



PLANNING COMMISSION STAFF REPORT

DATE:	April 16, 2025
LOCATION:	Citywide
REQUEST:	Consider Adoption of Resolution Finding Consistency with the General Plan for the Fiscal Year 2025-2026 & 2026-2027 Capital Improvement Program (CIP).
APPLICANT:	City of Lathrop
CEQA STATUS:	Exempt according to California Environmental Quality Act Article 5 §15061 (b) (3).

SUMMARY:

As part of the bi-annual budget process, the City prepares the Capital Improvement Program (CIP) that prioritizes and sets funding for public infrastructure improvement projects. California Government Code Section 65401 requires that the Planning Commission review all proposed Public Works projects recommended for planning, initiation or construction for conformity with the General Plan. Staff has reviewed the proposed projects for the 2025-2026 and 2026-2027 fiscal years and determined that the projects are consistent with the General Plan.

ANALYSIS:

Finding of Consistency

The principal tools used to guide planning and programming of public infrastructure improvements are the City's General Plan and the Capital Improvement Program. As the CIP prioritizes and sets funding for improvement projects, the General Plan contains numerous goals and policies that provide direction in addressing the City's short and long term infrastructure needs. Attachment "2" of this staff report includes a summary table and project description sheet of each of the improvement projects proposed for the FY 2025-2026 and 2026-2027 CIP. Noted below is a list of categories from Attachment "2" that include current improvement projects that have been initiated by City staff followed by applicable City General Plan goals policies and/or implementation actions that support the City's needs for these improvement projects:

General Government and Public Safety

- GG 22-02 Citywide Cathodic Protection Maintenance
- GG 23-07 Public Transit Services
- GG 23-11 Animal Center

- GG 24-23 Historic Beautification
- GG 24-28 Electric Vehicle Charging Stations
- GG 25-02 East Lathrop Removal of Architectural Barriers
- GG 26-01 Corporation Yard Improvements
- GG 26-02 Citywide Fiber Optic Communication Improvements
- GG 26-03 Citywide Surveillance System
- GG 26-04 Installation of Camera Surveillance System of Major City Parks
- GG 26-05 Broadband Infrastructure
- GG 26-06 SCADA Integration and Maintenance
- GG 26-07 Lathrop Police Department Radio Infrastructure

Applicable Policies and Implementation Actions:

Policy PFS-1.12: Infrastructure Rehabilitation. Prioritize the regular maintenance and rehabilitation of public facilities and critical infrastructure in Lathrop.

Policy PFS-6.8: Public Facility Communication. Pursue a fiber optic system to connect all City facilities. Connect all traffic signals to City Hall to allow remote monitoring, traffic counts and adjustments and to facilitate coordinated operation to improve traffic flow.

Implementation Action CIR-1m: Require new development to pay a fair share of the costs of street and other transportation improvements in conformance with the goals and policies established in this Circulation Element and the CFF program.

Implementation Action CIR-1n: Aggressively pursue state and federal funding to augment the CFF program and implement the City's Circulation Element.

Parks and Recreation Improvements

- PK 22-05 Multi-Purpose Community Center Complex
- PK 24-04 Mossdale Landing Park Splash Pad Renovation
- PK 24-26 Eagles Landing Park
- PK 25-01 Valverde Park Revitalization Project
- PK 25-13 Sangalang Shade Park Shelter

Applicable Goals and Policies:

Goal RR-1.6: Provide the community with high-quality parks and recreational amenities.

Policy RR-1.6: Design and Maintenance. Promote implementation of established design, construction, and facility maintenance standards to ensure that existing and future parks, recreational facilities, open space, and trails are of high quality in regard to safety, utility, environmental stewardship, and aesthetic quality.

Street Improvements

- PS 06-06 Louise Avenue and I-5 Improvements
- PS 06-16 Lathrop Road & I-5 Improvements
- PS 12-04 Manthey Road Bridge Replacement
- PS 14-04 Harlan Road Precise Plan Line
- PS 17-09 State Route 120 and Yosemite Avenue Interchange
- PS 22-15 Citywide Engineering and Traffic Study
- PS 23-01 City-wide Traffic Systems and Safety Upgrades
- PS 24-05 FY 2023/24 Pavement Maintenance
- PS 24-06 Pavement Maintenance and Repair Project/City Wide Slurry Seal
- PS 24-30 Pedestrian Safety Enhancement
- PS 25-05 Lathrop High School Pedestrian Hybrid Signal
- PS 25-12 River Islands Parkway and Oberlin Avenue Traffic Signal
- PS 25-14 Sidewalk and Landscape Improvements
- PS 25-24 Stanford Crossing Extension
- PS 26-08 Traffic Calming Measures FY 25/26

Implementation Actions:

Implementation Action CIR-1c: Apply signals, roundabouts, traffic circles and other traffic management techniques appropriately at residential and collector street intersections with collector and arterial streets in order to allow bicyclists and pedestrians to travel more conveniently and more safely from one neighborhood to another.

Implementation Action CIR-2b: Add planned bicycle and pedestrian facilities in conjunction with road rehabilitation, reconstruction, or re-striping projects whenever feasible.

Implementation Action CIR-2c: Enhance sidewalks to create a high-quality pedestrian environment, including wider sidewalks and improved pedestrian crossings, landscaping, buffers between sidewalks and vehicle travel lanes, enhanced pedestrian lighting, wayfinding signage, shade trees, and canopies, increased availability of benches, and other features.

Implementation Action CIR-1d: Use traffic calming tools to assist in implementing complete street principles; possible tools include roundabouts, raised intersections, curb extensions, reduced roadway width, and high visibility crosswalks.

Implementation Action CIR-2a: Create an active transportation plan supporting the development of bicycle and pedestrian networks across the City and funding applications for bicycle and pedestrian improvements.

Implementation Action CIR-2l: Create bicycle and pedestrian connections to the ACE station, planned Valley Link stations, and other transit stops.

Water Improvements

- PW 20-16 Groundwater Treatment Improvements
- PW 22-19 Integrated Water Resources Master Plan Updates
- PW 22-36 Aquifer Storage and Recovery
- PW 24-12 East Lathrop Water Main and Lateral Upgrades
- PW 25-10 East Lathrop Water Distribution System Improvements

Policies and Implementation Actions:

Policy PFS-2.1: Water System and Supply. Manage the water system to ensure that the water supply is adequate to meet the needs of existing and future development and is utilized in a sustainable manner.

Policy PFS-2.2: Integrated Water Resources Master Plan. Continue to update and implement the Integrated Water Resources Master Plan (IWRMP).

Policy PFS-10.4: Promotion. Promote the use of recycled water and treated wastewater to the extent allowable and feasible, including use for irrigation, agriculture, industrial, and groundwater recharge purposes, when such opportunities become available.

Policy PS-2.6: Water Supply. Ensure that new development is served with adequate water volumes and water pressure to support fire protection, including minimum required fire flow standards for commercial, industrial and residential areas.

Implementation Action PFS-2a: Update the IWRMP, regarding water supply and distribution, every five years, or as needed. The update shall reflect the most recent adopted groundwater studies that establish a safe yield for the groundwater basin and/or establish maximum extraction from the basin. The update shall be reviewed periodically for adequacy and consistency with the General Plan

Implementation Action PFS-2b: Continue to rely on existing groundwater and surface water resources, while maintaining and improving the infrastructure, in collaboration with the SSJID, other water districts, and other local jurisdictions where applicable, to provide access to the water supply.

Implementation Action PFS-3a: Update the IWRMP regarding wastewater collection and treatment every five years, or as needed. The update shall be reviewed periodically for adequacy and consistency with the General Plan.

Drainage Improvements

- SD 22-23 Citywide Storm Drain Pump Station Improvements
- SD 24-13 Full Trash Capture Devices
- SD 25-17 East Lathrop Stormwater Master Plan

Applicable Policies and Implementation Actions:

Policy PFS-4.1: Maintain Capacity. Maintain and improve storm drainage infrastructure and flood control facilities in order to protect the community from flood hazards.

Implementation Action PFS-4c: Identify which storm water and drainage facilities are in need of repair or reconstruction and address these needs through the City's Capital Improvement Program.

Wastewater Improvements

- WW 22-24 Integrated Wastewater Resources Master Plan Update
- WW 22-38 Consolidated Treatment Facility Phase 3 Expansion
- WW 24-14 Sangalang Wastewater Lift Station Access Modifications
- WW 25-23 McKinley Avenue Forcemain Intertie
- WW 26-09 Wastewater Pump Station Access Modification and Upgrades
- WW 26-10 Easy Ct/O St Gravity Main Replacement
- WW 26-11 O Street Pump Station Upgrades

Applicable Policies and Implementation Actions:

Policy PFS-3.1: Wastewater Infrastructure. Ensure adequate wastewater collection and treatment infrastructure to serve existing and future development.

Policy PFS-3.2: Peak Flow. Maintain the ability to handle peak discharge flow as per the State Regional Water Quality Control Board requirements established in the current Waste Discharge Requirements (WDR's) Order for the Lathrop Consolidated Wastewater Treatment Facility (LCTF).

Implementation Action PFS-3a: Under the IWRMP regarding wastewater collection and treatment every five years, or as needed. The update shall be reviewed periodically for adequacy and consistency with the General Plan.

Recycled Water Improvements

- RW 23-02 Recycled Water Operations and Permitting

Applicable Goals/Policies/Implementation Actions:

Goal PFS-10: Support the use of recycled water to meet water demands.

Policy PFS-10.4: Promotion. Promote the use of recycled water and treated wastewater to the extent allowable and feasible, including use for irrigation, agriculture, industrial, and groundwater recharge purposes, when such opportunities become available.

Policy PFS-10.5: Infrastructure. As feasible, require recycled water infrastructure including purple pipes to encourage the future use of reclaimed water for urban landscapes to be included in new development and infrastructure projects.

Implementation Action PFS-10: Pursue expansions to the treatment and distribution capacity of recycled water supplies.

Future Capital Improvement Projects

- PK 24-03 7th Street Park Design
- PW 08-09 Well 21 Improvements
- PW 24-10 Booster Pump Stations Chlorine Residual Control System
- SD 08-07 Shilling Storm Water Pump Station & Force Main
- WW 22-25 Stonebridge Gravity Main Replacement and Pump Station Upgrade
- WW 22-26 Woodfield West Deficiency Project Alternative A
- WW 24-15 Odor and FOG Control for Wastewater Pump Stations

Applicable Goals/Policies/Implementation Actions:

Goal CIR-1: Develop and maintain a roadway system that accommodates all users.

Goal PFS-2: Provide existing and project development with reliable, adequate access to clean, safe, and potable water.

Policy RR-1.6: Design and Maintenance. Promote implementation of established design, construction, and facility maintenance standards to ensure that existing and future parks, recreational facilities, open space, and trails are of high quality in regard to safety, utility, environmental stewardship, and aesthetic quality.

Policy CIR-1.1: Roadway Network. Provide a roadway network that is consistent with the planned improvements shown on the Circulation Element Map (Figure CIR-1).

Policy PFS-2.1: Water System and Supply. Manage the water system to ensure that the water supply is adequate to meet the needs of existing and future development and is utilized in a sustainable manner.

Policy PFS-2.7: Drinking Water. Ensure safe drinking water, consistent with federal and state standards, is available throughout the community.

Implementation Action PFS-4a: Update the City's master plans regarding stormwater runoff, flooding, and removal of surface water contaminants every five years, or as needed. The update shall be reviewed periodically for adequacy and consistency with the General Plan.

Implementation Action PFS-4c: Identify which storm water and drainage facilities are in need of repair or reconstruction and address these needs through the City's Capital Improvement Program.

Regulatory Compliance Programs

- GG 23-16 Backpack and Food Program
- GG 23-17 Residential Landscape Improvements
- GG 26-12 ADA Transition Plan Update
- PS 26-13 Annual Striping Project
- PW 26-14 Lead and Copper Rule Revisions
- PW 26-15 Sustainable Groundwater Management Act Compliance
- PW 26-16 Urban Water Management Plan
- PW 25-19 Water Conservation/MWELO
- SD 26-17 Phase II Small Municipal Separate Storm Sewer System (MS4) Program
- WW 26-18 Sanitary Sewer Overflow Reduction
- WW 26-19 NPDES LCTF Compliance

Applicable Goals/Policies/Implementation Actions:

Goal PFS-1: Provide effective, adequate, cost-efficient, and high-quality community services and facilities for residents, businesses, institutions, and visitors in Lathrop.

Policy RR-8.8: Management Strategies. Manage water resources as part of a broader integrated approach that includes groundwater, surface water, conservation, water quality, reuse, environmental stewardship, and other water management strategies

Policy PFS-2.8: Water Conservation. Support water conservation measures that comply with state and federal legislation and that are consistent with measures adopted in the City's Integrated Water Resources Master Plan and Urban Water Management Plan.

Policy PFS-2.1: Water System and Supply. Manage the water system to ensure that the water supply is adequate to meet the needs of existing and future development and is utilized in a sustainable manner.

Policy PFS-1.1: Service Enhancements. Encourage the implementation of new techniques and technologies to provide the best available level of community services in a cost-effective manner.

Policy PFS-1.3: Public Facility Plans. Maintain and implement public facility master plans, in collaboration with appropriate outside service providers and other agencies, to ensure compliance with appropriate regional, state, and federal laws and to provide efficient public facilities and services to the city.

Policy PFS-1.6: Capital Improvements. Maintain and fund the capital improvement program to ensure the adequate and efficient provision of public facility and municipal improvements.

Policy PFS-4.3: Regional Partnerships. Continue to work cooperatively with the San Joaquin Area Flood Control Agency and other outside agencies to meet SB-5 requirements to provide a 200-year Urban Level of Protection and other needs and priorities relative to storm drainage issues. Also, continue to participate with the San Joaquin Valley Stormwater Quality Partnership to meet objectives related to compliance with the City's Small MS4 Phase 2 permit.

Policy PFS-4.4: National Programs. Cooperate in regional programs to implement the National Pollutant Discharge Elimination System program.

Policy PFS-3.2: Peak Flow. Maintain the ability to handle peak discharge flow as per the State Regional Water Quality Control Board requirements established in the current Waste Discharge Requirements (WDR's) Order for the Lathrop Consolidated Wastewater Treatment Facility (LCTF).

Policy PFS-3.3: Statewide Requirements. Maintain compliance with the current Statewide General Waste Discharge Requirements concerning the operation and maintenance of sanitary sewer collection systems.

Implementation Action RR-8a: Regularly review and update the City's water conservation measures to be consistent with current best management practices for water conservation, considering measures recommended by the State Department of Water Resources and the California Urban Water Conservation Council.

CONCLUSION:

Staff has reviewed the above noted projects and recommends the adoption of the attached resolution finding the CIP is consistent with the goals, policies, and implementation actions of the General Plan. The projects are all included within other adopted plans that have been drafted as a result of General Plan policy. Many CIP projects are still on-going and are carried over from previous years and were previously found to be consistent with the City General Plan, but continue to require fiscal year funding allocations and therefore continue to be presented.

The determination of consistency is needed prior to the City Council's adoption of the CIP as part of the budget process. The City Council will use the Planning Commission's determination for this purpose.

CEQA REVIEW:

The finding of consistency for the proposed CIP projects with the General Plan is not subject to the California Environmental Quality Act (CEQA) pursuant to Article 5 §15061 (b) (3) by the “General Rule” that CEQA applies only to projects that have a potential for causing a direct physical change in the environment, or a reasonably foreseeable indirect physical change in the environment. The proposed action does not authorize any specific construction; it is only a finding of consistency to the General Plan. Each project within the CIP must undergo environmental review before the project is carried out.

RECOMMENDATION:

Staff recommends the Planning Commission adopt Resolution No. 25-4, finding the Fiscal Year 2025-2026 and 2026-2027 Capital Improvement Program to be consistent with the General Plan.

Approvals:


Trent DaDalt, Associate Planner

4/7/2025
Date


James Michaels, Senior Planner

4/7/2025
Date


Rick Caguiat, Community Development Director

4/7/25
Date


Brad Taylor, City Engineer

4/9/2025
Date


Salvador Navarrete, City Attorney

4-7-2025
Date

Attachments:

1. PC Reso No. 25-4
2. FY 2025-2026 & 2026-2027 Capital Improvement Program Project Summary List and Descriptions.

CITY OF LATHROP

PLANNING COMMISSION RESOLUTION NO. 25-4

**A RESOLUTION OF THE PLANNING COMMISSION OF THE CITY OF LATHROP
MAKING A FINDING OF CONSISTENCY WITH THE GENERAL PLAN FOR THE
FISCAL YEAR 2025-2026 AND 2026-2027 CAPITAL IMPROVEMENT PROGRAM
(CIP)**

WHEREAS, the City of Lathrop Planning Commission held a duly noticed public meeting to consider the proposed Fiscal Year 2025-2026 and 2026-2027 Capital Improvement Program; and

WHEREAS, the City of Lathrop adopted a current Comprehensive General Plan on September 19, 2022, which has been updated from time to time and includes specific policies and objectives for infrastructure, construction and maintenance of public facilities; and

WHEREAS, the projects listed in the CIP General Government and Public Safety category meets the intent of the General Plan goals, policies, and implementation actions; and

WHEREAS, the projects listed in the CIP Parks and Recreation Improvements category meets the intent of the General Plan goals, policies, and implementation actions; and

WHEREAS, the projects listed in the CIP Street Improvements category meets the intent of the General Plan goals, policies, and implementation actions; and

WHEREAS, the projects listed in the CIP Water Improvements category meets the intent of the General Plan goals, policies, and implementation actions; and

WHEREAS, the projects listed in the CIP Drainage Improvements category meets the intent of the General Plan goals, policies, and implementation actions; and

WHEREAS, the projects listed in the CIP Wastewater Improvements category meets the intent of the General Plan goals, policies, and implementation actions; and

WHEREAS, the projects listed in the CIP Recycled Water Improvements category meets the intent of the General Plan goals, policies, and implementation actions; and

WHEREAS, the projects listed in the CIP Future Capital Improvement Projects category meets the intent of the General Plan goals, policies, and implementation actions; and

WHEREAS, the projects listed in the CIP Regulatory Compliance Programs category meets the intent of the General Plan goals, policies, and implementation actions; and

WHEREAS, pursuant to California Government Code Section 65401, the Planning Commission is required to review Capital Improvement Program to determine that it is consistent with the City's adopted General Plan; and

WHEREAS, the finding of consistency with the General Plan is exempt from the California Environmental Quality Act (CEQA) pursuant to Article 5 §15061 (b) (3) by the "General Rule" that CEQA applies only to projects that have a potential for causing a direct physical change in the environment, or a reasonably foreseeable indirect physical change in the environment. The proposed action does not authorize any specific construction; it is only a finding of consistency to the General Plan. Each project within the CIP must undergo environmental review before the project is carried out; and

WHEREAS, City staff has prepared the proposed FY 2025-2026 and 2026-2027 CIP and has provided the CIP for review by the Planning Commission.

NOW, THEREFORE, BE IT RESOLVED that the Planning Commission of the City of Lathrop based on substantial evidence in the administrative record of proceedings, its findings above and pursuant to its independent review and consideration, does hereby find that the proposed FY 2025-2026 and 2026-2027 Capital Improvement Program, as attached and incorporated as Attachment 2 of the Staff Report, is consistent with the adopted City of Lathrop General Plan.

PASSED AND ADOPTED by the Planning Commission of the City of Lathrop at a Regular Meeting on the 16th day of April, 2025 by the following vote:

AYES:

NOES:

ABSTAIN:

ABSENT:

Ash Ralmilay, Chair

ATTEST:

APPROVED AS TO FORM:

Rick Caguiat, Secretary



Salvador Navarrete, City Attorney

2025-2026 & 2026-2027 CIP PROJECT LIST	
General Government and Public Safety	
GG 22-02	Citywide Cathodic Protection Maintenance
GG 23-07	Public Transit Services
GG 23-11	Animal Center
GG 24-23	Historic Beautification
GG 24-28	Electric Vehicle Charging Stations
GG 25-02	East Lathrop Removal of Architectural Barriers
GG 26-01	Corporation Yard Improvements
GG 26-02	Citywide Fiber Optic Communication Improvements
GG 26-03	Citywide Surveillance System
GG 26-04	Installation of Camera Surveillance System for Major City Parks
GG 26-05	Broadband Infrastructure
GG 26-06	SCADA Integration and Maintenance
GG 26-07	Lathrop Police Department Radio Infrastructure
Parks & Recreation Improvements	
PK 22-05	Multi-Purpose Community Center Complex
PK 24-04	Mossdale Landing Park Splash Pad Renovation
PK 24-26	Eagles Landing Park
PK 25-01	Valverde Park Revitalization Project
PK 25-13	Sangalang Shade Park Shelter
Street Improvements	
PS 06-06	Louise Avenue and I-5 Improvements
PS 06-16	Lathrop Road & I-5 Improvements
PS 12-04	Manthey Road Bridge Replacement
PS 14-04	Harlan Road Precise Plan Line
PS 17-09	State Route 120 and Yosemite Avenue Interchange
PS 22-15	Citywide Engineering and Traffic Study
PS 23-01	City-wide Traffic Systems and Safety Upgrades
PS 24-05	FY 2023/24 Pavement Maintenance
PS 24-06	Pavement Maintenance and Repair Project/City Wide Slurry Seal
PS 24-30	Pedestrian Safety Enhancement
PS 25-05	Lathrop High School Pedestrian Hybrid Signal
PS 25-12	River Islands Parkway and Oberlin Avenue Traffic Signal
PS 25-14	Sidewalk and Landscape Improvements
PS 25-24	Stanford Crossing Extension
PS 26-08	Traffic Calming Measures FY 25/26
Water Improvements	
PW 20-16	Groundwater Treatment Improvements
PW 22-19	Integrated Water Resources Master Plan Updates
PW 22-36	Aquifer Storage and Recovery
PW 24-12	East Lathrop Water Main and Lateral Upgrades
PW 25-10	East Lathrop Water Distribution System Improvements

2025-2026 & 2026-2027 CIP PROJECT LIST	
Drainage Improvements	
SD 22-23	Citywide Storm Drain Pump Station Improvements
SD 24-13	Full Trash Capture Devices
SD 25-17	East Lathrop Stormwater Master Plan
Wastewater Improvements	
WW 22-24	Integrated Wastewater Resources Master Plan Update
WW 22-38	Consolidated Treatment Facility Phase 3 Expansion
WW 24-14	Sangalang Wastewater Lift Station Access Modifications
WW 25-23	McKinley Avenue Forcemain Intertie
WW 26-09	Wastewater Pump Station Access Modification and Upgrades
WW 26-10	Easy Ct/O St Gravity Main Replacement
WW 26-11	O Street Pump Station Upgrades
Recycled Water Improvements	
RW 23-02	Recycled Water Operations and Permitting
Future Capital Improvement Projects	
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PW 08-09	Well 21 Improvements
PW 24-10	Booster Pump Stations Chlorine Residual Control System
SD 08-07	Shilling Storm Water Pump Station & Force Main
WW 22-25	Stonebridge Gravity Main Replacement and Pump Station Upgrade
WW 22-26	Woodfield West Deficiency Project Alternative A
WW 24-15	Odor and FOG Control for Wastewater Pump Stations
Regulatory Compliance Programs	
GG 23-16	Backpack and Food Program
GG 23-17	Residential Landscape Improvements
GG 26-12	ADA Transition Plan Update
PS 26-13	Annual Striping Project
PW 26-14	Lead and Copper Rule Revisions
PW 26-15	Sustainable Groundwater Management Act Compliance
PW 26-16	Urban Water Management Plan
PW 25-19	Water Conservation/MWELO
SD 26-17	Phase II Small Municipal Separatate Storm Sewer System (MS4) Program
WW 26-18	Sanitary Sewer Overflow Reduction
WW 26-19	NPDES LCTF Compliance

Capital Improvement Project Plan

GG 22-02

Project Number:

GG 22-02

Department Responsible:

Public Works

Project Name:

Citywide Cathodic Protection Maintenance

Contact Number:

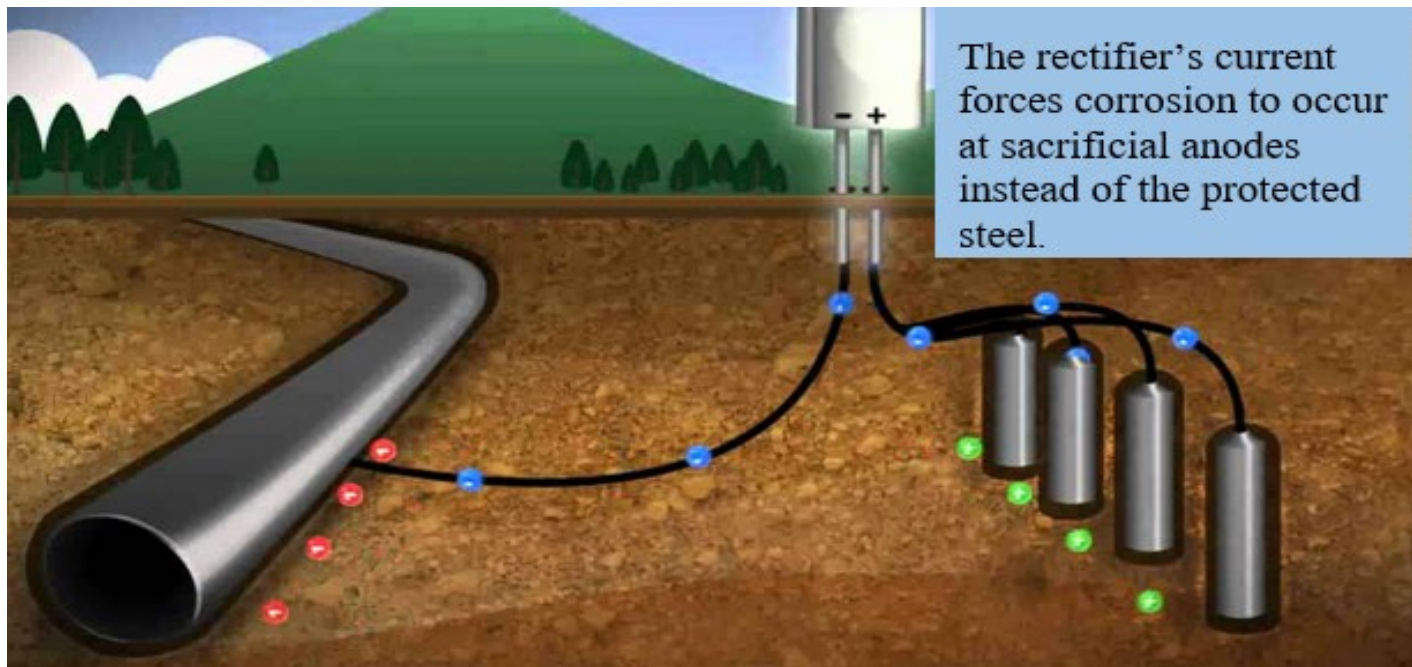
209-941-7430

Project Description:

The proposed project consists of testing existing Cathodic Protection (CP) systems at approximately 45 Citywide facilities such as storm drain, water, recycled water, waste water and communications conduits, and the replacement or upgrade of any CP systems for which test results indicate the provision of insufficient levels of corrosion prevention.

Justification:

Cathodic Protection is the connection of sacrificial pieces of metal (sometimes also involving the provision of electrical current) to ferrous metal components of City infrastructure in contact with soil or water for the purpose of inhibiting electrolytic corrosion (rusting). Infrastructure facilities with metal components in contact with soil or water are typically constructed with cathodic protection devices to reduce rusting; however, annual testing is essential to track the typical deterioration of these systems to ensure they are maintained or replaced as necessary to protect City Facilities. The metal components needing this protection are critical to the operation of many of the City's water, wastewater, recycled water, storm drain and communications facilities.



Capital Improvement Project Plan

GG 23-07

Project Number:

GG 23-07

Project Name:

Public Transit Services

Department Responsible:

Public Works

Contact Number:

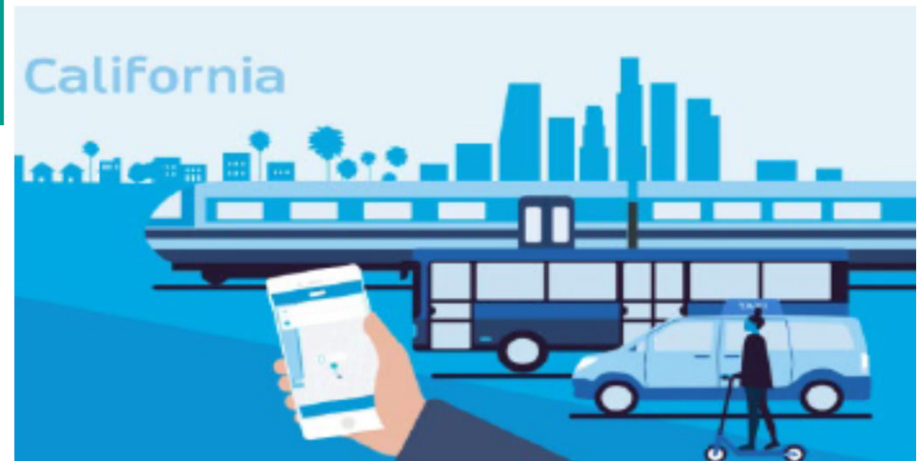
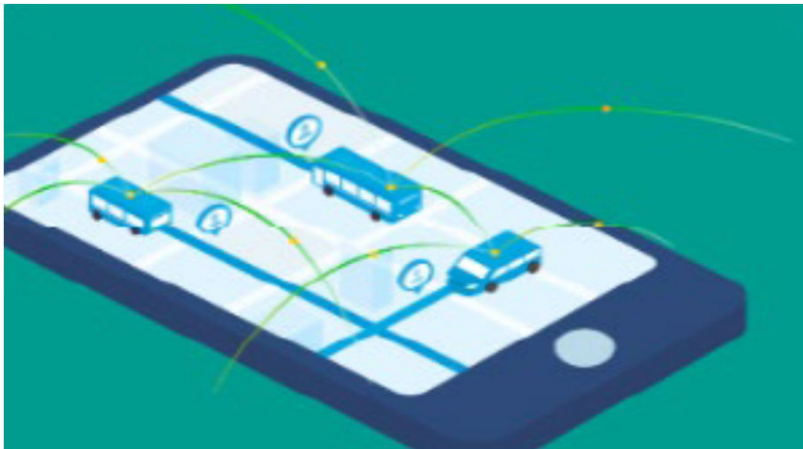
209-941-7430

Project Description:

The project will establish planning, development, and management of existing and future public transportation needs within the City. The project includes completion of a Community Needs Public Transit and Apportionment Study (Assessment Study) to analyze existing ridership and determine new service routes within the City. Upon approval of new transit routes, the project will construct improvements to new bus stops that may include pedestrian shelters, benches, concrete pads, and ADA enhancements.

Justification:

As the City continues to grow, the need for public transportation increases. To expand existing transit services within the City, an Assessment Study was conducted to analyze existing ridership and determine new service routes. This project will provide the necessary services.



Capital Improvement Project Plan

GG 23-11

Project Number:

GG 23-11

Project Name:

Animal Center

Department Responsible:

Public Works

Contact Number:

209-941-7430

Project Description:

The Animal Center will be located at the City-owned parcel South of Dos Reis Road and west of Stanford Crossing. The project will include the design and construction of a permanent animal shelter building, parking lot and driveways, concrete walkways, landscaping, and other associated improvements.

Justification:

The City of Lathrop is currently running its operation out of a temporary facility. The permanent animal shelter will house and care for healthy animals until they can be reunited with their owner, transferred to a rescue, or adopted into a new family.



Regulatory Compliance Program

GG 23-16

Project Number:

GG 23-16

Project Name:

Backpack Food Program

Department Responsible:

Parks, Recreation & Maintenance

Contact Number:

209-941-7420

Project Description:

Backpack Food Programs will offer families free groceries over weekends and school breaks. Food backpacks include healthy, easy-to-prepare food for kid-friendly meals.

Justification:

Free meals are provided at school to many kids in Lathrop, this program provides food for the weekends or extended breaks – when they don't have access to those school meals. The Backpack Food Program works with food banks and schools to provide students with pre-packed bags of healthy, easy-to-prepare food at the end of the week to help make sure they have enough to eat when school is not in session.



Regulatory Compliance Program

GG 23-17

Project Number:

GG 23-17

Project Name:

Residential Landscape Improvements

Department Responsible:

Finance

Contact Number:

209-941-7420

Project Description:

Council approved funds to setup and administer an income based grant/ stipend program for Lathrop residents to help them transition their yard landscaping to be drought resistant/ tolerant.

Justification:

The City of Lathrop will offer income qualified residential utility customers a grant/ stipend for removing water-inefficient landscaping with drought-tolerant landscaping. The grant program assists customers with reducing their overall water consumption. Please be advised that the grant is not available until after preapproval of the drought conversion project.



CAPITAL IMPROVEMENT PROJECT

GG 24-23

Project Number:

GG 24-23

Department Responsible:

Public Works

Project Name:

Historic Improvements

Contact Number:

209-941-7430

Project Description:

This project consists of the preparation of design standards and beautification elements for Historic Lathrop. Through this project two projects are programmed to be completed, first project we have named the Gateway Arches. This project will construct two arches one at 5th street and East Louise Avenue and the second arch will be constructed at 5th Street and Lathrop. The second project will construct a water fountain at Green Belt Park.

Justification:

Historic Lathrop, generally known as the area bounded by Lathrop Road on the north, Louise Avenue on the south, Harlan Road on the west and 7th Street on the east, predates the City's incorporation in 1989. Historic Lathrop does not have a specific plan with individual design standards and beautification elements.



CAPITAL IMPROVEMENT PROJECT

GG 24-28

Project Number:

GG 24-28

Department Responsible:

Public Works

Project Name:

Lathrop Electric Vehicle Charging Stations

Contact Number:

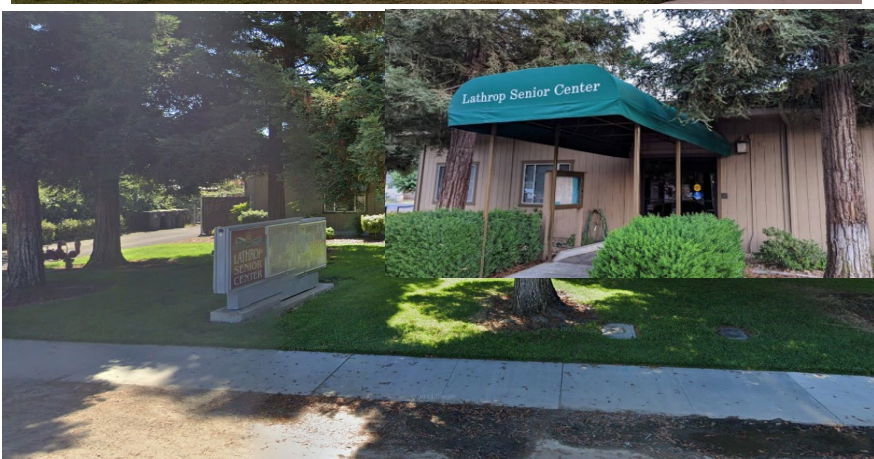
209-941-7430

Project Description:

The City applied and received federal funding to install (10) electric vehicle (EV) charging stations to support the reduction of transportation emissions. Power by solar energy, the proposed EV charging stations consist of standard (Level 2) and fast-charging (Level 3) charging units. Canopies with solar panels, street lighting, pavement resurfacing, signing, striping and other parking lot improvements will be constructed to accommodate the new EV charging stations.

Justification:

The Project will allow the city to support reduction of transportation emissions, and begin planning, design, and construction phases for the EV charging stations.



Capital Improvement Project Plan

GG 25-02

Project Number:

GG 25-02

Project Name:

East Lathrop Removal of Architectural Barriers

Department Responsible:

Public Works

Contact Number:

209-941-7430

Project Description:

Improvements will include enhancing accessibility and ensuring ADA compliance at East Lathrop community parks including Apolinar Sanglang Park, Woodfield Park, Valverde Park, Thomson Park, Armstrong Park, and Libby Park. The project scope consists of identifying and addressing architectural barriers that limit access to individuals with disabilities. Improvements will focus on repairing and replacing sidewalks with trip hazards or uneven surfaces, modifying public restroom entryways and facilities to meet ADA standards, and upgrading drinking fountains to ensure they are accessible to all users. Playgrounds will also be enhanced with accessible structures and compliant surfaces. Parking areas and pathways will be improved with compliant ADA curb ramps to ensure safe and independent access.

Justification:

The primary goal of this initiative is to remove physical barriers that hinder mobility, making the parks safer and more inclusive for individuals with disabilities, seniors, and families with young children. By implementing these necessary upgrades, the project will align with ADA Title II regulations and enhance the overall experience for park visitors while promoting equal access to public recreational spaces. Through these improvements, East Lathrop Parks will become more welcoming, inclusive, and compliant with federal accessibility standards, fostering a greater sense of community and usability for all residents and visitors.



Capital Improvement Project Plan

GG 26-01

Project Number:

GG 26-01

Project Name:

Corporation Yard Improvements

Department Responsible:

Public Works

Contact Number:

209-941-7430

Project Description:

This project entails the construction of a new Public Works Administration Building. It will involve the reconfiguration of outdoor material storage and parking, as well as the implementation of security upgrades. The project will also include the construction of a material handling site, storage racks, additional asphalt pavement, and improvements to the administration building site.

Justification:

The Corporation Yard requires enhancements to accommodate recent and anticipated growth, as well as to adhere to new regulatory standards outlined in the America's Water Infrastructure Act (AWIA).



Capital Improvement Project Plan

GG 26-01

Project Number:

GG 26-01

Project Name:

Corporation Yard Improvements

Department Responsible:

Public Works

Contact Number:

209-941-7430

Project Components & Estimated Timeline	Critical Date	Components	Descriptions
	Spring 2025	Complete CON - P&E Building	Construction of P&E Building finishes and Council accepts Improvements
	Winter 2026	Design of PW Admin Building	Concil awards design contract / Design
	Summer 2026	Complete Design / CON Bidding	CON Contract awarded, begin CON
	Winter 2027	Complete CON - PW Admin Building	Construction of PW Admin Building finishes and Council accepts Improvements

Source of Funds	Prior & Current Year Actual	Carry Forward FY 2024/25	2025/26 Recommended	2026/27 Recommended	2027/28 Planned	2028/29 Planned	2029/30 Planned	Total Allocations
City Services (2270) Xfr from GG 21-13	-	-	451,921	-	-	-	-	451,921
Total Revenues:	\$ -	\$ -	\$ 451,921	\$ -	\$ -	\$ -	\$ -	\$ 451,921

Use of Funds	Prior & Current Year Actual	Carry Forward FY 2024/25	2025/26 Recommended	2026/27 Recommended	2027/28 Planned	2028/29 Planned	2029/30 Planned	Total Allocations
City Services (2270)								
Project Management	-	-	-	-	-	-	-	-
Design and Engineering	-	-	-	-	-	-	-	-
Land Acquisition	-	-	-	-	-	-	-	-
Construction	-	-	-	-	-	-	-	-
Technology Equipment	-	-	451,921	-	-	-	-	451,921
Miscellaneous	-	-	-	-	-	-	-	-
Total City Services (2270)	\$ -	\$ -	\$ 451,921	\$ -	\$ -	\$ -	\$ -	\$ 451,921
Total Expenditures:	\$ -	\$ -	\$ 451,921	\$ -	\$ -	\$ -	\$ -	\$ 451,921

Capital Improvement Project Plan

GG26-02

Project Number:
GG26-02

Project Name:
Citywide Fiber Optic Improvements

Department Responsible:
Information Systems

Contact Number:
209-941-7430

Project Description:

The proposed project consists of connecting City Hall and the City Corporation Yard to existing and future City facilities via fiber optic lines installed in new and existing conduit runs.

Justification:

City facilities such as police, fire, pump stations, wells, security cameras, and traffic signals are essential to the daily management of City business, resources and security. The connection of these facilities to City Hall and the Corporation Yard via fiber optic lines will allow City staff to remotely communicate with and / or optimize the performance of each of these facilities. The control of these facilities from City Hall and the Corporation Yard via underground fiber optic lines will provide compliance with Department of Homeland Security (DHS) requirements, ensure reliable communication amongst City facilities and reduce City costs. Furthermore, the City will be able to lease future capacity in conduit runs installed as a function of this project to private communications entities, thereby partially offsetting the cost of installing and maintaining the fiber optic network



Capital Improvement Project Plan

GG 26-03

Project Number:

GG26-03

Project Name:

Citywide Surveillance System

Department Responsible:

Information Systems

Contact Number:

209-941-7340

Project Description:

The citywide surveillance system will encompass a combination of stationary and mobile surveillance equipment in an effort to utilize technology to enhance crime prevention and citizen safety. The system will use Automated License Plate Readers (ALPR) and cameras mounted on stationary locations and/or trailers to record video and license plate information. Stationary ALPR locations will include various entry points, including near highway entrances and other known roadways that are used to access the City.

Justification:

In accordance with the City's goal to ensure public safety, as set by the City Council, the Citywide Surveillance System project includes a combination of stationary and mobile surveillance equipment designed to deter, prevent, and enhance crime prevention measures. Policies will be established to ensure compliance with State laws and safekeeping of the system and the data collected.



Capital Improvement Project Plan

GG26-04

Project Number:

GG26-04

Project Name:

Installation of Camera Surveillance Systems for Major City Parks

Department Responsible:

Information Systems

Contact Number:

209-941-7340

Project Description:

Install surveillance camera system throughout major City parks (Mosssdale Park, William Moss Park, Woodfield Park, Generations Center, Park West, Woodfield Basin Park, Valverde Park, Sangalang Park) that will capture and record video imagery 24 hours a day that can be accessed to play back captured footage for a specific date and time. There are additional components needed in order to implement a camera system: a video storage device in order to remain in compliance with Lathrop's video retention policy, network infrastructure in order to be able to record video at a centralized site and additional staff to maintain and monitor the equipment and data.

Justification:

The installation of the surveillance camera systems will have the potential to assist in reducing crime and vandalism in various major parks to reduce costs for repairs and replacement of public infrastructure.



Capital Improvement Project Plan

GG26-05

Project Number:

GG26-05

Project Name:

Broadband Infrastructure

Department Responsible:

Information Systems

Contact Number:

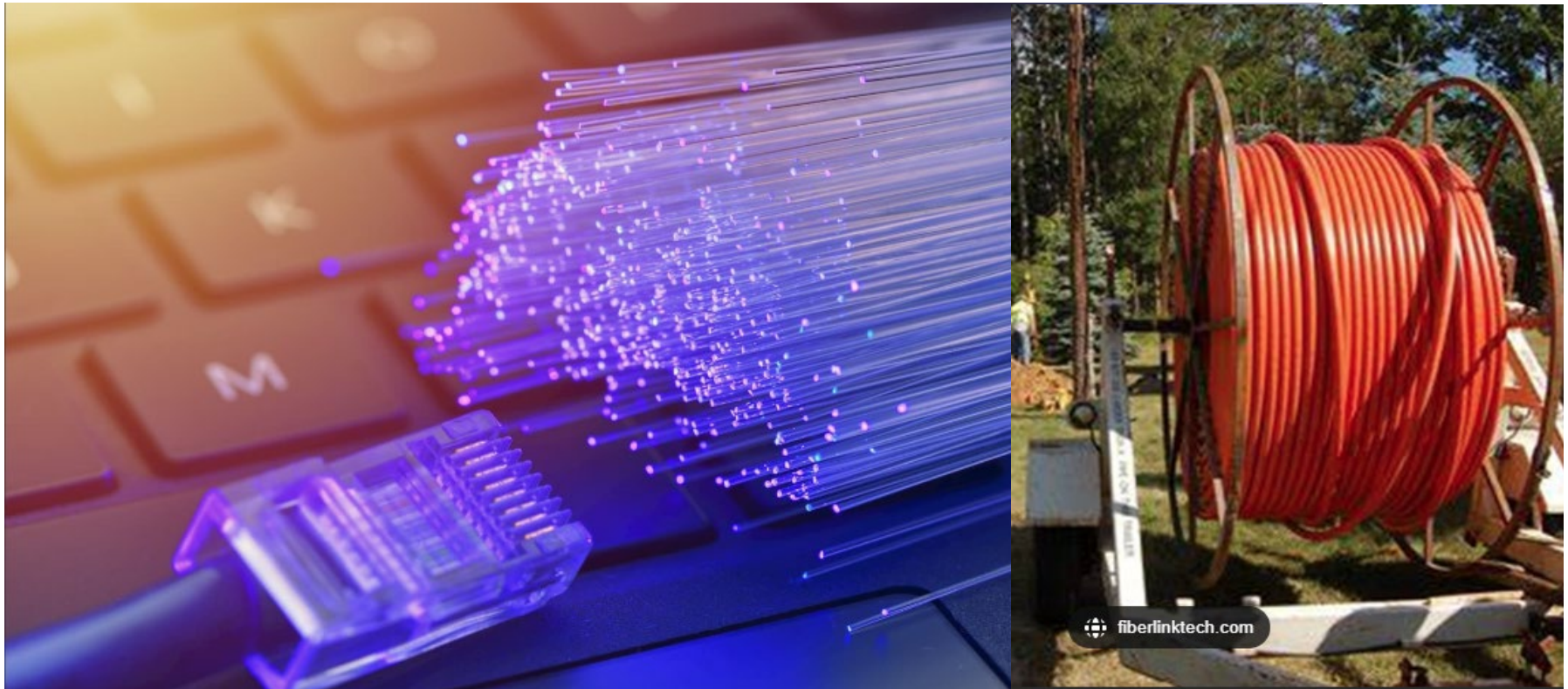
209-941-7430

Project Description:

The proposed project consists of installation of broadband infrastructure throughout the City.

Justification:

This project is funded through non-City funding to extend the City's broadband infrastructure throughout the entire City. The Information Systems Department seeks grants to fund expenses for this project.



Capital Improvement Project Plan

GG 26-06

Project Number:

GG 26-06

Project Name:

SCADA Integration and Maintenance

Department Responsible:

Public Works

Contact Number:

209-941-7430

Project Description:

The proposed project consists of ensuring the City's Supervisory Control and Data Acquisition (SCADA) System is properly maintained and existing historical site are brought into the City's network with current technology.

Justification:

The City's Supervisory Control and Data Acquisition (SCADA) System monitors and controls the City's common infrastructure in the following utility groups: Water system, Storm Water system, Wastewater system, and Recycled Water system equipment. The SCADA equipment provides real-time data, the ability to control these stations remotely and has played an integral part in the expansion of residential areas in Lathrop and the prevention of flooding throughout the City. These stations require maintenance, and the equipment requires replacement or upgrading on a routine basis to ensure proper functionality.

Capital Improvement Project Plan

GG26-07

Project Number:

GG26-07

Project Name:

Lathrop Police Department Radio Infrastructure

Department Responsible:

Information Systems

Contact Number:

209-941-7430

Project Description:

The proposed project consists upgrading the existing network and communication equipment for the Lathrop Police Department.

Justification:

To enhance the the Lathrop Police Department's radio communications infrastructure and equipment.



Regulatory Compliance Program

GG26-12

Project Number:

GG26-12

Project Name:

ADA Transition Plan Update

Department Responsible:

Public Works

Contact Number:

209-941-7430

Project Description:

The City is undertaking an ADA Barrier Removal Project to enhance accessibility in several City-owned buildings, including the Generations Center, Community Center, Senior Center, and Corporation Yard. The scope of work involves identifying and removing physical barriers that limit accessibility, ensuring compliance with the Americans with Disabilities Act (ADA) and related regulations.

The barriers identified for removal are based on findings from an ADA accessibility survey conducted by MIG. The project will focus on modifications such as doorway adjustments, pathway improvements, restroom upgrades, signage enhancements, and installation of accessible fixtures.

Justification:

The work will be completed in accordance with approved ADA transition plans and building codes to provide a safe and inclusive environment for all residents, visitors, and employees.



Capital Improvement Project Plan

PK22-05

Project Number:

PK22-05

Project Name:

Multi-Purpose Community Center Complex

Department Responsible:

Public Works

Contact Number:

209-941-7430

Project Description:

This project will cover property acquisition, design, permitting, and construction expenses of the Lathrop Community Center. Phase 1 of this project will focus on developing a comprehensive design concept for the center and determining the most effective approach to meeting the current needs of our community.

Justification:

The upcoming Community Center will serve as a versatile venue for a wide range of events and will feature state-of-the-art sports facilities, a dedicated teen center, elegant banquet halls, a spacious amphitheater, and a welcoming senior center. With the population of Lathrop steadily increasing, the existing Community Center frequently reaches full capacity, highlighting the urgent need for a new facility. The 2021 Parks and Recreation Master Plan recommends the construction of a new building or renovation of the community center in historic Lathrop. This initiative aims to meet the current recreational program needs of the community in an efficient and effective manner. After careful consideration, the City Council has selected a prime location adjacent to Lathrop High School in Central Lathrop for the construction of the new Community Center. Situated north of Spartan Way, south of Dos Reis Road, and east and west of Stanford Crossing, this site offers convenient access for residents and ensures the center will be a central hub for community activities.



CAPITAL IMPROVEMENT PROJECT

PK 24-03

Project Number:

PK 24-03

Project Name:

7th Street Park Design

Department Responsible:

Public Works

Contact Number:

209-941-7430

Project Description:

Conceptual Design for a park on 7th and L street to include (Pump Track , Garden, Water Grading, Ninja Warrior Course, Etc.)

Justification:

The City owns a vacant lot on 7th St. and L St and have deemed this empty lot as the appropriate recipient for a new park. The park will be conceptually designed to ensure environmental sustainability. The park will foster social interaction and provide accessible recreation for the city's residents and visitors.



CAPITAL IMPROVEMENT PROJECT

PK 24-04

Project Number:

PK 24-04

Department Responsible:

Public Works

Project Name:

Mossdale Landing Community Park Splash Pad Renovation

Contact Number:

209-941-7430

Project Description:

At Mossdale Landing Community Park, the existing play structure, splash pad and basketball court will be replaced and the baseball fields will be renovated.

Justification:

Mossdale Landing Community Park play structure, splash pad and basketball court has reached its end of life and the cost of repairs exceeds the benefits. The baseball fields need renovation to infill turf and level the fields.



CAPITAL IMPROVEMENT PROJECT

PK 24-26

Project Number:

PK 24-26

Project Name:

Eagle's Landing Park

Department Responsible:

Public Works

Contact Number:

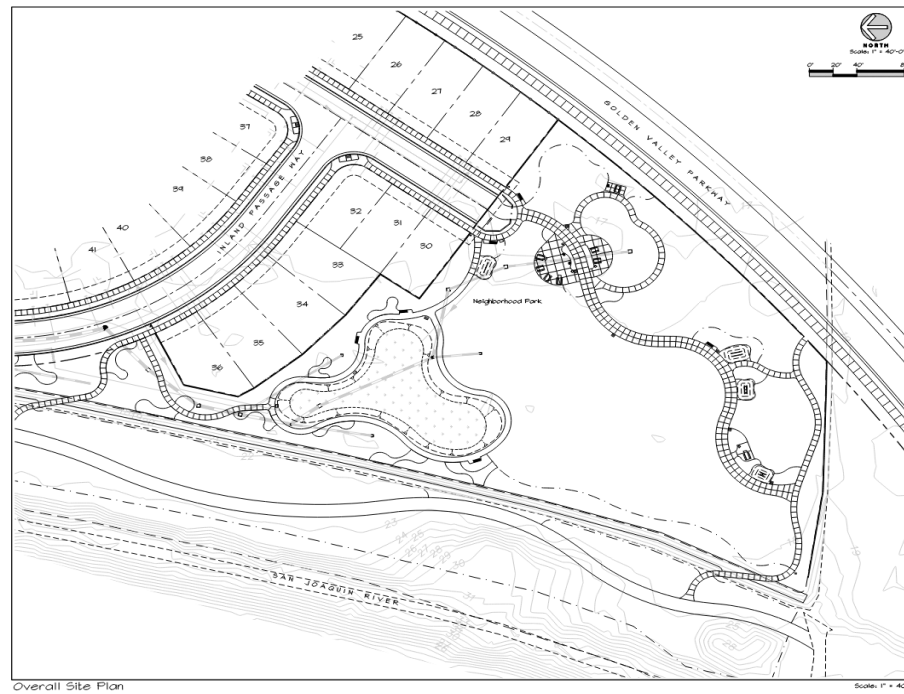
209-941-7430

Project Description:

The Mossdale Landing South Land Use Plan designates a park area that far exceeds D.R. Horton Bay Inc (DRH's) project requirement outlined in the City's General Plan. Given the variance in park area and cost considerations, DRH has proposed to construct the entire park with minimal features to mitigate additional costs. However, the City's preference is to adhere to its established park design standards. These standards prioritize key features like such as irrigated turf, rubberized play surfaces, enriched play structures, and thematic elements that mirror Lathrop's characteristic park offerings. Staff is requesting Council approve reimbursement for the amount beyond what DRH is required to pay to improve the Park.

Justification:

Staff recommends that Council approve a Reimbursement Agreement and a budget amendment transferring \$1,250,000 from the Culture & Leisure Capital Facility Fee to fund the excess costs of the proposed park enhancements to D.R. Horton Bay Inc since the designated park size in the Mossdale Landing South Land Use Plan is notably larger than the park size required for this specific developer project.



CAPITAL IMPROVEMENT PROJECT

PK 25-01

Project Number:

PK 25-01

Project Name:

Valverde Park Revitalization Project

Department Responsible:

Public Works

Contact Number:

209-941-7430

Project Description:

Valverde Park includes a new splash pad and renovation to the existing baseball fields.

Justification:

Valverde Park splash pad has reached its end of life and the cost of repairs exceeds the benefits. The baseball fields need renovation to infill turf and level the fields.



CAPITAL IMPROVEMENT PROJECT

PK 25-13

Project Number:

PK 25-13

Project Name:

Sangalang Park Shade Shelter

Department Responsible:

Public Works

Contact Number:

941-7430

Project Description:

This park project will include a shade shelter, amenities such as a drinking fountain, tables with benches, BBQ, trash cans, and a concrete pathway leading up to shade structure.

Justification:

Additional shading is needed at the park to accommodate the residents who gather and attend the park.



Capital Improvement Project Plan

PS 06-06

Project Number:

PS 06-06

Project Name:

Louise Ave & I-5 Improvements

Department Responsible:

Public Works

Contact Number:

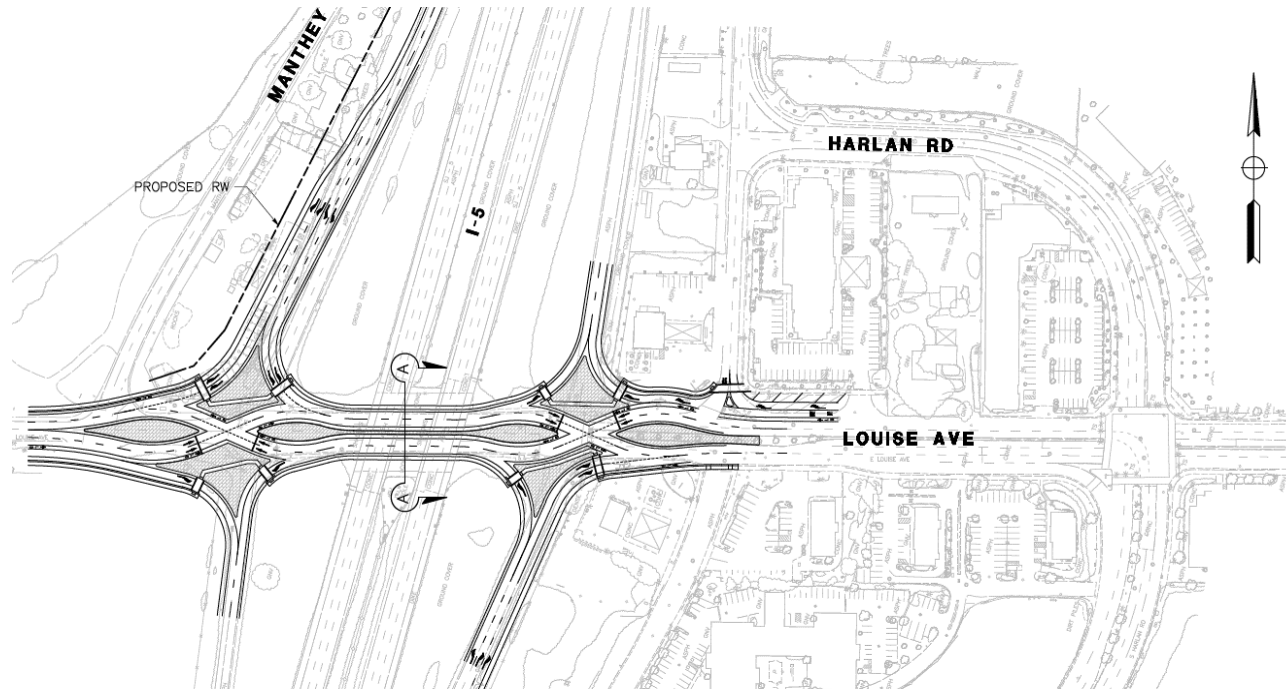
209-941-7430

Project Description:

This project consists of the design and construction of the Interstate 5 / Louise Ave interchange ultimate improvements. Staff is currently pursuing a Diverging Diamond Interchange (DDI) layout with Caltrans. The DDI will accommodate traffic needs while reducing construction costs and right of way acquisitions. The project phases include Project Approval and Environmental Document (PA&ED), right of way acquisition, design and construction phases.

Justification:

Recent and planned development in the area require that improvements be made to the Interstate 5 / Louise Ave interchange. This interchange serves residential, commercial, and industrial development on both sides of Interstate 5, including Mossdale, Central Lathrop, River Islands, and Crossroads. Improvements to the interchange would provide enhanced traffic operations, air quality benefits, increased goods movement, improved safety and better pedestrian and bicycle mobility.



Capital Improvement Project Plan

PS 06-16

Project Number:

PS 06-16

Project Name:

Lathrop Road & I-5 Improvements

Department Responsible:

Public Works

Contact Number:

209-941-7430

Project Description:

Improve the Lathrop Road and I-5 Interchange. The interchange will need to be built new ramps with signalized intersections, auxiliary lanes, and retaining walls to accommodate the roadway widening.

Justification:

Lathrop Road is an east-west corridor that provides access from Interstate 5 (I-5) east to the State Route 99 and west to Central Lathrop via Spartan Way. The enhancement to the interchange operations will provide a continuous sidewalk on the north side of Lathrop Road connecting with Lathrop High School. The PID phase is needed to develop initial traffic studies, evaluate interchange design alternatives, and conduct a preliminary level environmental analysis for the Project. The PID will enable the collaboration between the City and Caltrans towards the completion of the PSD-PDS that establishes a well-defined purpose, need statement, proposed project scope, cost estimate and schedule of the Project.



Capital Improvement Project Plan

PS 12-04

Project Number:
PS 12-04

Project Name:
Manthey Road Bridge Replacement

Department Responsible:
Public Works

Contact Number:
209-941-7430

Project Description:

The project will replace the existing bridge over the San Joaquin River with a new two lane bridge wide enough to accommodate shoulders, bike lane and sidewalks. The replacement bridge will be located in the existing Golden Valley Parkway alignment, approximately 1,000 feet downstream of the current location. The project costs are largely funded through the FHWA Federal Highway Bridge Program (HBP). In 2013, the City was approved for tapered match with allows the City's local match portion (11.47%) to be deferred until later in the project. Currently the project is completing the Environmental phase and starting the Design phase.

Justification:

Built in 1926, Manthey Bridge has been identified as functionally obsolete and structurally deficient with a bridge sufficiency rating of 7.1 out of 100. As a result, funds have been allocated from the Federal Highway Bridge Program (HBP) to replace the existing bridge.

PS 12-04 Manthey Bridge Replacement



Capital Improvement Project Plan

PS 14-04

Project Number:
PS 14-04

Project Name:
Harlan Road Realignment at Roth Road Project

Department Responsible:
Public Works

Contact Number:
209-941-7430

Project Description:

The project will design and construct the realignment of Harlan Road at Roth Road. The design phase will consist of environmental compliance with the California Environmental Quality Act (CEQA), adoption of a precise plan line for Harlan Road, right of way acquisitions, and preparation of improvement plans including a new storm drain main along the project realignment. The construction phase of the roadway improvements will be split into two stages. The first stage being portions of Harlan Road south of Roth Road including intersection signalization and the second being portions of Harlan Road north of Roth Road.

Justification:

Proposed development projects within San Joaquin County, the City of Manteca and the City of Lathrop will cause the Interstate 5 / Roth Road interchange to operate at an unacceptable level of service. Prior to making any improvements to the interchange, Caltrans requires that the intersection of Harlan Road and Roth Road be relocated approximately 600 feet to the east. Relocation of the intersection and subsequent realignment of Harlan Road will allow the interchange improvements to move forward and will improve traffic operations in the area.



Harlan Rd at Roth Rd Intersection

Capital Improvement Project Plan

PS 17-09

Project Number:

PS 17-09

Project Name:

State Route 120 and Yosemite Avenue Interchange Project

Department Responsible:

Public Works

Contact Number:

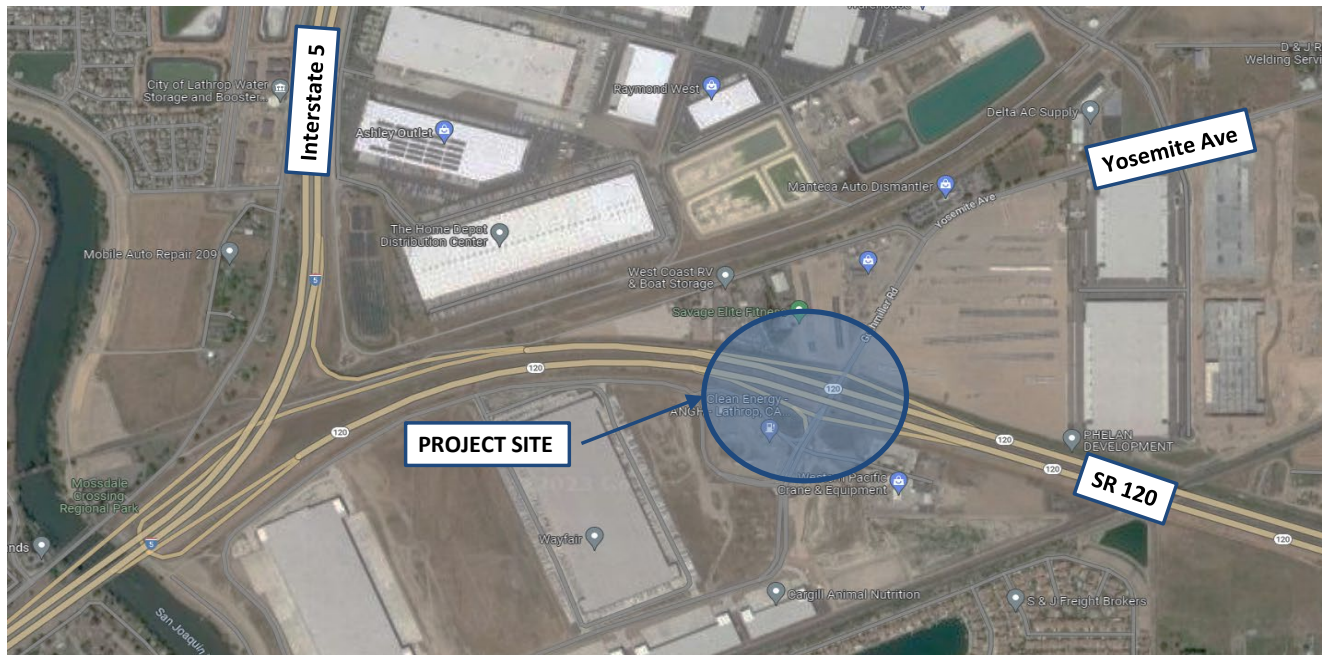
209-941-7430

Project Description:

The project will construct the ultimate interchange improvements at SR 120 / Yosemite Ave. A Project Study Report – Project Development Support (PSR-PDS) project initiation document (PID) has been prepared that establishes the purpose-and-need, scope, and schedule of the project. The project is currently at Project Approval and Environmental Documentation (PA&ED) phase followed by design, right-of-way acquisition and construction.

Justification:

Improvements are needed at the SR 120 / Yosemite Avenue Interchange to accommodate recent and planned development in the area. Improvements to the interchange will allow it to operate at an acceptable level of service for the planned traffic volumes.



Capital Improvement Project Plan

PS 22-15

Project Number:

PS 22-15

Project Name:

Citywide Engineering and Traffic Survey

Department Responsible:

Public Works

Contact Number:

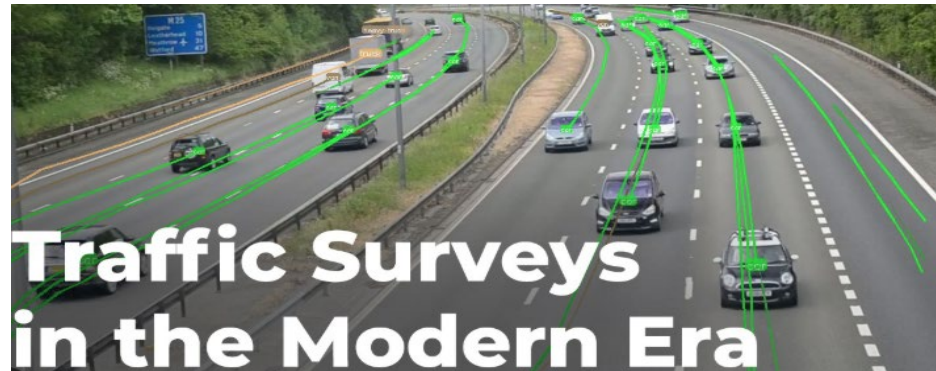
209-941-7430

Project Description:

The project will involve performing 30-40 Engineering and Traffic Surveys (E&TS), commonly referred to as speed surveys, for the purpose of establishing legally enforceable speed limits on City roadways. The speed surveys will be conducted by a licensed traffic engineering firm. Once completed, any speed limit modifications or additions would be considered by Council for inclusion in the Lathrop Municipal Code. The final step would be to modify speed limit striping or signage in the field.

Justification:

California Vehicle Code (Sections 40800-40808) requires public agencies to prepare speed surveys for the purpose of establishing a legally enforceable speed limit. Speed surveys are typically valid for 5 years on existing roadways and are required on newly constructed roadways or on roadways that have been significantly altered. Speed surveys are set to expire at various locations within the City and new speed surveys are required on recently constructed or improved roadways.



Capital Improvement Project Plan

PS 23-01

Project Number:

PS 23-01

Project Name:

City-wide Traffic Systems and Safety Upgrades

Department Responsible:

Public Works

Contact Number:

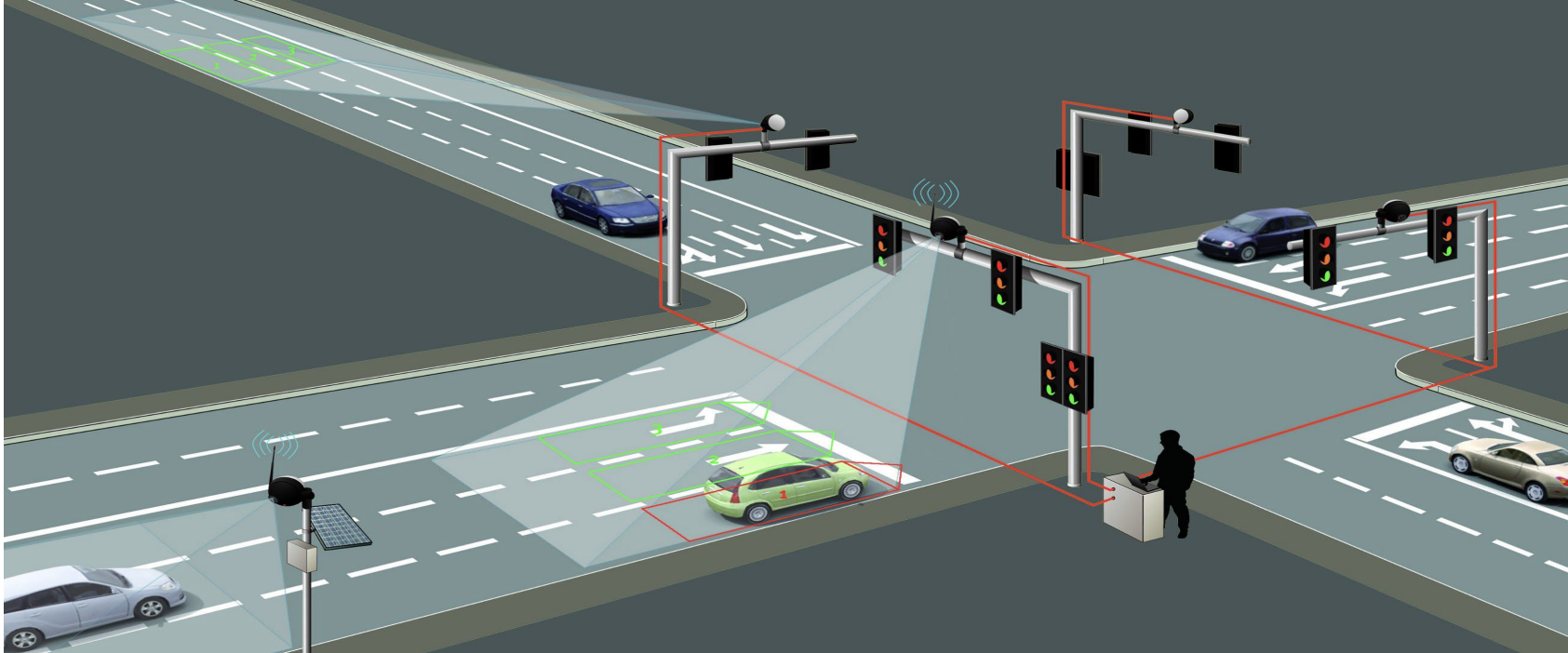
209-941-7430

Project Description:

Upgrades will include the replacement of obsolete traffic controllers, installation of video & radar detection systems, communication upgrades, and safety upgrades including guard rails, signs, striping and bicycle facilities.

Justification:

Upgrades to the traffic control systems are needed to maintain the reliability and safety of our traffic signals and traffic control devices.



Capital Improvement Project Plan

PS 24-05

Project Number:

PS 24-05

Project Name:

FY 2023/24 Pavement Maintenance

Department Responsible:

Public Works

Contact Number:

209-941-7430

Project Description:

The project consists of rehabilitating existing pavement and installing new striping for the neighborhood and collector roads. Exact locations will be determined utilizing the City's Pavement Management System and field observations.

Justification:

The neighborhood and collector roads have numerous cracks and are in need of rehabilitation.



Capital Improvement Project Plan

PS 24-06

Project Number:

PS 24-06

Project Name:

Citywide Slurry Seal

Department Responsible:

Public Works

Contact Number:

209-941-7430

Project Description:

The project consists of microsurfacing and re-stripping various roadways. The streets to be included are east of 5th Street from Louise Avenue to Lathrop Road. Other locations may be added, funding permitted and will be determined utilizing the City's Pavement Management System.

Justification:

The project will use funding from the Road Maintenance and Rehabilitation Act (RMRA) towards pavement maintenance and rehabilitation of the SB1 FY 2023/24 Project List. Microsurfacing a roadway will protect the pavement from oxidation and raveling, provide skid resistance, and stop moisture intrusion into the asphalt pavement, while minimizing disruptions to the traveling public with its quick construction times. Microsurfacing is a cost effective way to extend a roadway's service life and improve safety.



CAPITAL IMPROVEMENT PROJECT

PS 24-30

Project Number:

PS 24-30

Project Name:

Pedestrian Safety Enhancement

Department Responsible:

Public Works

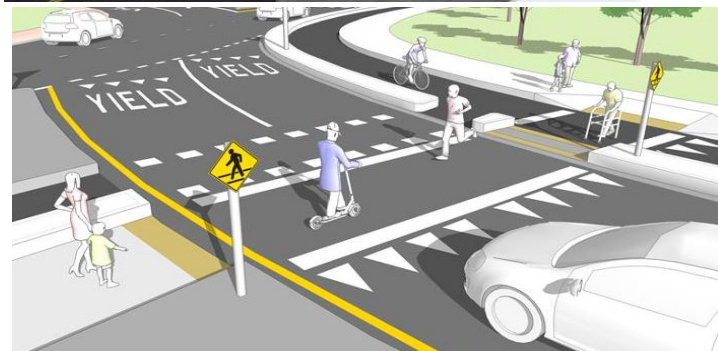
Contact Number:

Project Description:

This project will enhance measures and strategies to implement improvement of the safety of people walking, such as installing high-visibility crosswalks, improving lighting, and promoting driver awareness, ultimately reducing pedestrian accidents and injuries.

Justification:

Pedestrian safety enhancement projects are created to reduce the risk of injury or death for pedestrians and make communities more walkable and accessible by implementing measures like improved crosswalks, lighting, and signage.



CAPITAL IMPROVEMENT PROJECT

PS 25-05

Project Number:

PS 25-05

Department Responsible:

Public Works

Project Name:

Lathrop High School Pedestrian Hybrid Signal

Contact Number:

Project Description:

Remove existing stop sign and install a Pedestrian Hybrid Signal.

Justification:

The pedestrian hybrid beacon (PHB) is a traffic control device designed to help pedestrians safely cross higher-speed roadways at midblock crossings and uncontrolled intersections. The Project is needed to provide a safe school route for LHS students and mitigate traffic on Spartan Way. The new Pedestrian hybrid signal will increase pedestrian safety for Students of Lathrop High School (LHS) to cross north/south through this intersection to access the school.



CAPITAL IMPROVEMENT PROJECT

PS 25-12

Project Number:

PS 25-12

Department Responsible:

Public Works

Project Name:

River Islands Parkway & Oberlin Avenue Traffic Signal

Contact Number:

Project Description:

Remove Stop Sign and install a Traffic Signal at River Islands Parkway and Oberlin Avenue Traffic Signal.

Justification:

To regulate and manage traffic flow, prioritize right-of-way at the intersection and ultimately enhance safety for both drivers and pedestrians. Traffic signals help organize the movement of vehicles and pedestrians by assigning specific times for either to proceed, thus preventing collisions and improving flow.



CAPITAL IMPROVEMENT PROJECT

PS 25-14

Project Number:

PS 25-14

Department Responsible:

Public Works

Project Name:

Sidewalk and Landscape Improvements, Phase I

Contact Number:

(209) 941-7430

Project Description:

This project aims to address the issue of lifted sidewalks that have become a tripping hazard in the Stonebridge Community. The removal and replacement of the affected sidewalks is crucial to ensure the safety of residents. Additionally, the existing evasive landscape will be replaced with minimal non-evasive landscape and irrigation lines to prevent future occurrences. This phase of the project could be the first of several planned phases, depending on the availability of funding.

Justification:

The presence of tripping hazards, broken irrigation lines, and dead landscaping within the Stonebridge Community has been identified as a significant safety and maintenance concern. Addressing these issues will not only enhance the overall appearance of the community but also ensure the safety and well-being of its residents. Implementing improvements in these areas is crucial for the continued success and sustainability of the community.



CAPITAL IMPROVEMENT PROJECT

PS 25-24

Project Number:
PS 25-24

Project Name:
Stanford Crossing Extension

Department Responsible:
Public Works

Contact Number:
209-941-7440

Project Description:

The extension of Stanford Crossing and widening of Dos Reis Road will accommodate the construction of future projects. Stanford Crossing will be constructed from the point where it currently ends near the existing water tank to Dos Reis Road, which is approximately 1,500 feet in length and an additional 650 feet of road widening on the south side of Dos Reis Road.

Justification:

The extension of Stanford Crossing to the north of the existing end to continue the corridor to Dos Reis Road and the widening of Dos Reis Road will provide access to all new future construction and development.



Capital Improvement Project Plan

PS26-08

Project Number:
PS26-08

Project Name:
Traffic Calming Measures FY 25/26

Department Responsible:
Public Works / Angel Abarca

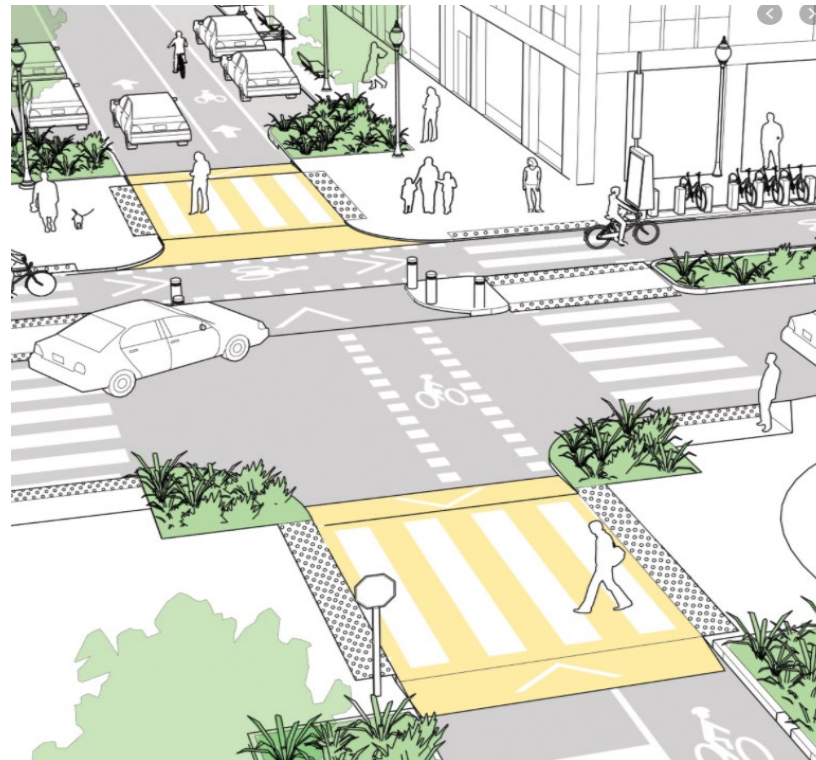
Contact Number:
209-941-7430

Project Description:

The project will mitigate citywide traffic concerns through signing, striping, and the implementation of the City's adopted Traffic Calming Program. These concerns include limited sight distance, on-street parking, pedestrian and bicyclist safety, right-of-way control, high incidence of accidents, excessive vehicle volumes and speeding.

Justification:

The City periodically receives public concerns regarding excessive vehicle speeding and cut-through traffic on neighborhood streets. Motorists faced with a congested arterial route may choose to use non-arterial streets through neighborhoods. This consequently leads to an increase in demand from residents for traffic calming measures to be assessed and mitigate the subsequent traffic problems through signing and striping.



Regulatory Compliance Program

PS26-13

Project Number:
PS26-13

Project Name:
Annual Striping Project

Department Responsible:
Public Works

Contact Number:
209-941-7430

Project Description:

Annual Striping Project provides maintenance of pavement markings to maintain optimum conditions. The scope of work includes remove and refresh thermoplastic and paint markings at various locations throughout the City of Lathrop.

Justification:

The City is responsible for maintaining pavement markings and striping conditions in compliance with Caltrans Standards within the public right-of-way.



Capital Improvement Project

PW 08-09

Project Number:

PW 08-09

Project Name:

Well 21 Improvements

Department Responsible:

Public Works / Greg Gibson

Contact Number:

209-941-7430

Project Description:

Currently Well 21 is not in service due to contaminant levels that exceed the California drinking water standards. The proposed project would evaluate treatment options for the contaminants and install any necessary equipment to bring Well 21 into service. The project would also look at the installation of a planned tank and booster pump station at the site to increase water service reliability for proposed development in the area.

Justification:

The current water quality at Well 21 is lower than originally anticipated when the Well was located and designed. In addition, the State of California is regulating contaminants that were previously unregulated when the Well was located and designed; however, the State has not yet set clear guidelines on the Maximum Contaminant Levels (MCLs). The State anticipates issuing new MCLs sometime in 2022. At that time staff will further evaluate treatment options and the need to install any additional infrastructure to support proposed development.



Capital Improvement Project Plan

PW 20-16

Project Number:

PW 20-16

Project Name:

Groundwater Treatment Improvements

Department Responsible:

Public Works

Contact Number:

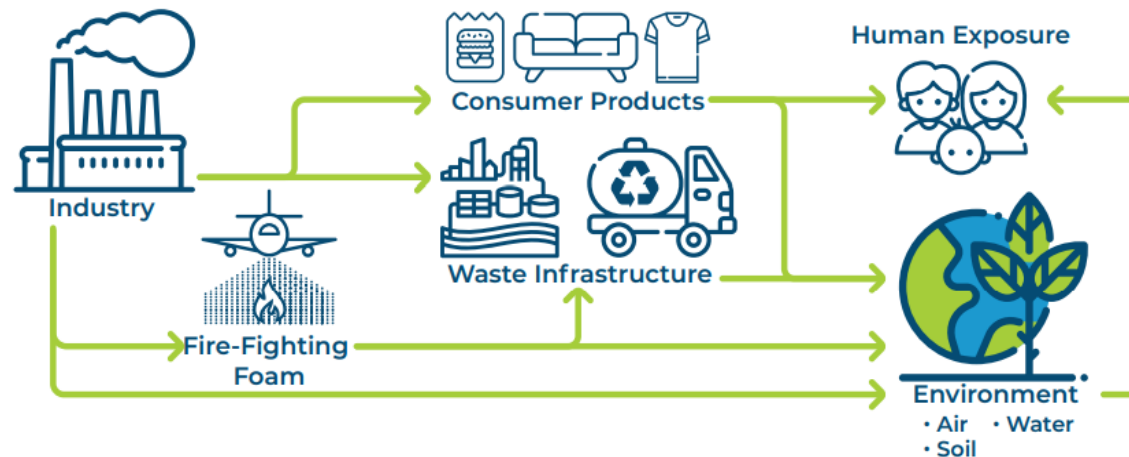
209-941-7430

Project Description:

The project will assess the presence of per- and polyfluoroalkyl substances (PFAS) in the City's groundwater supply and determine the best strategy address this substance.

Justification:

PFAS are a group of man-made chemicals used for fire-fighting foam, food packaging, stain and water-repellent and non-stick commercial products since the 1940s. PFAS are very persistent in the environment and in the human body – meaning they don't break down and they can accumulate over time. Over the past few years, California has been increasing regulatory requirements associated with the use of groundwater containing PFAS. This project is needed to address the presence of PFAS and other constituents of concern that have been detected in the City's groundwater supply.



Capital Improvement Project

PW 22-19

Project Number:

PW 22-19

Department Responsible:

Public Works

Project Name:

Integrated Water Resources Master Plan Update (Water)

Contact Number:

209-941-7430

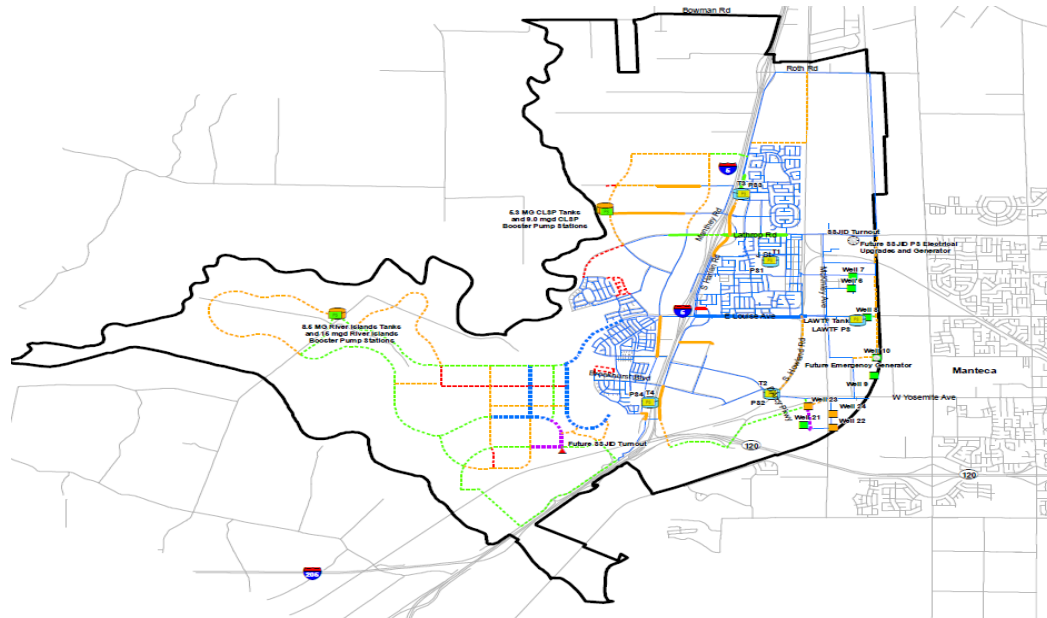
Project Description:

Updates to the City's Water, Wastewater and Recycled Water Master Plans are needed for compliance with legislation, to condition development and ensure public health and safety through effective planning and management of the City's water, wastewater and recycled water systems. Collectively these documents are referred to as the Integrated Water Resources Master Plan (IWRMP). The IWRMP needs to be updated to address changes in regulatory requirements, population and growth projections, proposed land use, climate change and other factors. The IWRMP is used to plan future capital improvement projects and serves as the basis for regulatory compliance documents. The IWRMP serves as the planning document used to provide water infrastructure needed for the City to develop according to its General Plan, and for the environmental determination to meet California Environmental Quality Act requirements.

Justification:

The IWRMP is a living document that needs to be updated periodically to plan and budget for water, wastewater and recycled water infrastructure capital improvement projects, equipment replacement plans, and inform development approval processes, water & sewer rate studies and CFF updates.

City of Lathrop Integrated Water Resources Master Plan (Water)



Capital Improvement Project Plan

PW 22-36

Project Number:

PW 22-36

Project Name:

Aquifer Storage and Recovery

Department Responsible:

Public Works

Contact Number:

209-941-7430

Project Description:

This drought resiliency project consists of the design, construction and commissioning of an Aquifer Storage and Recovery (ASR) well and above-grade appurtenances to store excess treated water from SSJID during normal and wet years in the lower aquifer so it is available for extraction and distribution during peak months and/or during drought years.

Justification:

Aquifer Storage and Recovery would allow for greatly improved reliability of the City's water supplies by pumping and storing surface water purchased from the South San Joaquin Irrigation District during wet seasons into the ground for subsequent recovery and use during dry seasons, times of drought, or water supply shortage.



CAPITAL PROJECT IMPROVEMENTS

PW 24-10

Project Number:

PW 24-10

Project Name:

Booster Pump Stations Chlorine Residual Control Systems

Department Responsible:

Public Works

Contact Number:

209-941-7430

Project Description:

This project provides an intelligent chlorine disinfectant boosting system that gives operators the ability to set and control residual levels in the City's water storage tanks and booster pump stations.

Justification:

This improves public safety to improve managing chlorine residuals in the City's water storage tanks and booster pump stations. The Residual Control Systems automatically analyze tank residuals and maintain a setpoint chlorine residual utilizing onsite chemical pumps to dose the tank water. This automated process eliminates the need for operators to physically climb tanks and pour sodium hypochlorite into the hatch in order to raise the chlorine residual. This process also reduces man hours as tank climbing is a two man operation at a minimum.

Capital Improvement Project Plan

PW 24-12

Project Number:

PW 24-12

Project Name:

East Lathrop - Water Main and Lateral Upgrades

Department Responsible:

Public Works

Contact Number:

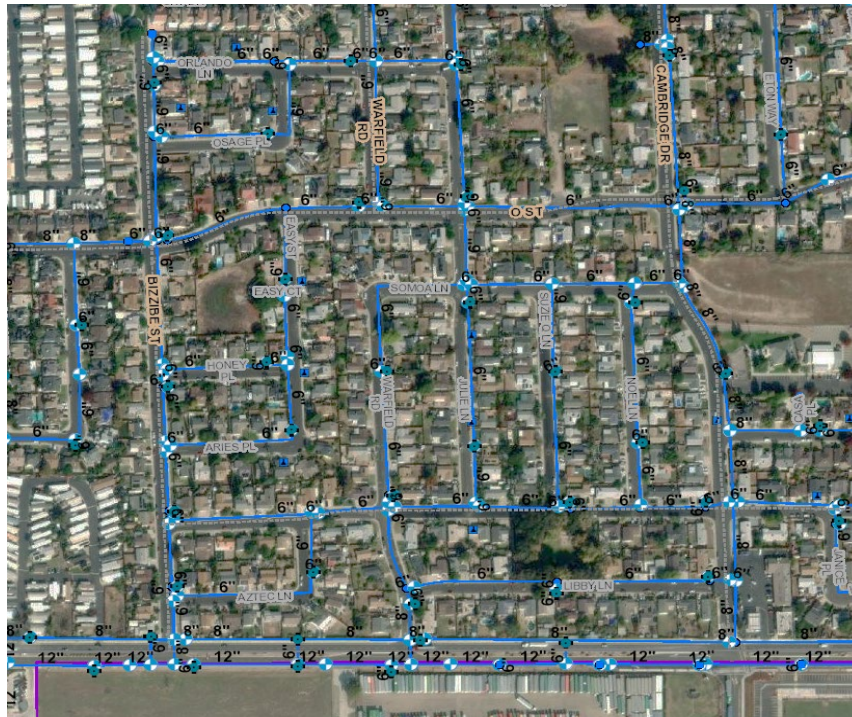
209-941-7430

Project Description:

The project will upgrade the existing 6" water mains and laterals at the neighborhood bounded by Louise Avenue, Bizzibe Street, Cambridge Drive, and O Street. Water meters, valves, and fire hydrants will also be installed.

Justification:

The water system in this area consists of old transite pipe that will need to be upgraded to current City Standards to prevent water main and lateral service failures. The transite mains are brittle and located in the front yards of homes making locating the mains and repairs difficult.



CAPITAL IMPROVEMENT PROJECT

PW 25-10

Project Number:

PW 25-10

Department Responsible:

Public Works

Project Name:

East Lathrop Water Distribution System Improvements

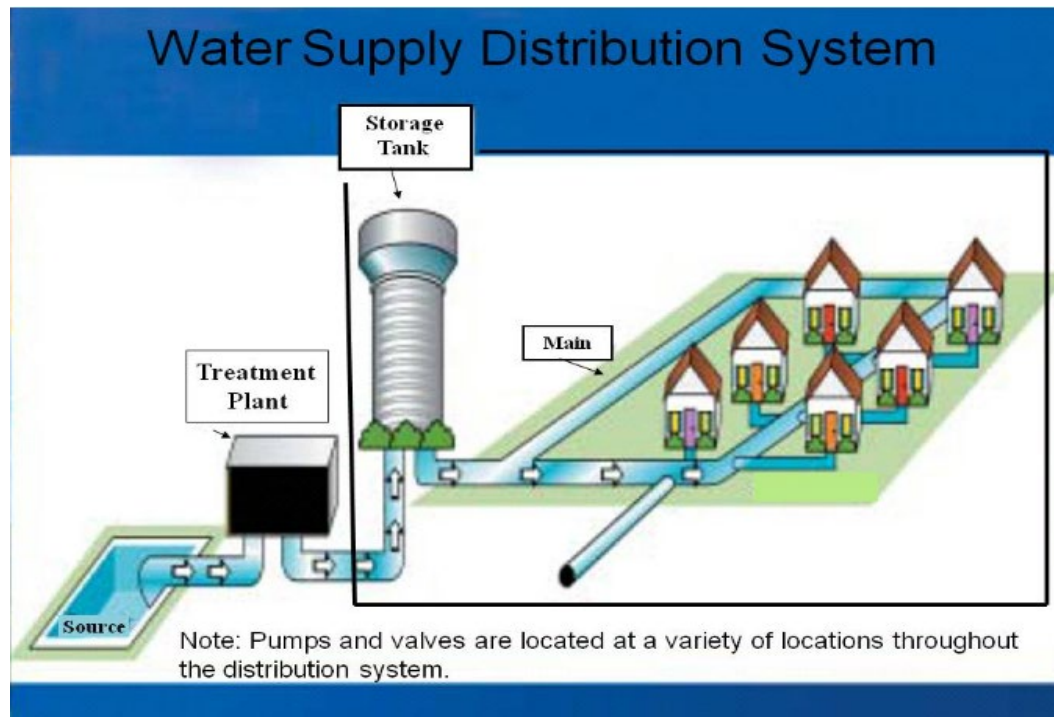
Contact Number:

Project Description:

Staff requests City Council to create Capital Improvement Project (CIP) PW 25-10 East Lathrop Water Distribution System Improvements to upgrade designated portions of the water distribution system as recommended in the City's draft Water System Master Plan (WSMP) update to improve fire flows and meet City Standards.

Justification:

CIP PW 25-10 East Lathrop Water Distribution System Improvements is needed to upgrade designated portions the water distribution system as recommended in the City's draft WSMP update to address fire protection deficiencies and improve the water system to be more efficient, reliable and resilient.



Regulatory Compliance Program

PW 25-19

Project Number:

PW 25-19

Project Name:

Water Conservation/MWELO

Department Responsible:

Public Works

Contact Number:

(209) 941-7430

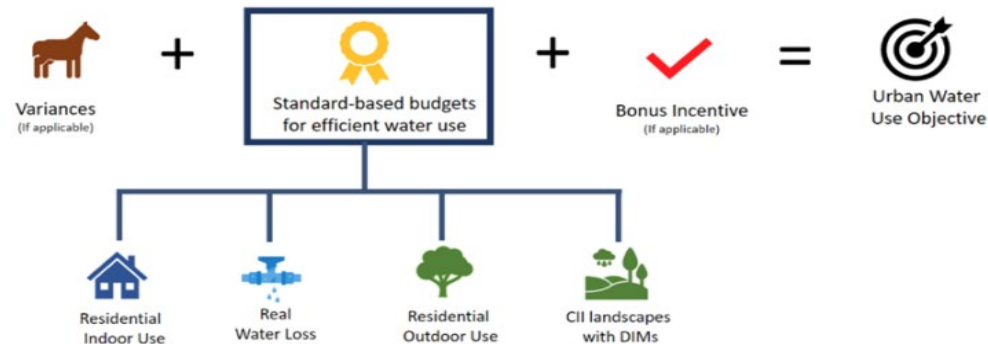
Project Description:

Making Conservation a California Way of Life is a new regulatory framework that establishes individualized efficiency goals for each Urban Retail Water Supplier. The regulations require suppliers to annually calculate their objective, which is the sum of efficiency budgets for a subset of urban water uses: residential indoor water use, residential outdoor water use, real water loss and commercial, industrial and institutional landscapes with dedicated irrigation meters.

Justification:

Achieving these water efficiency goals are expected to reduce urban water use, helping California adapt to the water supply impacts brought on by climate change. The Model Water Efficiency Landscape Ordinance (MWELO) requires mandatory reporting and efficiency standards for landscape projects.

Urban Water Use Objective Calculation:



Regulatory Compliance Program

PW26-14

Project Number:

PW26-14

Project Name:

Lead and Copper Rule Revisions

Department Responsible:

Public Works

Contact Number:

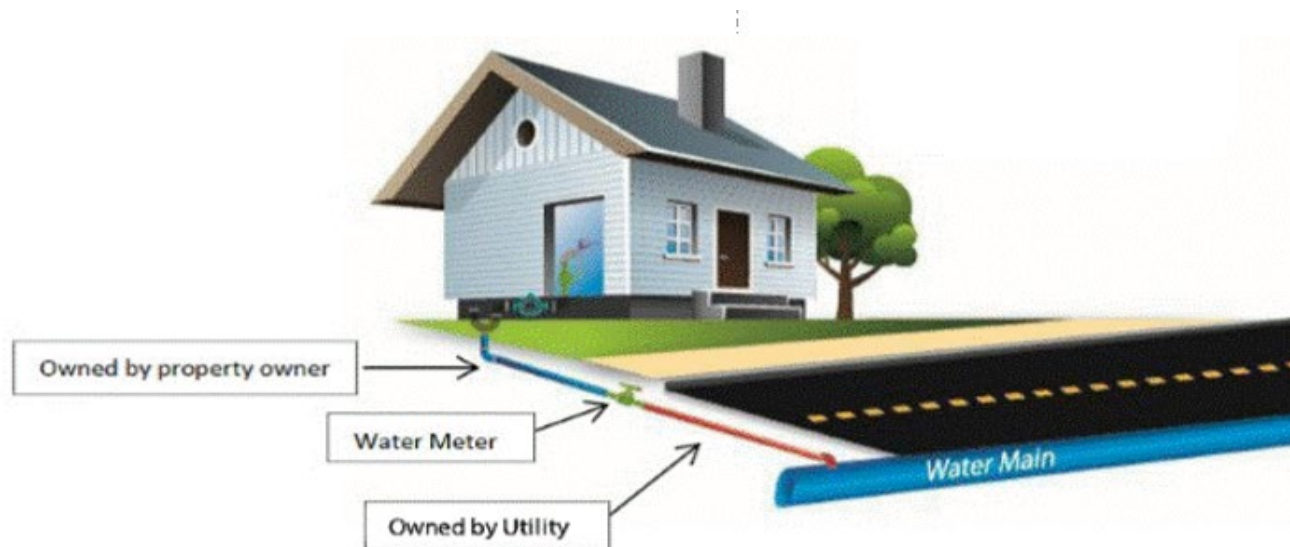
209-941-7430

Project Description:

In January of 2021, the United States Environmental Protection Agency (EPA) finalized the first major update to the Lead and Copper Rule in nearly 30 years in order to better protect communities and children in elementary schools and childcare facilities from the risks of lead exposure. Under the EPA's Lead and Copper Rule Revisions (LCRR), water systems (including the City) will be required to conduct an inventory and determine the material of all water service lines and fittings, regardless of ownership, by January 16, 2024. Water service lines are the pipe, tubing and fittings connecting the water main to an individual water meter or service connection. The inventory needs to include both the portion of the service line between the water main and the meter owned by the utility, and the portion between the meter and building inlet, which is typically owned by the property owner.

Justification:

This program is needed for compliance with the Lead and Copper Rule Revisions, and to protect communities from the risks of lead exposure.



Regulatory Compliance Program

PW26-15

Project Number:

PW26-15

Project Name:

Sustainable Groundwater Management Act Compliance

Department Responsible:

Public Works

Contact Number:

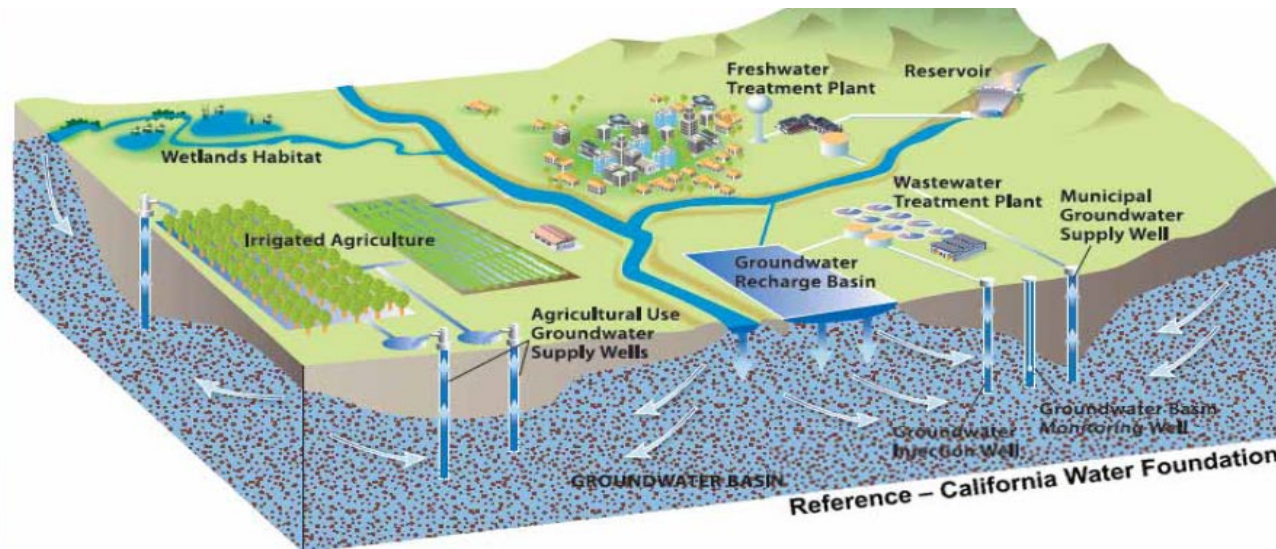
209-941-7430

Project Description:

The Sustainable Groundwater Management Act was signed into law in 2014 to provide a framework for sustainable, local groundwater management in California. The legislation requires local water agencies to form a Groundwater Sustainability Agency (GSA) and to develop Groundwater Sustainability Plans (GSPs) that are submitted to the State and reviewed for adequacy. In February 2019, DWR approved a basin boundary modification to relocate the City entirely within the Tracy Sub-basin, which is designated a medium priority basin. The City coordinates with five other GSAs for implementation of the Tracy Sub-basin GSP that was adopted and submitted to DWR in January, 2022.

Justification:

The Sustainable Groundwater Management Act was enacted by the State to empower local agencies to achieve sustainable groundwater management. If the City does not adequately achieve compliance within the required schedule, intervention by the State may occur.



The Sustainable Groundwater Management Act

Regulatory Compliance Program

PW26-16

Project Number:

PW26-16

Project Name:

Urban Water Management Plan

Department Responsible:

Public Works

Contact Number:

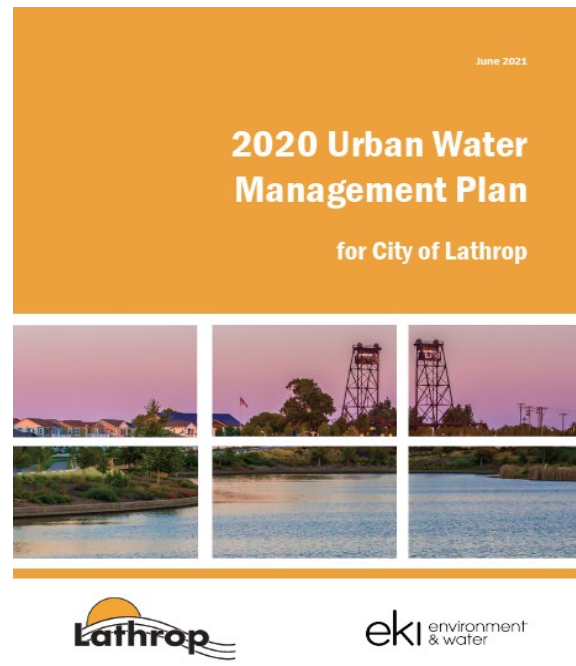
209-941-7430

Project Description:

The Urban Water Management Planning Act requires urban water suppliers to prepare an Urban Water Management Plan (UWMP) to describe and evaluate sources of water supply, efficient uses of water, demand management measures (DMM), implementation strategy and schedule, and other relevant information and programs. The UWMP needs to be updated every five years in accordance with Guidelines published by the Department of Water Resources. The UWMP includes setting water use baselines and targets for reductions in water use through implementation of demand management measures for water conservation that include water waste prevention ordinances, metering, public education and outreach.

Justification:

Implementation of the UWMP is required for compliance with UWMP Act and to ensure the appropriate level of reliability in its water service sufficient to meet the needs of its various categories of customers during normal, dry, and multiple dry years. Compliance with the UWMP Act is required in order to be eligible for State water grants or loans.



Capital Improvement Project Plan

RW 23-02

Project Number:

RW 23-02

Project Name:

Recycled Water Operations and Permitting

Department Responsible:

Public Works

Contact Number:

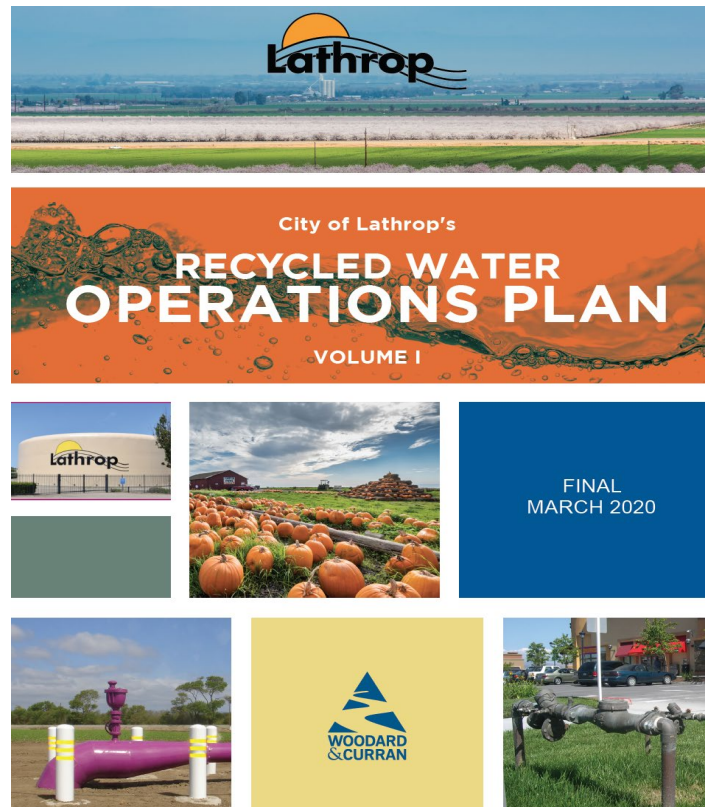
209-941-7430

Project Description:

The Lathrop Consolidated Treatment Facility (LCTF) produces recycled water primarily used for landscape irrigation, as well as other approved non-potable uses including construction and street sweeping. The State Water Resource Control Board permits and regulates recycled water use within the City of Lathrop under the General Order for Recycled Water Use, WQ 2016-0068-DDW. As the City develops and expands its recycled water system, professional consulting services are needed to meet the extensive reporting, testing and compliance requirements outlined in the State's permitting documents

Justification:

The Recycled Water Operations and Permitting project is needed to update the City's recycled water program due to changes in regulatory permitting and to streamline and improve operations and efficiencies with program administration.



Capital Improvement Project Plan

SD 08-07

Project Number:

SD 08-07

Project Name:

Shilling Storm Water Pump Station & Force Main

Department Responsible:

Public Works

Contact Number:

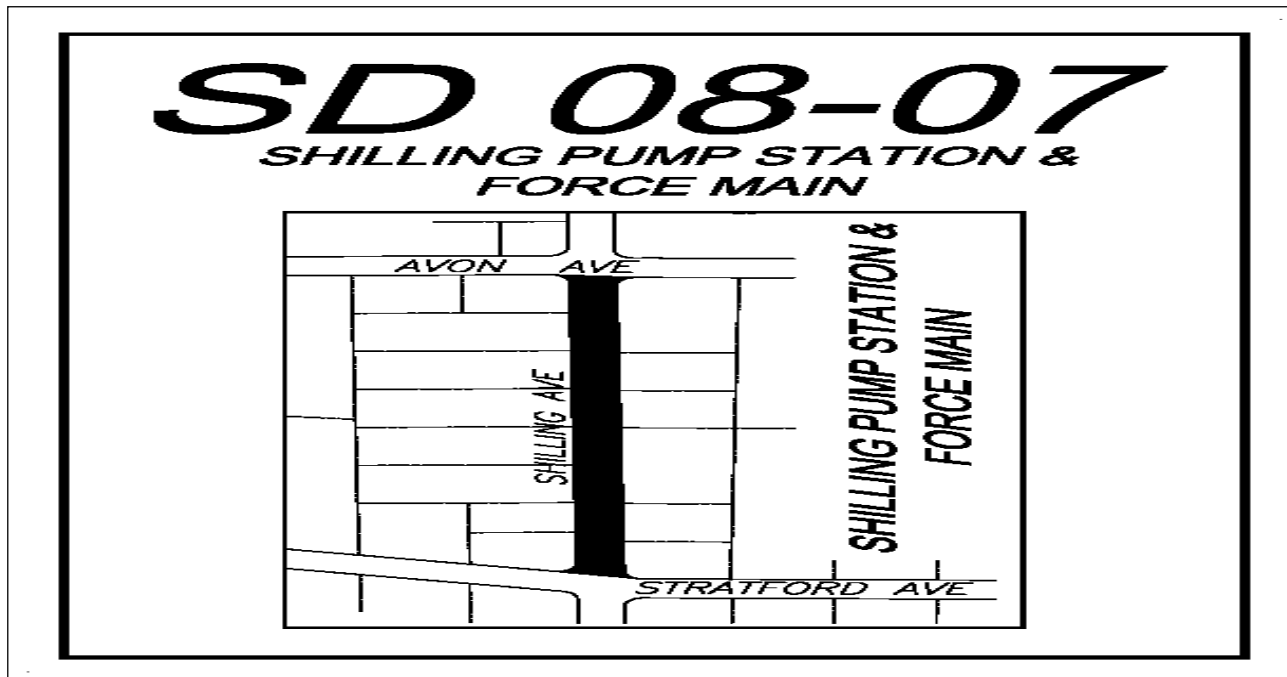
209-941-7430

Project Description:

The Shilling Storm Water Pump Station and Force Main project implements one part of a sub-regional storm drainage solution for the Lathrop Acres, 5th, 6th, and 7th Street, Stonebridge, and Interstate 5/Lathrop Road Interchange Area.

Justification:

The City is currently updating its storm drainage master plan to provide storm drainage solutions for the area east of Interstate 5.



Capital Improvement Project Plan

SD 22-23

Project Number:

SD 22-23

Department Responsible:

Public Works

Project Name:

Citywide Storm Drain Pump Station Improvements

Contact Number:

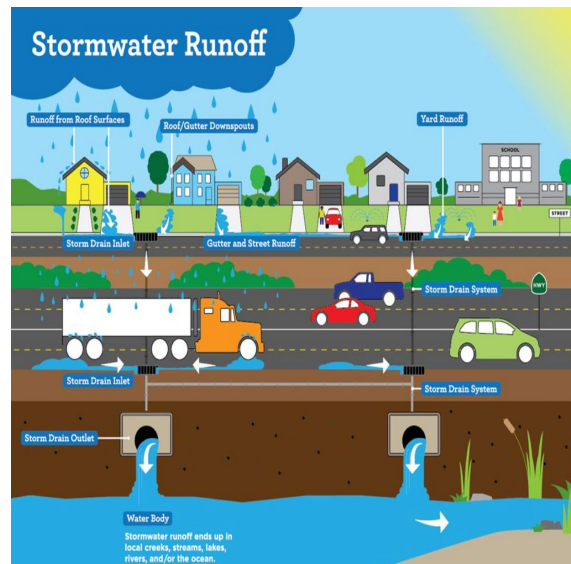
209-941-7430

Project Description:

The proposed project consists of an assessment of all storm drain pump stations for adequate trash screening and / or additional site improvements necessary for operational efficiencies and resiliency. The proposed project would also begin the design and installation of necessary improvements, depending on funding.

Justification:

Storm drain pump stations collect storm water and discharge into the San Joaquin River. The vegetation and trash typically collected by storm water and delivered via storm drain pipes to the City's pumping stations can cause flooding, damage equipment and impact system performance. Improved debris capture components are needed for the City's storm drain pumping stations. These components will maintain compliance with the City's National Pollutant Discharge Elimination System (NPDES) permit by improving storm water discharge quality, reduce staff time associated with equipment repairs and cleaning, and improve these systems' operational efficiency.



CAPTIAL IMPROVEMENT PROJECT

SD 24-13

Project Number:

SD 24-13

Project Name:

Full Trash Capture Devices

Department Responsible:

Public Works

Contact Number:

209-941-7430

Project Description:

During this phase of the project, we will be engaging a consultant to conduct a thorough analysis of our requirements, provide recommendations, and design comprehensive trash capture systems. These systems will include either low flow devices at catch basins or high flow devices at stormwater pump stations, depending on the consultant's assessment of our needs. The implementation of these systems will be carried out in stages to ensure efficient and effective results.

Justification:

The introduction of trash into waterways through storm water runoff is a significant contributor to surface water pollution across the State. In order to safeguard water quality and prevent the contamination of surface waters with trash, the City is mandated to comply with the NPDES Small MS4 Phase II General Permit and its associated Trash Amendments for storm water discharges.

Storm water discharges fall under the jurisdiction of the National Pollutant Discharge Elimination System (NPDES) Phase II General Permit for Small Municipal Separate Storm Sewer Systems (Small MS4s), which is issued by the State Water Resources Control Board (SWRCB). All Phase II permit holders are obligated to adhere to the Trash Amendments and Implementation Program, which necessitate the installation of full trash capture devices in high density residential, commercial, industrial, mixed urban, and public transportation land use areas by December 2030.



CAPITAL IMPROVEMENT PROJECT

SD 25-17

Project Number:

SD 25-17

Project Name:

East Lathrop Stormwater Master Plan

Department Responsible:

Public Works

Contact Number:

209-941-7430

Project Description:

East Lathrop Stormwater Master Plan will provide a framework for the development of stormwater facilities in East Lathrop to allow potential development to occur with this area of Lathrop. Currently, developments are responsible for managing stormwater on-site reducing the availability of land for development.

Justification:

The East Lathrop Stormwater Master Plan is needed to provide a framework to guide storm drainage infrastructure improvements, regulatory compliance, support utility operations, budget, rate studies, land use planning and development fees



Regulatory Compliance Program

SD26-17

Project Number:

SD26-17

Project Name:

Phase II Small Municipal Separate Storm Sewer System (MS4) Program

Department Responsible:

Public Works

Contact Number:

209-941-7430

Project Description:

Storm water discharges are regulated under the National Pollutant Discharge Elimination System (NPDES) Phase II General Permit for Small Municipal Separate Storm Sewer Systems (Small MS4s) issued by the State Water Resources Control Board (SWRCB). The storm water compliance program implements six required minimum control measures, including: education and outreach, public involvement and participation, illicit discharge and detection, construction site runoff control, pollution prevention/good housekeeping, and post construction stormwater management. The City must submit an annual report summarizing the past year's activities and provide payment of fees to the State Water Resources Control Board.

Justification:

Urban storm water runoff is a leading cause of surface water pollution throughout the State. Compliance with the NPDES Small MS4 Phase II General Permit for storm water discharges is required for the City to protect water quality and control urban runoff.



Capital Improvement Project Plan

WW 22-24

Project Number:

WW 22-24

Department Responsible:

Public Works

Project Name:

Integrated Water Resources Master Plan Update (Wastewater)

Contact Number:

209-941-7430

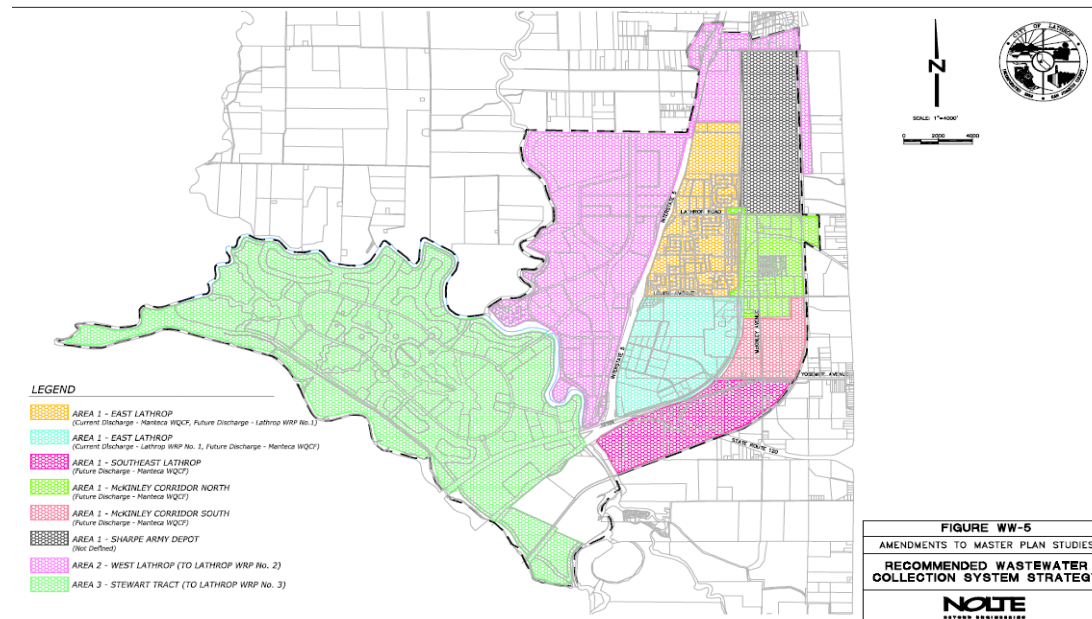
Project Description:

Updates to the City's Water, Wastewater and Recycled Water Master Plans are needed for compliance with legislation, to condition development and ensure public health and safety through effective planning and management of the City's water, wastewater and recycled water systems. Collectively these documents are referred to as the Integrated Water Resources Master Plan (IWRMP). The IWRMP needs to be updated to address changes in regulatory requirements, population and growth projections, proposed land use, climate change and other factors. The IWRMP is used to plan future capital improvement projects and serves as the basis for regulatory compliance documents. The IWRMP serves as the planning document used to provide water infrastructure needed for the City to develop according to its General Plan, and for the environmental determination to meet California Environmental Quality Act requirements.

Justification:

The IWRMP is a living document that needs to be updated periodically to plan and budget for water, wastewater and recycled water infrastructure capital improvement projects, equipment replacement plans, and inform development approval processes, water & sewer rate studies and CFF updates.

City of Lathrop Integrated Water Resources Master Plan (Wastewater)



Capital Improvement Project Plan

WW 22-25

Project Number:

WW 22-25

Department Responsible:

Public Works / Greg Gibson

Project Name:

Stonebridge Gravity Main Replacement and Pump Station Upgrade

Contact Number:

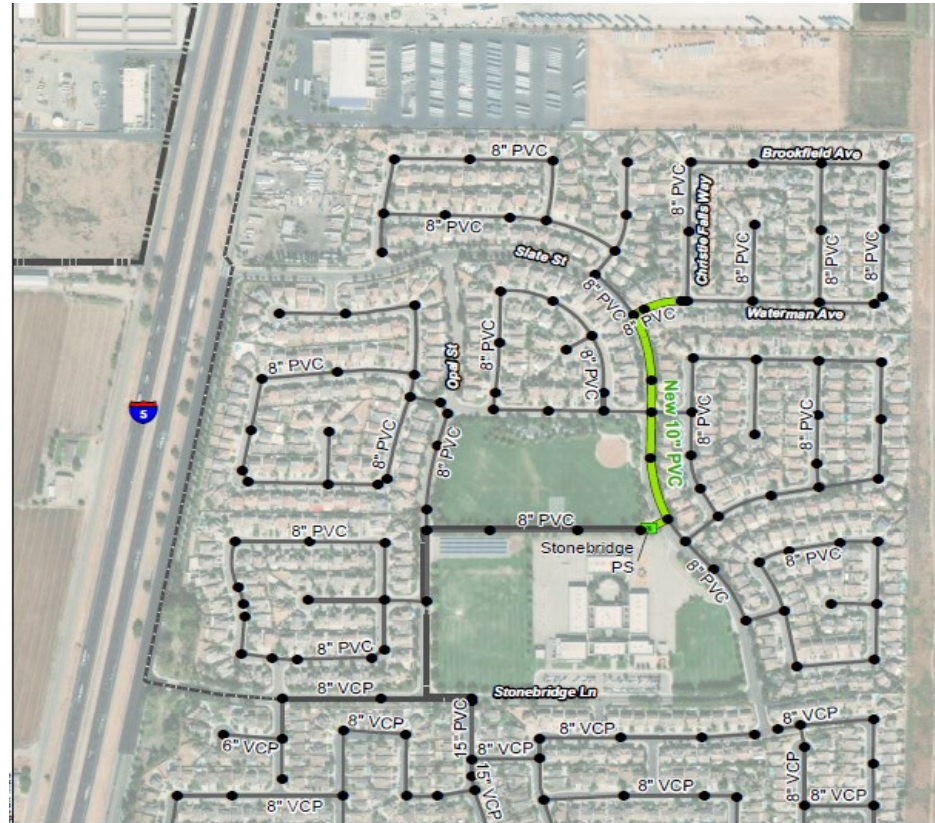
209-941-7430

Project Description:

This project consists of replacement of approximately 1,230 linear feet of existing 8-inch gravity mains with new 10-inch gravity mains in the Stonebridge subdivision and upgrade of the Stonebridge sewer pump station to support peak flows. The project includes replacement of service laterals and modification/rehabilitation of existing manholes along the extent of the project.

Justification:

This project was recommended by the Wastewater Master Plan update and is needed to provide additional gravity main and pumping capacity to address existing deficiencies with meeting peak sewer flows.



Capital Improvement Project Plan

WW 22-26

Project Number:

WW 22-26

Project Name:

Woodfield West Deficiency Project - Alternative A

Department Responsible:

Public Works

Contact Number:

209-941-7430

Project Description:

This project consists of replacement of approximately 3,760 linear feet of existing 15-inch gravity mains with new 18-inch gravity mains from the north end of Jasper Street to the Woodfield pump station. The project includes replacement of service laterals and modification/rehabilitation of existing manholes along the extent of the project.

Justification:

This project was recommended by the Wastewater Master Plan update and is needed to provide additional gravity main capacity to replace deficient gravity mains along Jasper Street and Cedar Valley Drive.



Capital Improvement Project Plan

WW 22-38

Project Number:

WW 22-38

Project Name:

Consolidated Treatment Facility Phase 3 Expansion

Department Responsible:

Public Works

Contact Number:

209-941-7430

Project Description:

This project is anticipated to double the current treatment capacity at the Lathrop Consolidated Treatment Facility (LCTF). This additional capacity will be gained through the design and installation of final headworks expansion, splitting of the inflows to all three pairs of trains, re-combining at the downstream end, new air equipment, new Membrane BioReactor (MBR) and new sludge processing and dewatering equipment.

Justification:

Additional wastewater treatment capacity is needed to support new development within the next 3-5 years.



CAPITAL IMPROVEMENT PROJECT

WW 24-14

Project Number:

WW 24-14

Project Name:

Sangalang WW Lift Station Access Modifications

Department Responsible:

Public Works

Contact Number:

209-941-7430

Project Description:

This project, aims at removing the additional wall over the roof (not shown in photo) and replace current roll up door to swing gate.

Justification:

This project aims to enhance the accessibility and safety of the Sangalang Sewer Pump Station by making modifications to improve access to the wastewater pumps. Currently, the setup does not allow the VAC Truck to access the wetwell area for cleaning, resulting in manual cleaning by a team of 1-2 individuals taking 2-4 hours to complete. By implementing these modifications, we aim to streamline operations.



PROJECT NAME

WW 24-15

Project Number:

WW 24-15

Department Responsible:

Public Works

Project Name:

Odor and FOG Control for WW Pump Stations

Contact Number:

209-941-7430

Project Description:

This project provides the City's wastewater pump stations assistance to improve with FOG (Fats, Oils and Grease) reduction. This project will complete the construction of the Ozone and aeration (twister) devices at pump station to control Odor & FOG.

Justification:

This project will enhance public health and safety by providing effective odor control and FOG (Fats, Oils and Grease) reduction at the City Wastewater Pump Stations. The reduction of FOG concentrations also helps make the cleaning process more efficient and effective. The City will need to assess which facilities would benefit from this project based on the new installation of the CTF Improvements.



Capital Improvement Project Plan

WW 25-23

Project Number:

WW 25-23

Project Name:

McKinley Avenue Forcemain Intertie

Department Responsible:

Public Works

Contact Number:

Project Description:

This project will connect the forcemain on McKinley Avenue ultimately to the Wastewater Treatment Plant where we currently do not have a connection.

Justification:

We have a need to intertie and create a connection between two separate wastewater treatment plants, this will enable the transfer of wastewater between them. Allowing them to share wastewater flow and capacity, improve system reliability, enhance emergency response during disruptions and optimize water usage during fluctuations in demand across different areas.



PROJECT NAME

WW26-09

Project Number:

WW26-09

Project Name:

Wastewater Pump Stations Access Modification and Upgrades

Department Responsible:

Public Works

Contact Number:

209-941-7430

Project Description:

This project provides modifications to improve Mossdale Pump Station access to the wastewater pumps. The project will need design of building to accommodate VAC truck and pully access into pump. This project will also design for an entire new pump station cabinets and hardware.

Justification:

This project aims to improve both the safety and accessibility of our Operators and work on hand. Current setup does not allow the VAC Truck access into the wetwell area for cleaning, nor does it allow the pully to complete its lift without a person jumping into assist. This project will also prevent future downtime and will be an upgrade to the pump station. The existing cleaning is currently being taken care of by hand, which takes a 2-3 men operation and 5-6 hours to complete the task. The current pump station cabinets and hardware are no longer in business, nor supported by current software and if it were to go break, significant down time should be expected and low capacity of holding tank would only allow for approx. 1 day of retainage.



Capital Improvement Project Plan

WW26-10

Project Number:

WW26-10

Project Name:

Easy Court/O Street Gravity Main Replacement

Department Responsible:

Public Works

Contact Number:

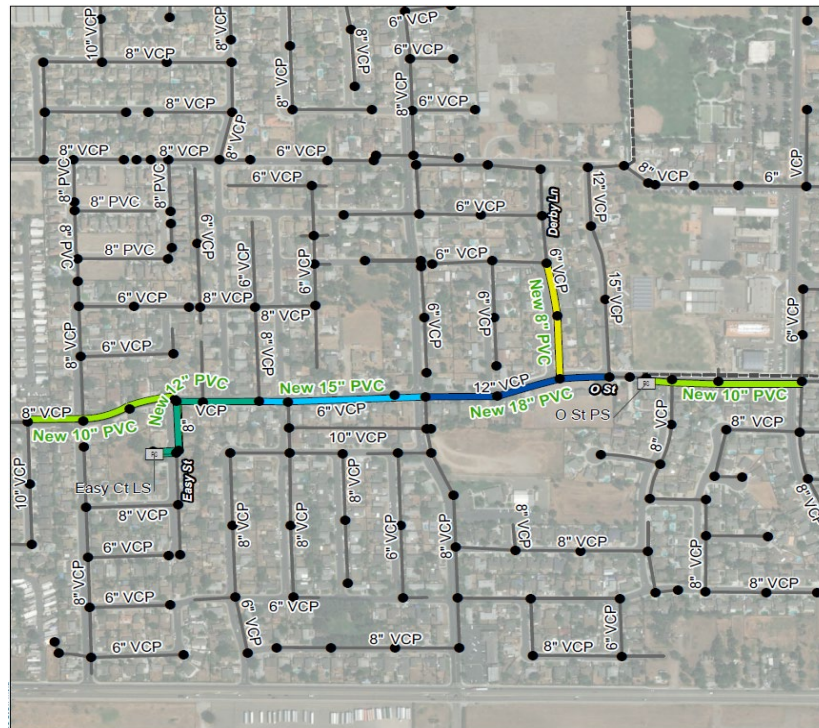
209-941-7430

Project Description:

The project consists of replacing a total of approximately 2,460 LF of existing mains with new gravity mains varying in diameters from 10 inches to 15 inches. The project is located on O Street between Tumbleweed Lane and 5th Street, passing both the Easy Court LS and the O Street PS. A portion of the existing sewers are constructed in residential backyards; the new sewer will be realigned on O Street. The project also includes the replacement of service laterals and modification/rehabilitation of existing manholes along the extent of the main replacement.

Justification:

This project was recommended by the Wastewater Master Plan update and is needed to address an existing deficiency with modeled surcharging and has a history of sanitary sewer overflows. The project is sized to also accommodate future infill development in the Easy Court / O Street area.



Capital Improvement Project Plan

WW26-11

Project Number:

WW 26-11

Project Name:

O Street Pump Station Upgrade

Department Responsible:

Public Works

Contact Number:

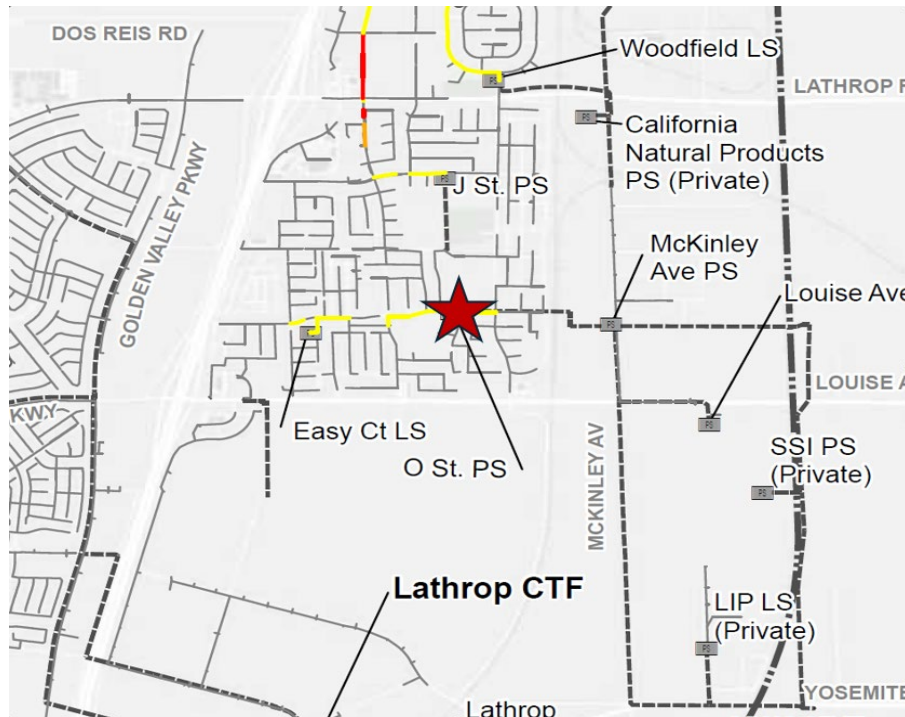
209-941-7430

Project Description:

The O Street Pump Station Upgrade Project (PS) replaces the existing O Street pump station with a new pump station to be installed at a corner of the Lathrop Elementary School lot across the street from the current O Street PS. The new O Street PS will connect to existing gravity mains and force mains on O Street.

Justification:

This project was recommended by the Wastewater Master Plan update and is needed to address an existing deficiency with surcharging of at least 2,060 feet of gravity mains upstream of the O Street Pump Station due to the shallow wet well at the pump station.





Regulatory Compliance Program

WW26-18

Project Number:

WW26-18

Project Name:

Sanitary Sewer Overflow Reduction

Department Responsible:

Public Works

Contact Number:

209-941-7430

Project Description:

The City of Lathrop, along with all public entities that own or operate sanitary sewer systems in the State of California, is required by the State Water Resources Control Board (SWRCB) Order No. 2022-0103-DWQ to develop and implement a Sewer System Management Plan (SSMP). The SSMP consists of eleven elements prescribed by the State Order that include: Goals, Organization, Legal Authority, Operations & Maintenance Program, Design and Performance Provisions, Overflow Emergency Response Plan, FOG Control Program, System Evaluation and Capacity Assurance Plan, SSMP Program Audits and a Communications Program. The City of Lathrop first prepared and adopted a SSMP in 2009, and a comprehensive update was completed in 2018. A comprehensive update of the SSMP is required every 6 years under the SWRCB Order.

Justification:

Development and implementation of the SSMP is required by the State Water Resources Control Board (SWRCB) under Order No. 2022-0103-DWQ to reduce sewer system overflows and protect the public health and the environment.

Sanitary Sewer Overflow Reduction Program



State Water Resources Control Board



Regulatory Compliance Program

WW26-18

Project Number:

WW26-18

Department Responsible:

Public Works

Project Name:

Sanitary Sewer Overflow Reduction

Contact Number:

209-941-7430

Regulatory Compliance Program

WW26-19

Project Number:
WW26-19

Project Name:
NPDES LCTF Compliance

Department Responsible:
Public Works

Contact Number:
(209) 941-7430

Project Description:

The City has been issued a National Pollutant Discharge Elimination (NPDES) permit (Order R5-2022-0004-01) to discharge tertiary treated effluent wastewater from the Consolidated Treatment Facility (CTF). River discharge typically occurs during late Fall through Spring, when recycled water irrigation demands are low. The permit includes extensive regulatory reporting requirements, such as specialized monitoring studies, multiple technical reports, implementation of an industrial pretreatment program (IPP), and on-going water quality monitoring at the CTF and in the San Joaquin River. The NPDES permit must be reissued every five years.

Justification:

Compliance with Order R5-2022-0004-01 is essential to ensure that wastewater can be treated and discharged from the CTF during months with low recycled water irrigation demand, and to ensure that future growth and development can proceed without the need for extensive land disposal of wastewater.

