\$0	\$0	\$0
	\$0	\$0	\$0	\$0	\$0	\$0	\$0
	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Total Costs:	\$0	\$0	\$78,000	\$0	\$0	\$78,000	\$0
Funding Sources							
615 SEWER/WASTEWATER CIP FUND	\$0	\$0	\$75,000	\$0	\$0	\$75,000	\$0
015 Wastewater Salaries	\$0	\$0	\$3,000	\$0	\$0	\$3,000	\$0
Total Funding:	\$0	\$0	\$78,000	\$0	\$0	\$78,000	\$0

Sewer Project

PROJECT # WW2016-35
Aeration Lagoon Evaluation
(Operations)
(Maintenance & Repair)
District 1,2,3,4,5

PROJECT MANAGER: Josh Rogers

PROJECT DESCRIPTION & PURPOSE: The aeration lagoons are gunite lined ponds. Over time, they can deteriorate from the scrubbing action of the aerators operating in the lagoons. This would allow the taking down of the lagoons one at a time to check for cracks in the lining or wear points that could lead to failure of the system and more costly emergency repairs.

KEY POINTS: Periodically these lagoons need to be inspected and resurfaced for proper operation.

PROJECT STATUS: Request for Funding 2017-2022 Project Cycle

PROJECTED START DATE: 7/1/2019

PROJECTED END DATE: 9/31/2019

FUTURE M & O: None.
(Additional Cost & Department Responsibility)

CRITERIA (1-8): Criteria 7: Project addresses regulatory, safety, or environmental requirements that could threaten in whole or in part the City's ability to operate a core program or function at some future time if not replaced or repaired.

	Fiscal Year					Total	Unfunded
	2017/2018	2018/2019	2019/2020	2020/2021	2021/2022		
Costs Description							
Contract - Labor & Maintenance	\$0	\$0	\$136,364	\$0	\$0	\$136,364	\$0
contingency	\$0	\$0	\$13,636	\$0	\$0	\$13,636	\$0
Staff Time	\$0	\$0	\$5,000	\$0	\$0	\$5,000	\$0
	\$0	\$0	\$0	\$0	\$0	\$0	\$0
	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Total Costs:	\$0	\$0	\$155,000	\$0	\$0	\$155,000	\$0
Funding Sources							
615 SEWER/WASTEWATER CIP FUND	\$0	\$0	\$150,000	\$0	\$0	\$150,000	\$0
015 Wastewater Salaries	\$0	\$0	\$5,000	\$0	\$0	\$5,000	\$0
Total Funding:	\$0	\$0	\$155,000	\$0	\$0	\$155,000	\$0

Sewer Project

PROJECT # WW2016-36
Odor Control Instrumentation Upgrade
(Operations)
(Operation and Maintenance)
District 1,2,3,4,5

PROJECT MANAGER: Bruno Huerta

PROJECT DESCRIPTION & PURPOSE: The dissolved air flotation unit must incorporate odor control to meet permit requirements. The existing odor control unit requires rehabilitation every 7 years. Rehab is required to meet air quality permit requirements.

KEY POINTS: This will allow the City to retain its air quality permit.

PROJECT STATUS: Request for Funding 2017-2022 Project Cycle

PROJECTED START DATE: 7/1/2019

PROJECTED END DATE: 6/30/2020

FUTURE M & O: None.
(Additional Cost & Department Responsibility)

CRITERIA (1-8): Criteria 7: Project addresses regulatory, safety, or environmental requirements that could threaten in whole or in part the City's ability to operate a core program or function at some future time if not replaced or repaired.

	Fiscal Year					Total	Unfunded
	2017/2018	2018/2019	2019/2020	2020/2021	2021/2022		
Costs Description							
Contract - Labor & Maintenance	\$0	\$0	\$45,455	\$0	\$0	\$45,455	\$0
contingency - 10%	\$0	\$0	\$4,545	\$0	\$0	\$4,545	\$0
Staff Time	\$0	\$0	\$3,000	\$0	\$0	\$3,000	\$0
	\$0	\$0	\$0	\$0	\$0	\$0	\$0
	\$0	\$0	\$0	\$0	\$0	\$0	\$0
	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Total Costs:	\$0	\$0	\$53,000	\$0	\$0	\$53,000	\$0
Funding Sources							
615 SEWER/WASTEWATER CIP FUND		\$0	\$50,000	\$0	\$0	\$50,000	\$0
015 Wastewater Salaries	\$0	\$0	\$3,000	\$0	\$0	\$3,000	\$0
Total Funding:	\$0	\$0	\$53,000	\$0	\$0	\$53,000	\$0

Sewer Project

PROJECT # WW2016-37
Septage State Station Lining
(Operations)
(Maintenance & Repair)
District 1,2,3,4,5

PROJECT MANAGER: Josh Rogers

PROJECT DESCRIPTION & PURPOSE: The interior walls of the septage station have deteriorated due to low pH and require relining. Required every 15 years for maintenance.

KEY POINTS: Will prevent catastrophic degradation of the walls leading to structural failure.

PROJECT STATUS: Request for Funding 2017-2022 Project Cycle

PROJECTED START DATE: 7/1/2019

PROJECTED END DATE: 6/30/2020

FUTURE M & O: None.
(Additional Cost & Department Responsibility)

CRITERIA (1-8): Criteria 2: Project addresses regulatory, safety, or environmental requirements that more likely than not threatens in whole or in part the City's ability to operate a core program or function within the next fiscal year if not replace or repaired.

	Fiscal Year					Total	Unfunded
	2017/2018	2018/2019	2019/2020	2020/2021	2021/2022		
Costs Description							
Contract - Labor & Maintenance	\$0	\$0	\$68,182	\$0	\$0	\$68,182	\$0
contingency	\$0	\$0	\$6,818	\$0	\$0	\$6,818	\$0
Staff Time	\$0	\$0	\$3,000	\$0	\$0	\$3,000	\$0
	\$0	\$0	\$0	\$0	\$0	\$0	\$0
	\$0	\$0	\$0	\$0	\$0	\$0	\$0
	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Total Costs:	\$0	\$0	\$78,000	\$0	\$0	\$78,000	\$0
Funding Sources							
615 SEWER/WASTEWATER CIP FUND	\$0	\$0	\$75,000	\$0	\$0	\$75,000	\$0
015 Wastewater Salaries	\$0	\$0	\$3,000	\$0	\$0	\$3,000	\$0
Total Funding:	\$0	\$0	\$78,000	\$0	\$0	\$78,000	\$0

Sewer Project

PROJECT # WW2016-38
Septage Station Rehab
(Operations)
(Maintenance & Repair)
District 1,2,3,4,5

PROJECT MANAGER: Josh Rogers

PROJECT DESCRIPTION & PURPOSE: This is the section of the plant that accepts all of the material removed from grease traps by private vector trucks. This is required every 6 years due to the nature of the material being handled.

KEY POINTS: Will allow the City to continue to move this material from the station to the bulk volume fermentation tank.

PROJECT STATUS: Request for Funding 2017-2022 Project Cycle

PROJECTED START DATE: 7/1/2019

PROJECTED END DATE: 6/30/2020

FUTURE M & O: None.
(Additional Cost & Department Responsibility)

CRITERIA (1-8): Criteria 7: Project addresses regulatory, safety, or environmental requirements that could threaten in whole or in part the City's ability to operate a core program or function at some future time if not replaced or repaired.

	Fiscal Year					Total	Unfunded
	2017/2018	2018/2019	2019/2020	2020/2021	2021/2022		
Costs Description							
Contract - Labor & Maintenance	\$0	\$0	\$136,364	\$0	\$0	\$136,364	\$0
contingency - 10%	\$0	\$0	\$13,636	\$0	\$0	\$13,636	\$0
Staff Time	\$0	\$0	\$5,000	\$0	\$0	\$5,000	\$0
	\$0	\$0	\$0	\$0	\$0	\$0	\$0
	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Total Costs:	\$0	\$0	\$155,000	\$0	\$0	\$155,000	\$0
Funding Sources							
615 SEWER/WASTEWATER CIP FUND	\$0	\$0	\$150,000	\$0	\$0	\$150,000	\$0
015 Wastewater Salaries	\$0	\$0	\$5,000	\$0	\$0	\$5,000	\$0
Total Funding:	\$0	\$0	\$155,000	\$0	\$0	\$155,000	\$0

Sewer Project

PROJECT # WW2016-39
Clean, Sandblast, Paint, Inspect SBR
(Operations)
(Maintenance & Repair)
District 1,2,3,4,5

PROJECT MANAGER: Josh Rogers

PROJECT DESCRIPTION & PURPOSE: This tank is critical to the operation of the Wasting from the SBR's. Without this tank we have no way of continual wasting from the SBR's. We need to provide for the continued operation of the unit to prevent any spillage on the ground of sludge that could lead to a violation of our Waste Discharge Permit from the State.

KEY POINTS: The waste storage tank needs to periodically be taken out of service inspected, repaired, and put back into service.

PROJECT STATUS: Request for Funding 2017-2022 Project Cycle

PROJECTED START DATE: 7/1/2019

PROJECTED END DATE: 6/30/2020

FUTURE M & O: None.

(Additional Cost & Department Responsibility)

CRITERIA (1-8): Criteria 2: Project addresses regulatory, safety, or environmental requirements that more likely than not threatens in whole or in part the City's ability to operate a core program or function within the next fiscal year if not replace or repaired.

	Fiscal Year					Total	Unfunded
	2017/2018	2018/2019	2019/2020	2020/2021	2021/2022		
Costs Description							
Contract - Labor & Maintenance	\$0	\$0	\$90,909	\$0	\$0	\$90,909	\$0
contingency	\$0	\$0	\$9,091	\$0	\$0	\$9,091	\$0
Staff Time	\$0	\$0	\$5,000	\$0	\$0	\$5,000	\$0
	\$0	\$0	\$0	\$0	\$0	\$0	\$0
	\$0	\$0	\$0	\$0	\$0	\$0	\$0
	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Total Costs:	\$0	\$0	\$105,000	\$0	\$0	\$105,000	\$0
Funding Sources							
615 SEWER/WASTEWATER CIP FUND	\$0	\$0	\$100,000	\$0	\$0	\$100,000	\$0
015 Wastewater Salaries	\$0	\$0	\$5,000	\$0	\$0	\$5,000	\$0
Total Funding:	\$0	\$0	\$105,000	\$0	\$0	\$105,000	\$0

Sewer Project

PROJECT # WW2016-40
Piping Sandblasting and Painting
(Operations)
(Maintenance & Repair)
District 1,2,3,4,5

PROJECT MANAGER: Bruno Huerta

PROJECT DESCRIPTION & PURPOSE: Industrial Waste Storage Tank piping requires sandblasting and

KEY POINTS: Industrial Waste Storage Tank basic maintenance to eliminate and

PROJECT STATUS: Request for Funding 2017-2022 Project Cycle

PROJECTED START DATE: 7/1/2019

PROJECTED END DATE: 1/31/2020

FUTURE M & O:
(Additional Cost & Department Responsibility) None.

CRITERIA (1-8): Criteria 7: Project addresses regulatory, safety, or environmental requirements that could threaten in whole or in part the City's ability to operate a core program or function at some future time if not replaced or repaired.

	Fiscal Year					Total	Unfunded
	2017/2018	2018/2019	2019/2020	2020/2021	2021/2022		
Costs Description							
Contract - Labor & Maintenance	\$0	\$0	\$18,182	\$0	\$0	\$18,182	\$0
contingency - 10%	\$0	\$0	\$1,818	\$0	\$0	\$1,818	\$0
Staff Time	\$0	\$0	\$2,000	\$0	\$0	\$2,000	\$0
	\$0	\$0	\$0	\$0	\$0	\$0	\$0
	\$0	\$0	\$0	\$0	\$0	\$0	\$0
	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Total Costs:	\$0	\$0	\$22,000	\$0	\$0	\$22,000	\$0
Funding Sources							
615 SEWER/WASTEWATER CIP FUND	\$0	\$0	\$20,000	\$0	\$0	\$20,000	\$0
015 Wastewater Salaries	\$0	\$0	\$2,000	\$0	\$0	\$2,000	\$0
Total Funding:	\$0	\$0	\$22,000	\$0	\$0	\$22,000	\$0

Sewer Project

PROJECT # WW2016-41
Lab Refurbishment
(Capital)
Capital
District 1,2,3,4,5

PROJECT MANAGER: Trisha Whitfield

PROJECT DESCRIPTION & PURPOSE: This project is to rebuild and update the wastewater lab at the treatment plant. Currently the staff is working in the same space as 30 years ago. It has been identified that the lab staff is having to work harder than needed due to the limited space.

KEY POINTS: The current space that is designated to laboratory tasks is outdated and is in need of proper equipment and facility upgrade.

PROJECT STATUS: Request for Funding 2017-2022 Project Cycle

PROJECTED START DATE: 7/1/2019

PROJECTED END DATE: 6/30/2020

FUTURE M & O: Unknown until scope can be further defined and upgrade designed
(Additional Cost & Department Responsibility)

CRITERIA (1-8): Criteria 8: Project replaces a capital asset that could reduce or eliminate the City's ability to operate a core program at some future time if it is not replaced or repaired.

	Fiscal Year					Total	Unfunded
	2017/2018	2018/2019	2019/2020	2020/2021	2021/2022		
Costs Description							
Parts and Material	\$0	\$0	\$40,000	\$0	\$0	\$40,000	\$0
Preliminary Design	\$0	\$0	\$15,000	\$0	\$0	\$15,000	\$0
Construct/Implement	\$0	\$0	\$1,445,000	\$0	\$0	\$1,445,000	\$0
contingency	\$0	\$0	\$150,000	\$0	\$0	\$150,000	\$0
Project Management Time	\$0	\$0	\$10,000	\$0	\$0	\$10,000	\$0
	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Total Costs:	\$0	\$0	\$1,660,000	\$0	\$0	\$1,660,000	\$0
Funding Sources							
615 SEWER/WASTEWATER CIP FUND	\$0	\$0	\$1,660,000	\$0	\$0	\$1,660,000	\$0
	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Total Funding:	\$0	\$0	\$1,660,000	\$0	\$0	\$1,660,000	\$0

Sewer Project

PROJECT # WW2016-42
Grit System Rehabilitation
(Operations)
(Maintenance & Repair)
District 1,2,3,4,5

PROJECT MANAGER: Josh Rogers

PROJECT DESCRIPTION & PURPOSE: The purpose of the grit system is to allow for the heavy particle in typical wastewater to be removed before they damage downstream equipment. The grit system needs to have a major overhaul after 10 years of service. This has not been completed and allowing the system to function without these maintenance events will cause the equipment to stop functioning.

KEY POINTS: Grit system needs to be overhauled. This maintenance event is past due. Should be completed every 10 years and has yet to be completed.

PROJECT STATUS: Request for Funding 2017-2022 Project Cycle

PROJECTED START DATE: 7/1/2020

PROJECTED END DATE: 6/31/2021

FUTURE M & O: None.
(Additional Cost & Department Responsibility)

CRITERIA (1-8): Criteria 2: Project addresses regulatory, safety, or environmental requirements that more likely than not threatens in whole or in part the City's ability to operate a core program or function within the next fiscal year if not replace or repaired.

	Fiscal Year					Total	Unfunded
	2017/2018	2018/2019	2019/2020	2020/2021	2021/2022		
Costs Description							
Contract - Labor and materials	\$0	\$0	\$0	\$90,000	\$0	\$90,000	\$0
contingency	\$0	\$0	\$0	\$10,000	\$0	\$10,000	\$0
staff time	\$0	\$0	\$0	\$5,000	\$0	\$5,000	\$0
	\$0	\$0	\$0	\$0	\$0	\$0	\$0
	\$0	\$0	\$0	\$0	\$0	\$0	\$0
	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Total Costs:	\$0	\$0	\$0	\$105,000	\$0	\$105,000	\$0
Funding Sources							
615 SEWER/WASTEWATER CIP FUND	\$0	\$0	\$0	\$100,000	\$0	\$100,000	\$0
015 Wastewater Salaries	\$0	\$0	\$0	\$5,000	\$0	\$5,000	\$0
Total Funding:	\$0	\$0	\$0	\$105,000	\$0	\$105,000	\$0

Sewer Project

PROJECT # WW2016-43
Anoxic Tank Inspection
(Capital)
(Maintenance & Repair)
District 1,2,3,4,5

PROJECT MANAGER: Bruno Huerta

PROJECT DESCRIPTION & PURPOSE: The purpose of this project is to remove tank from service, inspect tanks integrity, and report findings.

KEY POINTS: Tanks needs to be inspected due to the presence of H2S gases.

PROJECT STATUS: Request for Funding 2017-2022 Project Cycle

PROJECTED START DATE: 7/1/2021

PROJECTED END DATE: 6/30/2022

FUTURE M & O:
(Additional Cost & Department Responsibility) The ongoing M&O expense related to this project is already included in Wastewater Treatment Division's annual M&O budget.

CRITERIA (1-8): Criteria 7: Project addresses regulatory, safety, or environmental requirements that could threaten in whole or in part the City's ability to operate a core program or function at some future time if not replaced or repaired.

Costs Description	Fiscal Year					Total	Unfunded
	2017/2018	2018/2019	2019/2020	2020/2021	2021/2022		
Construction Cost	\$0	\$0	\$0	\$0	\$68,182	\$68,182	\$0
Contingency 10%	\$0	\$0	\$0	\$0	\$6,818	\$6,818	\$0
Staff Time	\$0	\$0	\$0	\$0	\$5,000	\$5,000	\$0
	\$0	\$0	\$0	\$0	\$0	\$0	\$0
	\$0	\$0	\$0	\$0	\$0	\$0	\$0
	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Total Costs:	\$0	\$0	\$0	\$0	\$80,000	\$80,000	\$0
Funding Sources							
615 SEWER/WASTEWATER CIP FUND		\$0	\$0	\$0	\$75,000	\$75,000	\$0
015 Waste water Salaries	\$0	\$0	\$0	\$0	\$5,000	\$5,000	\$0
Total Funding:	\$0	\$0	\$0	\$0	\$80,000	\$80,000	\$0

Sewer Project

PROJECT # ww2016-44
Anoxic Tank Resurfacing
(Capital)
(Maintenance & Repair)
District 1,2,3,4,5

PROJECT MANAGER: Bruno Huerta

PROJECT DESCRIPTION & PURPOSE: The purpose of this project is to remove tank from service, replace any worn or broken parts, resurface entire tank.

KEY POINTS: Tanks needs to be resurfaced due to the presence of H2S gases.

PROJECT STATUS: Request for Funding 2017-2022 Project Cycle

PROJECTED START DATE: 7/1/2021

PROJECTED END DATE: 6/30/2022

FUTURE M & O: None.
(Additional Cost & Department Responsibility)

CRITERIA (1-8): Criteria 7: Project addresses regulatory, safety, or environmental requirements that could threaten in whole or in part the City's ability to operate a core program or function at some future time if not replaced or repaired.

	Fiscal Year					Total	Unfunded
	2017/2018	2018/2019	2019/2020	2020/2021	2021/2022		
Costs Description							
construction	\$0	\$0	\$0	\$0	\$272,727	\$272,727	\$0
contingency 10%	\$0	\$0	\$0	\$0	\$27,273	\$27,273	\$0
staff time	\$0	\$0	\$0	\$0	\$5,000	\$5,000	\$0
	\$0	\$0	\$0	\$0	\$0	\$0	\$0
	\$0	\$0	\$0	\$0	\$0	\$0	\$0
	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Total Costs:	\$0	\$0	\$0	\$0	\$305,000	\$305,000	\$0
Funding Sources							
615 Sewer/Wastewater CIP Fund		\$0	\$0	\$0	\$300,000	\$300,000	\$0
015 Wastewater Salaries	\$0	\$0	\$0	\$0	\$5,000	\$5,000	\$0
Total Funding:	\$0	\$0	\$0	\$0	\$305,000	\$305,000	\$0

Sewer Project

PROJECT # ww2016-45
FOG DAFT SYSTEM REHABILITATION
(Operations)
(Maintenance & Repair)
District 1,2,3,4,5

PROJECT MANAGER: Bruno Huerta

PROJECT DESCRIPTION & PURPOSE: The purpose of the overhaul is to take down the system, inspect all aspects of the equipment, document all areas of concern, repair all areas, replace all needed equipment and coat tank with corrosion proof epoxy.

KEY POINTS: Repair and replace all broken or failing equipment and coat tank for corrosion control.

PROJECT STATUS: Request for Funding 2017-2022 Cycle

PROJECTED START DATE: 7/1/2021

PROJECTED END DATE: 6/30/2022

FUTURE M & O:
(Additional Cost & Department Responsibility) None.

CRITERIA (1-8): Criteria 2: Project addresses regulatory, safety, or environmental requirements that more likely than not threatens in whole or in part the City's ability to operate a core program or function within the next fiscal year if not replace or repaired.

Costs Description	Fiscal Year					Total	Unfunded
	2017/2018	2018/2019	2019/2020	2020/2021	2021/2022		
Contract - Labor and materials	\$0	\$0	\$0	\$0	\$227,273	\$227,273	\$0
C&L contingency	\$0	\$0	\$0	\$0	\$22,727	\$22,727	\$0
Staff Time	\$0	\$0	\$0	\$0	\$5,000	\$5,000	\$0
	\$0	\$0	\$0	\$0	\$0	\$0	\$0
	\$0	\$0	\$0	\$0	\$0	\$0	\$0
	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Total Costs:	\$0	\$0	\$0	\$0	\$255,000	\$255,000	\$0
Funding Sources							
615 SEWER/WASTEWATER CIP FUND		\$0	\$0	\$0	\$250,000	\$250,000	\$0
015 Wastewater fund - Salaries	\$0	\$0	\$0	\$0	\$5,000	\$5,000	\$0
Total Funding:	\$0	\$0	\$0	\$0	\$255,000	\$255,000	\$0

City of Tulare
2017-2022 Projects Budget
SOLID WASTE PROJECTS

Five Year List:

S00006 (SO2016-1) Equipment Camera Systems
SO2016-2 (Future Project) Container Storage Lot Improvements

PROJECT EXPENSES	FISCAL YEARS		
	2017-2018	2021-2022	Grand Total
Solid Waste	\$40,000	\$175,500	\$215,500
Equipment Camera Sys	\$40,000		\$40,000
Container Storage Lot Improvements		\$175,500	\$175,500
Grand Total	\$40,000	\$175,500	\$215,500

FUNDING SOURCES	FISCAL YEARS		
	2017-2018	2021-2022	Grand Total
612 Solid Waste CIP	\$40,000	\$170,500	\$210,500
894 Solid Waste Salaries		\$5,000	\$5,000
Grand Total	\$40,000	\$175,500	\$215,500

Solid Waste Project

PROJECT # SO0006	G/L ACCT # 612-4612-7801
Equipment Camera Systems	
(Operations)	
(Capital)	
Districts 1,2,3,4,5	

PROJECT MANAGER: Frank Rodriguez

PROJECT DESCRIPTION & PURPOSE: Purchase and Installation of equipment camera systems with DVR and Event buttons to improve on efficiency and safety.

KEY POINTS: Purchase and Installation of camera and DVR systems on Solid Waste equipment.

PROJECT STATUS: Request for Funding 2017-2018 Project Cycle

PROJECTED START DATE: 7/1/2018

PROJECTED END DATE: 11/30/2018

FUTURE M & O: This project will increase Solid Waste Division's M & O commencing July 2018 in the amount of \$7,000.
(Additional Cost & Department Responsibility)

CRITERIA (1-8): Criteria 4: Project represents an investment that will return real cash savings over an identifiable investment horizon and that return exceeds the City's cost of capital (cost of capital equals weighted average interest on City debt issues and capital leases).

	Fiscal Year					Total	Unfunded
	2017/2018	2018/2019	2019/2020	2020/2021	2021/2022		
Costs Description							
Purchase and Installation	\$40,000	\$0	\$0	\$0		\$40,000	\$0
	\$0	\$0	\$0	\$0		\$0	\$0
	\$0	\$0	\$0	\$0		\$0	\$0
	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Total Costs:	\$40,000	\$0	\$0	\$0	\$0	\$40,000	\$0
Funding Sources							
612 Solid Waste CIP	\$40,000	\$0	\$0	\$0		\$40,000	\$0
	\$0	\$0	\$0	\$0		\$0	\$0
Total Funding:	\$40,000	\$0	\$0	\$0	\$0	\$40,000	\$0

Solid Waste Project

PROJECT # SO2016-2
Container Storage Lot Improvements
(Capital)
(Capital)
Districts 1,2,3,4,5

PROJECT MANAGER: Frank Rodriguez

PROJECT DESCRIPTION & PURPOSE: Property to be fenced in and secured for container storage. Required improvements to lot, Goodin and South K Street will be made.

KEY POINTS: Construction and improvements on empty lot located at north west corner of South K Street and Goodin.

PROJECT STATUS: Request for Funding 2017-2022 Project Cycle

PROJECTED START DATE: 7/1/2021

PROJECTED END DATE: 7/1/2022

FUTURE M & O: The ongoing M&O expense related to this project is already included in Solid Waste Division's annual M&O budget.
(Additional Cost & Department Responsibility)

CRITERIA (1-8): Criteria 5: Project extends an existing City Program or function to meet the Council's vision and explicit direction.

	Fiscal Year					Total	Unfunded
	2017/2018	2018/2019	2019/2020	2020/2021	2021/2022		
Costs Description							
Construction	\$0	\$0	\$0	\$0	\$155,000	\$155,000	\$0
Staff Time	\$0	\$0	\$0	\$0	\$5,000	\$5,000	\$0
Contingency - 10%	\$0	\$0	\$0	\$0	\$15,500	\$15,500	\$0
	\$0	\$0	\$0	\$0	\$0	\$0	\$0
	\$0	\$0	\$0	\$0	\$0	\$0	\$0
	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Total Costs:	\$0	\$0	\$0	\$0	\$175,500	\$175,500	\$0
Funding Sources							
612 Solid Waste CIP	\$0	\$0	\$0	\$0	\$170,500	\$170,500	\$0
012 Solid Waste Salaries	\$0	\$0	\$0	\$0	\$5,000	\$5,000	\$0
Total Funding:	\$0	\$0	\$0	\$0	\$175,500	\$175,500	\$0

City of Tulare
2017-2022 Projects Budget
TRANSPORTATION PROJECTS

Five Year List:

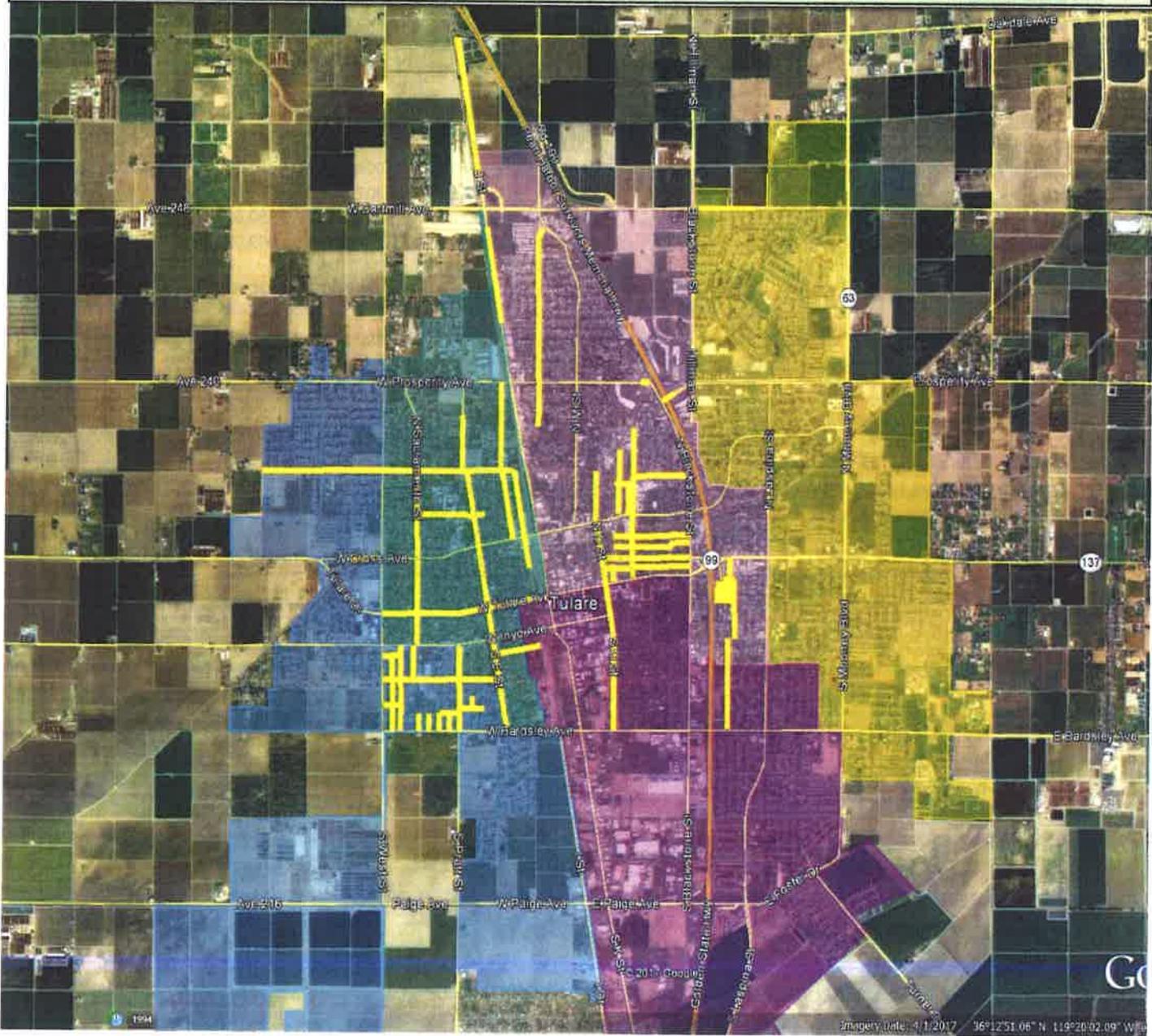
ST0006	Annual Transportation - Pavement Management
ST0007	Annual Transportation Maintenance
EN0060	Transportation Planning
EN0061	Annual Transportation Expansion
EN0062	Annual Transportation Studies/Admin
EN0064	E St.-Bardsley to Pleasant
EN0070	I' St.-Owens Improvements
EN0071	Prosperity Ave. - Blackstone Improvements
EN0073 (EN2014-2)	Cartmill-Hillman Improvements
EN0074 (EN2014-04)	Cross Ave. Improvements
EN0075 (EN2014-1)	J' St. Improvements
EN0076 (EN2014-07)	O' St. Improvements
EN0077 (EN2016-01)	Cherry-Bash Alley Improvements
EN0078 (EN2016-14)	Bardsley/Morrison St. Sidewalk Improvements at Mission Oak High School
EN0079 (EN2016-1)	ADA PRow Transition Plan
EN0080 (EN2016-16)	RSTP Funding Program
EN2014-06 (Future Project)	Maple Ave. Improvements
EN2016-03 (Future Project)	Sonora Ave. Improvements
EN2016-04 (Future Project)	Sacramento-Pleasant Improvements
EN2016-05 (Future Project)	Tulare Improvements
EN2016-06 (Future Project)	Highland/Academy Tract Improvements
EN2016-07 (Future Project)	Sequoia-Spruce Tract Improvements
EN2016-08 (Future Project)	Elliott-Mefford Tract Improvements
EN2016-09 (Future Project)	Pratt St. Improvements
EN2016-10 (Future Project)	Oaks St. Improvements

PROJECT EXPENSES	FISCAL YEARS					Grand Total
	2017-2018	2018-2019	2019-2020	2020-2021	2021-2022	
Engineering	\$13,285,089	\$16,120,441	\$17,107,128	\$15,335,128	\$16,616,277	\$78,464,064
ADA PRow Transition Plan	\$170,000					\$170,000
Transportation Planning	\$70,000	\$70,000	\$70,000	\$70,000	\$70,000	\$350,000
Annual Transportation Expansion	\$303,300	\$303,300	\$303,300	\$581,300	\$581,300	\$2,072,500
Annual Transportation Studies/Admin	\$126,500	\$126,500	\$126,500	\$156,500	\$126,500	\$662,500
E Street - Bardsley to Pleasant	\$5,219,629					\$5,219,629
I Street-Owens Improvements	\$3,031,077					\$3,031,077
Cartmill/Hillman Improvements	\$2,495,282	\$3,496,173	\$3,496,173			\$9,487,628
Prosperity Ave-Blackstone Improvements	\$250,000					\$250,000
J Street Improvements	\$95,000					\$95,000
Cross Ave Improvements	\$30,029	\$328,488				\$358,516
Maple Ave Improvements		\$86,473	\$961,545			\$1,048,018
O Street Improvements	\$434,436	\$5,145,193				\$5,579,628
Cerry-Bash Alley Improvements	\$426,167	\$5,091,358				\$5,517,525
Sonora Ave Improvements		\$185,141	\$2,193,435			\$2,378,576
Sacramento-Pleasant Improvements		\$697,148	\$8,303,852			\$9,001,000
Tulare Improvements			\$461,755	\$5,473,653		\$5,935,408
Highland-Academy Tract Improvements				\$688,307	\$8,243,127	\$8,931,434
Sequoia-Spruce Tract Improvements				\$365,417	\$4,360,940	\$4,726,356
Elliott-Mefford Tract Improvements			\$599,900	\$7,180,190		\$7,780,090
Pratt St Improvements				\$131,655	\$1,504,779	\$1,636,433
Oaks St Improvements				\$97,438	\$1,138,963	\$1,236,401
Bardsley/Morrison Sidewalk Improvements	\$43,000					\$43,000
RSTP Funding Program	\$590,669	\$590,669	\$590,669	\$590,669	\$590,669	\$2,953,345
Streets	\$689,500	\$784,500	\$784,500	\$784,500	\$784,500	\$3,827,500
Annual Transportation - Pavement Management	\$271,000	\$366,000	\$366,000	\$366,000	\$366,000	\$1,735,000
Annual Transportation Maintenance	\$418,500	\$418,500	\$418,500	\$418,500	\$418,500	\$2,092,500
Grand Total	\$13,974,589	\$16,904,941	\$17,891,628	\$16,119,628	\$17,400,777	\$82,291,564

City of Tulare
2017-2022 Projects Budget
TRANSPORTATION PROJECTS

FUNDING SOURCES	FISCAL YEARS					Grand Total
	2017-2018	2018-2019	2019-2020	2020-2021	2021-2022	
010 Water Bonds	\$2,579,535	\$2,988,421	\$2,296,390	\$4,634,321	\$5,590,235	\$18,088,903
021 Measure R Local	\$735,085	\$869,331	\$2,795,584	\$1,100,000	\$1,100,000	\$6,600,000
022 GAS TAX	\$3,663,497	\$1,209,411	\$2,787,755	\$2,337,518	\$2,911,714	\$12,909,894
260 DIF Water Supply FAC		\$8,600	\$8,600			\$17,200
601 Other General Fund CIP	\$28,000					\$28,000
615 SEWER/WASTEWATER CIP	\$1,199,192	\$3,476,096	\$4,504,250	\$5,418,429	\$5,189,059	\$19,787,026
643 Franchise Fee (Solid Waste)	\$100,000	\$100,000	\$100,000	\$100,000	\$100,000	\$500,000
643 General Fund Transportation Materials	\$304,100	\$304,100	\$304,100	\$304,100	\$304,100	\$1,520,500
643 RDA	\$244,479	\$2,447,577	\$1,307,944			\$4,000,000
643 RSTP	\$590,669	\$590,669	\$590,669	\$590,669	\$590,669	\$2,953,345
647 SURFACE WATER CIP	\$1,507,994	\$1,125,905	\$1,211,505	\$1,009,591	\$990,000	\$5,844,996
ST0007-0001-0601 (Gas Tax)	\$50,000					\$50,000
021 Measure R OWP	\$35,000	\$35,000	\$35,000	\$35,000	\$35,000	\$175,000
077 CDBG	\$390,000					\$390,000
077 Redevelopment CDBG	\$390,000	\$390,000	\$390,000	\$390,000	\$390,000	\$1,950,000
230 DIF LOCAL STREETS AND TRAFFIC SIGNALS	\$1,766,520	\$75,000	\$75,000			\$1,916,520
301 DIF - STORM DRAIN FAC	\$11,408	\$68,370	\$68,370			\$148,148
250 DIF - STS/Medians/Landscaping		\$125,280	\$125,280			\$250,560
290 DIF - Sewage & Wastewater Facility		\$19,500	\$19,500			\$39,000
643 LTF		\$1,800,000				\$1,800,000
TBD - Cartmill Sewer/Wastewater Benefit District	\$96,893	\$580,644	\$580,644			\$1,258,180
TBD - Cartmill Water - Benefit District	\$82,217	\$491,038	\$491,038			\$1,064,293
001 Measure I	\$200,000	\$200,000	\$200,000	\$200,000	\$200,000	\$1,000,000
Grand Total	\$13,974,589	\$16,904,941	\$17,891,628	\$16,119,628	\$17,400,777	\$82,291,564

CAPITAL INVESTMENT PROGRAM TRANSPORTATION PROJECT MAP 2017-2018



LEGEND

- DISTRICT 1**
- DISTRICT 2**
- DISTRICT 3**
- DISTRICT 4**
- DISTRICT 5**

TRANSPORTATION PROJECTS LOCATION

TRANSPORTATION PROJECT

PROJECT #ST0006	ACCT # 643-4643-2031
Annual Transportation - Pavement Management	
(Operations)	
(Maintenance & Repair)	
District(s): 1,2,3,4,5	

PROJECT MANAGER: Bobby Dykes

PROJECT DESCRIPTION & PURPOSE: Annual transportation minor replacement program addresses transportation maintenance and operations items by doing minor repairs such as pothole repair, crack sealing and asphalt rejuvenation.

KEY POINTS: Annual project

PROJECT STATUS: Approved by TMT on 9/23/16

PROJECTED START DATE: 7/1/2017

PROJECTED END DATE: 6/30/2022

FUTURE M & O: No additional Cost
(Additional Cost & Department Responsibility)

CRITERIA (1-8): Criteria 5: Project extends an existing City Program or function to meet the Council's vision and explicit direction.

Costs Description	Fiscal Year					Total	Unfunded
	2017/18	2018/19	2019/20	2020/21	2021/22		
Alleys	\$31,000	\$31,000	\$31,000	\$31,000	\$31,000	\$ 155,000.00	\$ -
Asphalt Repair (Pothole & Crack Seal)	\$40,000	\$135,000	\$135,000	\$135,000	\$135,000	\$ 580,000.00	\$ -
Pavement Preservation	\$200,000	\$200,000	\$200,000	\$200,000	\$200,000	\$1,000,000	\$ -
Total Costs:	\$271,000	\$366,000	\$366,000	\$366,000	\$366,000	\$1,735,000	\$ -
Funding Sources							
022 - Gas Tax	\$29,400	\$29,400	\$29,400	\$29,400	\$29,400	\$147,000	\$ -
643 - General Fund Transportation Materials	\$36,600	\$36,600	\$36,600	\$36,600	\$36,600	\$183,000	\$ -
643 -Franchise Fee (Solid Waste)	\$5,000	\$100,000	\$100,000	\$100,000	\$100,000	\$405,000	\$ -
001 - Measure 'I'	\$200,000	\$200,000	\$200,000	\$200,000	\$200,000	\$1,000,000	\$ -
Total Funding:	\$271,000	\$366,000	\$366,000	\$366,000	\$366,000	\$1,735,000	\$ -

TRANSPORTATION PROJECT

PROJECT #ST0007	ACCT # 643-4643-2014
Annual Transportation Maintenance	
(Operations)	
(Maintenance & Repair)	
District(s): 1,2,3,4,5	

PROJECT MANAGER: Bobby Dykes

PROJECT DESCRIPTION & PURPOSE: Annual transportation maintenance program to address transportation maintenance and operations such as traffic safety, signal maintenance, roadway lighting, roadway striping and school safety.

KEY POINTS: Annual project

PROJECT STATUS: Approved by TMT on 9/23/16

PROJECTED START DATE: 7/1/2017

PROJECTED END DATE: 6/30/2022

FUTURE M & O: No additional Cost
(Additional Cost & Department Responsibility)

CRITERIA (1-8): Criteria 5: Project extends an existing City Program or function to meet the Council's vision and explicit direction.

Costs Description	Fiscal Year					Total	Unfunded
	2017/18	2018/19	2019/20	2020/21	2021/22		
Concrete Repair - City Facilities	\$71,000	\$71,000	\$71,000	\$71,000	\$71,000	\$355,000	\$ -
Concrete Repair - ROW	\$32,000	\$32,000	\$32,000	\$32,000	\$32,000	\$160,000	\$ -
City Crosswalks	\$30,500	\$30,500	\$30,500	\$30,500	\$30,500	\$152,500	\$ -
City Striping - Annual Contract	\$47,000	\$47,000	\$47,000	\$47,000	\$47,000	\$235,000	\$ -
Non-School Bike/Ped	\$39,500	\$39,500	\$39,500	\$39,500	\$39,500	\$197,500	\$ -
Roadway Lighting	\$30,000	\$30,000	\$30,000	\$30,000	\$30,000	\$150,000	\$ -
Sign Maintenance	\$40,000	\$40,000	\$40,000	\$40,000	\$40,000	\$200,000	\$ -
Signal Maintenance	\$40,000	\$40,000	\$40,000	\$40,000	\$40,000	\$200,000	\$ -
Urgency Items (Repairs)	\$50,000	\$50,000	\$50,000	\$50,000	\$50,000	\$250,000	\$ -
Non-Conforming Design Features	\$38,500	\$38,500	\$38,500	\$38,500	\$38,500	\$192,500	\$ -
Total Costs:	\$418,500	\$418,500	\$418,500	\$418,500	\$418,500	\$2,092,500	\$ -
Funding Sources							
022 - Gas Tax	\$196,000	\$196,000	\$196,000	\$196,000	\$196,000	\$980,000	\$ -
643 - General Fund Transportation Materials	\$222,500	\$222,500	\$222,500	\$222,500	\$222,500	\$1,112,500	\$ -
Total Funding:	\$418,500	\$418,500	\$418,500	\$418,500	\$418,500	\$2,092,500	\$ -

TRANSPORTATION PROJECT

PROJECT #EN0060	ACCT# 643-4643-2017
Transportation Planning	610-4610-2017 615-4615-2017
(Capital)	
(Annual)	
District(s): 1,2,3,4,5	

PROJECT MANAGER: Nick Bartsch

PROJECT DESCRIPTION & PURPOSE: Annual project for the planning of transportation and utility related maintenance, improvement and expansion projects.

KEY POINTS: Annual project

PROJECT STATUS: Approved by TMT on 9/23/16

PROJECTED START DATE: 7/1/2017

PROJECTED END DATE: 6/30/2022

FUTURE M & O: No additional Cost
(Additional Cost & Department Responsibility)

CRITERIA (1-8): Criteria 7: Project addresses regulatory, safety, or environmental requirements that could threaten in whole or in part the City's ability to operate a core program or function at some future time if not replaced or repaired.

	Fiscal Year					Total	Unfunded
	2017/18	2018/19	2019/20	2020/21	2021/22		
Costs Description							
Consultant Engineer	\$15,000	\$15,000	\$15,000	\$15,000	\$15,000	\$75,000	\$ -
Development Services Time	\$12,500	\$12,500	\$12,500	\$12,500	\$12,500	\$62,500	\$ -
Project Management Time	\$20,000	\$20,000	\$20,000	\$20,000	\$20,000	\$100,000	\$ -
Streets Time	\$7,500	\$7,500	\$7,500	\$7,500	\$7,500	\$37,500	\$ -
Sewer Time	\$7,500	\$7,500	\$7,500	\$7,500	\$7,500	\$37,500	\$ -
Water Time	\$7,500	\$7,500	\$7,500	\$7,500	\$7,500	\$37,500	\$ -
Total Costs:	\$70,000	\$70,000	\$70,000	\$70,000	\$70,000	\$350,000	\$ -
Funding Sources							
022 - Gas Tax	\$50,000	\$50,000	\$50,000	\$50,000	\$50,000	\$250,000	\$ -
021 - Measure R Local	\$0	\$0	\$0	\$0	\$0	\$0	\$ -
615 - SEWER/WASTEWATER CIP	\$10,000	\$10,000	\$10,000	\$10,000	\$10,000	\$50,000	\$ -
010 - Water Bonds	\$10,000	\$10,000	\$10,000	\$10,000	\$10,000	\$50,000	\$ -
Total Funding:	\$70,000	\$70,000	\$70,000	\$70,000	\$70,000	\$350,000	\$ -

TRANSPORTATION PROJECT

PROJECT #EN0061
Annual Transportation Expansion
(Capital)
(Annual)
District(s): 1,2,3,4,5

PROJECT MANAGER: Michael Miller

PROJECT DESCRIPTION & PURPOSE: Annual transportation expansion project will include any new construction of transportation system facilities that enlarge the capacity and/or reach of the City's transportation system.

KEY POINTS: Annual project; Annual Allocations in years 2017/18 - 2019/20 have been programmed into the Cartmill/Hillman project.

PROJECT STATUS: Approved by TMT on 9/23/16

PROJECTED START DATE: 7/1/2017

PROJECTED END DATE: 6/30/2022

FUTURE M & O:
(Additional Cost & Department Responsibility) No additional Cost

CRITERIA (1-8): Criteria 5: Project extends an existing City Program or function to meet the Council's vision and explicit direction.

Costs Description	Fiscal Year					Total	Unfunded
	2017/18	2018/19	2019/20	2020/21	2021/22		
Priority/Growth Area Improvements	\$278,000	\$278,000	\$278,000	\$278,000	\$278,000	\$556,000	\$ -
New Traffic Signal	\$175,000	\$175,000	\$175,000	\$175,000	\$175,000	\$875,000	
New Street Lights	\$25,000	\$25,000	\$25,000	\$25,000	\$25,000	\$125,000	
Safe Schools	\$15,000	\$15,000	\$15,000	\$15,000	\$15,000	\$75,000	
Traffic Safety (Enhancements)	\$88,300	\$88,300	\$88,300	\$88,300	\$88,300	\$441,500	
Bus Stops	\$0	\$0	\$0	\$0	\$0	\$0	
Total Costs:	\$303,300	\$303,300	\$303,300	\$581,300	\$581,300	\$2,072,500	\$ -
Funding Sources							
021 - Measure R Local	\$258,300	\$258,300	\$258,300	\$536,300	\$536,300	\$1,847,500	\$ -
643 - General Fund Transportation Materials	\$45,000	\$45,000	\$45,000	\$45,000	\$45,000	\$225,000	
Total Funding:	\$303,300	\$303,300	\$303,300	\$581,300	\$581,300	\$2,072,500	\$ -

TRANSPORTATION PROJECT

PROJECT #EN0062	ACCT # 643-4643-2017
Annual Transportation Studies/Admin.	
(Capital)	
(Study)	
District(s): 1,2,3,4,5	

PROJECT MANAGER: Michael Miller

PROJECT DESCRIPTION & PURPOSE: Annual transportation - Studies/Administration project performs required studies and provides the administration oversight and planning for the transportation system.

KEY POINTS: Annual project

PROJECT STATUS: Approved by TMT on 9/23/16

PROJECTED START DATE: 7/1/2017

PROJECTED END DATE: 6/30/2022

FUTURE M & O:
(Additional Cost & Department Responsibility) No additional Cost

CRITERIA (1-8): Criteria 5: Project extends an existing City Program or function to meet the Council's vision and explicit direction.

	Fiscal Year					Total	Unfunded
	2017/18	2018/19	2019/20	2020/21	2021/22		
Costs Description							
Annual Traffic Count Program	\$9,000	\$9,000	\$9,000	\$9,000	\$9,000	\$ 45,000.00	\$ -
Basic Administration	\$40,000	\$40,000	\$40,000	\$40,000	\$40,000	\$200,000	\$ -
PMS Software License	\$3,500	\$3,500	\$3,500	\$3,500	\$3,500	\$17,500	\$ -
Speed Zone Surveys (5-year recurrence)	\$5,000	\$5,000	\$5,000	\$35,000	\$5,000	\$55,000	\$ -
Traffic Signal Timing Plan Updates	\$26,000	\$26,000	\$26,000	\$26,000	\$26,000	\$130,000	\$ -
Warrant Studies	\$18,000	\$18,000	\$18,000	\$18,000	\$18,000	\$90,000	\$ -
ADA Surveys	\$25,000	\$25,000	\$25,000	\$25,000	\$25,000	\$125,000	\$ -
Total Costs:	\$126,500	\$126,500	\$126,500	\$156,500	\$126,500	\$662,500	\$ -
Funding Sources							
022 - Gas Tax	\$91,500	\$91,500	\$91,500	\$121,500	\$91,500	\$487,500	\$ -
021 - Measure 'R' OWP	\$ 35,000	\$ 35,000	\$ 35,000	\$ 35,000	\$ 35,000	\$ 175,000	\$ -
021 - Measure 'R' Local	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Total Funding:	\$126,500	\$126,500	\$126,500	\$156,500	\$126,500	\$662,500	\$ -

TRANSPORTATION PROJECT (PMS)

PROJECT #EN0064 (enR2015-3)	ACCT # 643-4643-6841
'E' St. - Badsley to Pleasant	610-4610-6841
R-EN.16.17 PMS E Alpine to Tulare	615-4615-6841
(CIP)	647-4647-6841

PROJECT MANAGER: Nick Bartsch

PROJECT DESCRIPTION & PURPOSE: Pavement Management System project on E Street between Bardsley Avenue and Pleasant Avenue. Includes ADA Concrete work and Water facilities.

KEY POINTS: Traffic safety; Relief from potential liability concerns; Compliance to the American Disabilities Act

PROJECT STATUS: *Construction: Summer 2017* ; Approved by TMT on 2/27/15

PROJECTED START DATE: 3/1/2016

PROJECTED END DATE: 12/31/2017

FUTURE M & O: None

CRITERIA (1-8): Criteria 7: Project addresses regulatory, safety, or environmental requirements that could threaten in whole or in part the City's ability to operate a core program or function at some future time if not replaced or repaired.

Costs Description	Fiscal Year					Total	Unfunded
	2016/17	2017/18	2018/19	2019/20	2020/21		
001 - Conceptual	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0	\$0.00
002 - Preliminary Design	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0	\$0.00
003 - Environmental	\$6,000.00	\$0.00	\$0.00	\$0.00	\$0.00	\$6,000	\$0.00
004 - Final Design	\$280,065.81	\$0.00	\$0.00	\$0.00	\$0.00	\$280,066	\$0.00
005 - Construct/Impliment	\$0.00	\$5,219,628.99	\$0.00	\$0.00	\$0.00	\$5,219,629	\$0.00
006 - Close Out	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0	\$0.00
Total Costs:	\$286,065.81	\$5,219,628.99	\$0.00	\$0.00	\$0.00	\$5,505,695	\$0.00
Funding Sources							
022 - Gas Tax	\$157,833.90	\$2,489,877.25	\$0.00	\$0.00	\$0.00	\$2,647,711	\$0.00
077 - CDBG	\$0.00	\$390,000.00	\$0.00	\$0.00	\$0.00	\$390,000	\$0.00
021 - Measure 'R' Local	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0	\$0.00
010 - Water Bonds CIP	\$58,378.74	\$1,065,193.32	\$0.00	\$0.00	\$0.00	\$1,123,572	\$0.00
615 - Sewer/Wastewater CIP	\$22,446.47	\$409,563.88	\$0.00	\$0.00	\$0.00	\$432,010	\$0.00
647 - Surface Water CIP	\$47,406.70	\$864,994.55	\$0.00	\$0.00	\$0.00	\$912,401	\$0.00
Total Funding:	\$286,065.81	\$5,219,629.00	\$0.00	\$0.00	\$0.00	\$5,505,695	\$0.00

TRANSPORTATION PROJECT

PROJECT #EN0070 (PMS 2)	ACCT #	643-4643-6839
'I' St.-Owens Improvements		610-4610-6839 615-4615-6839
(Capital)		647-4647-6839
(Capital)		
District(s): 2, 3		

PROJECT MANAGER: Nick Bartsch

PROJECT DESCRIPTION & PURPOSE: Pavement Management System / Utility project on 'I' St. between San Joaquin and Pleasant; Owens between 'E' St. and 'I' St. Includes ADA Concrete work, Water, Sewer and Surface Water facilities.

KEY POINTS: Critical Utility Infrastructure Improvements; **Increased capacity from a proposed new well site;** Traffic safety; Relief from potential liability concerns; Compliance to the American Disabilities Act

PROJECT STATUS: Approved by TMT on 9/23/16

PROJECTED START DATE: 1/1/2017

PROJECTED END DATE: 6/30/2018

FUTURE M & O: No additional Cost
(Additional Cost & Department Responsibility)

CRITERIA (1-8): Criteria 7: Project addresses regulatory, safety, or environmental requirements that could threaten in whole or in part the City's ability to operate a core program or function at some future time if not replaced or repaired.

Costs Description	Fiscal Year					Total	Unfunded
	2016/17	2017/18	2018/19	2019/20	2020/21		
001 - Conceptual	\$0	\$0	\$0	\$0	\$0	\$ -	\$ -
002 - Preliminary Design	\$0	\$0	\$0	\$0	\$0	\$ -	\$ -
003 - Environmental	\$6,000	\$0	\$0	\$0	\$0	\$6,000	\$ -
004 - Final Design	\$252,600	\$0	\$0	\$0	\$0	\$252,600	\$ -
005 - Construct/Impliment	\$0	\$3,031,077	\$0	\$0	\$0	\$3,031,077	\$ -
006 - Close Out	\$0	\$0	\$0	\$0	\$0	\$ -	\$ -
Total Costs:	\$258,600	\$3,031,077	\$0	\$0	\$0	\$3,289,677	\$ -
Funding Sources							
022 - Gas Tax	\$56,454	\$271,139	\$0	\$0	\$0	\$327,593	\$ -
021 - Measure R-Local	\$0	\$0	\$0	\$0	\$0	\$0	\$ -
077 - CDBG	\$0	\$390,000	\$0	\$0	\$0	\$390,000	\$ -
010 - Water Bonds	\$109,285	\$1,280,145	\$0	\$0	\$0	\$1,389,430	\$ -
615 - Sewer/Wastewater CIP	\$45,264	\$530,553	\$0	\$0	\$0	\$575,817	\$ -
647 - Surface Water CIP	\$47,598	\$559,239	\$0	\$0	\$0	\$606,837	\$ -
Total Funding:	\$258,600	\$3,031,077	\$0	\$0	\$0	\$3,289,677	\$ -

TRANSPORTATION PROJECT

PROJECT #EN0071	ACCT#	643-4643-6837
Prosperity Ave. - Blackstone Improvements		
(Capital)		
(Capital)		
District(s): 4		

PROJECT MANAGER: Nick Bartsch

PROJECT DESCRIPTION & PURPOSE: Pavement Management System / Traffic Safety project on Prosperity Ave. at Blackstone Avenue to approximately 395 feet east. Includes ADA Concrete work, signal upgrades and median improvements to expand the westbound Prosperity left turn lane to southbound Blackstone to allow for additional queuing and enhanced traffic safety, and bridge deck resurfacing/overlay.

KEY POINTS: Traffic safety Improvements; Relief from potential liability concerns; Compliance to the American Disabilities Act

PROJECT STATUS: Approved by TMT on 9/23/16

PROJECTED START DATE: 1/1/2017

PROJECTED END DATE: 6/30/2018

FUTURE M & O: No additional Cost
(Additional Cost & Department Responsibility)

CRITERIA (1-8): Criteria 7: Project addresses regulatory, safety, or environmental requirements that could threaten in whole or in part the City's ability to operate a core program or function at some future time if not replaced or repaired.

Costs Description	Fiscal Year					Total	Unfunded
	2016/17	2017/18	2018/19	2019/20	2021/22		
001 -Conceptual	\$0	\$0	\$0	\$0	\$0	\$ -	\$ -
002 - Preliminary Design	\$0	\$0	\$0	\$0	\$0	\$ -	\$ -
003 - Environmental	\$2,500	\$0	\$0	\$0	\$0	\$2,500	\$ -
004 - Final Design	\$37,500	\$0	\$0	\$0	\$0	\$37,500	\$ -
005 - Construct/Impliment	\$0	\$250,000	\$0	\$0	\$0	\$250,000	\$ -
006 - Close Out	\$0	\$0	\$0	\$0	\$0	\$ -	\$ -
Total Costs:	\$40,000	\$250,000	\$0	\$0	\$0	\$290,000	\$ -
Funding Sources							
022 - Gas Tax	\$40,000	\$250,000	\$0	\$0	\$0	\$290,000	\$ -
							\$ -
							\$ -
							\$ -
Total Funding:	\$40,000	\$250,000	\$0	\$0	\$0	\$290,000	\$ -

TRANSPORTATION PROJECT

PROJECT #EN0073	ACCT # 643-4643-6831
Cartmill-Hillman Improvements - Alternative 3	
(Capital)	
(Capital)	
District(s): 4,5	

PROJECT MANAGER: Nick Bartsch

PROJECT DESCRIPTION & PURPOSE: Pavement Management System / Traffic Safety / Utility project on Cartmill Ave. from the Cartmill Ave. Interchange at Highway 99 to De La Vina St. Includes the build out of Cartmill Ave. between the Interchange and Hillman St.; intersection and signal improvements at Hillman St. to allow for dedicated left-turn lanes, additional queuing and enhanced traffic safety; a new traffic signal at Retherford Street; Water, Sewer and Surface Water facility improvements along the Cartmill Avenue corridor.

KEY POINTS: Utility Infrastructure Improvements; Reduces traffic safety Improvements; Relief from potential liability concerns; System expansion for future development.

PROJECT STATUS: Approved by TMT on 9/23/16

PROJECTED START DATE: 2/1/2017

PROJECTED END DATE: 6/30/2020

FUTURE M & O: No additional Cost
(Additional Cost & Department Responsibility)

CRITERIA (1-8): Criteria 7: Project addresses regulatory, safety, or environmental requirements that could threaten in whole or in part the City's ability to operate a core program or function at some future time if not replaced or repaired.

Costs Description	Fiscal Year					Total	Unfunded
	2017/18	2018/19	2019/20	2020/21	2021/22		
001 - Conceptual	\$0	\$0	\$0	\$0	\$0	\$0	\$0
002 - Preliminary Design	\$0	\$0	\$0	\$0	\$0	\$0	\$0
003 - Environmental	\$1,939,020	\$0	\$0	\$0	\$0	\$1,939,020	\$0
004 - Final Design	\$556,262	\$0	\$0	\$0	\$0	\$556,262	\$0
005 - Construct/Impliment	\$0	\$3,496,173	\$3,496,173	\$0	\$0	\$3,412,602	\$3,579,743
006 - Close Out	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Total Costs:	\$2,495,282	\$3,496,173	\$3,496,173	\$0	\$0	\$5,907,885	\$3,579,743
Total:						\$9,487,628	
Funding Sources							
022 - Gas Tax	\$61,459	\$246,992	\$239,130	\$0	\$0	\$547,582	\$0
021 - Measure R Local	\$476,785	\$80,749	\$1,888,611	\$0	\$0	\$2,446,145	\$0
230 - DIF Local Streets and Traffic Signals	\$1,766,520	\$75,000	\$75,000	\$0	\$0	\$659,250	\$1,257,270
250 - DIF - STS/MEDIANS/LANDSCAPING	\$0	\$125,280	\$125,280	\$0	\$0	\$250,560	\$0
TBD - Cartmill Water Infrastructure	\$82,217	\$491,038	\$491,038	\$0	\$0		\$1,064,293
260 - DIF - WATER SUPPLY/DISTRIBUTION/HOLDING FAC	\$0	\$8,600	\$8,600	\$0	\$0	\$17,200	\$0
TBD - Cartmill Sewer/Wastewater Infrastructure	\$96,893	\$580,644	\$580,644	\$0	\$0		\$1,258,180
290 - DIF - SEWAGE COL & WASTEWATER TREATMENT FAC	\$0	\$19,500	\$19,500	\$0	\$0	\$39,000	\$0
647 - Surface Water CIP	\$0	\$0	\$0	\$0	\$0	\$0	\$0
301 - DIF - STORM DRAIN FAC	\$11,408	\$68,370	\$68,370	\$0	\$0	\$148,148	\$0
643 - LIT	\$0	\$1,800,000	\$0	\$0	\$0	\$1,800,000	\$0
Total Funding	\$2,495,282	\$3,496,173	\$3,496,173	\$0	\$0	\$5,907,885	\$3,579,743
Total:						\$9,487,628	

TRANSPORTATION PROJECT

PROJECT #EN0074	ACCT # 643-4643-6830
Cross Ave. Improvements	
(Capital)	
(Capital)	
District(s): 1	

PROJECT MANAGER: Nick Bartsch

PROJECT DESCRIPTION & PURPOSE:

Pavement Management System project on Cross Ave. between West Tulare and West St. Includes ADA Concrete work.

KEY POINTS:

Traffic safety; Relief from potential liability concerns; Compliance to the American Disabilities Act

PROJECT STATUS:

Approved by TMT on 9/23/16

PROJECTED START DATE:

7/1/2017

PROJECTED END DATE:

12/31/2018

FUTURE M & O:

(Additional Cost & Department Responsibility)

No additional Cost

CRITERIA (1-8):

Criteria 7: Project addresses regulatory, safety, or environmental requirements that could threaten in whole or in part the City's ability to operate a core program or function at some future time if not replaced or repaired.

Costs Description	Fiscal Year					Total	Unfunded
	2017/18	2018/19	2019/20	2020/21	2021/22		
001 -Conceptual	\$0	\$0	\$0	\$0	\$0	\$0	\$ -
002 - Preliminary Design	\$0	\$0	\$0	\$0	\$0	\$0	\$ -
003 - Environmental	\$2,500	\$0	\$0	\$0	\$0	\$2,500	\$ -
004 - Final Design	\$27,529	\$0	\$0	\$0	\$0	\$27,529	\$ -
005 - Construct/Impliment	\$0	\$328,488	\$0	\$0	\$0	\$328,488	\$ -
006 - Close Out	\$0	\$0	\$0	\$0	\$0	\$0	\$ -
Total Costs:	\$30,029	\$328,488	\$0	\$0	\$0	\$358,516	\$ -
Funding Sources							
022 - Gas Tax	\$30,029	\$193,988	\$0	\$0	\$0	\$224,016	\$ -
021 - Measure R-Local	\$0	\$134,500	\$0	\$0	\$0	\$134,500	\$ -
Total Funding:	\$30,029	\$328,488	\$0	\$0	\$0	\$358,516	\$ -

TRANSPORTATION PROJECT

PROJECT #EN0075	ACCT # 643-4643-6833
'J' St. Improvements	
(Capital)	
(Capital)	
District(s): 2,4	

PROJECT MANAGER: Nick Bartsch

PROJECT DESCRIPTION & PURPOSE: Pavement Management System project on 'J' St. between Sandra and 1,100 feet south of Cartmill Ave., and from 1,500 feet north of Cartmill Ave. to Highway 99 southbound off-ramp.

KEY POINTS: Traffic safety Improvements; Relief from potential liability concerns;

PROJECT STATUS: Approved by TMT on 9/23/16

PROJECTED START DATE: 7/1/2017

PROJECTED END DATE: 12/31/2017

FUTURE M & O: No additional Cost
(Additional Cost & Department Responsibility)

CRITERIA (1-8): Criteria 7: Project addresses regulatory, safety, or environmental requirements that could threaten in whole or in part the City's ability to operate a core program or function at some future time if not replaced or repaired.

	Fiscal Year					Total	Unfunded
	2017/18	2018/19	2019/20	2020/21	2021/22		
Costs Description							
001 - Conceptual	\$0	\$0	\$0	\$0	\$0	\$0	\$ -
002 - Preliminary Design	\$0	\$0	\$0	\$0	\$0	\$0	\$ -
003 - Environmental	\$0	\$0	\$0	\$0	\$0	\$0	\$ -
004 - Final Design	\$0	\$0	\$0	\$0	\$0	\$0	\$ -
005 - Construct/Impliment	\$95,000	\$0	\$0	\$0	\$0	\$95,000	\$ -
006 - Close Out	\$0	\$0	\$0	\$0	\$0	\$0	\$ -
Total Costs:	\$95,000	\$0	\$0	\$0	\$0	\$95,000	\$ -
Funding Sources							
643 - Franchise Fee (Solid Waste)	\$95,000	\$0	\$0	\$0	\$0	\$95,000	\$ -
Total Funding:	\$95,000	\$0	\$0	\$0	\$0	\$95,000	\$0

TRANSPORTATION PROJECT

PROJECT # EN0076	ACCT #: 643-4643-6834
'O' St. Improvements	610-4610-6834 615-4615-6834
(Capital)	647-4647-6834
(Capital)	
District(s): 3,4	

PROJECT MANAGER:

Nick Bartsch

PROJECT DESCRIPTION & PURPOSE:

Pavement Management System / Utility project on 'O' St. between Bardsley and Pleasant. Includes ADA Concrete work, Water, Sewer and Surface Water facility improvements.

KEY POINTS:

Utility Infrastructure Improvements; Traffic safety; Relief from potential liability concerns; Compliance to the American Disabilities Act

PROJECT STATUS:

Approved by TMT on 9/23/16

PROJECTED START DATE:

7/1/2017

PROJECTED END DATE:

12/31/2018

FUTURE M & O:

(Additional Cost & Department Responsibility)

No additional Cost

CRITERIA (1-8):

Criteria 7: Project addresses regulatory, safety, or environmental requirements that could threaten in whole or in part the City's ability to operate a core program or function at some future time if not replaced or repaired.

Costs Description	Fiscal Year					Total	Unfunded
	2017/18	2018/19	2019/20	2020/21	2021/22		
001 - Conceptual	\$0	\$0	\$0	\$0	\$0	\$ -	\$ -
002 - Preliminary Design	\$0	\$0	\$0	\$0	\$0	\$ -	\$ -
003 - Environmental	\$6,000	\$0	\$0	\$0	\$0	\$6,000	\$ -
004 - Final Design	\$428,436	\$0	\$0	\$0	\$0	\$428,436	\$ -
005 - Construct/Impliment	\$0	\$5,145,193	\$0	\$0	\$0	\$5,145,193	\$ -
006 - Close Out	\$0	\$0	\$0	\$0	\$0	\$ -	\$ -
Total Costs:	\$434,436	\$5,145,193	\$0	\$0	\$0	\$5,579,628	\$ -
Funding Sources							
643 - RDA	\$244,479	\$2,208,883	\$0	\$0	\$0	\$2,453,362	\$ -
077 - CDBG	\$0	\$390,000	\$0	\$0	\$0	\$390,000	\$ -
010 - Water Bonds	\$97,248	\$1,300,145	\$0	\$0	\$0	\$1,397,393	\$ -
615 - Sewer/Wastewater CIP	\$71,939	\$1,001,284	\$0	\$0	\$0	\$1,073,223	\$ -
647 - Surface Water CIP	\$20,770	\$244,880	\$0	\$0	\$0	\$265,650	\$ -
Total Funding:	\$434,436	\$5,145,193	\$0	\$0	\$0	\$5,579,628	\$ -

TRANSPORTATION PROJECT

PROJECT #EN0077	ACCT #	643-4643-6835
Cherry-Bash Alley Improvements		610-4610-6835 615-4615-6835
(Capital)		647-4647-6835
(Capital)		
District(s): 4		

PROJECT MANAGER:

Nick Bartsch

PROJECT DESCRIPTION & PURPOSE:

Pavement Management System / Utility project on Cherry St. between Tulare Ave. and Merritt Ave.; Bash Alley between Gem St. and Cherry St.; Gem/Auburn Alley between Cross Ave. and Terrance Ave.; Auburn/Cherry Alley between Cross Ave. and Bash Alley; Lyndale Dr. between Cherry St. and Blackstone St. Includes ADA Concrete work, Water, Sewer and Surface Water facilities.

KEY POINTS:

Critical Utility Infrastructure Improvements; Traffic safety; Relief from potential liability concerns; Compliance to the American Disabilities Act

PROJECT STATUS:

Approved by TMT on 9/23/16

PROJECTED START DATE:

7/1/2017

PROJECTED END DATE:

12/31/2018

FUTURE M & O:

(Additional Cost & Department Responsibility)

No additional Cost

CRITERIA (1-8):

Criteria 7: Project addresses regulatory, safety, or environmental requirements that could threaten in whole or in part the City's ability to operate a core program or function at some future time if not replaced or repaired.

Costs Description	Fiscal Year					Total	Unfunded
	2017/18	2018/19	2019/20	2020/21	2021/22		
001 - Conceptual	\$0	\$0	\$0	\$0	\$0	\$ -	\$ -
002 - Preliminary Design	\$0	\$0	\$0	\$0	\$0	\$ -	\$ -
003 - Environmental	\$2,500	\$0	\$0	\$0	\$0	\$2,500	\$ -
004 - Final Design	\$423,667	\$0	\$0	\$0	\$0	\$423,667	\$ -
005 - Construct/Impliment	\$0	\$5,091,358	\$0	\$0	\$0	\$5,091,358	\$ -
006 - Close Out	\$0	\$0	\$0	\$0	\$0	\$ -	\$ -
Total Costs:	\$426,167	\$5,091,358	\$0	\$0	\$0	\$5,517,525	\$ -
Funding Sources							
022 - Gas Tax	\$59,092	\$309,575	\$0	\$0	\$0	\$368,667	\$ -
021 - Measure R-Local	\$0	\$395,782	\$0	\$0	\$0	\$395,782	\$ -
010 - Water Bonds	\$126,949	\$1,515,692	\$0	\$0	\$0	\$1,642,641	\$ -
615 - Sewer/Wastewater CIP	\$177,136	\$2,118,752	\$0	\$0	\$0	\$2,295,887	\$ -
647 - Surface Water CIP	\$62,991	\$751,557	\$0	\$0	\$0	\$814,548	\$ -
Total Funding:	\$426,167	\$5,091,358	\$0	\$0	\$0	\$5,517,525	\$ -

TRANSPORTATION PROJECT

PROJECT #EN0078	ACCT # 643-4643-6836
Bardsley/Morrison St. Sidewalk Improvements at Mission Oak High School	
(Capital)	
(Capital)	
District(s): 5	

PROJECT MANAGER: Nick Bartsch

PROJECT DESCRIPTION & PURPOSE: Traffic Safety project on Bardsley Ave., east of Morrison St. Includes ADA Concrete work. The project addresses a safety concern pertaining to the last remaining non-continuous section of sidewalk on the North side of Bardsley, between Morrison and Oakmore St.

KEY POINTS: Critical Utility Infrastructure Improvements; Traffic safety; Relief from potential liability concerns; Compliance to the American Disabilities Act. Project acquires right-of-way and installs curb, gutter and sidewalk.

PROJECT STATUS: Approved by TMT on 9/23/16

PROJECTED START DATE: 2/1/2017

PROJECTED END DATE: 12/31/2017

FUTURE M & O: No additional Cost
(Additional Cost & Department Responsibility)

CRITERIA (1-8): Criteria 7: Project addresses regulatory, safety, or environmental requirements that could threaten in whole or in part the City's ability to operate a core program or function at some future time if not replaced or repaired.

Costs Description	Fiscal Year					Total	Unfunded
	2016/17	2017/18	2018/19	2019/20	2020/21		
001 - Conceptual	\$0	\$0	\$0	\$0	\$0	\$ -	\$ -
002 - Preliminary Design	\$0	\$0	\$0	\$0	\$0	\$ -	\$ -
003 - Environmental	\$10,000	\$0	\$0	\$0	\$0	\$10,000	\$ -
004 - Final Design	\$7,000	\$0	\$0	\$0	\$0	\$7,000	\$ -
005 - Construct/Impliment	\$0	\$43,000	\$0	\$0	\$0	\$43,000	\$ -
006 - Close Out	\$0	\$0	\$0	\$0	\$0	\$ -	\$ -
Total Costs:	\$17,000	\$43,000	\$0	\$0	\$0	\$60,000	\$ -
Funding Sources							
012 - Gas Tax	\$17,000	\$43,000	\$0	\$0	\$0	\$60,000	\$ -
Total Funding:	\$17,000	\$43,000	\$0	\$0	\$0	\$60,000	\$ -

Transportation Project

PROJECT #EN0079	Acct. # 643-4643-2017
ADA PRow Transition Plan	
(Capital)	
(Capital)	
Districts 1, 2, 3, 4, 5	

PROJECT MANAGER: Michael Miller

PROJECT DESCRIPTION & PURPOSE: Create transition plan for Public Right-of-Way as required by the American's with Disabilities Act (ADA).

KEY POINTS: Public Right-of-Ways need to be evaluated per ADA. Transition Plan needs to be reviewed by all departments regularly and incorporated into future projects.

PROJECT STATUS: Request for funding, mid-year project request.

PROJECTED START DATE: 7/1/2017

PROJECTED END DATE: 12/31/2017

FUTURE M & O: No additional M&O required however, each department should regularly consult Transition Plan.
(Additional Cost & Department Responsibility)

CRITERIA (1-8): Criteria 1: Project corrects immediate and urgent public health or public safety issue.

	Fiscal Year					Total	Unfunded
	2017/2018	2018/2019	2019/2020	2020/2021	2021/2022		
Costs Description							
Staff Time	\$5,000	\$0	\$0	\$0	\$0	\$5,000	\$0
Consultant	\$150,000	\$0	\$0	\$0	\$0	\$150,000	\$0
Contingency	\$15,000	\$0	\$0	\$0	\$0	\$15,000	\$0
	\$0	\$0	\$0	\$0	\$0	\$0	\$0
	\$0	\$0	\$0	\$0	\$0	\$0	\$0
	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Total Costs:	\$170,000	\$0	\$0	\$0	\$0	\$170,000	\$0
Funding Sources							
601 Other General Fund CIP	\$28,000	\$0	\$0	\$0	\$0	\$28,000	\$0
ST0007-0001-0601 (Gas Tax)	\$50,000	\$0	\$0	\$0	\$0	\$50,000	\$0
022 Gas Tax Fund Balance	\$92,000	\$0	\$0	\$0	\$0	\$92,000	\$0
Total Funding:	\$170,000	\$0	\$0	\$0	\$0	\$170,000	\$0

TRANSPORTATION PROJECT

PROJECT #EN0080	ACCT # 643-4643-6838
RSTP Funding Program	
(Capital)	
(Capital)	
District(s): 1,2,3,4,5	

PROJECT MANAGER: Nick Bartsch

PROJECT DESCRIPTION & PURPOSE:

Pavement Management System project to utilize RSTP funding to make improvements to SR137 and SR63 within the City limits.

KEY POINTS:

Traffic safety; Relief from potential liability concerns; Compliance to the American Disabilities Act

PROJECT STATUS:

Approved by TMT on 9/23/16

PROJECTED START DATE:

10/1/2014

PROJECTED END DATE:

6/30/2022

FUTURE M & O:

(Additional Cost & Department Responsibility)

No additional Cost

CRITERIA (1-8):

Criteria 7: Project addresses regulatory, safety, or environmental requirements that could threaten in whole or in part the City's ability to operate a core program or function at some future time if not replaced or repaired.

	Fiscal Year					Total	Unfunded
	2017/18	2018/19	2019/20	2020/21	2021/22		
Costs Description							
001 - Conceptual	\$0	\$0	\$0	\$0	\$0	\$0	\$0
002 - Preliminary Design	\$0	\$0	\$0	\$0	\$0	\$0	\$0
003 - Environmental	\$0	\$0	\$0	\$0	\$0	\$0	\$0
004 - Final Design	\$0	\$0	\$0	\$0	\$0	\$0	\$0
005 - Construct/Impliment	\$590,669	\$590,669	\$590,669	\$590,669	\$590,669	\$2,953,345	\$0
006 - Close Out	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Total Costs:	\$590,669	\$590,669	\$590,669	\$590,669	\$590,669	\$2,953,345	\$0
Funding Sources							
643 - RSTP	\$590,669	\$590,669	\$590,669	\$590,669	\$590,669	\$2,953,345	\$0
Total Funding:	\$590,669	\$590,669	\$590,669	\$590,669	\$590,669	\$2,953,345	\$0

TRANSPORTATION PROJECT

PROJECT #EN2014-06
Maple Ave. Improvements
(Capital)
(Capital)
District(s): 1,2

PROJECT MANAGER: Nick Bartsch

PROJECT DESCRIPTION & PURPOSE: Pavement Management System / Utility project on Maple Ave. between Sacramento and 'E' St. Includes ADA Concrete work, Sewer and Surface Water facility improvements.

KEY POINTS: Utility Infrastructure Improvements; Traffic safety; Relief from potential liability concerns; Compliance to the American Disabilities Act

PROJECT STATUS: Approved by TMT on 9/23/16

PROJECTED START DATE: 7/1/2018

PROJECTED END DATE: 12/31/2019

FUTURE M & O: No additional Cost
(Additional Cost & Department Responsibility)

CRITERIA (1-8): Criteria 7: Project addresses regulatory, safety, or environmental requirements that could threaten in whole or in part the City's ability to operate a core program or function at some future time if not replaced or repaired.

	Fiscal Year					Total	Unfunded
	2017/18	2018/19	2019/20	2020/21	2021/22		
Costs Description							
001 - Conceptual	\$0	\$0	\$0	\$0	\$0	\$ -	\$ -
002 - Preliminary Design	\$0	\$0	\$0	\$0	\$0	\$ -	\$ -
003 - Environmental	\$0	\$6,000	\$0	\$0	\$0	\$6,000	\$ -
004 - Final Design	\$0	\$80,473	\$0	\$0	\$0	\$80,473	\$ -
005 - Construct/Impliment	\$0	\$0	\$961,545	\$0	\$0	\$961,545	\$ -
006 - Close Out	\$0	\$0	\$0	\$0	\$0	\$ -	\$ -
Total Costs:	\$0	\$86,473	\$961,545	\$0	\$0	\$1,048,018	\$ -
Funding Sources							
022 - Gas Tax	\$0	\$41,939	\$382,904	\$0	\$0	\$424,844	\$ -
021 - Measure R-Local	\$0	\$0	\$0	\$0	\$0	\$ -	\$ -
077 - CDBG	\$0	\$0	\$90,000	\$0	\$0	\$90,000	\$ -
010 - Water Bonds	\$0	\$0	\$0	\$0	\$0	\$ -	\$ -
615 - Sewer/Wastewater CIP	\$0	\$39,345	\$432,229	\$0	\$0	\$471,574	\$ -
647 - Surface Water CIP	\$0	\$5,188	\$56,412	\$0	\$0	\$61,600	\$ -
Total Funding:	\$0	\$86,473	\$961,545	\$0	\$0	\$1,048,018	\$ -

TRANSPORTATION PROJECT

PROJECT #EN2016-03
Sonora Ave. Improvements
(Capital)
(Capital)
District(s): 1, 2

PROJECT MANAGER: Nick Bartsch

PROJECT DESCRIPTION & PURPOSE: Pavement Management System / Utility project on Sonora Ave. between West and 'E' St. Includes ADA Concrete work, Water, Sewer and Surface Water facilities.

KEY POINTS: Critical Utility Infrastructure Improvements; Traffic safety; Relief from potential liability concerns; Compliance to the American Disabilities Act

PROJECT STATUS: Approved by TMT on 9/23/16

PROJECTED START DATE: 7/1/2018

PROJECTED END DATE: 12/31/2019

FUTURE M & O: No additional Cost
(Additional Cost & Department Responsibility)

CRITERIA (1-8): Criteria 7: Project addresses regulatory, safety, or environmental requirements that could threaten in whole or in part the City's ability to operate a core program or function at some future time if not replaced or repaired.

Costs Description	Fiscal Year					Total	Unfunded
	2017/18	2018/19	2019/20	2020/21	2021/22		
001 - Conceptual	\$0	\$0	\$0	\$0	\$0	\$ -	\$ -
002 - Preliminary Design	\$0	\$0	\$0	\$0	\$0	\$ -	\$ -
003 - Environmental	\$0	\$2,500	\$0	\$0	\$0	\$2,500	\$ -
004 - Final Design	\$0	\$182,641	\$0	\$0	\$0	\$182,641	\$ -
005 - Construct/Impliment	\$0	\$0	\$2,193,435	\$0	\$0	\$2,193,435	\$ -
006 - Close Out	\$0	\$0	\$0	\$0	\$0	\$ -	\$ -
Total Costs:	\$0	\$185,141	\$2,193,435	\$0	\$0	\$2,378,576	\$ -
Funding Sources							
022 - Gas Tax	\$0	\$50,017	\$425,232	\$0	\$0	\$475,249	\$ -
021 - Measure R-Local	\$0	\$0	\$169,500	\$0	\$0	\$169,500	\$ -
010 - Water Bonds	\$0	\$18,115	\$214,159	\$0	\$0	\$232,274	\$ -
615 - Sewer/Wastewater CIP	\$0	\$84,325	\$998,067	\$0	\$0	\$1,082,393	\$ -
647 - Surface Water CIP	\$0	\$32,684	\$386,476	\$0	\$0	\$419,160	\$ -
Total Funding:	\$0	\$185,141	\$2,193,435	\$0	\$0	\$2,378,576	\$ -

TRANSPORTATION PROJECT

PROJECT #EN2016-04
Sacramento-Pleasant Improvements
(Capital)
(Capital)
District(s): 1, 2

PROJECT MANAGER: Nick Bartsch

PROJECT DESCRIPTION & PURPOSE: Pavement Management System / Utility project on Sacramento St. between Sonora and Pleasant; Sacramento St. between Bardsley and Elm; Pleasant Ave, between Cromley and 'H'. Includes ADA Concrete work, Water, Sewer and Surface Water facilities.

KEY POINTS: Critical Utility Infrastructure Improvements; Traffic safety; Relief from potential liability concerns; Compliance to the American Disabilities Act

PROJECT STATUS: Approved by TMT on 9/23/16

PROJECTED START DATE: 7/1/2018

PROJECTED END DATE: 12/31/2019

FUTURE M & O: No additional Cost
(Additional Cost & Department Responsibility)

CRITERIA (1-8): Criteria 7: Project addresses regulatory, safety, or environmental requirements that could threaten in whole or in part the City's ability to operate a core program or function at some future time if not replaced or repaired.

	Fiscal Year					Total	Unfunded
	2017/18	2018/19	2019/20	2020/21	2021/22		
Costs Description							
001 - Conceptual	\$0	\$0	\$0	\$0	\$0	\$ -	\$ -
002 - Preliminary Design	\$0	\$0	\$0	\$0	\$0	\$ -	\$ -
003 - Environmental	\$0	\$6,000	\$0	\$0	\$0	\$6,000	\$ -
004 - Final Design	\$0	\$691,148	\$0	\$0	\$0	\$691,148	\$ -
005 - Construct/Impliment	\$0	\$0	\$8,303,852	\$0	\$0	\$8,303,852	\$ -
006 - Close Out	\$0	\$0	\$0	\$0	\$0	\$ -	\$ -
Total Costs:	\$0	\$697,148	\$8,303,852	\$0	\$0	\$9,001,000	\$ -
Funding Sources							
022 - Gas Tax	\$0	\$0	\$1,215,283	\$0	\$0	\$1,215,283	\$ -
021 - Measure R-Local	\$0	\$0	\$479,173	\$0	\$0	\$479,173	\$ -
643 - RDA	\$0	\$238,694	\$1,307,944	\$0	\$0	\$1,546,638	\$ -
077 - CDBG	\$0	\$0	\$300,000	\$0	\$0	\$300,000	\$ -
010 - Water Bonds	\$0	\$144,468	\$1,724,378	\$0	\$0	\$1,868,846	\$ -
615 - Sewer/Wastewater CIP	\$0	\$222,390	\$2,646,270	\$0	\$0	\$2,868,660	\$ -
647 - Surface Water CIP	\$0	\$91,596	\$630,804	\$0	\$0	\$722,400	\$ -
Total Funding:	\$0	\$697,148	\$8,303,852	\$0	\$0	\$9,001,000	\$ -

TRANSPORTATION PROJECT

PROJECT #EN2016-05
Tulare Improvements
(Capital)
(Capital)
District(s): 2

PROJECT MANAGER: Nick Bartsch

PROJECT DESCRIPTION & PURPOSE: Pavement Management System / Utility project on Tulare Ave. between West St. and the Union Pacific Railroad. Includes ADA Concrete work, Water, Sewer and Surface Water facilities.

KEY POINTS: Critical Utility Infrastructure Improvements; Traffic safety; Relief from potential liability concerns; Compliance to the American Disabilities Act

PROJECT STATUS: Approved by TMT on 9/23/16

PROJECTED START DATE: 7/1/2019

PROJECTED END DATE: 12/31/2020

FUTURE M & O: No additional Cost
(Additional Cost & Department Responsibility)

CRITERIA (1-8): Criteria 7: Project addresses regulatory, safety, or environmental requirements that could threaten in whole or in part the City's ability to operate a core program or function at some future time if not replaced or repaired.

Costs Description	Fiscal Year					Total	Unfunded
	2017/18	2018/19	2019/20	2020/21	2021/22		
001 - Conceptual	\$0	\$0	\$0	\$0	\$0	\$ -	\$ -
002 - Preliminary Design	\$0	\$0	\$0	\$0	\$0	\$ -	\$ -
003 - Environmental	\$0	\$0	\$6,000	\$0	\$0	\$6,000	\$ -
004 - Final Design	\$0	\$0	\$455,755	\$0	\$0	\$455,755	\$ -
005 - Construct/Impliment	\$0	\$0	\$0	\$5,473,653	\$0	\$5,473,653	\$ -
006 - Close Out	\$0	\$0	\$0	\$0	\$0	\$ -	\$ -
Total Costs:	\$0	\$0	\$461,755	\$5,473,653	\$0	\$5,935,408	\$ -
Funding Sources							
022 - Gas Tax	\$0	\$0	\$95,801	\$917,065	\$0	\$1,012,867	\$ -
021 - Measure R-Local	\$0	\$0	\$0	\$563,700	\$0	\$563,700	\$ -
077 - CDBG	\$0	\$0	\$0	\$390,000	\$0	\$390,000	\$ -
010 - Water Bonds	\$0	\$0	\$92,628	\$1,099,654	\$0	\$1,192,282	\$ -
615 - Sewer/Wastewater CIP	\$0	\$0	\$198,279	\$2,346,123	\$0	\$2,544,402	\$ -
647 - Surface Water CIP	\$0	\$0	\$75,046	\$157,111	\$0	\$232,157	\$ -
Total Funding:	\$0	\$0	\$461,755	\$5,473,653	\$0	\$5,935,408	\$ -

TRANSPORTATION PROJECT

PROJECT #EN2016-06
Highland/Academy Tract Improvements
(Capital)
(Capital)
District(s): 4

PROJECT MANAGER: Nick Bartsch

PROJECT DESCRIPTION & PURPOSE: Pavement Management System / Utility project on Academy between Gem and Blackstone; Apricot between Gem and Blackstone; San Joaquin between 'O' St. and Blackstone; Sycamore between Cherry and Blackstone; Madden between Tulare and Sycamore; King between 'O' and Cherry. Includes ADA Concrete work, Water, Sewer and Surface Water facilities.

KEY POINTS: Critical Utility Infrastructure Improvements; Traffic safety; Relief from potential liability concerns; Compliance to the American Disabilities Act

PROJECT STATUS: Approved by TMT on 9/23/16

PROJECTED START DATE: 7/1/2020

PROJECTED END DATE: 12/31/2021

FUTURE M & O: No additional Cost
(Additional Cost & Department Responsibility)

CRITERIA (1-8): Criteria 7: Project addresses regulatory, safety, or environmental requirements that could threaten in whole or in part the City's ability to operate a core program or function at some future time if not replaced or repaired.

	Fiscal Year					Total	Unfunded
	2017/18	2018/19	2019/20	2020/21	2021/22		
Costs Description							
001 - Conceptual	\$0	\$0	\$0	\$0	\$0	\$0	\$0
002 - Preliminary Design	\$0	\$0	\$0	\$0	\$0	\$0	\$0
003 - Environmental	\$0	\$0	\$0	\$2,500	\$0	\$2,500	\$0
004 - Final Design	\$0	\$0	\$0	\$685,807	\$0	\$685,807	\$0
005 - Construct/Impliment	\$0	\$0	\$0	\$0	\$8,243,127	\$8,243,127	\$0
006 - Close Out	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Total Costs:	\$0	\$0	\$0	\$688,307	\$8,243,127	\$8,931,434	\$0
Funding Sources							
022 - Gas Tax	\$0	\$0	\$0	\$74,087	\$863,901	\$937,989	\$0
021 - Measure R-Local	\$0	\$0	\$0	\$0	\$263,700	\$263,700	\$0
010 - Water Bonds	\$0	\$0	\$0	\$304,010	\$3,641,995	\$3,946,005	\$0
615 - Sewer/Wastewater CIP	\$0	\$0	\$0	\$260,221	\$3,115,022	\$3,375,243	\$0
647 - Surface Water CIP	\$0	\$0	\$0	\$49,988	\$358,509	\$408,497	\$0
Total Funding:	\$0	\$0	\$0	\$688,307	\$8,243,127	\$8,931,434	\$0

TRANSPORTATION PROJECT

PROJECT #EN2016-07
Sequoia-Spruce Tract Improvements
(Capital)
(Capital)
District(s): 3, 4

PROJECT MANAGER: Nick Bartsch

PROJECT DESCRIPTION & PURPOSE: Pavement Management System / Utility project on Spruce between Bardsley and Tulare; Sierra between SR99 and Spruce; Sierra/Sequoia Alley between SR99 and Spruce; Sequoia between Dayton and Spruce; Sequoia/Kern Alley between Dayton and Spruce; Kern between Dayton and Spruce. Includes ADA Concrete work, Water, Sewer and Surface Water facilities.

KEY POINTS: Critical Utility Infrastructure Improvements; Traffic safety; Relief from potential liability concerns; Compliance to the American Disabilities Act

PROJECT STATUS: Approved by TMT on 9/23/16

PROJECTED START DATE: 7/1/2020

PROJECTED END DATE: 12/31/2021

FUTURE M & O: No additional Cost
(Additional Cost & Department Responsibility)

CRITERIA (1-8): Criteria 7: Project addresses regulatory, safety, or environmental requirements that could threaten in whole or in part the City's ability to operate a core program or function at some future time if not replaced or repaired.

Costs Description	Fiscal Year					Total	Unfunded
	2017/18	2018/19	2019/20	2020/21	2021/22		
001 - Conceptual	\$0	\$0	\$0	\$0	\$0	\$ -	\$ -
002 - Preliminary Design	\$0	\$0	\$0	\$0	\$0	\$ -	\$ -
003 - Environmental	\$0	\$0	\$0	\$2,500	\$0	\$2,500	\$ -
004 - Final Design	\$0	\$0	\$0	\$362,917	\$0	\$362,917	\$ -
005 - Construct/Implement	\$0	\$0	\$0	\$0	\$4,360,940	\$4,360,940	\$ -
006 - Close Out	\$0	\$0	\$0	\$0	\$0	\$0	\$ -
Total Costs:	\$0	\$0	\$0	\$365,417	\$4,360,940	\$4,726,356	\$ -
Funding Sources							
022 - Gas Tax	\$0	\$0	\$0	\$91,440	\$793,295	\$884,734	\$ -
021 - Measure R-Local	\$0	\$0	\$0	\$0	\$300,000	\$300,000	\$ -
010 - Water Bonds	\$0	\$0	\$0	\$108,367	\$1,292,902	\$1,401,269	\$ -
615 - Sewer/Wastewater CIP	\$0	\$0	\$0	\$153,666	\$1,831,163	\$1,984,829	\$ -
647 - Surface Water CIP	\$0	\$0	\$0	\$11,943	\$143,581	\$155,525	\$ -
Total Funding:	\$0	\$0	\$0	\$365,417	\$4,360,940	\$4,726,356	\$ -

TRANSPORTATION PROJECT

PROJECT #EN2016-08
Elliott-Mefford Tract Improvements
(Capital)
(Capital)
District(s): 1

PROJECT MANAGER: Nick Bartsch

PROJECT DESCRIPTION & PURPOSE: Pavement Management System / Utility project on Owens between West and Santa Clara; Los Angeles between Bardsley and Owens; Elm between West and Santa Clara; Santa Clara between Bardsley and Inyo; Walter between Bardsley and Elm; Oliver between Bardsley and Elm; Cleveland between Bardsley and Elm; Victoria between Bardsley and Elm; Elm between Howard and 'D' St.; 'C' St. between Elm and Alpine. Includes ADA Concrete work, Water, Sewer and Surface Water facilities.

KEY POINTS: Critical Utility Infrastructure Improvements; Traffic safety; Relief from potential liability concerns; Compliance to the American Disabilities Act

PROJECT STATUS: Approved by TMT on 9/23/16

PROJECTED START DATE: 7/1/2019

PROJECTED END DATE: 12/31/2020

FUTURE M & O: No additional Cost
(Additional Cost & Department Responsibility)

CRITERIA (1-8): Criteria 7: Project addresses regulatory, safety, or environmental requirements that could threaten in whole or in part the City's ability to operate a core program or function at some future time if not replaced or repaired.

Costs Description	Fiscal Year					Total	Unfunded
	2017/18	2018/19	2019/20	2020/21	2021/22		
001 - Conceptual	\$0	\$0	\$0	\$0	\$0	\$ -	\$ -
002 - Preliminary Design	\$0	\$0	\$0	\$0	\$0	\$ -	\$ -
003 - Environmental	\$0	\$0	\$2,500	\$0	\$0	\$2,500	\$ -
004 - Final Design	\$0	\$0	\$597,400	\$0	\$0	\$597,400	\$ -
005 - Construct/Impliment	\$0	\$0	\$0	\$7,180,190	\$0	\$7,180,190	\$ -
006 - Close Out	\$0	\$0	\$0	\$0	\$0	\$ -	\$ -
Total Costs:	\$0	\$0	\$599,900	\$7,180,190	\$0	\$7,780,090	\$ -
Funding Sources							
012 - Gas Tax	\$0	\$0	\$62,503	\$747,601	\$0	\$810,104	\$ -
010 - Water Bonds	\$0	\$0	\$255,226	\$3,056,621	\$0	\$3,311,847	\$ -
615 - Sewer/Wastewater CIP	\$0	\$0	\$219,404	\$2,628,041	\$0	\$2,847,445	\$ -
647 - Surface Water CIP	\$0	\$0	\$62,766	\$717,928	\$0	\$810,695	\$ -
Total Funding:	\$0	\$0	\$599,900	\$7,180,190	\$0	\$7,780,090	\$ -

TRANSPORTATION PROJECT

PROJECT #EN2016-09
Pratt St. Improvements
(Capital)
(Capital)
District(s): 1, 2

PROJECT MANAGER: Nick Bartsch

PROJECT DESCRIPTION & PURPOSE: Pavement Management System / Utility project on Pratt St. between Bardsley and Inyo (SR137). Includes ADA Concrete work, Water, Sewer and Surface Water facilities.

KEY POINTS: Critical Utility Infrastructure Improvements; Traffic safety; Relief from potential liability concerns; Compliance to the American Disabilities Act

PROJECT STATUS: Approved by TMT on 9/23/16

PROJECTED START DATE: 7/1/2020

PROJECTED END DATE: 12/31/2021

FUTURE M & O:
(Additional Cost & Department Responsibility) No additional Cost

CRITERIA (1-8): Criteria 7: Project addresses regulatory, safety, or environmental requirements that could threaten in whole or in part the City's ability to operate a core program or function at some future time if not replaced or repaired.

Costs Description	Fiscal Year					Total	Unfunded
	2017/18	2018/19	2019/20	2020/21	2021/22		
001 - Conceptual	\$0	\$0	\$0	\$0	\$0	\$ -	\$ -
002 - Preliminary Design	\$0	\$0	\$0	\$0	\$0	\$ -	\$ -
003 - Environmental	\$0	\$0	\$0	\$6,000	\$0	\$6,000	\$ -
004 - Final Design	\$0	\$0	\$0	\$125,655	\$0	\$125,655	\$ -
005 - Construct/Impliment	\$0	\$0	\$0	\$0	\$1,504,779	\$1,504,779	\$ -
006 - Close Out	\$0	\$0	\$0	\$0	\$0	\$ -	\$ -
Total Costs:	\$0	\$0	\$0	\$131,655	\$1,504,779	\$1,636,433	\$ -
Funding Sources							
022 - Gas Tax	\$0	\$0	\$0	\$51,565	\$199,720	\$251,285	\$ -
077 - CDBG	\$0	\$0	\$0	\$0	\$390,000	\$390,000	\$ -
010 - Water Bonds	\$0	\$0	\$0	\$17,091	\$194,274	\$211,365	\$ -
615 - Sewer/Wastewater CIP	\$0	\$0	\$0	\$20,378	\$232,875	\$253,253	\$ -
647 - Surface Water CIP	\$0	\$0	\$0	\$42,620	\$487,910	\$530,530	\$ -
Total Funding:	\$0	\$0	\$0	\$131,655	\$1,504,779	\$1,636,433	\$ -

TRANSPORTATION PROJECT

PROJECT #EN2016-10
Oaks St. Improvements
(Capital)
(Capital)
District(s): 4

PROJECT MANAGER: Nick Bartsch

PROJECT DESCRIPTION & PURPOSE: Pavement Management System / Utility project on Oaks St. between Merritt and Prosperity; Oaks St. between Sandra and 'M' St. Includes ADA Concrete work, Water, Sewer and Surface Water facilities.

KEY POINTS: Critical Utility Infrastructure Improvements; Traffic safety; Relief from potential liability concerns; Compliance to the American Disabilities Act

PROJECT STATUS: Approved by TMT on 9/23/16

PROJECTED START DATE: 7/1/2020

PROJECTED END DATE: 12/31/2021

FUTURE M & O: No additional Cost
(Additional Cost & Department Responsibility)

CRITERIA (1-8): Criteria 7: Project addresses regulatory, safety, or environmental requirements that could threaten in whole or in part the City's ability to operate a core program or function at some future time if not replaced or repaired.

Costs Description	Fiscal Year					Total	Unfunded
	2017/18	2018/19	2019/20	2020/21	2021/22		
001 - Conceptual	\$0	\$0	\$0	\$0	\$0	\$ -	\$ -
002 - Preliminary Design	\$0	\$0	\$0	\$0	\$0	\$ -	\$ -
003 - Environmental	\$0	\$0	\$0	\$2,500	\$0	\$2,500	\$ -
004 - Final Design	\$0	\$0	\$0	\$94,938	\$0	\$94,938	\$ -
005 - Construct/Impliment	\$0	\$0	\$0	\$0	\$1,138,963	\$1,138,963	\$ -
006 - Close Out	\$0	\$0	\$0	\$0	\$0	\$ -	\$ -
Total Costs:	\$0	\$0	\$0	\$97,438	\$1,138,963	\$1,236,401	\$ -
Funding Sources							
022 - Gas Tax	\$0	\$0	\$0	\$58,860	\$687,898	\$746,758	\$ -
010 - Water Bonds	\$0	\$0	\$0	\$38,578	\$451,065	\$489,643	\$ -
	\$0	\$0	\$0	\$0	\$0	\$0	\$ -
	\$0	\$0	\$0	\$0	\$0	\$0	\$ -
Total Funding:	\$0	\$0	\$0	\$97,438	\$1,138,963	\$1,236,401	\$ -