

**CITY OF UKIAH
CITY COUNCIL AGENDA
Special Meeting – Budget Hearing
CIVIC CENTER COUNCIL CHAMBER
300 Seminary Avenue
Ukiah, CA 95482
June 6, 2018
4:00 p.m.**

1. ROLL CALL AND PLEDGE OF ALLEGIANCE

2. AUDIENCE COMMENTS ON NON-AGENDA ITEMS

The City Council welcomes input from the audience. If there is a matter of business on the agenda that you are interested in, you may address the Council when this matter is considered. If you wish to speak on a matter that is not on this agenda, you may do so at this time. In order for everyone to be heard, please limit your comments to three (3) minutes per person and not more than ten (10) minutes per subject. The Brown Act regulations do not allow action to be taken on audience comments in which the subject is not listed on the agenda.

3. NEW BUSINESS

- a. Review and Consideration of the FY 2018-19 Draft City of Ukiah Budget.

(Note: The FY 2018-19 DRAFT Budget Document will be posted at this location:
<https://cityofukiah.box.com/v/FY18-19Budget>)

4. ADJOURNMENT

Please be advised that the City needs to be notified 24 hours in advance of a meeting if any specific accommodations or interpreter services are needed in order for you to attend. The City complies with ADA requirements and will attempt to reasonably accommodate individuals with disabilities upon request. Materials related to an item on this Agenda submitted to the City Council after distribution of the agenda packet are available for public inspection at the front counter at the Ukiah Civic Center, 300 Seminary Avenue, Ukiah, CA 95482, during normal business hours, Monday through Friday, 8:00 am to 5:00 pm.

I hereby certify under penalty of perjury under the laws of the State of California that the foregoing agenda was posted on the bulletin board at the main entrance of the City of Ukiah City Hall, located at 300 Seminary Avenue, Ukiah, California, not less than 24 hours prior to the meeting set forth on this agenda.

Dated this 1st day of June, 2018.
Kristine Lawler, City Clerk



AGENDA SUMMARY REPORT

SUBJECT: Consideration of the Recommended 2018-19 City of Ukiah Budget and the Five-Year Capital Improvement Plan (CIP)

DEPARTMENT: Finance

PREPARED BY: Daniel Buffalo

ATTACHMENTS:

[Attachment 1 - CIP -5 year Draft Summary Schedule.pdf](#)

[Attachment 2a - CIP -5 year Draft Full Schedule - in Excel \(xlsx\) Format](#)

[Attachment 2b - CIP -5 year Draft Full Schedule - in PDF \(pdf\) Format](#)

Summary: The Council will consider the annual City of Ukiah Budget for the fiscal year 2018-19, including revenue estimates and appropriations for all funds, and the five-year capital improvement plan (CIP).

Background: The City continues to build upon the best practices in budget development it implemented in 2017-18 with the presentation of the 2018-19 City budget. Additionally, management has developed a five-year CIP for Council's review, discussion, and consideration.

Discussion: Receipt of the budget document is the first phase of the Council's review. In preparation for adoption by June 20th, management has scheduled a general overview on June 6, 2018, from 4:00 - 6:00 p.m.,

RECOMMENDED ACTION: Staff recommends Council receive for consideration the 2018-19 recommended budget document, receive a presentation by the Finance Department on the overview of the 2018-19 City budget, and receive the five-year capital improvement plan for further discussion and consideration.

BUDGET AMENDMENT REQUIRED: No

CURRENT BUDGET AMOUNT: N/A

PROPOSED BUDGET AMOUNT: N/A

FINANCING SOURCE: N/A

PREVIOUS CONTRACT/PURCHASE ORDER NO.: N/A

COORDINATED WITH: Sage Sangiacomo, City Manager, Shannon Riley, Deputy City Manager; Daphne Harris, Management Analyst; Mary Horger, Procurement Manager, Sheri Mannion, HR/Risk Management Director

Approved: _____


Sage Sangiacomo, City Manager

with four additional workshops on June 7, 8, 11, and 12. The first two are intended to focus entirely on the five-year CIP and will begin at 4:00 PM. Departments will be prepared to discuss each item on the schedule and take any feedback from Council. If needed, June 11, starting at 4:00 PM will serve as a third day of CIP discussion, transitioning into department presentation of their respective 2018-19 operating and capital budgets. June 12, starting at 4:00 PM will continue that discussion, if necessary.

The budget document is being circulated internally to departments for final checks and comments. It will be issued to the Council before the initial presentation on June 6. Included here in advance of the budget document is the draft five-year CIP schedule. It is presented in a condensed pdf version for initial consideration (Attachment 1), in its entirety in Excel format (Attachment 2a), and in full-size pdf (Attachment 2b). Hard copies will be provided as well and upon request. The latter allows any reader to review items on the schedule in a format that allows for greater visibility of detailed information. Further, each item on the schedule is being prepared for presentation on the City's web-based financial platform, OpenGov, but will not be uploaded and available until authorized.

The CIP will be an evolving document, as it is a strategic planning tool. While projects and vehicles/equipment will be contemplated and identified for certain years in the plan, actual expenditures are not committed until the City Council approves that expenditure as part of the annual budget or subsequent action at the time of implementation/purchase. Furthermore, the plan will be updated and amended as the City Council considers new projects/equipment throughout the year and/or as priorities/funding fluctuate.

The "City Council Status" column reflects the following:

- Reviewed and Supported: Council has expressed a desire to fund and implement this project.
- Not Reviewed: This project has not been considered by Council.
- Budget Adopted: This project is funded and approved by Council.

FIVE YEAR CAPITAL IMPROVEMENT PLAN
July 1, 2018

FACILITIES/BUILDINGS/LAND

COMMUNITY SERVICES DEPARTMENT

Project Name	Project Description	Department	Project Number	Improvement Type	Project Status	Project Timeline		Funding Identified	Costs to date	Estimated Costs per Fiscal Year	Totals	Comments	City Council Status
						Start	End			18/19			
Improvements to Vinewood Park	Staff received a grant to renovate Vinewood Park. The items that will be improved are some elements the Vinewood community expressed they would like to see improved.	Community Services	18011	Facilities/Buildings/Land	In Progress	2018	2019	Yes		\$ 280,000	\$ 280,000	Grant funded.	Reviewed and Supported
Pool Block House	The block house pool storage is in need of replacement due to age and general deterioration of the building.	Community Services	18012	Facilities/Buildings/Land	New	2019	2020	No			\$ 250,000		Not Reviewed
Riverside Park	State grant to provide some grading, flood surveying, debris removal and planting.	Community Services	18014	Facilities/Buildings/Land	In Progress	2018	2020	Yes			\$ 1,000,000	Grant funded.	Reviewed and Supported
Wagenseller Park	In 2017 the Community Development Department began work on a Wagenseller Park Feasibility Analysis. After taking public input the analysis will be completed in 2018. It has been determined through the analysis and other surveys a park is needed in the Wagenseller area. Community Services is working on the necessary steps for developing a park, they are; acquiring property, park planning then construction. Staff is researching acquisition funding along with park development funding to complete the project.	Community Services	18063	Facilities/Buildings/Land	New	2022	2023	No			\$ 950,000		Not Reviewed
Splash Pad	This project would solve multiple issues at the Municipal Pool Facility. The first is a safety issue for young children and non-swimmers, our pool's current minimum depth is 3.5' which is quite deep for children under 5 years old. The second issue is that of wasted space. We have a 30' x 90' area which was previously a kiddy pool area that is now unusable and defunct. A splash pad is a flat area with water features such as jets, fountains and overhead sprays which provides a "zero depth" space for safe water play. They are very popular and would be an additional attraction to the pool facility, resulting in increased usage and revenue. A splash pad would solve both the safety issue and maximize the pool facility. Minimal maintenance issues have been reported by other facilities, due to a recirculating system there would be zero water loss (except evaporation) and the splash pad would only require the addition of one lifeguard to the staffing rotation. The current estimated cost is \$200,000 with the Friends of Todd Grove Pool and the Parks, Recreation and Golf Commission already on board to help fundraise for the project. The splash pad area will be ADA accessible and will be inclusive for children with disabilities.	Community Services	17048	Facilities/Buildings/Land	New	2019	2020	No			\$ 200,000	Staff plans to begin fundraising and seek grant funding for this project in fiscal year 18/19.	Not Reviewed
Civic Center Reconfiguration - Shared Cost	Reconfiguration of Civic Center customer service and finance areas. Two divisions share this cost. Total cost: \$175,000	Community Services	15038	Facilities/Buildings/Land	In Progress	2018	2019	Yes		\$ 75,000	\$ 75,000	Re-budgeted. Utilizing Building Fund Reserves.	Budget Adopted
Fascia Renovation - Civic Center Annex	The fascia of the Civic Center Annex is deteriorating and is in need of repair.	Community Services	15037	Facilities/Buildings/Land	In Progress	2018	2019	Yes		\$ 75,000	\$ 75,000	Was reviewed, and part of the 2017/2018 budget. Requesting rebudget in 2018/2019 budget utilizing Building Fund Reserves.	Budget Adopted
Council Chamber Technology Upgrade	The technology in the Council Chamber is failing. Software and hardware that control the PTZ camera has failed. Other audio equipment and speakers are end of life and do not operate at a reasonable quality level. The camera technology is aged and picture quality is not acceptable and video streaming needs to be HD content for better viewing. This will bring the technology to a current functional level. This will also provide constituents a quality experience when viewing from home or attending our City Council meetings.	Community Services	15016	Facilities/Buildings/Land	In Progress	2018	2019	Yes		\$ 150,000	\$ 150,000	Re-budgeted. Utilizing Building Fund Reserves.	Budget Adopted
Picnic Area at Todd Grove Park	The Todd Grove picnic area is in need of replacing the asphalt surface area, barbeque and tables. There is currently \$50,000 in Park Development Funds 25100000.39044 to begin planning and design of the area.	Community Services	18013	Facilities/Buildings/Land	New	2019	2020	No		\$ 50,000	\$ 100,000	Park Development funds. 18/19 currently funded, 19/20 is not. Will be seeking grant funding.	Reviewed and Supported
Anton Stadium - Donor Sign	New sign to recognize donors for the Anton Stadium Project.	Community Services	18020	Facilities/Buildings/Land	In Progress	2018	2018	Yes		\$ 18,000	\$ 18,000	Re-budgeted	Budget Adopted
Museum Roof Partial Repair/Replacement	Replace a portion of the roof of the Museum, or at least the underlayment. A good portion of the roof is now 30 years old and leaks are appearing in the older part of the building. Additionally, the beams under the front awning are suffering from wood rot, as is a section of the exterior under-roof at the southeast end. Benefits are to ensure protection of the building's exterior and the art and artifacts housed within the buildings, as well as ensure the safety of the visiting public and Museum staff.	Community Services	18021	Facilities/Buildings/Land	In Progress	2018	2019	Yes		\$ 100,000	\$ 100,000		Reviewed and Supported
Museum Signage	Create and install museum signage at the mouth of the driveway on main street. Signage was designed as part of the Wild Gardens grant project. Due to cost overruns for the overall project, this signage was deferred. Currently the only identifying signage at the front of the museum is an historic marker. Signage indicating entrance to the museum grounds is needed as a navigation tool for drivers and pedestrians, as well as for branding purposes that help signal the beginning of the visitor's museum experience.	Community Services	18022	Facilities/Buildings/Land	In Progress	2019	2020	No			\$ 25,000		Not Reviewed

FIVE YEAR CAPITAL IMPROVEMENT PLAN
July 1, 2018

Museum Exterior Painting	Museum exterior is in need of painting to ensure on-going protection of the wood surface. According to staff it has been close to ten years since last exterior painting. Major benefits include the protection of a major City asset and the maintaining of the beauty of the building for the public.	Community Services	18023	Facilities/Buildings/Land	New	2019	2020	No			\$ 35,000		Not Reviewed
Museum LED Lighting	Replace aging gallery lighting fixtures and change out bulbs from halogen to LED. Original fixtures are nearing the end of their life span and failing at an accelerated rate. Currently the Museum has not extra fixtures to spare. LED lighting has the following major benefits: 1) Energy efficiency that can reduce electricity bills by 30-50% annually, plus are more environmentally friendly; 2) Significantly longer lifespan of each bulb reduces amount of time staff spends changing out bulbs and the annual expenditure on bulbs; 3) Greater protection of art work and artifacts as LED bulbs emit far less infrared and ultraviolet rays. This project would require a large expenditure at the beginning, with cost savings in electricity and bulb purchasing, leading to greater savings over time.	Community Services	18024	Facilities/Buildings/Land	New	2019	2020	No			\$ 25,000		Not Reviewed
Awning Clean and/or Replace - Conference Center	Clean or replace front School Street facing awning with logo.	Community Services	18028	Facilities/Buildings/Land	New	2019	2020	Yes		\$ 10,000	\$ 10,000		Not Reviewed
Paint offices and Conference Rooms - Conference Center	Modernize and improve kitchen equipment.	Community Services	18030	Facilities/Buildings/Land	In Progress	2019	2020	Yes		\$ 15,000	\$ 15,000		Not Reviewed
SUB-TOTAL:										\$ -	\$ 773,000	\$ 3,308,000	
ELECTRIC UTILITY DEPARTMENT													
Project Name	Project Description	Department	Project Number	Improvement Type	Project Status	Project		Funding Identified	Costs to date	Estimated	Totals	Comments	City Council Status
						Start	End			18/19			
Electric Utility Service Center - Remodel & Facility Improvements	Provides offices and warehouse facilities for the Electric Utility Dept. to better serve the community. Currently offices are located in 40 year old temporary modular buildings with no foundation. The electrical construction and maintenance materials are stored in an uninsulated unsealed tin building.	Electric Utility Department	17023	Facilities/Buildings/Land	In Progress	2017	2021	Yes	\$ 70,000	\$ 800,000	\$ 1,740,000	Re-budgeted.	Budget Adopted
Renewable Resource Development Solar	Renewable energy development for the Utility's resource portfolio in meeting the States green energy mandates.	Electric Utility Department	ECC01	Facilities/Buildings/Land	New	2018	2023	Yes		\$ 1,100,000	\$ 2,380,000		Not Reviewed
Hydroelectric Plant Warehouse, Shop and Restroom	Needed to store hydro specialized plant materials, spare parts, provides staff workspace and restroom/sink facilities.	Electric Utility Department	18038	Facilities/Buildings/Land	New	2020	2021	Yes	\$ 1,000		\$ 191,000		Not Reviewed
Substation Site Development	Evaluate the need and sites available to construct a future electrical substation to serve future loads based on planning forecasts of the City's growth.	Electric Utility Department	18046	Facilities/Buildings/Land	New	2021	2022	Yes			\$ 320,000		Not Reviewed
SUB-TOTAL:										\$ 71,000	\$ 1,900,000	\$ 4,631,000	
FINANCE DEPARTMENT													
Project Name	Project Description	Department	Project Number	Improvement Type	Project Status	Project		Funding Identified	Costs to date	Estimated	Totals	Comments	City Council Status
						Start	End			18/19			
Civic Center Reconfiguration - Shared Cost	Reconfiguration of Civic Center customer service and finance areas. Two divisions share this cost. Total cost: \$175,000	Finance	15038	Facilities/Buildings/Land	In Progress	2018	2019	Yes		\$ 100,000	\$ 100,000	Re-budgeted.	Budget Adopted
Card Lock Phase II	The Police Department is in need of providing a more controlled, secure environment for their officers and employees. Card lock provides access security to all entrances and exits using key fobs and access cards. This is already installed in the Civic Center and Annex and is providing a high level of access security. This would provide additional Public Safety as well.	Finance	15019	Facilities/Buildings/Land	Deferred	2019	2020	No			\$ 85,000	This would be an expansion to the existing Card Lock system.	Not Reviewed
SUB-TOTAL:										\$ -	\$ 100,000	\$ 185,000	
FIRE AUTHORITY													
Project Name	Project Description	Department	Project Number	Improvement Type	Project Status	Project		Funding Identified	Costs to date	Estimated	Totals	Comments	City Council Status
						Start	End			18/19			
South Station HVAC Replacement	It is recommended to continue from the 17/18 budget cycle into the 18/19 budget cycle, the replacement of the current HVAC system. The current HVAC system is not currently not operable. The HVAC system is a critical and essential component to providing and maintaining a minimal level of environmental comfort for crews assigned to 24hr. shifts, daytime staff, and the general public. The project completion is dependent upon the completion of repairs to the roof currently in progress.	Fire Authority	18060	Facilities/Buildings/Land	In Progress	2018	2019	Yes		\$ 60,000	\$ 60,000	Re-budgeted.	Budget Adopted
South Station Roof Replacement	It is recommended to continue from the 17/18 budget cycle into the 18/19 budget cycle, the roof repair of the South Station. Due to excessive water damage in the past and the replacing the current HVAC system located on the roof, it is in need of major repairs. Structural repairs around the HVAC system platform along with minor repair throughout the roof. The composite roof also needs to be replaced replacement. Monies for the project were budget in the 17/18 budget cycle. The project in currently in process with an engineering report. It is recommend to continue with the funds being budget for the 18/19 budget cycle.	Fire Authority	18061	Facilities/Buildings/Land	In Progress	2018	2019	Yes		\$ 50,000	\$ 50,000	Re-budgeted.	Budget Adopted
SUB-TOTAL:										\$ -	\$ 110,000	\$ 110,000	
PUBLIC WORKS DEPARTMENT													
Project Name	Project Description	Department	Project Number	Improvement Type	Project Status	Project		Funding Identified	Costs to date	Estimated	Totals	Comments	City Council Status
						Start	End			18/19			
HVAC Upgrade - Garage	The garage's heating and air is inefficient, old, and needs to be upgraded. An upgrade will provide economical benefits in energy savings.	Public Works	18018	Facilities/Buildings/Land	New	2019	2020	No			\$ 40,000		Not Reviewed
SUB-TOTAL:										\$ -	\$ -	\$ 40,000	
TOTALS FOR FACILITIES/BUILDINGS/LAND :										\$ 71,000	\$ 2,883,000	\$ 8,274,000	

FIVE YEAR CAPITAL IMPROVEMENT PLAN
July 1, 2018

INFORMATION TECHNOLOGY

FINANCE DEPARTMENT

Project Name	Project Description	Department	Project Number	Improvement Type	Project Status	Project		Funding Identified	Costs to date	Estimated	Totals	Comments	City Council Status
						Start	End			18/19			
Utility Billing CIS Replacement	The current utility billing software is becoming obsolete. Replacement is necessary.	Finance	18062	Information Technology	In Progress	2018	2020	Yes		\$ 400,000	\$ 400,000		Not Reviewed
IBM/AS400 Replacement	The IBM server is at end of life. Purchase of a new server will also include a new Operating System and require us to make sure our old applications will function. Our vendor will primarily test our environment under the new OS. If all functions, the new server will be purchased and our full backup with data will be transferred to it. Utility Billing is currently reliant on this server for Customer Service use. In addition archive access to past City of Ukiah data is constantly needed for past history. IBM software and hardware maintenance will be included in the IT Software Budget (54320) for FY 18/19 for the following amounts: 3 year x 24/7, Software Maintenance = \$3966.25, Extended Maintenance = \$2,515.30 , for a Total=\$6,481.55	Finance	17042	Information Technology	New	2018	2019	Yes		\$ 29,617	\$ 29,617		Not Reviewed
Core - 4 Cisco 3750 Switches & 2 Cisco N5548 Switches - End of Life - Replacements	These switches are the center core of our network infrastructure. They serve as data conduits for all City of Ukiah operations. They are nearing end-of-life, as warranty and support runs out during this time-frame.	Finance	17044	Information Technology	New	2019	2020	No			\$ 155,550		Not Reviewed
Checkpoint Firewall Replacement - With Cisco ASA Checkpoint Firewall Replacement	The City of Ukiah utilizes a Checkpoint perimeter firewall to protect our network from outside threats that can originate from the internet. Equipment and services provided in the agreement include: Detects and controls application usage - Identifies, allows, blocks or limits usage of applications, and features within them which enables safe Internet use while protecting against threats and malware - Leverages the world's largest application library with more than 6,600 web 2.0 applications Supports advanced identity awareness for stress-free policy enforcement - Creates granular policy definitions per user and group - Integrates seamlessly with Active Directory and protects our environments containing social media and internet applications - Provides the benefits of application control and intrusion protection (IPS), as well as extensibility support for additional security capabilities. This system will be at end of life in 2021 and up for replacement. We will replace this with a Cisco ASA Firewall.	Finance	17045	Information Technology	New	2020	2021	No			\$ 120,000		Not Reviewed
Redundant Internet Gateway (Fail-over Load Balancer)	Our current AT&T Internet gateway provides service to all of the City of Ukiah departments for Internet access, as well as Public Safety access to law enforcement websites and other important services. If service fails, we do not have a failover scenario in place. A failover scenario would involve an additional Internet Gateway with a different Internet service provider (ISP). If one ISP fails, the gateway would failover to the alternate one available. This would ensure service availability, virtually 100% of the time.	Finance	17046	Information Technology	New	2020	2022	No			\$ 215,200		Not Reviewed
Dell Compellent Storage - 5 year cyclic end of life replacement	The Dell Compellent Storage serves as our main live data storage for the City of Ukiah. It is used in conjunction with our four Virtual Machine Hosts, which control and offer resources to all of our virtual servers. This basically contains the majority of our production servers upon which all City of Ukiah data services reside. In addition, our VMM (Virtual Machine Manager) server operates as stated. It manages all of the virtual servers within the infrastructure. Dell-4 VM Hosts & Virtual Machine Manager Server - 5 year cyclic - end of life - replacement (Refinance)) \$290,000 at approximately \$59,000/year x 5 years.	Finance	17047	Information Technology	On-going	2021	2022	No			\$ 118,000		Not Reviewed

SUB-TOTAL: \$ - \$ 429,617 \$ 1,038,367

WATER RESOURCES DEPARTMENT

Project Name	Project Description	Department	Project Number	Improvement Type	Project Status	Project		Funding Identified	Costs to date	Estimated	Totals	Comments	City Council Status
						Start	End			18/19			
Water Treatment Plant Network Security	One Cisco ASA firewall at each location, with an additional Cisco ASA firewall at the Civic Center - >connecting to our Checkpoint firewall. This will provide the necessary security needed between our Civic Center, WWTP and WTP utilities. Our Water and Wastewater utilities utilize SCADA networks that serve as control centers for PLC (programmable logic controllers) which in turn control associated pumps, motors etc. These operations are connecting to the City of Ukiah network, to provide remote vendor support and will also provide necessary data shares for reporting purposes. This will protect our water utilities from the ever increasing network security breaches that are a continual threat.	Water Resources	17039	Information Technology	New	2018	2019	Yes		\$ 27,798	\$ 27,798		Not Reviewed

FIVE YEAR CAPITAL IMPROVEMENT PLAN
July 1, 2018

Wastewater Treatment Plant Network Security	One Cisco ASA firewall at each location, with an additional Cisco ASA firewall at the Civic Center - >connecting to our Checkpoint firewall. This will provide the necessary security needed between our Civic Center, WWTP and WTP utilities. Our Water and Wastewater utilities utilize SCADA networks that serve as control centers for PLC (programmable logic controllers) which in turn control associated pumps, motors etc. These operations are connecting to the City of Ukiah network, to provide remote vendor support and will also provide necessary data shares for reporting purposes. This will protect our water utilities from the ever increasing network security breaches that are a continual threat.	Water Resources	17039	Information Technology	New	2018	2019	Yes		\$ 27,798	\$ 27,798		Not Reviewed
SUB-TOTAL:										\$ -	\$ 55,596	\$ 55,596	
TOTALS FOR INFORMATION TECHNOLOGY:										\$ -	\$ 485,213	\$ 1,093,963	

INFRASTRUCTURE

AIRPORT													
Project Name	Project Description	Department	Project Number	Improvement Type	Project Status	Project		Funding Identified	Costs to date	Estimated	Totals	Comments	City Council Status
						Start	End			18/19			
Runway 15-33 Pavement Reduction (Construction Phase 1)	Runway is currently 4,415 feet long and 150 feet wide. This project will provide construction to reduce the runway width to 75 feet by installing LED Medium Intensity Runway Lights to meet new runway width, adjust existing pavement markings to meet new pavement width with an application of slurry seal in areas that markings are removed, and then apply new pavement markings to meet new pavement width. Some crack fill and sealing will be required in areas where trenching is performed to prevent FOD. Pavement is 31 years old.	Airport	13044	Infrastructure	In Progress	2018	2019	Yes		\$ 1,260,000	\$ 1,260,000	FAA Grant Funding.	Reviewed and Supported
Runway 15-33 Pavement Reduction (Construction Phase 2)	Runway 15-33 is currently 4,451 feet long and 150 feet wide. The project will be for the construction of the 75-foot reduced width runway pavement. New pavement marking will be applied. Pavement is 31 years old.	Airport	18032	Infrastructure	New	2019	2020	Yes			\$ 1,900,000	FAA Grant Funding.	Reviewed and Supported
Taxiways B&D Demolition; Construction of New Taxiways A2 and A4, and Runway 33 Blast Pad (Construction Phase 3)	This project will be for the demolition of existing Taxiways B & D and construction of new connector taxiways A2 (250'x45') and A4 (250'x45'), and construction of new blast pad at Runway 33 end, to meet FAA standards. Taxiway B does not connect at Runway 15 threshold and Taxiway D alignment does not meet standards.	Airport	18033	Infrastructure	New	2020	2021	Yes			\$ 430,000	FAA Grant Funding.	Reviewed and Supported
Pavement Rehabilitation of Taxiways A, A3 and A5 - Construction	This project will cover construction to rehabilitate pavements of Taxiways A (4,540'x55'), A3 (250'x45') and A5 (250'x45').	Airport	18035	Infrastructure	New	2022	2023	Yes			\$ 500,000	FAA Grant Funding.	Reviewed and Supported
Pavement Rehabilitation of Taxiways A, A3 and A5 - Design	This project is for the design of Taxiways A (4,540'x55'), A3 (250'x45'), and A5 (250'x45') pavement rehabilitation assumed to be a crack fill, seal and slurry.	Airport	18034	Infrastructure	New	2021	2022	Yes			\$ 60,000	FAA Grant Funding.	Reviewed and Supported
SUB-TOTAL:										\$ -	\$ 1,260,000	\$ 4,150,000	

ELECTRIC UTILITY DEPARTMENT													
Project Name	Project Description	Department	Project Number	Improvement Type	Project Status	Project		Funding Identified	Costs to date	Estimated	Totals	Comments	City Council Status
						Start	End			18/19			
Replace Station Light & Power generator controls (Hydro)	Control upgrades to provide expanded abilities: 1. Remote control and monitoring from the Fish Hatchery and 2. Emergency station light and power backup to the hydro plant.	Electric Utility Department	18037	Infrastructure	New	2020	2021	Yes			\$ 40,000		Not Reviewed
Cherry Street Circuit Capacity Increase	Re-Conductor Cherry Street from Rail Line to Dora Street. Extends new circuit capacity to the south-west area of Ukiah improving system capacity and the ability to restore outages in the shortest amount of time necessary.	Electric Utility Department	18039	Infrastructure	New	2018	2019	Yes	\$ 2,500	\$ 80,000	\$ 82,500		Not Reviewed
Community Power Management Projects	Power pedestal replacement program goals includes reducing energy loss, improve lighting/access control, safety and availability of power in public places.	Electric Utility Department	18040	Infrastructure	On-going	2018	2022	Yes	\$ 30,000	\$ 100,000	\$ 310,000		Reviewed and Supported
Fairgrounds 4160 to 12,000 volt Conversion	Replaces existing low voltage (4160V) system with 12,000 Volt primary rated cable and transformers and secondary conductor. Fairgrounds to provide USERC specified metering and underground duct. Removes existing low voltage (4160V) system.	Electric Utility Department	18041	Infrastructure	In Progress		2021	Yes	\$ 25,000	\$ 150,000	\$ 400,000		Not Reviewed
Substation and Hydroelectric Plant Control System Replacement	Replace the Mendocino Hydro control system hardware, program and coding for hydro specific automation control. The existing systems are outdated with limited after-market support and no new replacement part availability.	Electric Utility Department	18042	Infrastructure	In Progress	2017	2020	Yes	\$ 7,000	\$ 200,000	\$ 382,000		Not Reviewed
Underground Capital System Improvements (<\$50,000 each)	Transformer replacement and upgrades, wood pole testing and replacement, system capacity improvements and protection, control, monitoring and communication enhancements.	Electric Utility Department	18043	Infrastructure	On-going			Yes	\$ 200,000	\$ 225,000	\$ 1,250,000		Reviewed and Supported
Overhead Capital System Improvements (<\$50,000 each)	Transformer replacement and upgrades, system capacity improvements and protection, control, monitoring and Communication enhancements.	Electric Utility Department	18044	Infrastructure	On-going			Yes	\$ 225,000	\$ 225,000	\$ 1,050,000		Reviewed and Supported
Undergrounding Phase 3: Overhead to Underground	Relocates or undergrounds overhead electric, phone and cable TV utilities along Gobbi and State Streets.	Electric Utility Department	18045	Infrastructure	In Progress	2018	2020	Yes	\$ 60,000	\$ 600,000	\$ 785,000		Reviewed and Supported
Governor speed control & Valve Upgrades (Hydro)	Upgrades to the governor sensing, controller and feedback transducers to improve performance and reliability. Existing governor controls frequently are out of service due to failure or adjustment.	Electric Utility Department	18047	Infrastructure	New	2020	2022	Yes			\$ 380,000		Not Reviewed
Undergrounding Phase 4: Overhead to Underground	Relocates or undergrounds overhead electric, phone and cable TV utilities along Gobbi and State Streets.	Electric Utility Department	18048	Infrastructure	New	2021	2023	Yes			\$ 755,000		Not Reviewed
SUB-TOTAL:										\$ 549,500	\$ 1,580,000	\$ 5,434,500	

PUBLIC WORKS DEPARTMENT													
Project Name	Project Description	Department	Project Number	Improvement Type	Project Status	Project		Funding Identified	Costs to date	Estimated	Totals	Comments	City Council Status
						Start	End			18/19			

FIVE YEAR CAPITAL IMPROVEMENT PLAN July 1, 2018												
NWP Rail Trail Phase 2	NWP Rail Trail Phase 2 Construction.	Public Works	17034	Infrastructure	In Progress	2019	2020	Yes		\$ 1,484,000		Reviewed and Supported
NWP Rail Trail Phase 3	NWP Rail Trail Phase 3, Non-Construction (Design, Engineering, Permitting, Landscape Design)	Public Works	17034	Infrastructure	In Progress	2018	2019	Yes	\$ 442,000	\$ 442,000		Reviewed and Supported
Landfill Closure	This project will permanently close the Landfill Disposal site per Federal Mandates.	Public Works	18025	Infrastructure	In Progress	2018	2020	Yes		\$ 10,383,000	Project specifics will require additional Council review.	Reviewed and Supported
SUB-TOTAL: \$ -									\$ 442,000	\$ 12,309,000		

FIVE YEAR CAPITAL IMPROVEMENT PLAN
July 1, 2018

WATER RESOURCES DEPARTMENT													
Project Name	Project Description	Department	Project Number	Improvement Type	Project Status	Project		Funding Identified	Costs to date	Estimated	Totals	Comments	City Council Status
						Start	End			18/19			
Replacement of Pressure Zone 2 South Reservoir	The new reservoir is needed due to the deteriorating condition of the existing one. This provides value to the Water customers as it provides storage for treated, potable water.	Water Resources	15071	Infrastructure	In Progress	2018	2020	Yes	\$ 43,586	\$ 150,000	\$ 193,586		Reviewed and Supported
Henderson Lane Water Main Replacement	Project is needed in order to upgrade a failing water main. This is needed in order to provide potable water to the Water customers.	Water Resources	18051	Infrastructure	In Progress	2018	2020	Yes		\$ 150,000	\$ 150,000		Not Reviewed
Phase 4 Recycled Water	This project will provide an additional irrigation source for City Parks, Golf Course, Cemetery and Schools. This will reduce the demand on the potable water system and reduce discharge to the Russian River	Water Resources	18052	Infrastructure	New	2019	2022	Yes			\$ 25,875,000	Seeking grant funding.	Reviewed and Supported
Recycled Water Project Phases 1-3	This project will provide irrigation and frost protection water for vineyards and orchards along the Russian River. This will assist in reducing discharge to the Russian River	Water Resources	15062	Infrastructure	In Progress	2018	2019	Yes	\$ 4,800,000	\$ 21,000,000	\$ 25,800,000	17/18 Budgeted and Encumbered - will be fully expensed in the 2018/2019 fiscal year	Budget Adopted
AWT Actuators/Valves	These actuators and valves need to be replaced due to their age at the Wastewater Treatment Plant.	Water Resources	18053	Infrastructure	New	2018	2019	Yes		\$ 40,000	\$ 40,000		Not Reviewed
Chlorine Residual Valve/Alarm on Discharge	Engineering and installation. Critical safety valve to monitor the outflow of chlorinated water into the river.	Water Resources	18054	Infrastructure	New	2018	2019	Yes		\$ 150,000	\$ 150,000		Not Reviewed
Telemetry	Add telemetry to automatically control discharge ratio.	Water Resources	18055	Infrastructure	New	2018	2019	Yes		\$ 30,000	\$ 30,000		Not Reviewed
SUB-TOTAL:									\$ 4,843,586	\$ 21,520,000	\$ 52,238,586		
TOTALS FOR INFRASTRUCTURE :									\$ 5,393,086	\$ 24,802,000	\$ 74,132,086		

FIVE YEAR CAPITAL IMPROVEMENT PLAN
July 1, 2018

STREETS & RIGHTS-OF-WAY

PUBLIC WORKS DEPARTMENT

Project Name	Project Description	Department	Project Number	Improvement Type	Project Status	Project		Funding Identified	Costs to date	Estimated	Totals	Comments	City Council Status
						Start	End			18/19			
Talmage Interchange/Redwood Business Park Improvements Project	This project will provide better traffic flow in the Airport Park Boulevard Area of Ukiah.	Public Works	13001	Streets & Rights-of-Way	In Progress	2017	2018	Yes	\$ 3,700,000	\$ 3,633,000	\$ 7,333,000	Financing established.	Budget Adopted
2018 Street Rehabilitation Project	This project generally consists of edge grinding and applying 2" AC overlay over existing asphalt concrete pavement as well as curb ramp construction, at various locations.	Public Works	18006	Streets & Rights-of-Way	In Progress	2017	2018	Yes		\$ 1,127,580	\$ 1,127,580	This is currently being bid, and is anticipated to be awarded and encumbered in 2017/2018 budget, and rolled and paid for in the 2018/2019 budget.	Budget Adopted
2019 Measure Y Arterial Street Improvement Project	This project will improve the Streets network.	Public Works	18015	Streets & Rights-of-Way	New	2018	2020	Yes		\$ 3,197,694	\$ 3,197,694	Needs Council direction.	Not Reviewed
2020 Measure Y Local Street Project	This project will improve the Streets network.	Public Works	18016	Streets & Rights-of-Way	New	2018	2020	Yes			\$ 3,000,000	Needs Council direction.	Not Reviewed
Smith Street Reconstruction	This project will improve the Streets network.	Public Works	15030	Streets & Rights-of-Way	In Progress	2017	2019	Yes		\$ 250,000	\$ 250,000		Reviewed and Supported
Downtown Streetscape	This project will improve the Streets network and provide a more pedestrian friendly downtown corridor.	Public Works	18019	Streets & Rights-of-Way	In Progress	2019	2021	Yes			\$ 6,000,000	Combination of General Fund and Grants. Needs Council direction.	Reviewed and Supported
Orr Street Bridge	This project will improve the bridge on Orr Street at Orr Creek.	Public Works	18065	Streets & Rights-of-Way	In Progress	2019	2020	Yes			\$ 254,438	Direction by Council was to develop the option for a pedestrian bike bridge with access for service and emergency vehicles only; look into options and cost for getting a turn-around on the south side; bring back cost scenarios for decking; and work with Wagenseller group with design options and budget.	Reviewed and Supported
Low Gap Road and North Bush Street Roundabout	This project will complete the environmental, ROW, and design phases for a roundabout at Low Gap Road and N. Bush St. Construction phase not currently funded.	Public Works	18064	Streets & Rights-of-Way	In Progress	2019	2021	Yes			\$ 115,000	Design authorized, but project requires additional Council review.	Reviewed and Supported
2018 Slurry Seal Project	This project will improve the Streets network.	Public Works	18007	Streets & Rights-of-Way	In Progress	2017	2019	Yes		\$ 200,000	\$ 200,000		Not Reviewed
Gobbi/Waugh Traffic Signal	This project will alleviate traffic for better vehicle flow.	Public Works	18062	Streets & Rights-of-Way	New	2018	2020	Yes		\$ 110,000	\$ 110,000	Rebudgeted.	Budget Adopted
SUB-TOTAL:									\$ 3,700,000	\$ 8,518,274	\$ 21,587,712		
TOTALS FOR STREETS & RIGHTS-OF-WAY:									\$ 3,700,000	\$ 8,518,274	\$ 21,587,712		

FIVE YEAR CAPITAL IMPROVEMENT PLAN
July 1, 2018

VEHICLES, MACHINERY & EQUIPMENT

AIRPORT													
Project Name	Project Description	Department	Project Number	Improvement Type	Project Status	Project		Funding Identified	Costs to date	Estimated	Totals	Comments	City Council Status
						Start	End			18/19			
Replace 20,000 gallon fuel tank with 20,000 gallon Jet A tank	Current tank is a split fuel system, containing both Jet A fuel and AvGas. Conversion to Jet A is necessary to maximize the fuel sources for the airport, and provide better service to its customers.	Airport	15042	Vehicles, Machinery & Equipment	In Progress	2017	2019	Yes		\$ 150,000	\$ 150,000	Rebudgeted.	Budget Adopted
ATV Golf Cart	With over 160 acres of airport ground, staff needs to be able to get around the airport quickly. The use of this vehicle is more practical for frequent stops made during airfield inspections.	Airport	E4956	Vehicles, Machinery & Equipment	New	2019		Yes		\$ 12,000	\$ 12,000		Not Reviewed
Mower Replacement - Shared Cost	The replacement of Equipment #1230, a 1987 Massey Ferguson with a 383 sidearm, is necessary as it is not CARB compliant, and replacement parts are unavailable. This equipment is used to maintain the public right-of-way, Wastewater Treatment Plant, and the Ukiah Municipal Airport. It keeps City facilities appearing tidy for the public, and specifically equipped with a sidearm mower for banks, levees and other difficult to access locations. Three divisions share the cost: \$140,000 total	Airport	E1231	Vehicles, Machinery & Equipment	New	2018	2019	Yes		\$ 35,000	\$ 35,000		Not Reviewed
SUB-TOTAL:									\$ -	\$ 197,000	\$ 197,000		

COMMUNITY SERVICES DEPARTMENT													
Project Name	Project Description	Department	Project Number	Improvement Type	Project Status	Project		Funding Identified	Costs to date	Estimated	Totals	Comments	City Council Status
						Start	End			18/19			
Parks Replacement Truck	Parks Department needs to replace one truck in order for staff to continue to provide daily maintenance to parks and other City owned properties.	Community Services	V3263	Vehicles, Machinery & Equipment	New	2018	2018	Yes		\$ 35,000	\$ 35,000		Not Reviewed
Replacement Truck	Replacement of vehicles that are no longer cost effective to repair.	Community Services	V737	Vehicles, Machinery & Equipment	New	2019	2019	No			\$ 70,000		Not Reviewed
Replacement Truck	Replacement of vehicles that are no longer cost effective to repair.	Community Services	18066	Vehicles, Machinery & Equipment	New	2020	2020	No			\$ 40,000		Not Reviewed
Playground Equipment Replacement - Todd Grove Park	Replacement of this equipment is necessary, due to age of the equipment, the rising cost of replacement pieces, and safety concerns. This will be a phased project, replace the most used section first, and the balance of it to complete the project.	Community Services	18009	Vehicles, Machinery & Equipment	New	2021	2022	No			\$ 300,000	Department plans to transfer \$25k into reserve account starting in 2019/2020 fiscal year. Also seeking grant funding.	Not Reviewed
Playground Equipment Replacement - Oak Manor	Replacement of this equipment is necessary, due to the age and high usage of this equipment, as well as safety concerns. Staff will be seeking grant funds to assist with the cost.	Community Services	18010	Vehicles, Machinery & Equipment	New	2022		No			\$ 100,000	Seeking grant funding.	Not Reviewed
Bucket Truck Replacement - Shared Cost	There are currently two bucket trucks, Vehicle #2221, a 1992 Ford F450 which is being put into surplus in fiscal year 2017/2018, and Vehicle #2230, a 1995 Ford F450, which will be kept into service until it is replaced. It is used to trim street and park trees, and also assists in hanging banners which promote City services and activities which benefit the community. Two divisions share the cost: \$100,000 total	Community Services	V2224	Vehicles, Machinery & Equipment	New	2019	2020	No			\$ 50,000		Not Reviewed
SUB-TOTAL:									\$ -	\$ 35,000	\$ 595,000		

ELECTRIC UTILITY DEPARTMENT													
Project Name	Project Description	Department	Project Number	Improvement Type	Project Status	Project		Funding Identified	Costs to date	Estimated	Totals	Comments	City Council Status
						Start	End			18/19			
Micron Oil Filter Cart	The proposed cart will be used to maintain, filter and transfer oils used in the plant's turbines and generators for lubrication and for oil used in hydraulic systems to operate large valves and gates. The new cart will provide staff will a significantly improved oil handling and filtering system resulting in longer equipment life with improved efficiency.	Electric Utility Department	18036	Vehicles, Machinery & Equipment	New	2018	2019	Yes		\$ 25,000	\$ 25,000		Not Reviewed
Electric Meter Replacements	Electric Meter Replacement and cloud based data management system improving customer access to outage information, usage data and provide customer selectable notifications.	Electric Utility Department	15080	Vehicles, Machinery & Equipment	In Progress	2018	2022	Yes	\$ 5,000	\$ 10,000	\$ 2,525,000	Currently in the planning stage.	Reviewed and Supported
Clean Air Vehicle	Pending on new technology developments, purchase a clean air, electric or hydrogen fueled vehicle for local in town customer and construction site visits. Vehicle may be the beginning of the City's clean air mobile fleet that includes electric car charger incentives and loan programs.	Electric Utility Department	V4544	Vehicles, Machinery & Equipment	New	2019	2019	Yes		\$ 60,000	\$ 60,000		Not Reviewed
Truck - Supervisor	Replaces a Ford F-150 pickup truck with a projected 120,000 miles at time of replacement.	Electric Utility Department	V3764	Vehicles, Machinery & Equipment	New	2020	2020	Yes			\$ 55,000		Not Reviewed
Lift	Replaces a high capacity fork lift due to 1. Air quality standards to update/improve engine emissions and 2. Due to the equipment's condition and age.	Electric Utility Department	E1718	Vehicles, Machinery & Equipment	New	2021	2021	Yes			\$ 70,000		Not Reviewed
SUB-TOTAL:									\$ 5,000	\$ 95,000	\$ 2,735,000		

FIRE AUTHORITY													
Project Name	Project Description	Department	Project Number	Improvement Type	Project Status	Project		Funding Identified	Costs to date	Estimated	Totals	Comments	City Council Status
						Start	End			18/19			
Type VI Wildland Fire Engine	This Engine is to replace U-6547, which is a 1999 Ford F-350 with a 120 gpm pump and 250 gallon water tank. The replacement is per NFPA guidelines of 10 years as a frontline, and 10 years as a reserve. The U-6547 will be repurposed as a utility vehicle. The new Wildland Type VI Engine will be equipped with a pump and water tank, and will have compartment space to allow additional medical and rescue gear to be stored. This will allow the vehicle to respond to any type of emergency incident, and will serve as a first out for volunteer and personnel call back response. It will also back-up vehicles E-6465 and E6463 when they are called on an out-of-county assignment, assisting other communities in need.	Fire Authority	V2671	Vehicles, Machinery & Equipment	New	2018	2028	Yes		\$ 29,200	\$ 146,000	Lease purchase. Budgeted payments at 3.75%, 10 years paid semi-annually. Total cost is \$240,000 plus interest. Other org and object is 10021210.74501	Not Reviewed

FIVE YEAR CAPITAL IMPROVEMENT PLAN
July 1, 2018

Command/Chief Vehicle	This new Command/Chief Vehicle will serve as the Fire Chief's vehicle. It will replace U-6545, a 2004 Chevy 2500 HD, with current mileage of 88,744. This vehicle has been in a collision suffering major damage to the front end, which was repaired and vehicle has since been put back into service. U-6545 has been removed from service and the fleet.	Fire Authority	V3164	Vehicles, Machinery & Equipment	New	2018	2019	Yes		\$ 50,000	\$ 50,000		Not Reviewed
Command/Chief Vehicle	This new Command/Chief vehicle would service as a Division Chiefs vehicle. It will replace D-6505, a 2006 Chevy 2500 HD, with current mileage of 78,000. The D-6505 may be repurposed as a utility vehicle.	Fire Authority	V3165	Vehicles, Machinery & Equipment	New	2019	2020	No			\$ 50,000		Not Reviewed
Command/Chief Vehicle	This new Command/Chief vehicle will serve as a Division Chief vehicle. It may be repurposed to replace the D-6504, a 2007 Chevy 2500 HD with 67,370 miles.	Fire Authority	V3166	Vehicles, Machinery & Equipment	New	2020	2021	No			\$ 50,000		Not Reviewed
Type I Reserve Fire Engine	This Engine is to replace E-6483, which is a 1995 Freightliner/3D with a pump capacity of 15000 gpm, with a 750 gallon water tank, and current mileage of 95,944. The purchase of a reserve type engine will serve to maintain our current ISO rating. It will be utilized and housed at the Central Station, with the primary assignment of volunteer response.	Fire Authority	18058	Vehicles, Machinery & Equipment	New	2018	2019	Yes		\$ 250,000	\$ 250,000	Will be shopping for a used engine. Measure B funded.	Not Reviewed
Command/Chief Vehicle	The purchase of this new Command/Chief vehicle will serve as Division Chief vehicle, replacing C-6403, which is a 2006 Ford Expedition, with 108,352 miles.	Fire Authority	18059	Vehicles, Machinery & Equipment	New	2019	2020	Yes			\$ 50,000	Measure B funded.	Not Reviewed
SUB-TOTAL:										\$ -	\$ 329,200	\$ 596,000	

POLICE DEPARTMENT													
Project Name	Project Description	Department	Project Number	Improvement Type	Project Status	Project		Funding Identified	Costs to date	Estimated	Totals	Comments	City Council Status
						Start	End			18/19			
Replace Damaged Patrol Car	Replace patrol car that was damaged beyond repair as a result of a police pursuit. REMIF had determined that the damage was too costly to repair and declared the vehicle a complete loss. REMIF will be paying to replace the vehicle.	Police	V4206	Vehicles, Machinery & Equipment	In Progress	2018	2019	Yes		\$ 60,000	\$ 60,000	REMIF Reimbursement	Not Reviewed
Annual Police Car Replacement	Annually the Police Department schedules the replacement of two patrol cars. Typically, a patrol car lasts about 3 years before it reaches the end of it's service life. It take the department about a year to order, receive and outfit a car for patrol use. By scheduling regular replacement of cars, the department ensures we have enough cars available for patrol use.	Police	V4208 and V4199	Vehicles, Machinery & Equipment	On-going	2018	2023	Yes		\$ 100,000	\$ 500,000	V4208 - Durango, V4199 Charger	Reviewed and Supported
SUB-TOTAL:										\$ -	\$ 160,000	\$ 560,000	

PUBLIC WORKS DEPARTMENT													
Project Name	Project Description	Department	Project Number	Improvement Type	Project Status	Project		Funding Identified	Costs to date	Estimated	Totals	Comments	City Council Status
						Start	End			18/19			
Engineering Inspector Vehicle - Ford F-150 - Shared Cost	Due to the addition of Engineering Staff, a Ford F-150 is needed in order to manage and inspect projects that improve the Streets, Water and Wastewater infrastructure in order to provide required services to our citizens. Three divisions share the cost: \$33,000 total	Public Works	V3722	Vehicles, Machinery & Equipment	New	2018	2019	Yes		\$ 11,000	\$ 11,000		Not Reviewed
Camera Truck Replacement - Shared Cost	The existing camera truck, Vehicle #2636, a 2008 Chevy Hi-Cube Van, equipped with Cues camera equipment, needs to be replaced, as the technology is outdated, and the vehicle itself unreliable. This replacement is necessary in order to continue to CCTV Sewer mains and Storm drains. Two divisions share this cost. Total cost: \$250,000	Public Works	V2637	Vehicles, Machinery & Equipment	New	2018	2019	Yes		\$ 27,500	\$ 27,500		Not Reviewed
Sweeper Replacement	The existing sweeper, Vehicle #2522, a 2008 Tymco Sweeper, will need to be replaced due to its high use and anticipated hours it will reach. Total cost: \$248,100	Public Works	V2524	Vehicles, Machinery & Equipment	New	2019	2021	No			\$ 248,100	Department plans transfer to reserves for this replacement.	Not Reviewed
Mower Replacement - Shared Cost	The replacement of Equipment #1230, a 1987 Massey Ferguson with a 383 sidearm, is necessary as it is not CARB compliant, and replacement parts are unavailable. This equipment is used to maintain the public right-of-way, Wastewater Treatment Plant, and the Ukiah Municipal Airport. It keeps City facilities appearing tidy for the public, and specifically equipped with a sidearm mower for banks, levees and other difficult to access locations. Three divisions share the cost: \$140,000 total	Public Works	E1231	Vehicles, Machinery & Equipment	New	2018	2019	Yes		\$ 70,000	\$ 70,000		Not Reviewed
Asphalt Zipper - Shared Cost	The current equipment is Equipment #1000, a 1994 Wirgten W500 Grinder. This is a CARB Tier 0, and a retrofit for this unit is unavailable. This equipment assists in the ongoing maintenance of the Streets network in order to provide upgraded facilities for our residents. Three divisions will contribute: \$120,000 total	Public Works	E1001	Vehicles, Machinery & Equipment	New	2022	2023	Yes			\$ 40,000	Department plans to set aside funds for this replacement.	Not Reviewed
Asphalt Roller -Shared Cost	The current equipment is Equipment #1611, a 1995 CAT CB214C Roller. This is CARB Tier 0, and a retrofit for this unit is unavailable. This equipment assists in the ongoing maintenance of the Streets network in order to provide upgraded facilities for our residents. Three divisions will contribute: \$66,000 total	Public Works	E1612	Vehicles, Machinery & Equipment	New	2022	2023	Yes			\$ 22,000	Department plans to set aside funds for this replacement.	Not Reviewed
Asphalt Paver - Shared Cost	The current equipment is Equipment #1811, a 1998 LeeBoy Model 1000B Paver. This is a CARB Tier 0, and a retrofit for this unit is unavailable. This equipment assists in the ongoing maintenance of the Streets network in order to provide upgraded facilities for our residents. Three divisions will contribute: \$210,000 total	Public Works	E1812	Vehicles, Machinery & Equipment	New	2022	2023	Yes			\$ 70,000	Department plans to set aside funds for this replacement.	Not Reviewed
Cold Planer	This equipment is needed to remove thermoplastic striping from the Streets network and to remove raised sidewalk in order to provide safer pedestrian facilities.	Public Works	E1401	Vehicles, Machinery & Equipment	New	2018	2019	Yes		\$ 25,000	\$ 25,000		Not Reviewed
Backhoe Replacement - Shared Cost	The existing Backhoe, Equipment #1321, a 1990 Case 580 Backhoe, needs to be replaced in order to meet CARB requirements. It provides a much needed service of maintaining and repairing Water Mains, Sewer Mains, Streets and the Corporation Yard. All of these services are provided in order to continue providing services to our ratepayers and citizens. Four divisions share the cost: \$120,000 total	Public Works	E1323	Vehicles, Machinery & Equipment	New	2018		Yes		\$ 12,000	\$ 12,000		Not Reviewed

FIVE YEAR CAPITAL IMPROVEMENT PLAN
July 1, 2018

Bucket Truck Replacement - Shared Cost	There are currently two bucket trucks, Vehicle #2221, a 1992 Ford F450 which is being put into surplus in fiscal year 2017/2018, and Vehicle #2230, a 1995 Ford F450, which will be kept into service until it is replaced. It is used to trim street and park trees, and also assists in hanging banners which promote City services and activities which benefit the community. Two divisions share the cost. Total cost: \$100,000	Public Works	V2224	Vehicles, Machinery & Equipment	New	2019		No			\$ 50,000		Not Reviewed
Ford F-150 - Fleet & Plant Maintenance	Fleet and Plant Maintenance Division currently uses Vehicle #3111, a 2004 Ford Ranger, that was originally purchased by the Police Department. The replacement is needed is in needed so this division is better equipped to continue to provide services to all City Department and outside agencies. Existing Vehicle #3111 will be transferred back to the Police Department.	Public Works	V3245	Vehicles, Machinery & Equipment	New	2018	2019	Yes		\$ 35,000	\$ 35,000		Not Reviewed
Backhoe Replacement - Shared Cost	The existing Backhoe, Equipment #1321, a 1990 Case 580 Backhoe, needs to be replaced in order to meet CARB requirements. It provides a much needed service of maintaining and repairing Water Mains, Sewer Mains, Streets and the Corporation Yard. All of these services are provided in order to continue providing services to our ratepayers and citizens. Four divisions share the cost: \$120,000 total	Public Works	E1323	Vehicles, Machinery & Equipment	New	2018	2019	Yes		\$ 12,000	\$ 12,000		Not Reviewed
Loader and Dump Truck Replacements	Loader and Dump Truck Replacement for 3 years. This equipment is used to maintain and repair the Infrastructure for our citizens. Total cost: \$686,700	Public Works	18017	Vehicles, Machinery & Equipment	New	2021	2022	Yes			\$ 686,700	Department plans transfer to reserves for this replacement.	Not Reviewed
SUB-TOTAL: \$ -										\$ 192,500	\$ 1,309,300		

WATER RESOURCES DEPARTMENT

Project Name	Project Description	Department	Project Number	Improvement Type	Project Status	Project		Funding Identified	Costs to date	Estimated	Totals	Comments	City Council Status
						Start	End			18/19			
Engineering Inspector Vehicle - Ford F-150 - Shared Cost	Due to the addition of Engineering Staff, a Ford F-150 is needed in order to manage and inspect projects that improve the Streets, Water and Wastewater infrastructure in order to provide required services to our citizens. Three divisions share the cost: \$33,000 total	Water Resources	V3722	Vehicles, Machinery & Equipment	New	2018	2019	Yes		\$ 11,000	\$ 11,000		Not Reviewed
WTP Ford F-150	Replaces Vehicle #3730, a 2002 Ford F-150. Due to the age and high usage of this vehicle, it is time to replace. This vehicle will be used to assist in the operations of the Water Department in order to provide potable water to our customers.	Water Resources	V3732	Vehicles, Machinery & Equipment	New	2018	2019	Yes		\$ 35,000	\$ 35,000		Not Reviewed
Replace VFD at Ranney Collector	This replacement is necessary in order to update aging infrastructure so the City can continue to provide services to our water customers.	Water Resources	18049	Vehicles, Machinery & Equipment	New	2018	2019	Yes		\$ 100,000	\$ 100,000		Not Reviewed
Upgrade SCADA System	This upgrade is necessary in order to update aging infrastructure so we can continue to provide services to our water customers.	Water Resources	18050	Vehicles, Machinery & Equipment	New	2018	2019	Yes		\$ 300,000	\$ 300,000		Not Reviewed
Asphalt Zipper - Shared Cost	The current equipment is Equipment #1000, a 1994 Wirgten W500 Grinder. This is a CARB Tier 0, and a retrofit for this unit is unavailable. This equipment assists in the ongoing maintenance of the Streets network in order to provide upgraded facilities for our residents. Three divisions will contribute: \$120,000 total	Water Resources	E1001	Vehicles, Machinery & Equipment	New	2022	2023	Yes			\$ 40,000	Department plans to set aside funds for this replacement.	Not Reviewed
Asphalt Roller -Shared Cost	The current equipment is Equipment #1611, a 1995 CAT CB214C Roller. This is CARB Tier 0, and a retrofit for this unit is unavailable. This equipment assists in the ongoing maintenance of the Streets network in order to provide upgraded facilities for our residents. Three divisions will contribute: \$66,000 total	Water Resources	E1612	Vehicles, Machinery & Equipment	New	2022	2023	Yes			\$ 22,000	Department plans to set aside funds for this replacement.	Not Reviewed
Asphalt Paver - Shared Cost	The current equipment is Equipment #1811, a 1998 LeeBoy Model 1000B Paver. This is a CARB Tier 0, and a retrofit for this unit is unavailable. This equipment assists in the ongoing maintenance of the Streets network in order to provide upgraded facilities for our residents. Three divisions will contribute: \$210,000 total	Water Resources	E1812	Vehicles, Machinery & Equipment	New	2022	2023	Yes			\$ 70,000	Department plans to set aside funds for this replacement.	Not Reviewed
Backhoe Replacement - Shared Cost	The existing Backhoe, Equipment #1321, a 1990 Case 580 Backhoe, needs to be replaced in order to meet CARB requirements. It provides a much needed service of maintaining and repairing Water Mains, Sewer Mains, Streets and the Corporation Yard. All of these services are provided in order to continue providing services to our ratepayers and citizens. Four divisions share the cost: \$120,000 total	Water Resources	E1323	Vehicles, Machinery & Equipment	New	2018	2019	Yes		\$ 48,000	\$ 48,000		Not Reviewed
Vactor Replacement - Shared Cost	The existing vehicle, Vehicle #2515, a 2009 VacCon V350 LHA, will need to be replaced as it will be soon reaching its end-of-life. This equipment assists in repairing and maintaining the Water Distribution and Sewer Collection System in order to provide services to our rate payers. Two divisions share the cost: \$300,000 total	Water Resources	V2518	Vehicles, Machinery & Equipment	New	2020	2021	No			\$ 150,000	Electric Utility Department needs will also be considered.	Not Reviewed
Engineering Inspector Vehicle - Ford F-150 - Shared Cost	Due to the addition of Engineering Staff, a Ford F-150 is needed in order to manage and inspect projects that improve the Streets, Water and Wastewater infrastructure in order to provide required services to our citizens. Three divisions share the cost: \$33,000 total	Water Resources	V3722	Vehicles, Machinery & Equipment	New	2018	2019	Yes		\$ 11,000	\$ 11,000		Not Reviewed
Mower Replacement - Shared Cost	The replacement of Equipment #1230, a 1987 Massey Ferguson with a 383 sidearm, is necessary as it is not CARB compliant, and replacement parts are unavailable. This equipment is used to maintain the public right-of-way, Wastewater Treatment Plant, and the Ukiah Municipal Airport. It keeps City facilities appearing tidy for the public, and specifically equipped with a sidearm mower for banks, levees and other difficult to access locations. Three divisions share the cost: \$140,000 total	Water Resources	E1231	Vehicles, Machinery & Equipment	New	2018	2019	Yes		\$ 35,000	\$ 35,000		Not Reviewed
Asphalt Zipper - Shared Cost	The current equipment is Equipment #1000, a 1994 Wirgten W500 Grinder. This is a CARB Tier 0, and a retrofit for this unit is unavailable. This equipment assists in the ongoing maintenance of the Streets network in order to provide upgraded facilities for our residents. Three divisions will contribute: \$120,000 total	Water Resources	E1001	Vehicles, Machinery & Equipment	New	2022	2023	Yes			\$ 40,000	Department plans to set aside funds for this replacement.	Not Reviewed
Asphalt Roller -Shared Cost	The current equipment is Equipment #1611, a 1995 CAT CB214C Roller. This is CARB Tier 0, and a retrofit for this unit is unavailable. This equipment assists in the ongoing maintenance of the Streets network in order to provide upgraded facilities for our residents. Three divisions will contribute: \$66,000 total	Water Resources	E1612	Vehicles, Machinery & Equipment	New	2022	2023	Yes			\$ 66,000	Department plans to set aside funds for this replacement.	Not Reviewed

FIVE YEAR CAPITAL IMPROVEMENT PLAN July 1, 2018													
Asphalt Paver - Shared Cost	The current equipment is Equipment #1811, a 1998 LeeBoy Model 1000B Paver. This is a CARB Tier 0, and a retrofit for this unit is unavailable. This equipment assists in the ongoing maintenance of the Streets network in order to provide upgraded facilities for our residents. Three divisions will contribute: \$210,000 total	Water Resources	E1812	Vehicles, Machinery & Equipment	New	2022	2023	Yes			\$ 70,000	Department plans to set aside funds for this replacement.	Not Reviewed
Backhoe Replacement - Shared Cost	The existing Backhoe, Equipment #1321, a 1990 Case 580 Backhoe, needs to be replaced in order to meet CARB requirements. It provides a much needed service of maintaining and repairing Water Mains, Sewer Mains, Streets and the Corporation Yard. All of these services are provided in order to continue providing services to our ratepayers and citizens. Four divisions share the cost: \$120,000 total	Water Resources	E1323	Vehicles, Machinery & Equipment	New	2018	2019	Yes		\$ 48,000	\$ 48,000		Not Reviewed
Vactor Replacement - Shared Cost	The existing vehicle, Vehicle #2515, a 2009 VacCon V350 LHA, will need to be replaced as it will be soon reaching its end-of-life. This equipment assists in repairing and maintaining the Water Distribution and Sewer Collection System in order to provide services to our rate payers. Two divisions share the cost: \$300,000 total	Water Resources	V2518	Vehicles, Machinery & Equipment	New	2020	2021	No			\$ 150,000	Electric Utility Department needs will also be considered.	Not Reviewed
Camera Truck Replacement - Shared Cost	The existing camera truck, Vehicle #2636, a 2008 Chevy Hi-Cube Van, equipped with Cues camera equipment, needs to be replaced, as the technology is outdated, and the vehicle itself unreliable. This replacement is necessary in order to continue to CCTV Sewer mains and Storm drains. Two divisions share this cost. Total cost: \$250,000	Water Resources	V2637	Vehicles, Machinery & Equipment	New	2018	2019	Yes		\$ 212,500	\$ 212,500		Not Reviewed
Ford/Orchard Lift Station Upgrade	This needs upgrading to change from single to three phase power, installing two new pumps, the pump guides, and the discharge valves.	Water Resources	15099	Vehicles, Machinery & Equipment	New	2018	2019	Yes		\$ 75,000	\$ 75,000		Not Reviewed
Telescoping Lift	This equipment is needed at the Wastewater Treatment Plant to assist in maintaining the facility which provides Waste Water Treatment for the City and the Ukiah Valley Sanitation District.	Water Resources	E1718	Vehicles, Machinery & Equipment	New	2018	2019	Yes		\$ 12,000	\$ 12,000		Not Reviewed
Methane Scrubbers	Methane Scrubbers are needed in order to clean the methane gas to provide an alternate energy source to operate the boilers at the Wastewater Treatment Plant, which will in turn decrease the City's energy cost at the plant.	Water Resources	18056	Vehicles, Machinery & Equipment	New	2018	2019	Yes		\$ 100,000	\$ 100,000		Not Reviewed
TFSC REXA Valves	These valves need to be replaced due to their age and the environment they reside in at the Wastewater Treatment Plant.	Water Resources	18057	Vehicles, Machinery & Equipment	New	2018	2019	Yes		\$ 30,000	\$ 30,000		Not Reviewed
SUB-TOTAL:										\$ -	\$ 1,017,500	\$ 1,625,500	
TOTALS FOR VEHICLES, MACHINERY & EQUIPMENT :										\$ 5,000	\$ 2,026,200	\$ 7,617,800	

FIVE YEAR CAPITAL IMPROVEMENT PLAN
July 1, 2018

FACILITIES/BUILDINGS/LAND																									
COMMUNITY SERVICES DEPARTMENT																									
Project Name	Project Description	Department	Division	Org/Object	Project Number	Allocation to Multi-funds	Project Contact Name (s)	Project Contact Email (s)	Project Location	Improvement Type	Project Status	Project Timeline		Funding Source	Funding Identified	Funding Type	Costs to date	Estimated Costs per Fiscal Year					Totals	Comments	City Council Status
												Start	End					18/19	19/20	20/21	21/22	22/23			
Improvements to Vinewood Park	Staff received a grant to renovate Vinewood Park. The items that will be improved are some elements the Vinewood community expressed they would like to see improved.	Community Services	Parks	10022100.80220	18011	N/A	Jarrod Meyer	jmeyer@cityofukiah.com	1260 Elm Street	Facilities/Buildings/Land	In Progress	2018	2019	General	Yes	New Revenues		\$ 280,000					\$ 280,000	Grant funded.	Reviewed and Supported
Pool Block House	The block house pool storage is in need of replacement due to age and general deterioration of the building.	Community Services	Parks	10022100.80220	18012	N/A	Jarrod Meyer	jmeyer@cityofukiah.com	511 Park Boulevard	Facilities/Buildings/Land	New	2019	2020	General	No	Current Revenues			\$ 250,000				\$ 250,000		Not Reviewed
Riverside Park	State grant to provide some grading, flood surveying, debris removal and planting.	Community Services	Parks	10022100.80220	18014	N/A	Jarrod Meyer	jmeyer@cityofukiah.com	1281 East Gobbi Street	Facilities/Buildings/Land	In Progress	2018	2020	General	Yes	New Revenues			\$ 1,000,000				\$ 1,000,000	Grant funded.	Reviewed and Supported
Wagenseller Park	In 2017 the Community Development Department began work on a Wagenseller Park Feasibility Analysis. After taking public input the analysis will be completed in 2018. It has been determined through the analysis and other surveys a park is needed in the Wagenseller area. Community Services is working on the necessary steps for developing a park, they are; acquiring property, park planning then construction. Staff is researching acquisition funding along with park development funding to complete the project.	Community Services	Parks	10022100.80220	18063	N/A	Tami Bartolomei	tbartolomei@cityofukiah.com	TBD	Facilities/Buildings/Land	New	2022	2023	Capital Projects	No	New Revenues					\$ 950,000	\$ 950,000		Not Reviewed	
Splash Pad	This project would solve multiple issues at the Municipal Pool Facility. The first is a safety issue for young children and non-swimmers, our pool's current minimum depth is 3.5' which is quite deep for children under 5 years old. The second issue is that of wasted space. We have a 30' x 90' area which was previously a kiddie pool area that is now unusable and defunct. A splash pad is a flat area with water features such as jets, fountains and overhead sprays which provides a "zero depth" space for safe water play. They are very popular and would be an additional attraction to the pool facility, resulting in increased usage and revenue. A splash pad would solve both the safety issue and maximize the pool facility. Minimal maintenance issues have been reported by other facilities, due to a recirculating system there would be zero water loss (except evaporation) and the splash pad would only require the addition of one lifeguard to the staffing rotation. The current estimated cost is \$200,000 with the Friends of Todd Grove Pool and the Parks, Recreation and Golf Commission already on board to help fundraise for the project. The splash pad area will be ADA accessible and will be inclusive for children with disabilities.	Community Services	Aquatics	10022300.80220	17048	N/A	Jake Burgess	jburgess@cityofukiah.com	511 Park Boulevard	Facilities/Buildings/Land	New	2019	2020	General	No	New Revenues			\$ 200,000				\$ 200,000	Staff plans to begin fundraising and seek grant funding for this project in fiscal year 18/19.	Not Reviewed
Civic Center Reconfiguration - Shared Cost	Reconfiguration of Civic Center customer service and finance areas. Two divisions share this cost. Total cost: \$175,000	Community Services	Building & Grounds Maintenance	20822500.80220	15038	Shared cost with Utility Billing Fund 208.	Kerry Randall	krandall@cityofukiah.com	300 Seminary Avenue	Facilities/Buildings/Land	In Progress	2018	2019	Internal Service	Yes	Reserves		\$ 75,000					\$ 75,000	Re-budgeted. Utilizing Building Fund Reserves.	Budget Adopted
Fascia Renovation - Civic Center Annex	The Fascia of the Civic Center Annex is deteriorating and is in need of repair.	Community Services	Building & Grounds Maintenance	20822500.80220	15037	N/A	Kerry Randall	krandall@cityofukiah.com	411 West Clay Street	Facilities/Buildings/Land	In Progress	2018	2019	Internal Service	Yes	Reserves		\$ 75,000					\$ 75,000	Was reviewed, and part of the 2017/2018 budget. Requesting rebudget in 2018/2019 budget utilizing Building Fund Reserves.	Budget Adopted
Council Chamber Technology Upgrade	The technology in the Council Chamber is failing. Software and hardware that control the PTZ camera has failed. Other audio equipment and speakers are end of life and do not operate at a reasonable quality level. The camera technology is aged and picture quality is not acceptable and video streaming needs to be HD content for better viewing. This will bring the technology to a current functional level. This will also provide constituents a quality experience when viewing from home or attending our City Council meetings.	Community Services	Building & Grounds Maintenance	20822500.80220	15016	N/A	Scott Shaver	sshaver@cityofukiah.com	300 Seminary Avenue	Facilities/Buildings/Land	In Progress	2018	2019	Internal Service	Yes	Reserves		\$ 150,000					\$ 150,000	Re-budgeted. Utilizing Building Fund Reserves.	Budget Adopted
Picnic Area at Todd Grove Park	The Todd Grove picnic area is in need of replacing the asphalt surface area, barbeque and tables. There is currently \$50,000 in Park Development Funds 25100000.39044 to begin planning and design of the area.	Community Services	Parks	25122100.80220	18013	N/A	Jarrod Meyer	jmeyer@cityofukiah.com	600 Live Oak Avenue	Facilities/Buildings/Land	New	2019	2020	Capital Projects	No	Reserves		\$ 50,000	\$ 50,000				\$ 100,000	Park Development funds. 18/19 currently funded, 19/20 is not. Will be seeking grant funding.	Reviewed and Supported
Anton Stadium - Donor Sign	New sign to recognize donors for the Anton Stadium Project.	Community Services	Parks	30122210.80220	18020	N/A	Tami Bartolomei	tbartolomei@cityofukiah.com	506 Park Boulevard	Facilities/Buildings/Land	In Progress	2018	2018	Special Revenue	Yes	Current Revenues		\$ 18,000					\$ 18,000	Re-budgeted	Budget Adopted
Museum Roof Partial Repair/Replacement	Replace a portion of the roof of the Museum, or at least the underlayment. A good portion of the roof is now 30 years old and leaks are appearing in the older part of the building. Additionally, the beams under the front awning are suffering from wood rot, as is a section of the exterior under-roof at the southeast end. Benefits are to ensure protection of the building's exterior and the art and artifacts housed within the buildings, as well as ensure the safety of the visiting public and Museum staff.	Community Services	Museum	69122700.80220	18021	N/A	David Burton	dburton@cityofukiah.com	431 South Main Street	Facilities/Buildings/Land	In Progress	2018	2019	Special Revenue	Yes	Reserves		\$ 100,000					\$ 100,000		Reviewed and Supported
Museum Signage	Create and install museum signage at the mouth of the driveway on main street. Signage was designed as part of the Wild Gardens grant project. Due to cost overruns for the overall project, this signage was deferred. Currently the only identifying signage at the front of the museum is an historic marker. Signage indicating entrance to the museum grounds is needed as a navigation tool for drivers and pedestrians, as well as for branding purposes that help signal the beginning of the visitor's museum experience.	Community Services	Museum	69122700.80220	18022	N/A	David Burton	dburton@cityofukiah.com	431 South Main Street	Facilities/Buildings/Land	In Progress	2019	2020	Special Revenue	No	Current Revenues			\$ 25,000				\$ 25,000		Not Reviewed
Museum Exterior Painting	Museum exterior is in need of painting to ensure on-going protection of the wood surface. According to staff it has been close to ten years since last exterior painting. Major benefits include the protection of a major City asset and the maintaining of the beauty of the building for the public.	Community Services	Museum	69122700.80220	18023	N/A	David Burton	dburton@cityofukiah.com	431 South Main Street	Facilities/Buildings/Land	New	2019	2020	Special Revenue	No	Current Revenues			\$ 35,000				\$ 35,000		Not Reviewed
Museum LED Lighting	Replace aging gallery lighting fixtures and change out bulbs from halogen to LED. Original fixtures are nearing the end of their life span and failing at an accelerated rate. Currently the Museum has not extra fixtures to spare. LED lighting has the following major benefits: 1) Energy efficiency that can reduce electricity bills by 30-50% annually, plus are more environmentally friendly; 2) Significantly longer lifespan of each bulb reduces amount of time staff spends changing out bulbs and the annual expenditure on bulbs; 3) Greater protection of art work and artifacts as LED bulbs emit far less infrared and ultraviolet rays. This project would require a large expenditure at the beginning, with cost savings in electricity and bulb purchasing, leading to greater savings over time.	Community Services	Museum	69122700.80220	18024	N/A	David Burton	dburton@cityofukiah.com	431 South Main Street	Facilities/Buildings/Land	New	2019	2020	Special Revenue	No	Current Revenues			\$ 25,000				\$ 25,000		Not Reviewed
Awning Clean and/or Replace - Conference Center	Clean or replace front School Street facing awning with logo.	Community Services	Ukiah Valley Conference Center	73022600.80220	18028	N/A	Kerry Randall	krandall@cityofukiah.com	200 South School Street	Facilities/Buildings/Land	New	2019	2020	Enterprise	Yes	Current Revenues		\$ 10,000					\$ 10,000		Not Reviewed
Paint offices and Conference Rooms - Conference Center	Modernize and improve kitchen equipment.	Community Services	Ukiah Valley Conference Center	73022600.80220	18030	N/A	Kerry Randall	krandall@cityofukiah.com	200 South School Street	Facilities/Buildings/Land	In Progress	2019	2020	Enterprise	Yes	Current Revenues		\$ 15,000					\$ 15,000		Not Reviewed
SUB-TOTAL:																	\$ -	\$ 773,000	\$ 1,585,000	\$ -	\$ -	\$ 950,000	\$ 3,308,000		
ELECTRIC UTILITY DEPARTMENT																									
Project Name	Project Description	Department	Division	Org/Object	Project Number	Allocation to Multi-funds	Project Contact Name (s)	Project Contact Email (s)	Project Location	Improvement Type	Project Status	Project		Funding Source	Funding Identified	Funding Type	Costs to date	Estimated Costs per Fiscal Year					Totals	Comments	City Council Status
												Start	End					18/19	19/20	20/21	21/22	22/23			
Electric Utility Service Center - Remodel & Facility Improvements	Provides offices and warehouse facilities for the Electric Utility Dept. to better serve the community. Currently offices are located in 40 year old temporary modular buildings with no foundation. The electrical construction and maintenance materials are stored in an uninsulated unsealed tin building.	Electric Utility Department	Technical Services	80126100.80220	17023	N/A	Diann Lucchetti	dlucchetti@cityofukiah.com	1350 Hastings Road	Facilities/Buildings/Land	In Progress	2017	2021	Enterprise	Yes	Current Revenues	\$ 70,000	\$ 800,000	\$ 800,000	\$ 30,000	\$ 30,000	\$ 10,000	\$ 1,740,000	Re-budgeted.	Budget Adopted
Renewable Resource Development - Solar	Renewable energy development for the Utility's resource portfolio in meeting the States green energy mandates.	Electric Utility Department	Administration	80126100.80220	ECC01	N/A	Mel Grandi	mgrandi@cityofukiah.com	1350 Hasting Road	Facilities/Buildings/Land	New	2018	2023	Enterprise	Yes	Current Revenues		\$ 1,100,000	\$ 30,000	\$ 600,000	\$ 50,000	\$ 600,000	\$ 2,380,000		Not Reviewed
Hydroelectric Plant Warehouse, Shop and Restroom	Needed to store hydro specialized plant materials, spare parts, provides staff workspace and restroom/sink facilities.	Electric Utility Department	Technical Services	80126100.80230	18038	N/A	James O'Brien	jobrien@cityofukiah.com	1229 Lake Mendocino Drive	Facilities/Buildings/Land	New	2020	2021	Enterprise	Yes	Current Revenues	\$ 1,000		\$ 30,000	\$ 160,000			\$ 191,000		Not Reviewed
Substation Site Development	Evaluate the need and sites available to construct a future electrical substation to serve future loads based on planning forecasts of the City's growth.	Electric Utility Department	Technical Services	80126100.80230	18046	N/A	Mel Grandi	mgrandi@cityofukiah.com	TBD	Facilities/Buildings/Land	New	2021	2022	Enterprise	Yes	Current Revenues				\$ 20,000	\$ 300,000		\$ 320,000		Not Reviewed
SUB-TOTAL:																	\$ 71,000	\$ 1,900,000	\$ 860,000	\$ 810,000	\$ 380,000	\$ 610,000	\$ 4,631,000		
FINANCE DEPARTMENT																									
Project Name	Project Description	Department	Division	Org/Object	Project Number	Allocation to Multi-funds	Project Contact Name (s)	Project Contact Email (s)	Project Location	Improvement Type	Project Status	Project		Funding Source	Funding Identified	Funding Type	Costs to date	Estimated Costs per Fiscal Year					Totals	Comments	City Council Status
												Start	End					18/19	19/20	20/21	21/22	22/23			
Civic Center Reconfiguration - Shared Cost	Reconfiguration of Civic Center customer service and finance areas. Two divisions share this cost. Total cost: \$175,000.	Finance	Utility Billing	20513300.80220	15038	Shared cost with Utility Billing Fund 205.	Kerry Randall	krandall@cityofukiah.com	300 Seminary Avenue	Facilities/Buildings/Land	In Progress	2018	2019	Internal Service	Yes	Reserves		\$ 100,000					\$ 100,000	Re-budgeted.	Budget Adopted
Card Lock Phase II	The Police Department is in need of providing a more controlled, secure environment for their officers and employees. Card lock provides access security to all entrances and exits using key fobs and access cards. This is already installed in the Civic Center and Annex and is providing a high level of access security. This would provide additional Public Safety as well.	Finance	IT	20822500.80220	15019	N/A	Scott Shaver	sshaver@cityofukiah.com	300 Seminary Avenue	Facilities/Buildings/Land	Deferred	2019	2020	Internal Service	No	Current Revenues			\$ 85,000				\$ 85,000	This would be an expansion to the existing Card Lock system.	Not Reviewed
SUB-TOTAL:																	\$ -	\$ 100,000	\$ 85,000	\$ -	\$ -	\$ -	\$ 185,000		
FIRE AUTHORITY																									
Project Name	Project Description	Department	Division	Org/Object	Project Number	Allocation to Multi-funds	Project Contact Name (s)	Project Contact Email (s)	Project Location	Improvement Type	Project Status	Project		Funding Source	Funding Identified	Funding Type	Costs to date	Estimated Costs per Fiscal Year					Totals	Comments	City Council Status
												Start	End					18/19	19/20	20/21	21/22	22/23			
South Station HVAC Replacement	It is recommended to continue from the 17/18 budget cycle into the 18/19 budget cycle, the replacement of the current HVAC system. The current HVAC system is not currently not operable. The HVAC system is a critical and essential component to providing and maintaining a minimal level of environmental comfort for crews assigned to 24hr. shifts, daytime staff, and the general public. The project completion is dependent upon the completion of repairs to the roof currently in progress.	Fire Authority	Valley Fire	91521400.80220	18060	N/A	Dan Grebil	dgrebil@cityofukiah.com	1500 South State Street	Facilities/Buildings/Land	In Progress	2018	2019	Fiduciary	Yes	Current Revenues	\$ 60,000						\$ 60,000	Re-budgeted.	Budget Adopted

FIVE YEAR CAPITAL IMPROVEMENT PLAN
July 1, 2018

South Station Roof Replacement	It is recommended to continue from the 17/18 budget cycle into the 18/19 budget cycle, the roof repair of the South Station. Due to excessive water damage in the past and the replacing the current HVAC system located on the roof, it is in need of major repairs. Structural repairs around the HVAC system platform along with minor repair throughout the roof. The composite roof also needs to be replaced replacement. Monies for the project were budget in the 17/18 budget cycle. The project is currently in process with an engineering report. It is recommend to continue with the funds being budget for the 18/19 budget cycle.	Fire Authority	Valley Fire	91521400.80220	18061	N/A	Dan Grebil	dgrebil@cityofukiah.com	1500 South State Street	Facilities/Buildings/Land	In Progress	2018	2019	Fiduciary	Yes	Current Revenues	\$	50,000	\$	50,000	Re-budgeted.	Budget Adopted												
SUB-TOTAL:																		\$	-	\$	110,000	\$	-	\$	-	\$	-	\$	-	\$	110,000			
PUBLIC WORKS DEPARTMENT																																		
Project Name	Project Description	Department	Division	Org/Object	Project Number	Allocation to Multi-funds	Project Contact Name (s)	Project Contact Email (s)	Project Location	Improvement Type	Project Status	Project Start	Project End	Funding Source	Funding Identified	Funding Type	Costs to date	Estimated Costs per Fiscal Year					Totals	Comments	City Council Status									
HVAC Upgrade - Garage	The garage's heating and air is inefficient, old, and needs to be upgraded. An upgrade will provide economical benefits in energy savings.	Public Works	Corporation Yard	20824300.80220	18018	N/A	David Kirch	dkirch@cityofukiah.com	1320 Airport Road	Facilities/Buildings/Land	New	2019	2020	Internal Service	No	Current Revenues			\$	40,000				\$	40,000		Not Reviewed							
SUB-TOTAL:																		\$	-	\$	-	\$	40,000	\$	-	\$	-	\$	-	\$	-	\$	40,000	
TOTALS FOR FACILITIES/BUILDINGS/LAND :																		\$	71,000	\$	2,883,000	\$	2,570,000	\$	810,000	\$	380,000	\$	1,560,000	\$	8,274,000			

FIVE YEAR CAPITAL IMPROVEMENT PLAN
July 1, 2018

INFORMATION TECHNOLOGY																									
FINANCE DEPARTMENT																									
Project Name	Project Description	Department	Division	Org/Object	Project Number	Allocation to Multi-funds	Project Contact Name (s)	Project Contact Email (s)	Project Location	Improvement Type	Project Status	Project		Funding Source	Funding Identified	Funding Type	Costs to date	Estimated Costs per Fiscal Year					Totals	Comments	City Council Status
												Start	End					18/19	19/20	20/21	21/22	22/23			
Utility Billing CIS Replacement	The current utility billing software is becoming obsolete. Replacement is necessary. The IBM server is at end of life. Purchase of a new server will also include a new Operating System and require us to make sure our old applications will function. Our vendor will primarily test our environment under the new OS. If all functions, the new server will be purchased and our full backup with data will be transferred to it. Utility Billing is currently reliant on this server for Customer Service use. In addition archive access to past City of Ukiah data is constantly needed for past history. IBM software and hardware maintenance will be included in the IT Software Budget (54320) for FY 18/19 for the following amounts: 3 year x 24/7, Software Maintenance = \$3966.25, Extended Maintenance = \$2,515.30, for a Total=\$6,481.55	Finance	Utility Billing	20513300.54320	18062	N/A	Lori Martin	lmartin@cityofukiah.com	300 Seminary Avenue	Information Technology	In Progress	2018	2020	Internal Service	Yes	Reserves		\$ 400,000					\$ 400,000		Not Reviewed
IBM/AS400 Replacement		Finance	IT	20913900.80100	17042	N/A	Scott Shaver	sshaver@cityofukiah.com	300 Seminary Avenue	Information Technology	New	2018	2019	Internal Service	Yes	Current Revenues	\$ 29,617						\$ 29,617		Not Reviewed
Core - 4 Cisco 3750 Switches & 2 Cisco N5548 Switches - End of Life - Replacements	These switches are the center core of our network infrastructure. They serve as data conduits for all City of Ukiah operations. They are nearing end-of-life, as warranty and support runs out during this time-frame.	Finance	IT	20913900.80100	17044	N/A	Scott Shaver	sshaver@cityofukiah.com	300 Seminary Avenue	Information Technology	New	2019	2020	Internal Service	No	Current Revenues		\$ 155,550					\$ 155,550		Not Reviewed
Checkpoint Firewall Replacement - With Cisco ASA Checkpoint Firewall Replacement	The City of Ukiah utilizes a Checkpoint perimeter firewall to protect our network from outside threats that can originate from the internet. Equipment and services provided in the agreement include: Detects and controls application usage • Identifies, allows, blocks or limits usage of applications, and features within them which enables safe Internet use while protecting against threats and malware • Leverages the world's largest application library with more than 6,600 web 2.0 applications Supports advanced identity awareness for stress-free policy enforcement • Creates granular policy definitions per user and group • Integrates seamlessly with Active Directory and protects our environments containing social media and internet applications • Provides the benefits of application control and intrusion protection (IPS), as well as extensibility support for additional security capabilities. This system will be at end of life in 2021 and up for replacement. We will replace this with a Cisco ASA Firewall.	Finance	IT	20913900.80100	17045	N/A	Scott Shaver	sshaver@cityofukiah.com	300 Seminary Avenue	Information Technology	New	2020	2021	Internal Service	No	Current Revenues			\$ 120,000				\$ 120,000		Not Reviewed
Redundant Internet Gateway (Fail-over Load Balancer)	Our current AT&T Internet gateway provides service to all of the City of Ukiah departments for Internet access, as well as Public Safety access to law enforcement websites and other important services. If service fails, we do not have a failover scenario in place. A failover scenario would involve an additional Internet Gateway with a different Internet service provider (ISP). If one ISP fails, the gateway would failover to the alternate one available. This would ensure service availability, virtually 100% of the time.	Finance	IT	20913900.80100	17046	N/A	Scott Shaver	sshaver@cityofukiah.com	300 Seminary Avenue	Information Technology	New	2020	2022	Internal Service	No	Current Revenues			\$ 166,800	\$ 48,400			\$ 215,200		Not Reviewed
Dell Compellent Storage - 5 year cyclic end of life replacement	The Dell Compellent Storage serves as our main live data storage for the City of Ukiah. It is used in conjunction with our four Virtual Machine Hosts, which control and offer resources to all of our virtual servers. This basically contains the majority of our production servers upon which all City of Ukiah data services reside. In addition, our VMM (Virtual Machine Manager) server operates as stated. It manages all of the virtual servers within the infrastructure. Dell-4 VM Hosts & Virtual Machine Manager Server - 5 year cyclic - end of life - replacement (Refinance)) \$290,000 at approximately \$59,000/year x 5 years.	Finance	IT	20913900.80100	17047	N/A	Scott Shaver	sshaver@cityofukiah.com	300 Seminary Avenue	Information Technology	On-going	2021	2022	Internal Service	No	Current Revenues				\$ 59,000	\$ 59,000		\$ 118,000		Not Reviewed
SUB-TOTAL:																	\$ -	\$ 429,617	\$ 155,550	\$ 286,800	\$ 107,400	\$ 59,000	\$ 1,038,367		
WATER RESOURCES DEPARTMENT																									
Project Name	Project Description	Department	Division	Org/Object	Project Number	Allocation to Multi-funds	Project Contact Name (s)	Project Contact Email (s)	Project Location	Improvement Type	Project Status	Project		Funding Source	Funding Identified	Funding Type	Costs to date	Estimated Costs per Fiscal Year					Totals	Comments	City Council Status
												Start	End					18/19	19/20	20/21	21/22	22/23			
Water Treatment Plant Network Security	One Cisco ASA firewall at each location, with an additional Cisco ASA firewall at the Civic Center ->connecting to our Checkpoint firewall. This will provide the necessary security needed between our Civic Center, WWTP and WTP utilities. Our Water and Wastewater utilities utilize SCADA networks that serve as control centers for PLC (programmable logic controllers) which in turn control associated pumps, motors etc. These operations are connecting to the City of Ukiah network, to provide remote vendor support and will also provide necessary data shares for reporting purposes. This will protect our water utilities from the ever increasing network security breaches that are a continual threat.	Water Resources	Water Treatment Plant	82027111.80100	17039	N/A	Scott Shaver	sshaver@cityofukiah.com	925 City Well Road	Information Technology	New	2018	2019	Enterprise	Yes	Current Revenues	\$ 27,798						\$ 27,798		Not Reviewed
Wastewater Treatment Plant Network Security	One Cisco ASA firewall at each location, with an additional Cisco ASA firewall at the Civic Center ->connecting to our Checkpoint firewall. This will provide the necessary security needed between our Civic Center, WWTP and WTP utilities. Our Water and Wastewater utilities utilize SCADA networks that serve as control centers for PLC (programmable logic controllers) which in turn control associated pumps, motors etc. These operations are connecting to the City of Ukiah network, to provide remote vendor support and will also provide necessary data shares for reporting purposes. This will protect our water utilities from the ever increasing network security breaches that are a continual threat.	Water Resources	Wastewater Treatment Plant	84027225.80100	17039	N/A	Scott Shaver	sshaver@cityofukiah.com	300 Plant Road	Information Technology	New	2018	2019	Enterprise	Yes	Current Revenues	\$ 27,798						\$ 27,798		Not Reviewed
SUB-TOTAL:																	\$ -	\$ 55,596	\$ -	\$ -	\$ -	\$ -	\$ 55,596		
TOTALS FOR INFORMATION TECHNOLOGY :																	\$ -	\$ 485,213	\$ 311,100	\$ 573,600	\$ 214,800	\$ 118,000	\$ 1,093,963		
INFRASTRUCTURE																									
AIRPORT																									
Project Name	Project Description	Department	Division	Org/Object	Project Number	Allocation to Multi-funds	Project Contact Name (s)	Project Contact Email (s)	Project Location	Improvement Type	Project Status	Project		Funding Source	Funding Identified	Funding Type	Costs to date	Estimated Costs per Fiscal Year					Totals	Comments	City Council Status
												Start	End					18/19	19/20	20/21	21/22	22/23			
Runway 15-33 Pavement Reduction (Construction Phase 1)	Runway is currently 4,415 feet long and 150 feet wide. This project will provide construction to reduce the runway width to 75 feet by installing LED Medium Intensity Runway Lights to meet new runway width, adjust existing pavement markings to meet new pavement width with an application of slurry seal in areas that markings are removed, and then apply new pavement markings to meet new pavement width. Some crack fill and sealing will be required in areas where trenching is performed to prevent FOD. Pavement is 31 years old.	Airport	Airport	77800000.80230	13044	N/A	Greg Owen	gowen@cityofukiah.com	1411 South State Street	Infrastructure	In Progress	2018	2019	Enterprise	Yes	Current Revenues	\$ 1,260,000						\$ 1,260,000	FAA Grant Funding.	Reviewed and Supported
Runway 15-33 Pavement Reduction (Construction Phase 2)	Runway 15-33 is currently 4,451 feet long and 150 feet wide. The project will be for the construction of the 75-foot reduced width runway pavement. New pavement marking will be applied. Pavement is 31 years old.	Airport	Airport	77800000.80230	18032	N/A	Greg Owen	gowen@cityofukiah.com	1411 South State Street	Infrastructure	New	2019	2020	Enterprise	Yes	New Revenues		\$ 1,900,000					\$ 1,900,000	FAA Grant Funding.	Reviewed and Supported
Taxiways B&D Demolition; Construction of New Taxiways A2 and A4, and Runway 33 Blast Pad (Construction Phase 3)	This project will be for the demolition of existing Taxiways B & D and construction of new connector taxiways A2 (250'x45') and A4 (250'x45'), and construction of new blast pad at Runway 33 end, to meet FAA standards. Taxiway B does not connect at Runway 15 threshold and Taxiway D alignment does not meet standards.	Airport	Airport	77800000.80230	18033	N/A	Greg Owen	gowen@cityofukiah.com	1411 South State Street	Infrastructure	New	2020	2021	Enterprise	Yes	New Revenues			\$ 430,000				\$ 430,000	FAA Grant Funding.	Reviewed and Supported
Pavement Rehabilitation of Taxiways A, A3 and A5 - Construction	This project will cover construction to rehabilitate pavements of Taxiways A (4,540'x55'), A3 (250'x45') and A5 (250'x45').	Airport	Airport	77800000.80230	18035	N/A	Greg Owen	gowen@cityofukiah.com	1411 South State Street	Infrastructure	New	2022	2023	Enterprise	Yes	New Revenues					\$ 500,000		\$ 500,000	FAA Grant Funding.	Reviewed and Supported
Pavement Rehabilitation of Taxiways A, A3 and A5 - Design	This project is for the design of Taxiways A (4,540'x55'), A3 (250'x45'), and A5 (250'x45') pavement rehabilitation assumed to be a crack fill, seal and slurry.	Airport	Airport	77900000.80230	18034	N/A	Greg Owen	gowen@cityofukiah.com	1411 South State Street	Infrastructure	New	2021	2022	Enterprise	Yes	New Revenues				\$ 60,000			\$ 60,000	FAA Grant Funding.	Reviewed and Supported
SUB-TOTAL:																	\$ -	\$ 1,260,000	\$ 1,900,000	\$ 430,000	\$ 60,000	\$ 500,000	\$ 4,150,000		
ELECTRIC UTILITY DEPARTMENT																									
Project Name	Project Description	Department	Division	Org/Object	Project Number	Allocation to Multi-funds	Project Contact Name (s)	Project Contact Email (s)	Project Location	Improvement Type	Project Status	Project		Funding Source	Funding Identified	Funding Type	Costs to date	Estimated Costs per Fiscal Year					Totals	Comments	City Council Status
												Start	End					18/19	19/20	20/21	21/22	22/23			
Replace Station Light & Power generator controls (Hydro)	Control upgrades to provide expanded abilities: 1. Remote control and monitoring from the Fish Hatchery and 2. Emergency station light and power backup to the hydro plant.	Electric Utility Department	Technical Services	80126100.80230	18037	N/A	James O'Brien	jobrien@cityofukiah.com	1229 Lake Mendocino Drive	Infrastructure	New	2020	2021	Enterprise	Yes	Current Revenues			\$ 10,000	\$ 30,000			\$ 40,000		Not Reviewed
Cherry Street Circuit Capacity Increase	Re-Conductor Cherry Street from Rail Line to Dora Street. Extends new circuit capacity to the south-west area of Ukiah improving system capacity and the ability to restore outages in the shortest amount of time necessary.	Electric Utility Department	Overhead	80126100.80230	18039	N/A	Cindy Sauers	csauers@cityofukiah.com	Cherry Street	Infrastructure	New	2018	2019	Enterprise	Yes	Current Revenues	\$ 2,500	\$ 80,000					\$ 82,500		Not Reviewed
Community Power Management Projects	Power pedestal replacement program goals includes reducing energy loss, improve lighting/access control, safety and availability of power in public places.	Electric Utility Department	Administration	80126100.80230	18040	N/A	Cindy Sauers	csauers@cityofukiah.com	Ukiah Electric System	Infrastructure	On-going	2018	2022	Enterprise	Yes	Current Revenues	\$ 30,000	\$ 100,000	\$ 60,000	\$ 60,000	\$ 60,000		\$ 310,000		Reviewed and Supported
Fairgrounds 4160 to 12,000 volt Conversion	Replaces existing low voltage (4160V) system with 12,000 Volt primary rated cable and transformers and secondary conductor. Fairgrounds to provide USERC specified metering and underground duct. Removes existing low voltage (4160V) system.	Electric Utility Department	Underground	80126100.80230	18041	N/A	Cindy Sauers	csauers@cityofukiah.com	Ukiah Electric System	Infrastructure	In Progress		2021	Enterprise	Yes	Current Revenues	\$ 25,000	\$ 150,000	\$ 150,000	\$ 75,000			\$ 400,000		Not Reviewed
Substation and Hydroelectric Plant Control System Replacement	Replace the Mendocino Hydro control system hardware, program and coding for hydro specific automation control. The existing systems are outdated with limited after-market support and no new replacement part availability.	Electric Utility Department	Technical Services	80126100.80230	18042	N/A	James O'Brien	jobrien@cityofukiah.com	1229 Lake Mendocino Drive	Infrastructure	In Progress	2017	2020	Enterprise	Yes	Current Revenues	\$ 7,000	\$ 200,000	\$ 175,000				\$ 382,000		Not Reviewed
Underground Capital System Improvements (<\$50,000 each)	Transformer replacement and upgrades, wood pole testing and replacement, system capacity improvements and protection, control, monitoring and communication enhancements.	Electric Utility Department	Distribution	80126100.80230	18043	N/A	Cindy Sauers	csauers@cityofukiah.com	Ukiah Electric System	Infrastructure	On-going			Enterprise	Yes	Current Revenues	\$ 200,000	\$ 225,000	\$ 225,000	\$ 200,000	\$ 200,000	\$ 200,000	\$ 1,250,000		Reviewed and Supported

FIVE YEAR CAPITAL IMPROVEMENT PLAN
July 1, 2018

Overhead Capital System Improvements (<\$50,000 each)	Transformer replacement and upgrades, system capacity improvements and protection, control, monitoring and Communication enhancements.	Electric Utility Department	Underground	80126100.80230	18044	N/A	Cindy Sauers	csauers@cityofukiah.com	Ukiah Electric System	Infrastructure	On-going				Enterprise	Yes	Current Revenues	\$ 225,000	\$ 225,000	\$ 200,000	\$ 200,000	\$ 200,000		\$ 1,050,000		Reviewed and Supported
Undergrounding Phase 3: Overhead to Underground	Relocates or undergrounds overhead electric, phone and cable TV utilities along Gobbi and State Streets.	Electric Utility Department	Distribution	80126100.80230	18045	N/A	Cindy Sauers	csauers@cityofukiah.com	Gobbi Street (Orchard to State)	Infrastructure	In Progress	2018	2020		Enterprise	Yes	Current Revenues	\$ 60,000	\$ 600,000	\$ 125,000				\$ 785,000		Reviewed and Supported
Governor speed control & Valve Upgrades (Hydro)	Upgrades to the governor sensing, controller and feedback transducers to improve performance and reliability. Existing governor controls frequently are out of service due to failure or adjustment.	Electric Utility Department	Technical Services	80126100.80230	18047	N/A	James O'Brien	jobrien@cityofukiah.com	1229 Lake Mendocino Drive	Infrastructure	New	2020	2022		Enterprise	Yes	Current Revenues				\$ 200,000	\$ 180,000		\$ 380,000		Not Reviewed
Undergrounding Phase 4: Overhead to Underground	Relocates or undergrounds overhead electric, phone and cable TV utilities along Gobbi and State Streets.	Electric Utility Department	Distribution	80126100.80230	18048	N/A	Cindy Sauers	csauers@cityofukiah.com	South State Street	Infrastructure	New	2021	2023		Enterprise	Yes	Current Revenues				\$ 30,000	\$ 600,000	\$ 125,000	\$ 755,000		Not Reviewed
SUB-TOTAL:																	\$ 549,500	\$ 1,580,000	\$ 945,000	\$ 795,000	\$ 1,240,000	\$ 325,000	\$ 5,434,500			
PUBLIC WORKS DEPARTMENT																										
Project Name	Project Description	Department	Division	Org/Object	Project Number	Allocation to Multi-funds	Project Contact Name (s)	Project Contact Email (s)	Project Location	Improvement Type	Project Status	Project		Funding Source	Funding Identified	Funding Type	Costs to date	Estimated Costs per Fiscal Year					Totals	Comments	City Council Status	
												Start	End					18/19	19/20	20/21	21/22	22/23				
NWP Rail Trail Phase 2	NWP Rail Trail Phase 2 Construction.	Public Works	Engineering	51124210.80230	17034	N/A	Ben Kageyama	bkageyama@cityofukiah.com	300 Seminary Avenue	Infrastructure	In Progress	2019	2020	Special Revenue	Yes	Current Revenues			\$ 1,484,000				\$ 1,484,000		Reviewed and Supported	
NWP Rail Trail Phase 3	NWP Rail Trail Phase 3, Non-Construction (Design, Engineering, Permitting, Landscape Design)	Public Works	Engineering	51124210.80230	17034	N/A	Ben Kageyama	bkageyama@cityofukiah.com	300 Seminary Avenue	Infrastructure	In Progress	2018	2019	Special Revenue	Yes	Current Revenues	\$ 442,000						\$ 442,000		Reviewed and Supported	
Landfill Closure	This project will permanently close the Landfill Disposal site per Federal Mandates.	Public Works	Landfill	70224500.80230	18025	N/A	Tim Eriksen	terriksen@cityofukiah.com	3100 Vichy Springs Road	Infrastructure	In Progress	2018	2020	Enterprise	Yes	Current Revenues		\$ 10,383,000					\$ 10,383,000	Project specifics will require additional Council review.	Reviewed and Supported	
SUB-TOTAL:																	\$ -	\$ 442,000	\$ 11,867,000	\$ -	\$ -	\$ -	\$ -	\$ 12,309,000		

FIVE YEAR CAPITAL IMPROVEMENT PLAN
July 1, 2018

WATER RESOURCES DEPARTMENT																									
Project Name	Project Description	Department	Division	Org/Object	Project Number	Allocation to Multi-funds	Project Contact Name (s)	Project Contact Email (s)	Project Location	Improvement Type	Project Status	Project		Funding Source	Funding Identified	Funding Type	Costs to date	Estimated Costs per Fiscal Year					Totals	Comments	City Council Status
												Start	End					18/19	19/20	20/21	21/22	22/23			
Replacement of Pressure Zone 2 South Reservoir	The new reservoir is needed due to the deteriorating condition of the existing one. This provides value to the Water customers as it provides storage for treated, potable water.	Water Resources	Water Treatment Plant	82227113.80230	15071	N/A	Jarod Thiele	jthiele@cityofukiah.com		Infrastructure	In Progress	2018	2020	Enterprise	Yes	Current Revenues	\$ 43,586	\$ 150,000					\$ 193,586	Reviewed and Supported	
Henderson Lane Water Main Replacement	Project is needed in order to upgrade a failing water main. This is needed in order to provide potable water to the Water customers.	Water Resources	Water Treatment Plant	82227113.80230	18051	N/A	Jarod Thiele	jthiele@cityofukiah.com	Henderson Lane	Infrastructure	In Progress	2018	2020	Enterprise	Yes	Current Revenues		\$ 150,000					\$ 150,000	Not Reviewed	
Phase 4 Recycled Water	This project will provide an additional irrigation source for City Parks, Golf Course, Cemetery and Schools. This will reduce the demand on the potable water system and reduce discharge to the Russian River	Water Resources	Recycled Water	83027330.80230	18052	N/A	Sean White	swhite@cityofukiah.com	Brush Street to Golf Course	Infrastructure	New	2019	2022	Enterprise	Yes	New Financing			\$ 25,875,000				\$ 25,875,000	Seeking grant funding.	
Recycled Water Project Phases 1-3	This project will provide irrigation and frost protection water for vineyards and orchards along the Russian River. This will assist in reducing discharge to the Russian River	Water Resources	Recycled Water	83027330.80230	15062	N/A	Sean White	swhite@cityofukiah.com	300 Plant Road	Infrastructure	In Progress	2018	2019	Enterprise	Yes	New Financing	\$ 4,800,000	\$ 21,000,000					\$ 25,800,000	17/18 Budgeted and Encumbered - will be fully expensed in the 2018/2019 fiscal year.	
AWT Actuators/Valves	These actuators and valves need to be replaced due to their age at the Wastewater Treatment Plant.	Water Resources	Wastewater Treatment Plant	84027225.80100	18053	N/A	David Kirch	dkirch@cityofukiah.com	300 Plant Road	Infrastructure	New	2018	2019	Enterprise	Yes	Current Revenues		\$ 40,000					\$ 40,000	Not Reviewed	
Chlorine Residual Valve/Alarm on Discharge	Engineering and installation. Critical safety valve to monitor the outflow of chlorinated water into the river.	Water Resources	Wastewater Treatment Plant	84027225.80100	18054	N/A	David Kirch	dkirch@cityofukiah.com	300 Plant Road	Infrastructure	New	2018	2019	Enterprise	Yes	Current Revenues	\$ 150,000						\$ 150,000	Not Reviewed	
Telemetry	Add telemetry to automatically control discharge ratio.	Water Resources	Wastewater Treatment Plant	84027225.80100	18055	N/A	David Kirch	dkirch@cityofukiah.com	300 Plant Road	Infrastructure	New	2018	2019	Enterprise	Yes	Current Revenues	\$ 30,000						\$ 30,000	Not Reviewed	
SUB-TOTAL:																	\$ 4,843,586	\$ 21,520,000	\$ 25,875,000	\$ -	\$ -	\$ -	\$ 52,238,586		
TOTALS FOR INFRASTRUCTURE :																	\$ 5,393,086	\$ 24,802,000	\$ 40,587,000	\$ 1,225,000	\$ 1,300,000	\$ 825,000	\$ 74,132,086		

FIVE YEAR CAPITAL IMPROVEMENT PLAN
July 1, 2018

STREETS & RIGHTS-OF-WAY

PUBLIC WORKS DEPARTMENT

Project Name	Project Description	Department	Division	Org/Object	Project Number	Allocation to Multi-funds	Project Contact Name (s)	Project Contact Email (s)	Project Location	Improvement Type	Project Status	Project		Funding Source	Funding Identified	Funding Type	Costs to date	Estimated Costs per Fiscal Year					Totals	Comments	City Council Status
												Start	End					18/19	19/20	20/21	21/22	22/23			
Talmage Interchange/Redwood Business Park Improvements Project	This project will provide better traffic flow in the Airport Park Boulevard Area of Ukiah.	Public Works	Streets	10024620.80230	13001	N/A	Rick Seantor	rseantor@cityofukiah.com	Talmage Road and Airport Park Boulevard	Streets & Rights-of-Way	In Progress	2017	2018	General	Yes	Current Revenues	\$ 3,700,000	\$ 3,633,000					\$ 7,333,000	Financing established.	Budget Adopted
2018 Street Rehabilitation Project	This project generally consists of edge grinding and applying 2" AC overlay over existing asphalt concrete pavement as well as curb ramp construction, at various locations.	Public Works	Engineering	10024620.80230	18006	N/A	Rick Seantor	rseantor@cityofukiah.com	Various Streets	Streets & Rights-of-Way	In Progress	2017	2018	General	Yes	Current Revenues	\$ 1,127,580					\$ 1,127,580	This is currently being bid, and is anticipated to be awarded and encumbered in 2017/2018 budget, and rolled and paid for in the 2018/2019 budget.	Budget Adopted	
2019 Measure Y Arterial Street Improvement Project	This project will improve the Streets network.	Public Works	Engineering	12024200.80230	18015	N/A	Rick Seantor	rseantor@cityofukiah.com	Various Streets	Streets & Rights-of-Way	New	2018	2020	Special Revenue	Yes	Current Revenues	\$ 3,197,694					\$ 3,197,694	Needs Council direction.	Not Reviewed	
2020 Measure Y Local Street Project	This project will improve the Streets network.	Public Works	Engineering	12024200.80230	18016	N/A	Rick Seantor	rseantor@cityofukiah.com	Various Streets	Streets & Rights-of-Way	New	2018	2020	Special Revenue	Yes	Current Revenues		\$ 3,000,000				\$ 3,000,000	Needs Council direction.	Not Reviewed	
Smith Street Reconstruction	This project will improve the Streets network.	Public Works	Engineering	25124210.80230	15030	N/A	Rick Seantor	rseantor@cityofukiah.com	Smith Street between Main Street and Mason Street	Streets & Rights-of-Way	In Progress	2017	2019	Capital Projects	Yes	Reserves	\$ 250,000					\$ 250,000		Reviewed and Supported	
Downtown Streetscape	This project will improve the Streets network and provide a more pedestrian friendly downtown corridor.	Public Works	Engineering	25124220.80230	18019	N/A	Rick Seantor	rseantor@cityofukiah.com	State Street from Henry Street to Mill Street	Streets & Rights-of-Way	In Progress	2019	2021	Capital Projects	Yes	Reserves		\$ 6,000,000				\$ 6,000,000	Combination of General Fund and Grants. Needs Council direction.	Reviewed and Supported	
Orr Street Bridge	This project will improve the bridge on Orr Street at Orr Creek.	Public Works	Engineering	25124220.80230	18065	N/A	Tim Eriksen	teriksen@cityofukiah.com	Orr Street at Orr Creek	Streets & Rights-of-Way	In Progress	2019	2020	Capital Projects	Yes	Reserves		\$ 254,438				\$ 254,438	Direction by Council was to develop the option for a pedestrian bike bridge with access for service and emergency vehicles only; look into options and cost for getting a turn-around on the south side; bring back cost scenarios for decking; and work with Wagenseller group with design options and budget.	Reviewed and Supported	
Low Gap Road and North Bush Street Roundabout	This project will complete the environmental, ROW, and design phases for a roundabout at Low Gap Road and N. Bush St. Construction phase not currently funded.	Public Works	Engineering	50700000.80230	18064	N/A	Tim Eriksen	teriksen@cityofukiah.com	Low Gap Road and N. Bush St.	Streets & Rights-of-Way	In Progress	2019	2021	Special Revenue	Yes	Current Revenues		\$ 5,000	\$ 110,000			\$ 115,000	Design authorized, but project requires additional Council review.	Reviewed and Supported	
2018 Slurry Seal Project	This project will improve the Streets network.	Public Works	Engineering	51024220.80230	18007	N/A	Jarod Thiele	jthiele@cityofukiah.com	Various Streets	Streets & Rights-of-Way	In Progress	2017	2019	Special Revenue	Yes	Current Revenues	\$ 200,000					\$ 200,000		Not Reviewed	
Gobbi/Waugh Traffic Signal	This project will alleviate traffic for better vehicle flow.	Public Works	Traffic Signal	50700000.80230	18062	N/A	Rick Seantor	rseantor@cityofukiah.com	Gobbi Street/Waugh Lane	Streets & Rights-of-Way	New	2018	2020	Special Revenue	Yes	Current Revenues	\$ 110,000					\$ 110,000	Rebudgeted.	Budget Adopted	
SUB-TOTAL:																		\$ 3,700,000	\$ 8,518,274	\$ 9,259,438	\$ 110,000	\$ -	\$ -	\$ 21,587,712	
TOTALS FOR STREETS & RIGHTS-OF-WAY :																		\$ 3,700,000	\$ 8,518,274	\$ 9,259,438	\$ 110,000	\$ -	\$ -	\$ 21,587,712	

FIVE YEAR CAPITAL IMPROVEMENT PLAN
July 1, 2018

VEHICLES, MACHINERY & EQUIPMENT																									
AIRPORT																									
Project Name	Project Description	Department	Division	Org/Object	Project Number	Allocation to Multi-funds	Project Contact Name (s)	Project Contact Email (s)	Project Location	Improvement Type	Project Status	Project Start	Project End	Funding Source	Funding Identified	Funding Type	Costs to date	18/19	19/20	20/21	21/22	22/23	Totals	Comments	City Council Status
Replace 20,000 gallon fuel tank with 20,000 gallon Jet A tank	Current tank is a split fuel system, containing both Jet A fuel and AvGas. Conversion to Jet A is necessary to maximize the fuel sources for the airport, and provide better service to its customers.	Airport	Airport	77925200.80100	15042	N/A	Greg Owen	gowen@cityofukiah.com	1411 South State Street	Vehicles, Machinery & Equipment	In Progress	2017	2019	Enterprise	Yes	Current Revenues	\$ 150,000						\$ 150,000	Rebudgeted.	Budget Adopted
ATV Golf Cart	With over 160 acres of airport ground, staff needs to be able to get around the airport quickly. The use of this vehicle is more practical for frequent stops made during airfield inspections.	Airport	Airport	77925200.80100	E4956	N/A	Greg Owen	gowen@cityofukiah.com	1411 South State Street	Vehicles, Machinery & Equipment	New	2019		Enterprise	Yes	Current Revenues	\$ 12,000						\$ 12,000		Not Reviewed
Mower Replacement - Shared Cost	The replacement of Equipment #1230, a 1987 Massey Ferguson with a 383 sidearm, is necessary as it is not CAR8 compliant, and replacement parts are unavailable. This equipment is used to maintain the public right-of-way, Wastewater Treatment Plant, and the Ukiah Municipal Airport. It keeps City facilities appearing tidy for the public, and specifically equipped with a sidearm mower for banks, levees and other difficult to access locations. Three divisions share the cost: \$140,000 total	Airport	Airport	77925200.80100	E1231	Shared with 100 Public Works, and 840 Water Resources	David Kirch	dkirch@cityofukiah.com	1320 Airport Road	Vehicles, Machinery & Equipment	New	2018	2019	Enterprise	Yes	Current Revenues	\$ 35,000						\$ 35,000		Not Reviewed
SUB-TOTAL:																	\$ -	\$ 197,000	\$ -	\$ -	\$ -	\$ -	\$ 197,000		
COMMUNITY SERVICES DEPARTMENT																									
Project Name	Project Description	Department	Division	Org/Object	Project Number	Allocation to Multi-funds	Project Contact Name (s)	Project Contact Email (s)	Project Location	Improvement Type	Project Status	Project Start	Project End	Funding Source	Funding Identified	Funding Type	Costs to date	18/19	19/20	20/21	21/22	22/23	Totals	Comments	City Council Status
Parks Replacement Truck	Parks Department needs to replace one truck in order for staff to continue to provide daily maintenance to parks and other City owned properties.	Community Services	Parks	10022100.80100	V3263	N/A	Jarrod Meyer	jmeyer@cityofukiah.com	300 Seminary Avenue	Vehicles, Machinery & Equipment	New	2018	2018	General	Yes	Current Revenues	\$ 35,000						\$ 35,000		Not Reviewed
Replacement Truck	Replacement of vehicles that are no longer cost effective to repair.	Community Services	Parks	10022100.80100	V737	N/A	Jarrod Meyer	jmeyer@cityofukiah.com	300 Seminary Avenue	Vehicles, Machinery & Equipment	New	2019	2019	General	No	Current Revenues				\$ 70,000			\$ 70,000		Not Reviewed
Replacement Truck	Replacement of vehicles that are no longer cost effective to repair.	Community Services	Parks	10022100.80100	18066	N/A	Jarrod Meyer	jmeyer@cityofukiah.com	300 Seminary Avenue	Vehicles, Machinery & Equipment	New	2020	2020	General	No	Current Revenues			\$ 40,000				\$ 40,000		Not Reviewed
Playground Equipment Replacement - Todd Grove Park	Replacement of this equipment is necessary, due to age of the equipment, the rising cost of replacement pieces, and safety concerns. This will be a phased project, replace the most used section first, and the balance of it to complete the project.	Community Services	Parks	10022100.80100	18009	N/A	Jarrod Meyer	jmeyer@cityofukiah.com	600 Live Oak Avenue	Vehicles, Machinery & Equipment	New	2021	2022	General	No	Reserves					\$ 300,000		\$ 300,000	Department plans to transfer \$25k into reserve account starting in 2019/2020 fiscal year. Also seeking grant funding.	Not Reviewed
Playground Equipment Replacement - Oak Manor	Replacement of this equipment is necessary, due to the age and high usage of this equipment, as well as safety concerns. Staff will be seeking grant funds to assist with the cost.	Community Services	Parks	10022100.80100	18010	N/A	Jarrod Meyer	jmeyer@cityofukiah.com	500 Oak Manor Drive	Vehicles, Machinery & Equipment	New	2022		General	No	Reserves					\$ 100,000		\$ 100,000	Seeking grant funding.	Not Reviewed
Bucket Truck Replacement - Shared Cost	There are currently two bucket trucks, Vehicle #2221, a 1992 Ford F450 which is being put into surplus in fiscal year 2017/2018, and Vehicle #2230, a 1995 Ford F450, which will be kept into service until it is replaced. It is used to trim street and park trees, and also assists in hanging banners which promote City services and activities which benefit the community. Two divisions share the cost: \$100,000 total	Community Services	Parks	10022100.80100	V2224	Shared with 100 Streets	David Kirch	dkirch@cityofukiah.com	1320 Airport Road	Vehicles, Machinery & Equipment	New	2019	2020	General	No	Current Revenues		\$ 50,000					\$ 50,000		Not Reviewed
SUB-TOTAL:																	\$ -	\$ 35,000	\$ 50,000	\$ 110,000	\$ -	\$ 400,000	\$ 595,000		
ELECTRIC UTILITY DEPARTMENT																									
Project Name	Project Description	Department	Division	Org/Object	Project Number	Allocation to Multi-funds	Project Contact Name (s)	Project Contact Email (s)	Project Location	Improvement Type	Project Status	Project Start	Project End	Funding Source	Funding Identified	Funding Type	Costs to date	18/19	19/20	20/21	21/22	22/23	Totals	Comments	City Council Status
Micron Oil Filter Cart	The proposed cart will be used to maintain, filter and transfer oils used in the plant's turbines and generators for lubrication and for oil used in hydraulic systems to operate large valves and gates. The new cart will provide staff will a significantly improved oil handling and filtering system resulting in longer equipment life with improved efficiency.	Electric Utility Department	Technical Services	80026220.80100	18036	N/A	Cindy Sauers	csauers@cityofukiah.com	Ukiah Electric System	Vehicles, Machinery & Equipment	New	2018	2019	Enterprise	Yes	Current Revenues	\$ 25,000						\$ 25,000		Not Reviewed
Electric Meter Replacements	Electric Meter Replacement and cloud based data management system improving customer access to outage information, usage data and provide customer selectable notifications.	Electric Utility Department	Technical Services	80126100.80100	15080	N/A	Cindy Sauers	csauers@cityofukiah.com	Ukiah Electric System	Vehicles, Machinery & Equipment	In Progress	2018	2022	Enterprise	Yes	Current Revenues	\$ 5,000	\$ 10,000	\$ 10,000	\$ 500,000	\$ 2,000,000		\$ 2,525,000	Currently in the planning stage.	Reviewed and Supported
Clean Air Vehicle	Pending on new technology developments, purchase a clean air, electric or hydrogen fueled vehicle for local in town customer and construction site visits. Vehicle may be the beginning of the City's clean air mobile fleet that includes electric car charger incentives and loan programs.	Electric Utility Department	Distribution	80126100.80100	V4544	N/A	Tim Santo	tsanto@cityofukiah.com	1320 Airport Road	Vehicles, Machinery & Equipment	New	2019	2019	Enterprise	Yes	Current Revenues	\$ 60,000						\$ 60,000		Not Reviewed
Truck - Supervisor	Replaces a Ford F-150 pickup truck with a projected 120,000 miles at time of replacement.	Electric Utility Department	Distribution	80126100.80100	V3764	N/A	Tim Santo	tsanto@cityofukiah.com	N/A	Vehicles, Machinery & Equipment	New	2020	2020	Enterprise	Yes	Current Revenues		\$ 55,000					\$ 55,000		Not Reviewed
Lift	Replaces a high capacity fork lift due to 1. Air quality standards to update/improve engine emissions and 2. Due to the equipment's condition and age.	Electric Utility Department	Distribution	80126100.80100	E1718	N/A	Tim Santo	tsanto@cityofukiah.com	N/A	Vehicles, Machinery & Equipment	New	2021	2021	Enterprise	Yes	Current Revenues			\$ 70,000				\$ 70,000		Not Reviewed
SUB-TOTAL:																	\$ 5,000	\$ 95,000	\$ 65,000	\$ 570,000	\$ 2,000,000	\$ -	\$ 2,735,000		
FIRE AUTHORITY																									
Project Name	Project Description	Department	Division	Org/Object	Project Number	Allocation to Multi-funds	Project Contact Name (s)	Project Contact Email (s)	Project Location	Improvement Type	Project Status	Project Start	Project End	Funding Source	Funding Identified	Funding Type	Costs to date	18/19	19/20	20/21	21/22	22/23	Totals	Comments	City Council Status
Type VI Wildland Fire Engine	This Engine is to replace U-6547, which is a 1999 Ford F-350 with a 120 gpm pump and 250 gallon water tank. The replacement is per NFPA guidelines of 10 years as a frontline, and 10 years as a reserve. The U-6547 will be repurposed as a utility vehicle. The new Wildland Type VI Engine will be equipped with a pump and water tank, and will have compartment space to allow additional medical and rescue gear to be stored. This will allow the vehicle to respond to any type of emergency incident, and will serve as a first out for volunteer and personnel call back response. It will also back-up vehicles E-6465 and E6463 when they are called on an out-of-county assignment, assisting other communities in need.	Fire Authority	City Fire	10021210.74500	V2671	N/A	Dan Grebil	dgrebil@cityofukiah.com	1500 South State Street	Vehicles, Machinery & Equipment	New	2018	2028	General	Yes	New Financing	\$ 29,200	\$ 29,200	\$ 29,200	\$ 29,200	\$ 29,200		\$ 146,000	Lease purchase. Budgeted payments at 3.75%, 10 years paid semi-annually. Total cost is \$240,000 plus interest. Other org and object is 10021210.74501	Not Reviewed

FIVE YEAR CAPITAL IMPROVEMENT PLAN
July 1, 2018

Command/Chief Vehicle	This new Command/Chief Vehicle will serve as the Fire Chief's vehicle. It will replace U-6545, a 2004 Chevy 2500 HD, with current mileage of 88,744. This vehicle has been in a collision suffering major damage to the front end, which was repaired and vehicle has since been put back into service. U-6545 has been removed from service and the fleet.	Fire Authority	City Fire	10021210.80100	V3164	N/A	Dan Grebil	dgrebil@cityofukiah.com	1500 South State Street	Vehicles, Machinery & Equipment	New	2018	2019	General	Yes	Current Revenues		\$	50,000					\$	50,000		Not Reviewed						
Command/Chief Vehicle	This new Command/Chief vehicle would service as a Division Chiefs vehicle. It will replace D-6505, a 2006 Chevy 2500 HD, with current mileage of 78,000. The D-6505 may be repurposed as a utility vehicle.	Fire Authority	City Fire	10021210.80100	V3165	N/A	Dan Grebil	dgrebil@cityofukiah.com	1500 South State Street	Vehicles, Machinery & Equipment	New	2019	2020	General	No	New Revenues			\$	50,000					\$	50,000		Not Reviewed					
Command/Chief Vehicle	This new Command/Chief vehicle will serve as a Division Chief vehicle. It may be repurposed to replace the D-6504, a 2007 Chevy 2500 HD with 67,370 miles.	Fire Authority	City Fire	10021210.80100	V3166	N/A	Dan Grebil	dgrebil@cityofukiah.com	1500 South State Street	Vehicles, Machinery & Equipment	New	2020	2021	General	No	New Revenues				\$	50,000				\$	50,000		Not Reviewed					
Type I Reserve Fire Engine	This Engine is to replace E-6483, which is a 1995 Freightliner/3D with a pump capacity of 15000 gpm, with a 750 gallon water tank, and current mileage of 95,944. The purchase of a reserve type engine will serve to maintain our current ISO rating. It will be utilized and housed at the Central Station, with the primary assignment of volunteer response.	Fire Authority	Valley Fire	91721400.80100	18058	N/A	Dan Grebil	dgrebil@cityofukiah.com	1500 South State Street	Vehicles, Machinery & Equipment	New	2018	2019	Special Revenue	Yes	Current Revenues		\$	250,000						\$	250,000	Will be shopping for a used engine. Measure B funded.	Not Reviewed					
Command/Chief Vehicle	The purchase of this new Command/Chief vehicle will serve as Division Chief vehicle, replacing C-6403, which is a 2006 Ford Expedition, with 108,352 miles.	Fire Authority	Valley Fire	91721400.80100	18059	N/A	Dan Grebil	dgrebil@cityofukiah.com	1500 South State Street	Vehicles, Machinery & Equipment	New	2019	2020	Special Revenue	Yes	Current Revenues			\$	50,000					\$	50,000	Measure B funded.	Not Reviewed					
SUB-TOTAL:																	\$	-	\$	329,200	\$	129,200	\$	79,200	\$	29,200	\$	29,200	\$	596,000			
POLICE DEPARTMENT																																	
Project Name	Project Description	Department	Division	Org/Object	Project Number	Allocation to Multi-funds	Project Contact Name (s)	Project Contact Email (s)	Project Location	Improvement Type	Project Status	Project Start	Project End	Funding Source	Funding Identified	Funding Type	Costs to date	Estimated Costs per Fiscal Year					Totals	Comments	City Council Status								
																		18/19	19/20	20/21	21/22	22/23											
Replace Damaged Patrol Car	Replace patrol car that was damaged beyond repair as a result of a police pursuit. REMIF had determined that the damage was too costly to repair and declared the vehicle a complete loss. REMIF will be paying to replace the vehicle.	Police	Police	10020210.80100	V4206	N/A	Chris Dewey	cdewey@cityofukiah.com	300 Seminary Avenue	Vehicles, Machinery & Equipment	In Progress	2018	2019	General	Yes	New Revenues		\$	60,000						\$	60,000	REMIF Reimbursement	Not Reviewed					
Annual Police Car Replacement	Annually the Police Department schedules the replacement of two patrol cars. Typically, a patrol car lasts about 3 years before it reaches the end of it's service life. It take the department about a year to order, receive and outfit a car for patrol use. By scheduling regular replacement of cars, the department ensures we have enough cars available for patrol use.	Police	Police	10020210.80100	V4208 and V4199	N/A	Chris Dewey	cdewey@cityofukiah.com	300 Seminary Avenue	Vehicles, Machinery & Equipment	On-going	2018	2023	General	Yes	Current Revenues		\$	100,000	\$	100,000	\$	100,000	\$	100,000	\$	500,000	V4208 - Durango, V4199 Charger	Reviewed and Supported				
SUB-TOTAL:																	\$	-	\$	160,000	\$	100,000	\$	100,000	\$	100,000	\$	100,000	\$	560,000			
PUBLIC WORKS DEPARTMENT																																	
Project Name	Project Description	Department	Division	Org/Object	Project Number	Allocation to Multi-funds	Project Contact Name (s)	Project Contact Email (s)	Project Location	Improvement Type	Project Status	Project Start	Project End	Funding Source	Funding Identified	Funding Type	Costs to date	Estimated Costs per Fiscal Year					Totals	Comments	City Council Status								
																		18/19	19/20	20/21	21/22	22/23											
Engineering Inspector Vehicle - Ford F-150 - Shared Cost	Due to the addition of Engineering Staff, a Ford F-150 is needed in order to manage and inspect projects that improve the Streets, Water and Wastewater infrastructure in order to provide required services to our citizens. Three divisions share the cost: \$33,000 total	Public Works	Engineering	10024210.80100	V3722	Shared with 820 Water and 840 Wastewater.	Jarod Thiele	jthiele@cityofukiah.com	300 Seminary Avenue	Vehicles, Machinery & Equipment	New	2018	2019	General	Yes	Current Revenues		\$	11,000						\$	11,000		Not Reviewed					
Camera Truck Replacement - Shared Cost	The existing camera truck, Vehicle #2636, a 2008 Chevy Hi-Cube Van, equipped with Cues camera equipment, needs to be replaced, as the technology is outdated, and the vehicle itself unreliable. This replacement is necessary in order to continue to CCTV Sewer mains and Storm drains. Two divisions share this cost. Total cost: \$250,000	Public Works	Storm Water	10024224.80100	V2637	Shared with 840 Sewer Operations	David Kirch	dkirch@cityofukiah.com	1320 Airport Road	Vehicles, Machinery & Equipment	New	2018	2019	Enterprise	Yes	Current Revenues		\$	27,500						\$	27,500		Not Reviewed					
Sweeper Replacement	The existing sweeper, Vehicle #2522, a 2008 Tymco Sweeper, will need to be replaced due to its high use and anticipated hours it will reach. Total cost: \$248,100	Public Works	Streets	10024224.80100	V2524	N/A	David Kirch	dkirch@cityofukiah.com	1320 Airport Road	Vehicles, Machinery & Equipment	New	2019	2021	General	No	Current Revenues					\$	248,100		\$	248,100	Department plans transfer to reserves for this replacement.	Not Reviewed						
Mower Replacement - Shared Cost	The replacement of Equipment #1230, a 1987 Massey Ferguson with a 383 sidearm, is necessary as it is not CARB compliant, and replacement parts are unavailable. This equipment is used to maintain the public right-of-way, Wastewater Treatment Plant, and the Ukiah Municipal Airport. It keeps City facilities appearing tidy for the public, and specifically equipped with a sidearm mower for banks, levees and other difficult to access locations. Three divisions share the cost: \$140,000 total	Public Works	Streets	10024620.80100	E1231	Shared with 779 Airport and 840 Water Resources	David Kirch	dkirch@cityofukiah.com	1320 Airport Road	Vehicles, Machinery & Equipment	New	2018	2019	General	Yes	Current Revenues		\$	70,000						\$	70,000		Not Reviewed					
Asphalt Zipper - Shared Cost	The current equipment is Equipment #1000, a 1994 Wirtgen W500 Grinder. This is a CARB Tier 0, and a retrofit for this unit is unavailable. This equipment assists in the ongoing maintenance of the Streets network in order to provide upgraded facilities for our residents. Three divisions will contribute: \$120,000 total	Public Works	Streets	10024620.80100	E1001	Shared with 820 Water and 840 Wastewater.	David Kirch	dkirch@cityofukiah.com	1320 Airport Road	Vehicles, Machinery & Equipment	New	2022	2023	General	Yes	Current Revenues							\$	40,000	\$	40,000	Department plans to set aside funds for this replacement.	Not Reviewed					
Asphalt Roller-Shared Cost	The current equipment is Equipment #1611, a 1995 CAT CB214C Roller. This is CARB Tier 0, and a retrofit for this unit is unavailable. This equipment assists in the ongoing maintenance of the Streets network in order to provide upgraded facilities for our residents. Three divisions will contribute: \$66,000 total	Public Works	Streets	10024620.80100	E1612	Shared with 820 Water and 840 Wastewater.	David Kirch	dkirch@cityofukiah.com	1320 Airport Road	Vehicles, Machinery & Equipment	New	2022	2023	General	Yes	Current Revenues							\$	22,000	\$	22,000	Department plans to set aside funds for this replacement.	Not Reviewed					
Asphalt Paver - Shared Cost	The current equipment is Equipment #1811, a 1998 LeeBoy Model 10008 Paver. This is a CARB Tier 0, and a retrofit for this unit is unavailable. This equipment assists in the ongoing maintenance of the Streets network in order to provide upgraded facilities for our residents. Three divisions will contribute: \$210,000 total	Public Works	Streets	10024620.80100	E1812	Shared with 820 Water and 840 Wastewater.	David Kirch	dkirch@cityofukiah.com	1320 Airport Road	Vehicles, Machinery & Equipment	New	2022	2023	General	Yes	Current Revenues							\$	70,000	\$	70,000	Department plans to set aside funds for this replacement.	Not Reviewed					
Cold Planer	This equipment is needed to remove thermoplastic striping from the Streets network and to remove raised sidewalk in order to provide safer pedestrian facilities.	Public Works	Streets	10024620.80100	E1401	N/A	David Kirch	dkirch@cityofukiah.com	1320 Airport Road	Vehicles, Machinery & Equipment	New	2018	2019	General	Yes	Current Revenues		\$	25,000						\$	25,000		Not Reviewed					
Backhoe Replacement - Shared Cost	The existing Backhoe, Equipment #1321, a 1990 Case 580 Backhoe, needs to be replaced in order to meet CARB requirements. It provides a much needed service of maintaining and repairing Water Mains, Sewer Mains, Streets and the Corporation Yard. All of these services are provided in order to continue providing services to our ratepayers and citizens. Four divisions share the cost: \$120,000 total	Public Works	Streets	10024620.80100	E1323	Shared with 820 Water, 840 Wastewater, and 208 Corporation Yard.	David Kirch	dkirch@cityofukiah.com	1320 Airport Road	Vehicles, Machinery & Equipment	New	2018		General	Yes	Current Revenues		\$	12,000						\$	12,000		Not Reviewed					
Bucket Truck Replacement - Shared Cost	There are currently two bucket trucks, Vehicle #2221, a 1992 Ford F450 which is being put into surplus in fiscal year 2017/2018, and Vehicle #2230, a 1995 Ford F450, which will be kept into service until it is replaced. It is used to trim street and park trees, and also assists in hanging banners which promote City services and activities which benefit the community. Two divisions share the cost. Total cost: \$100,000	Public Works	Streets	10024620.80100	V2224	Shared with 100 Parks	David Kirch	dkirch@cityofukiah.com	1320 Airport Road	Vehicles, Machinery & Equipment	New	2019		General	No	Current Revenues				\$	50,000				\$	50,000		Not Reviewed					
Ford F-150 - Fleet & Plant Maintenance	Fleet and Plant Maintenance Division currently uses Vehicle #3111, a 2004 Ford Ranger, that was originally purchased by the Police Department. The replacement is needed is in needed so this division is better equipped to continue to provide services to all City Department and outside agencies. Existing Vehicle #3111 will be transferred back to the Police Department.	Public Works	Fleet Maintenance	20324100.80100	V3245	N/A	David Kirch	dkirch@cityofukiah.com	1320 Airport Road	Vehicles, Machinery & Equipment	New	2018	2019	Internal Service	Yes	Current Revenues		\$	35,000						\$	35,000		Not Reviewed					
Backhoe Replacement - Shared Cost	The existing Backhoe, Equipment #1321, a 1990 Case 580 Backhoe, needs to be replaced in order to meet CARB requirements. It provides a much needed service of maintaining and repairing Water Mains, Sewer Mains, Streets and the Corporation Yard. All of these services are provided in order to continue providing services to our ratepayers and citizens. Four divisions share the cost: \$120,000 total	Public Works	Corporation Yard	20824300.80100	E1323	Shared with 100 Streets, 820 Water, and 840 Wastewater	David Kirch	dkirch@cityofukiah.com	1320 Airport Road	Vehicles, Machinery & Equipment	New	2018	2019	Internal Service	Yes	Current Revenues		\$	12,000						\$	12,000		Not Reviewed					
Loader and Dump Truck Replacements	Loader and Dump Truck Replacement for 3 years. This equipment is used to maintain and repair the Infrastructure for our citizens. Total cost: \$686,700	Public Works	Corporation Yard	20824300.80100	18017	N/A	David Kirch	dkirch@cityofukiah.com	1320 Airport Road	Vehicles, Machinery & Equipment	New	2021	2022	Internal Service	Yes	Current Revenues							\$	686,700	\$	686,700	Department plans transfer to reserves for this replacement.	Not Reviewed					
SUB-TOTAL:																	\$	-	\$	192,500	\$	50,000	\$	248,100	\$	686,700	\$	132,000	\$	1,309,300			
WATER RESOURCES DEPARTMENT																																	
Project Name	Project Description	Department	Division	Org/Object	Project Number	Allocation to Multi-funds	Project Contact Name (s)	Project Contact Email (s)	Project Location	Improvement Type	Project Status	Project Start	Project End	Funding Source	Funding Identified	Funding Type	Costs to date	Estimated Costs per Fiscal Year					Totals	Comments	City Council Status								
																		18/19	19/20	20/21	21/22	22/23											
Engineering Inspector Vehicle - Ford F-150 - Shared Cost	Due to the addition of Engineering Staff, a Ford F-150 is needed in order to manage and inspect projects that improve the Streets, Water and Wastewater infrastructure in order to provide required services to our citizens. Three divisions share the cost: \$33,000 total	Water Resources	Water Administration	82027110.80100	V3722	Shared with 100 Streets and 840 Wastewater.	Jarod Thiele	jthiele@cityofukiah.com	300 Seminary Avenue	Vehicles, Machinery & Equipment	New	2018	2019	Enterprise	Yes	Current Revenues		\$	11,000						\$	11,000		Not Reviewed					
WTP Ford F-150	Replaces Vehicle #3730, a 2002 Ford F-150. Due to the age and high usage of this vehicle, it is time to replace. This vehicle will be used to assist in the operations of the Water Department in order to provide potable water to our customers.	Water Resources	Water Treatment Plant	82027111.80100	V3732	N/A	David Kirch	dkirch@cityofukiah.com	1320 Airport Road	Vehicles, Machinery & Equipment	New	2018	2019	Enterprise	Yes	Current Revenues		\$	35,000						\$	35,000		Not Reviewed					
Replace VFD at Ranney Collector	This replacement is necessary in order to update aging infrastructure so the City can continue to provide services to our water customers.	Water Resources	Water Treatment Plant	82027111.80100	18049	N/A	Michelle Whyburn	mwhyburn@cityofukiah.com	935 River Road	Vehicles, Machinery & Equipment	New	2018	2019	Enterprise	Yes	Current Revenues		\$	100,000						\$	100,000		Not Reviewed					
Upgrade SCADA System	This upgrade is necessary in order to update aging infrastructure so we can continue to provide services to our water customers.	Water Resources	Water Treatment Plant	82027111.80100	18050	N/A	Michelle Whyburn	mwhyburn@cityofukiah.com	935 River Road	Vehicles, Machinery & Equipment	New	2018	2019	Enterprise	Yes	Current Revenues		\$	300,000						\$	300,000		Not Reviewed					
Asphalt Zipper - Shared Cost	The current equipment is Equipment #1000, a 1994 Wirtgen W500 Grinder. This is a CARB Tier 0, and a retrofit for this unit is unavailable. This equipment assists in the ongoing maintenance of the Streets network in order to provide upgraded facilities for our residents. Three divisions will contribute: \$120,000 total	Water Resources	Water Operations	82027114.80100	E1001	Shared with 10																											

FIVE YEAR CAPITAL IMPROVEMENT PLAN
July 1, 2018

Engineering Inspector Vehicle - Ford F-150 - Shared Cost	Due to the addition of Engineering Staff, a Ford F-150 is needed in order to manage and inspect projects that improve the Streets, Water and Wastewater infrastructure in order to provide required services to our citizens. Three divisions share the cost: \$33,000 total	Water Resources	Sewer Administration	84027220.80100	V3722	Shared with 100 Streets and 820 Water.	Jarod Thiele	jthiele@cityofukiah.com	300 Seminary Avenue	Vehicles, Machinery & Equipment	New	2018	2019	Enterprise	Yes	Current Revenues		\$ 11,000						\$ 11,000		Not Reviewed
Mower Replacement - Shared Cost	The replacement of Equipment #1230, a 1987 Massey Ferguson with a 383 sidearm, is necessary as it is not CARB compliant, and replacement parts are unavailable. This equipment is used to maintain the public right-of-way, Wastewater Treatment Plant, and the Ukiah Municipal Airport. It keeps City facilities appearing tidy for the public, and specifically equipped with a sidearm mower for banks, levees and other difficult to access locations. Three divisions share the cost: \$140,000 total	Water Resources	Sewer Operations	84027221.80100	E1231	Shared with 100 Public Works, and 779 Airport	David Kirch	dkirch@cityofukiah.com	1320 Airport Road	Vehicles, Machinery & Equipment	New	2018	2019	Enterprise	Yes	Current Revenues		\$ 35,000						\$ 35,000		Not Reviewed
Asphalt Zipper - Shared Cost	The current equipment is Equipment #1000, a 1994 Wirtgen W500 Grinder. This is a CARB Tier 0, and a retrofit for this unit is unavailable. This equipment assists in the ongoing maintenance of the Streets network in order to provide upgraded facilities for our residents. Three divisions will contribute: \$120,000 total	Water Resources	Sewer Operations	84027221.80100	E1001	Shared with 100 Streets and 820 Water.	David Kirch	dkirch@cityofukiah.com	1320 Airport Road	Vehicles, Machinery & Equipment	New	2022	2023	Enterprise	Yes	Current Revenues							\$ 40,000	\$ 40,000	Department plans to set aside funds for this replacement.	Not Reviewed
Asphalt Roller-Shared Cost	The current equipment is Equipment #1611, a 1995 CAT CB214C Roller. This is CARB Tier 0, and a retrofit for this unit is unavailable. This equipment assists in the ongoing maintenance of the Streets network in order to provide upgraded facilities for our residents. Three divisions will contribute: \$66,000 total	Water Resources	Sewer Operations	84027221.80100	E1612	Shared with 100 Streets and 820 Water.	David Kirch	dkirch@cityofukiah.com	1320 Airport Road	Vehicles, Machinery & Equipment	New	2022	2023	Enterprise	Yes	Current Revenues							\$ 66,000	\$ 66,000	Department plans to set aside funds for this replacement.	Not Reviewed
Asphalt Paver - Shared Cost	The current equipment is Equipment #1811, a 1998 LeeBoy Model 1000B Paver. This is a CARB Tier 0, and a retrofit for this unit is unavailable. This equipment assists in the ongoing maintenance of the Streets network in order to provide upgraded facilities for our residents. Three divisions will contribute: \$210,000 total	Water Resources	Sewer Operations	84027221.80100	E1812	Shared with 100 Streets and 820 Water.	David Kirch	dkirch@cityofukiah.com	1320 Airport Road	Vehicles, Machinery & Equipment	New	2022	2023	Enterprise	Yes	Current Revenues							\$ 70,000	\$ 70,000	Department plans to set aside funds for this replacement.	Not Reviewed
Backhoe Replacement - Shared Cost	The existing Backhoe, Equipment #1321, a 1990 Case S80 Backhoe, needs to be replaced in order to meet CARB requirements. It provides a much needed service of maintaining and repairing Water Mains, Sewer Mains, Streets and the Corporation Yard. All of these services are provided in order to continue providing services to our ratepayers and citizens. Four divisions share the cost: \$120,000 total	Water Resources	Sewer Operations	84027221.80100	E1323	Shared with 100 Streets, 820 Water and 208 Corporation Yard	David Kirch	dkirch@cityofukiah.com	1320 Airport Road	Vehicles, Machinery & Equipment	New	2018	2019	Enterprise	Yes	Current Revenues		\$ 48,000						\$ 48,000		Not Reviewed
Vactor Replacement - Shared Cost	The existing vehicle, Vehicle #2515, a 2009 VacCon V350 LHA, will need to be replaced as it will be soon reaching its end-of-life. This equipment assists in repairing and maintaining the Water Distribution and Sewer Collection System in order to provide services to our rate payers. Two divisions share the cost: \$300,000 total	Water Resources	Sewer Operations	84027221.80100	V2518	Shared with 820 Water	David Kirch	dkirch@cityofukiah.com	1320 Airport Road	Vehicles, Machinery & Equipment	New	2020	2021	Enterprise	No	Current Revenues				\$ 150,000				\$ 150,000	Electric Utility Department needs will also be considered.	Not Reviewed
Camera Truck Replacement - Shared Cost	The existing camera truck, Vehicle #2636, a 2008 Chevy Hi-Cube Van, equipped with Cues camera equipment, needs to be replaced, as the technology is outdated, and the vehicle itself unreliable. This replacement is necessary in order to continue to CCTV Sewer mains and Storm drains. Two divisions share this cost. Total cost: \$250,000	Water Resources	Sewer Operations	84027221.80100	V2637	Shared with 100 Storm Water	David Kirch	dkirch@cityofukiah.com	1320 Airport Road	Vehicles, Machinery & Equipment	New	2018	2019	Enterprise	Yes	Current Revenues		\$ 212,500						\$ 212,500		Not Reviewed
Ford/Orchard Lift Station Upgrade	This needs upgrading to change from single to three phase power, installing two new pumps, the pump guides, and the discharge valves.	Water Resources	Water Treatment Plant	84027221.80230	15099	N/A	Michelle Whyburn	mwhyburn@cityofukiah.com	935 River Road	Vehicles, Machinery & Equipment	New	2018	2019	Enterprise	Yes	Current Revenues		\$ 75,000						\$ 75,000		Not Reviewed
Telescoping Lift	This equipment is needed at the Wastewater Treatment Plant to assist in maintaining the facility which provides Waste Water Treatment for the City and the Ukiah Valley Sanitation District.	Water Resources	Wastewater Treatment Plant	84027225.80100	E1718	N/A	David Kirch	dkirch@cityofukiah.com	300 Plant Road	Vehicles, Machinery & Equipment	New	2018	2019	Enterprise	Yes	Current Revenues		\$ 12,000						\$ 12,000		Not Reviewed
Methane Scrubbers	Methane Scrubbers are needed in order to clean the methane gas to provide an alternate energy source to operate the boilers at the Wastewater Treatment Plant, which will in turn decrease the City's energy cost at the plant.	Water Resources	Wastewater Treatment Plant	84027225.80100	18056	N/A	David Kirch	dkirch@cityofukiah.com	300 Plant Road	Vehicles, Machinery & Equipment	New	2018	2019	Enterprise	Yes	Current Revenues		\$ 100,000						\$ 100,000		Not Reviewed
TFSC REXA Valves	These valves need to be replaced due to their age and the environment they reside in at the Wastewater Treatment Plant.	Water Resources	Wastewater Treatment Plant	84027225.80230	18057	N/A	David Kirch	dkirch@cityofukiah.com	300 Plant Road	Vehicles, Machinery & Equipment	New	2018	2019	Enterprise	Yes	Current Revenues		\$ 30,000						\$ 30,000		Not Reviewed
SUB-TOTAL:																	\$ -	\$ 1,017,500	\$ -	\$ 300,000	\$ -	\$ 308,000	\$ 1,625,500			
TOTALS FOR VEHICLES, MACHINERY & EQUIPMENT:																	\$ 5,000	\$ 2,026,200	\$ 394,200	\$ 1,407,300	\$ 2,815,900	\$ 969,200	\$ 7,617,800			