



Public Works
March 12, 2018

Mission



Provide essential public works and utilities services to the citizens of Yuba City in the safest, most responsive, and efficient means possible.

Services Provided



- Engineering
- Facilities Maintenance
- Fleet Maintenance
- Street Maintenance
- Water Treatment and Distribution
- Wastewater Treatment and Collection
- Laboratory

Priorities



- Maintain and Improve our Infrastructure
 - Day to day operations
 - Advance Fifth Street Bridge Replacement
 - Bridge Street Widening – Gray to Cooper
 - Energy Efficiency Projects – WTP & WWTF
 - Wastewater Treatment Facility Improvements
 - Facility Improvements

Priorities



- Develop our Organization
 - Public Works Reset
 - Started in July 2016
 - Core areas critical to building the Public Works culture:
 - Communication
 - Leadership Performance
 - Standards of Engagement
 - Accountability
 - Staff Development

Priorities



- Develop our Organization
 - Public Works Academy



Priorities



- Prepare for Growth
 - Completion of Water Master Plan
 - Contract Award
 - Wastewater Master Plan
 - Travel Demand Model and Road Development Impact Fee Update

Priorities



- Enhance our Image and Reputation
 - SR 20 Landscape Corridor Design
 - Educational Outreach/Tours
 - YC 311 Responsiveness
 - Responsiveness to Development Requests

Challenges



- Aging Infrastructure
 - Water and Wastewater Rates
 - Balance rates with funding required to cover operating costs, debt service, and capital needs
 - Pavement Condition
 - \$7 Million required annually to maintain roadways in fair condition

Challenges



- Infrastructure to serve new development
 - Very little to no cash on hand to be able to fund infrastructure to serve new development

Challenges



- **Increased Regulatory Requirements**
 - Lack of corresponding revenue sources to meet increased regulatory requirements
- **Staff Recruitment/Retention**
 - Recruiting and retaining quality employees

Solutions



- Evaluate operations to implement innovative/efficient work solutions
- Pursue grant opportunities
- Encourage infill development or development of areas adjacent to existing infrastructure
- Be strategic in the maintenance performed
 - “Keep good roads good”
- Maintain a positive culture

What keeps me up at night?



- Workload
 - How to allocate resources to meet demand
- Staffing
 - Support employees
 - Provide employees with the resources they need to do their jobs
 - Create an environment where employees want to work for Yuba City

What keeps me up at night?



- Water Treatment Plant
 - Inability to draw water from the Feather River
- Wastewater Treatment Facility
 - Inability to treat wastewater

FY 19/20 Capital Acquisition Requests



DIVISION	DESCRIPTION	ESTIMATED COST
Fleet	Heavy-Vehicle Mobile Column Lifts	\$100,000
Streets	Replace Truck 04-33	\$45,000
Water Treatment	Fluoride Analyzer	\$10,000
	Air Scour Blower Controller	\$30,000
Laboratory	Storage Shed for Laboratory Supplies	\$15,000
	COD Spectrophotometer	\$7,500
	Composite Sampler	\$7,500
	Electrical Conductivity Meter & Probe	\$7,500

FY 19/20 Capital Acquisition Requests



DIVISION	DESCRIPTION	ESTIMATED COST
Wastewater Treatment	Nutrient Analyzer	\$55,000
	Dissolved Oxygen Meters for Reactor	\$30,000
	Waste Activated Sludge Pumps & Valving	\$25,000
	Vapex Odor Control System – LS 2	\$70,000
	Sewer Bypass Plug System	\$12,000
	Front Gate Motor Drives	\$16,000
	Operations Control Center Work Stations	\$20,000
Electrical	Traffic Signal Controller	\$10,000

FY 19/20 Capital Acquisition Requests



DIVISION	TOTAL REQUESTED
Fleet	\$100,000
Streets	\$45,000
Water Treatment	\$40,000
Laboratory	\$37,500
Wastewater Treatment	\$228,000
Electrical	\$10,000

Staffing Requests



- Engineering
 - Associate Engineer
- Laboratory
 - Industrial Water Inspector/Specialist/Analyst
- Corporation Yard
 - Administrative Clerk
- Facilities Maintenance
 - Building Maintenance Worker
 - Custodian

Staffing Requests



- Wastewater Treatment
 - Convert Mechanic to Senior Mechanic
 - Utilities Maintenance Worker

Public Works Vision



- Operations
 - Newest technology/tools
 - Grow with the community
 - Modern/reliable infrastructure
 - Beautiful roads, community, and art in public places
 - Residents appreciate services
 - Increased public outreach/engagement
 - Civic pride
 - Robust bike path network and community center

Public Works Vision



- Staff
 - Diverse skill set/well trained
 - Employee ownership
 - Employer of choice
 - Adequate staffing
 - Internal appreciation
 - Common goals
 - Fun and innovative
 - Pass down of institutional knowledge

