



PLANNING COMMISSION
STAFF REPORT

DATE:	April 19, 2023
LOCATION:	Citywide
REQUEST:	Consider Adoption of Resolution Finding Consistency with the General Plan for the Fiscal Year 2023-2024 & 2024-2025 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 2023-2024 and 2024-2025 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 2023-2024 and 2024-2025 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 19-07 Citywide Surveillance System
- GG 20-15 Energy Development Services Module
- GG 21-11 Police Department Transition

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- GG 21-13 Corp Yard Improvements
- GG 22-01 Capital Facility Fee Study Update
- GG 22-02 Citywide Cathodic Protection Maintenance
- GG 22-03 Citywide Fiber Optic Communication Improvements
- GG 22-35 Installation of Camera Surveillance System for Major City Parks
- GG 23-06 Temporary Animal Shelter
- GG 23-07 Public Transit Services
- GG 23-11 Animal Shelter
- GG 23-19 South Lathrop Surveillance System
- GG 24-01 Landscape Upgrades to River Islands Parkway

Applicable Goals/Policies/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 20-02 Milestone Park Improvements
- PK 22-05 New Lathrop Community Center
- PK 22-09 Thomsen Park Improvements
- PK 22-12 The Green Park Improvements
- PK 24-34 Shilling Avenue Park Improvements
- PK 24-02 Community Center and Generations Center Marquees
- PK 24-03 7th Street Park Design
- PK 24-04 Park Revitalization Project
- PK 25-01 Valverde Park Revitalization Project

Applicable Goals/Policies/Implementation Actions:

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,

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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 12-04 Manthey Road Bridge Replacement
- PS 14-04 Harlan Road Precise Plan Line
- PS 15-02 Louise Avenue & McKinley Avenue Signal Improvements
- PS 17-09 State Route 120 and Yosemite Ave/Guthmiller Road
- PS 22-15 Citywide Engineering and Traffic Study
- PS 22-17 Lathrop Active Transportation Plan
- PS 22-18 Class 2 - Bikeway to ACE Station
- PS 23-01 City-wide Traffic Systems and Safety Upgrades
- PS 23-09 Sidewalk Infill at J Street and 5th Street Intersection
- PS 23-18 McKinley Avenue Pavement Project
- PS 24-05 FY 2023/24 Pavement Maintenance
- PS 24-06 FY 2023/24 Pavement Maintenance and Repair Project/City Wide Slurry Seal
- PS 24-07 FY 2023/24 Traffic Calming
- PS 24-08 Slate Street Sidewalk Improvements
- PS 24-09 Update Lathrop Bicycle Master Plan

Applicable Goals/Policies/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.

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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 22-20 Northern McKinley Industrial Area Fire Flow Improvements
- PW 22-21 McKinley Avenue and East Louise Avenue Fire Flow Improvements
- PW 22-36 Aquifer Storage and Recovery
- PW 22-37 Well 10 Testing, Analysis and Modifications
- PW 24-10 Booster Pump Stations Chlorine Residual Control Systems
- PW 24-11 Murphy Pkwy Fire Flow Loop to Harlan Rd
- PW 24-12 East Lathrop – Water Main & Lateral Upgrades

Applicable Goals/Policies/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.

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.

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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.

Drainage Improvements

- SD 22-23 Citywide Storm Drain Pump Station Improvements
- SD 24-13 Full Trash Capture Devices

Applicable Goals/Policies/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 20-17 LCTF Surface Water Discharge
- WW 22-24 Integrated Wastewater Resources Master Plan Update
- WW 22-38 Consolidated Treatment Facility Phase 3 Expansion
- WW 24-14 Wastewater Lift Station Access Modifications
- WW 24-15 Ozone Upgrade for Wastewater Pump Stations

Applicable Goals/Policies/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
- RW 24-16 Recycled Water System Decommissioning

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

- PS 06-16 Lathrop Road and I-5 Improvements
- PW 08-09 Well 21 Improvements
- SD 08-07 Shilling Storm Water Pump Station & Force Main

Applicable Goals/Policies/Implementation Actions:

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.

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

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).

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

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.

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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 22-31 ADA Transition Plan Update
- PS 24-17 Annual Striping Update
- PW 24-18 Lead and Copper Rule Revisions
- PW 24-19 Sustainable Groundwater Management Act Compliance
- PW 24-20 Urban Water Management Plan
- SD 24-21 Phase II Small Municipal Separate Storm Sewer System (MS4) Program
- WW 24-22 Sanitary Sewer Overflow Reduction

Applicable Goals/Policies/Implementation Actions:

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

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.

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.

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

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

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.

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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. 23-5, finding the Fiscal Year 2023-2024 and 2023-2024 Capital Improvement Program to be consistent with the General Plan.

Approvals:



James Michaels, Senior Planner

4/10/2023
Date



Rick Caguiat, Assistant Director Community Development

4/11/2023
Date



Mark Meissner, Community Development Director

4/11/2023
Date



Brad Taylor, City Engineer

4/12/2023
Date



Salvador Navarrete, City Attorney

4-10-2023
Date

Attachments:

1. PC Reso No. 23-5
2. FY 2023-2024 & 2024-2025 Capital Improvement Program Project Summary List and Descriptions.

CITY OF LATHROP

PLANNING COMMISSION RESOLUTION NO. 23-5

**A RESOLUTION OF THE PLANNING COMMISSION OF THE CITY OF LATHROP
MAKING A FINDING OF CONSISTENCY WITH THE GENERAL PLAN FOR THE
FISCAL YEAR 2023-2024 AND 2024-2025 CAPITAL IMPROVEMENT PROGRAM
(CIP)**

WHEREAS, the City of Lathrop Planning Commission held a duly noticed public meeting to consider the proposed Fiscal Year 2023-2024 and 2024-2025 Capital Improvement Program; and

WHEREAS, the City of Lathrop current adopted a 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, pursuant to the General Plan goals, policies, and implementation actions that address the projects listed in the CIP General Government and Public Safety category; and

WHEREAS, pursuant to the General Plan goals, policies, and implementation actions that address the projects listed in the CIP Parks and Recreation Improvements category; and

WHEREAS, pursuant to the General Plan goals, policies, and implementation actions that address the projects listed in the CIP Street Improvements category; and

WHEREAS, pursuant to the General Plan goals, policies, and implementation actions that address the projects listed in the CIP Water Improvements category; and

WHEREAS, pursuant to the General Plan goals, policies, and implementation actions that address the projects listed in the CIP Drainage Improvements category; and

WHEREAS, pursuant to the General Plan goals, policies, and implementation actions that address the projects listed in the CIP Wastewater Improvements category; and

WHEREAS, pursuant to the General Plan goals, policies, and implementation actions that address the projects listed in the CIP Recycled Water Improvements category; and

WHEREAS, pursuant to the General Plan goals, policies, and implementation actions that address the projects listed in the CIP Future Capital Improvement Projects category; and

WHEREAS, pursuant to the General Plan goals, policies, and implementation actions that address the projects listed in the CIP Regulatory Compliance Programs category; 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 2023-2024 and 2024-2025 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 2023-2024 and 2024-2025 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 19th day of April, 2023 by the following vote:

AYES:

NOES:

ABSTAIN:

ABSENT:

Gloryanna Rhodes, Chair

ATTEST:

APPROVED AS TO FORM:

Mark Meissner, Secretary



Salvador Navarrete, City Attorney

CIP PROJECT LIST

General Government and Public Safety

GG 19-07 Citywide Surveillance System
 GG 20-15 Energy Development Services Module
 GG 21-11 Police Department and Transition Project
 GG 21-13 Corp Yard Improvements
 GG 22-01 Capital Facility Fee Study Update
 GG 22-02 Citywide Cathodic Protection Maintenance
 GG 22-03 Citywide Fiber Optic Communication Improvements
 GG 22-35 Installation of Camera Surveillance System for Major City Parks
 GG 23-06 Temporary Animal Shelter
 GG 23-07 Public Transit Services
 GG 23-11 Animal Shelter
 GG 23-19 South Lathrop Surveillance System
 GG 24-01 Landscape Upgrades to River Islands Parkway

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 PK 24-03 7th Street Park Design
 PK 24-04 Park Revitalization Project
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Street Improvements

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 PS 22-17 Lathrop Active Transportation Plan
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 PS 24-06 Pavement Maintenance and Repair Project/City Wide Slurry Seal
 PS 24-07 FY 2023/24 Traffic Calming
 PS 23-18 McKinley Avenue Pavement Project
 PS 24-08 Slate Street Sidewalk Improvements
 PS 24-09 Update Lathrop Bicycle Master Plan

Water Improvements

PW 20-16 Groundwater Treatment Improvements
PW 22-19 Integrated Water Resources Master Plan Updates
PW 22-20 Northern McKinley Industrial Area Fire Flow Improvements
PW 22-21 McKinley Ave and East Louise Ave Fire Flow Improvements
PW 22-22 BPS 3 Pipeline Replacement & Harlan Rd Fire Flow Improvements
PW 22-36 Aquifer Storage and Recovery
PW 22-37 Well 10 Testing, Analysis and Modifications
PW 24-10 Booster Pump Stations Chlorine Residual Control Systems
PW 24-11 Murphy Pkwy Fire Flow Loop to Harlan Rd
PW 24-12 Water Lateral & Main Upgrades to Bizzibe St, Cambride Dr & O St.

Drainage Improvements

SD 22-23 Citywide Storm Drain Pump Station Improvements
SD 24-13 Full Trash Capture Devices

Wastewater Improvements

WW 20-17 LCTF Surface Water Discharge
WW 22-24 Integrated Wastewater Resources Master Plan Update
WW 22-38 Consolidated Treatment Facility Phase 3 Expansion
WW 24-14 Wastewater Lift Station Access Modifications
WW 24-15 Ozone Upgrade for Wastewater Pump Stations

Recycled Water Improvements

RW 23-02 Recycled Water Operations and Permitting
RW 24-16 Recycled Water System Decommissioning

Future Capital Improvement Projects

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PW 08-09 Well 21 Improvements
SD 08-07 Shilling Storm Water Pump Station & Force Main

Regulatory Compliance Programs

GG 22-31 ADA Transition Plan Update
GG 23-16 Backpack and Food Program
GG 23-17 Residential Landscape Improvements
PS 24-17 Annual Striping Project
PW 24-18 Lead and Copper Rule Revisions
PW 24-19 Sustainable Groundwater Management Act Compliance
PW 24-20 Urban Water Management Plan
SD 24-21 Phase II Small Municipal Separatate Storm Sewer System (MS4) Program
WW 24-22 Sanitary Sewer Overflow Reduction

Capital Improvement Project Plan

GG19-07

Project Number:
GG 19-07

Project Name:
Citywide Surveillance System

Department Responsible:
Information Technology

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

GG 20-15

Project Number:
GG 20-15

Project Name:
EnerGov Development Services Module

Department Responsible:
Information Systems Department

Contact Number:
209-941-7270

Project Description:

Energov software will include enhanced functionalities to Parcel Management, Business Licensing, Permits, Inspections, Project Planning, and Code Enforcement. In addition, hardware (e.g.: tablets and servers) and software licenses will be purchased to intergrate Energov's enhanced online service capabilities.

Justification:

Upgrading the current New World Software to Tyler Technologies, Inc. Energov Software will automate inspections with the use of tablets for the Building and Construction inspection, allow plan checks to be submitted electronically, which will reduce approvals to a few days as opposed to weeks, eliminate paper submissions of plans and allow customers to schedule inspections and pay for business license online.

Capital Improvement Project Plan

GG21-11

Project Number: GG 21-11
Project Name: Police Department and Transition Project
Department Responsible: Finance / Police Department
Contact Number:

Project Description: Establish the Lathrop Police Department and implementation of the transition of law enforcement services from the San Joaquin County Sheriff's Office to the City.

Justification: Since 1990, the City has contracted with the San Joaquin County Sheriff's Office (SJCISO) for police services. In recent years, the cost of police services has continued to increase largely due to the unusually high pension and startup cost paid per officer. In addition to the fiscal savings, the establishment of the City's own Police Department will allow for more officers on the street, additional non-sworn officers, and better coordination with code enforcement, animal control, Lathrop Manteca Fire Department, and other City services. In July 2022, the City of Lathrop launched its first law enforcement agency and continues to make progress to better serve the community.



Capital Improvement Project Plan

GG 21-13

Project Number:
GG 21-13

Project Name:
City of Lathrop Corporation Yard Improvements

Department Responsible:
Public Works

Contact Number:
209-941-7430

Project Description:

The project is proposing improvements that include a new Public Works administration building, a new Evidence and Property Building for Lathrop Police Department, reconfiguration of outdoor material storage and parking, security upgrades, a material handling site, storage racks, additional asphalt pavement, administration building site improvements.

Justification:

The Corp Yard needs improvement in order to keep up with recent and planned growth and to comply with new regulatory requirements associated with the America's Water Infrastructure Act (AWIA).



Capital Improvement Project Plan

GG 22-01

Project Number:
GG 22-01

Project Name:
Capital Facilities Fees Update

Department Responsible:
Public Works

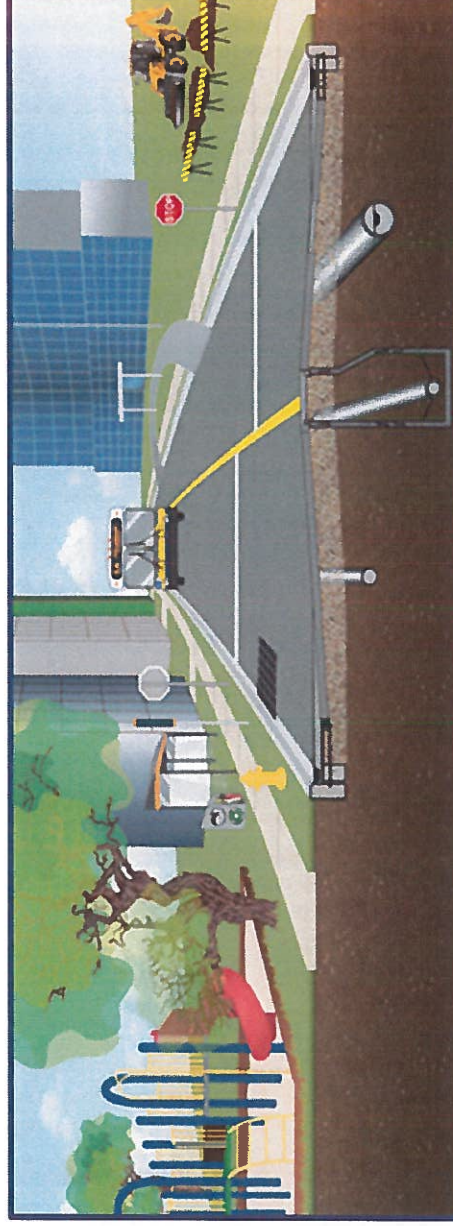
Contact Number:
209-941-7430

Project Description:

Capital Facilities Fees (CFF) review and update nexus study to ensure that the impact fees being levied are current, accurate and in compliance with the requirements of Assembly Bill AB1600 (Government Code Section 66000 et. Seq.).

Justification:

This CFF are necessary to provide a source of revenue by which new development within the City will contribute their fair and proportionate share of the cost of providing infrastructure and community facilities. As new development occurs throughout the City, it is critical that fees in the CFF program be regularly updated to ensure that CFF rates keep up with rising cost of infrastructure, facilities, and land. The update to the study will adjust existing fees for inflationary fluctuations, update project costs, and establish fees for new development.



Typical infrastructure funded by Capital Facility Fees.

Capital Improvement Project Plan

GG 22-02

Project Number:
GG 22-02

Project Name:
Citywide Cathodic Protection Maintenance

Department Responsible:
Public Works

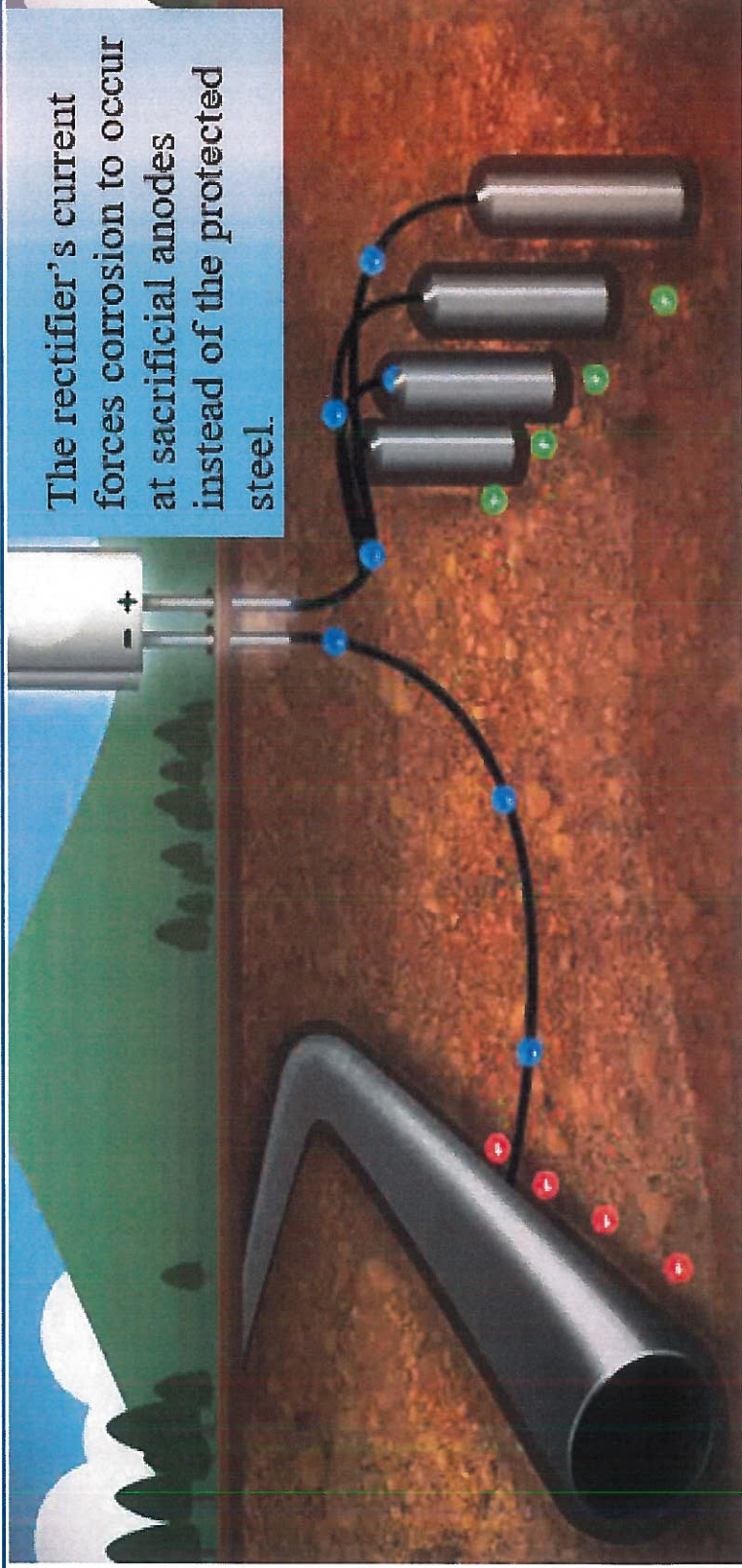
Contact Number:
209-941-7430

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 22-03

Project Number:
GG 22-03

Project Name:
Citywide Fiber Optic Improvements

Department Responsible:
Public Works

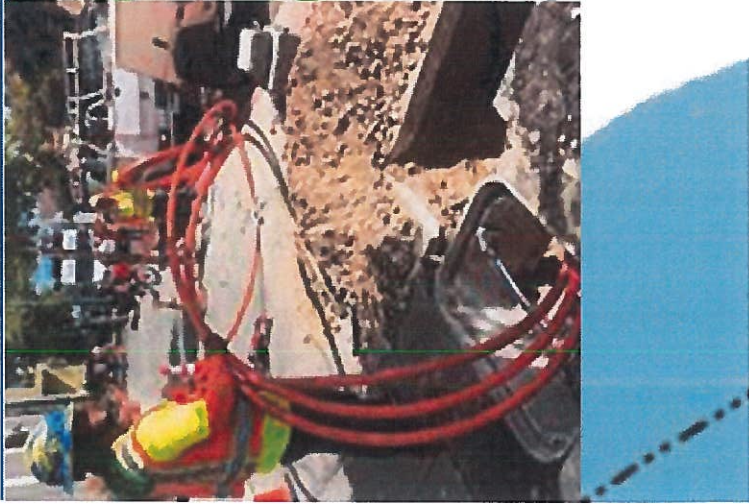
Contact Number:
209-941-7430

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

GG22-35

Project Number:
GG 22-35

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 (Mossdale 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.



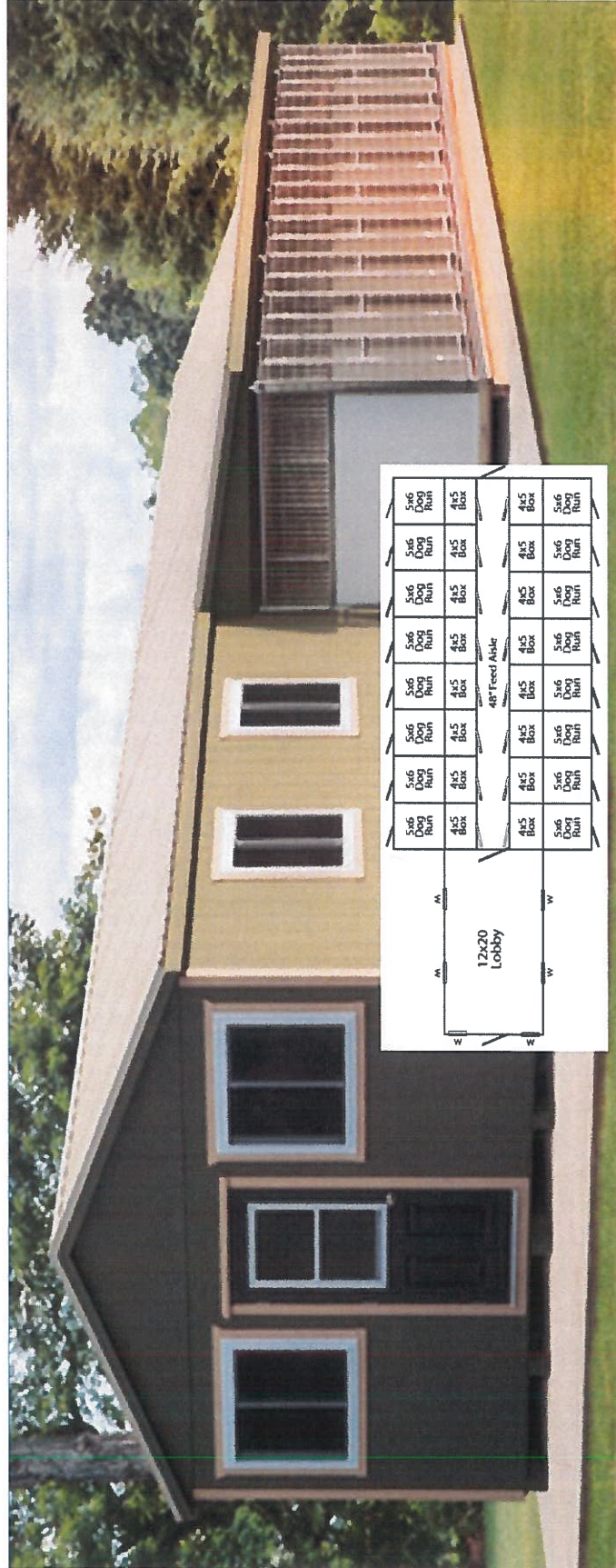
Capital Improvement Project Plan

GG23-06

Project Number: GG 23-06
Project Name: Temporary Animal Shelter
Department Responsible: Police Department
Contact Number: 209-647-6400

Project Description: Installation of three (3) pre-fabricated animal shelters; One 18-kennel animal shelter to house and care for healthy animals until they can be reunited with their owner, transferred to a rescue, or adopted into a new family and two 6-kennel animal shelters to be used to quarantine and isolate sick or vicious animals, and provide necessary separation for different animal species. Once the permanent shelter is constructed, these temporary shelters will be utilized for overflow space, and for the quarantine and isolation of vicious or sick animals.

Justification: The City of Lathrop has contracted and shared its animal shelter services with the City of Manteca since 1993. The contract with Manteca to provide animal shelter services ended on September 30, 2022. With Manteca's continued growth, they no longer have the shelter capacity to provide shelter services for Lathrop animals.



Capital Improvement Project Plan

GG 23-07

Project Number:
GG 23-07

Project Name:
Public Transit Services

Department Responsible:
Public Works

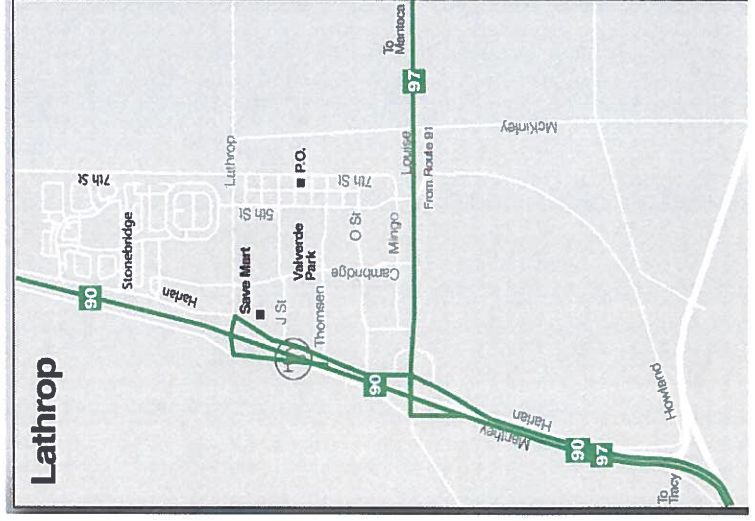
Contact Number:
209-941-7430

Project Description:

The project will establish planning, development, and management of existing and future public transportation services from the San Joaquin Regional Transit District (RTD) within the City. The project will prepare a Community Needs Public Transit and Apportionment Study (Assessment Study) to analyze existing and determine new service routes. 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. In order to expand existing transit services within the City, an Assessment Study is needed to analyze existing and determine new service routes. This project will provide the necessary coordination between RTD and the City to determine the roles, responsibilities, and describe the cooperative efforts towards the Assessment Study. The study will determine the span of service, the number of routes and buses needed, cost of operations and capital to provide service, labor, and overhead.



Capital Improvement Project Plan

GG 23-11

Project Number:
GG 23-11

Project Name:
Animal Shelter

Department Responsible:
Public Works

Contact Number:
209-941-7430

Project Description:

The Animal Shelter will be located at the City-owned parcel at the southeast corner of Louise Avenue and Howland Road. The project will include the design and construction of a permanent animal shelter building, parking lot and driveways, concrete walkways, landscaping, and frontage improvements such as curb and gutter, sidewalk, streetscaping and other associated improvements. The 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.

Justification:

Animal shelter services has been provided by the City of Manteca since 1993. The contract with Manteca to provide animal shelter services ended on September 30, 2022. With Manteca's continued growth, they no longer have the shelter capacity to provide shelter services for Lathrop animals.



Capital Improvement Project Plan

GG 23-19

Project Number:
GG 23-19

Project Name:
South Lathrop Surveillance System

Department Responsible:
Information Technology

Contact Number:
209-941-7340

Project Description:

The 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 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

GG 24-01

Project Number:
GG 24-01

Project Name:
Landscape Upgrades to River Islands Pkwy

Department Responsible:
Public Works

Contact Number:
209-941-7430

Project Description:

The project will design and install landscaping improvements in the existing medians on River Islands Pkwy between Golden Valley Pkwy and McKee Blvd. Landscaping improvements will include ground cover, shrubs, palm trees, and irrigation.

Justification:

River Islands Pkwy is a major east / west arterial road that provides vehicular and pedestrian access to the River Islands Development. Palm trees are drought tolerant and will improve the roadway appearance by providing consistency with adjacent major roads. Landscape improvements will benefit the environment and enhance quality of life for residents.



Capital Improvement Project Plan

PK 20-02

Project Number:
PK 20-02

Project Name:
Milestone Park Improvements

Department Responsible:
Public Works

Contact Number:
209-941-7430

Project Description:

Milestone Park is a 1 acre park on the corner of J street and Avon Street. The park serves a dual purpose as detention basin and a park site. The proposal is to remove the existing decomposed granite walkway, woodend picnic tables, and damaged benches and install accessible concrete walkway, new picnic tables, new park benches, a concrete bbq, and waste receptacles, as well as small children's play structure with rubberized surfacing. This project also includes removal of a number of trees within the middle of the park and installation of a four feet fence along the perimeter of park.

Justification:

Milestone park is one of the oldest facilities within the Lathrop park system. Currently the uneven decomposed granite walkways within the park do not meet accessibility standards, the wooden picnic tables and chipped, bent, and cracked benches, do not meet City standards. These additions will make the park accessible and replace outdated amenities with new standard items for Lathrop Parks. As a retention basin the perimeter fencing would allow for the closure of the park when water is present.



Capital Improvement Project Plan

PK22-05

Project Number:
PK22-05

Project Name:
New Lathrop Community Center

Department Responsible:
Public Works

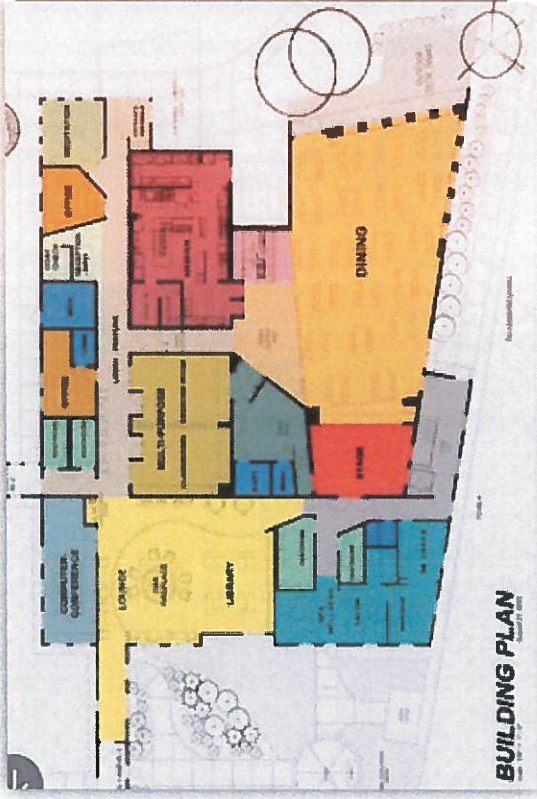
Contact Number:
209-941-7430

Project Description:

The upcoming Community Center will serve as a venue for various events and accommodate sports facilities, a teen center, banquet halls, an amphitheater, and a senior center. This effort aims to create a design concept for the center and identify the optimal approach to fulfill current needs. As the population of Lathrop grows, the existing Community Center is often at full capacity, necessitating a new one. The City Council has chosen a site adjacent to Lathrop High School in Central Lathrop for the new Community Center. This project will cover property acquisition, design, permitting, and construction expenses of the Lathrop Community Center.

Justification:

The 2021 Parks and Recreation Master Plan suggest for a new building or renovation of the community center in historic Lathrop, to effectively address the present-day recreational program requirements of the community.



Capital Improvement Project Plan

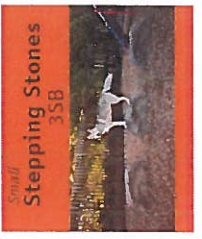
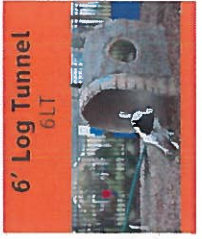
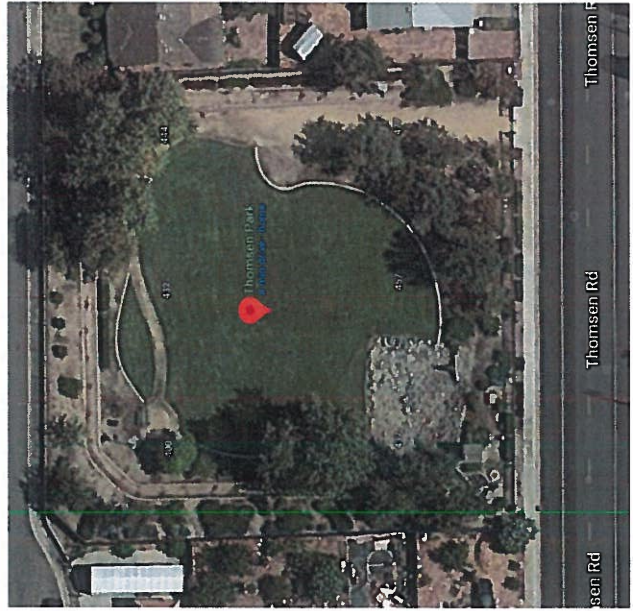
PK 22-09

Project Number: PK 22-09
Project Name: Thomsen Park Improvements
Department Responsible: Public Works
Contact Number: 209-941-7430

Project Description: Install double gated entry and screen fencing along the inside of the iron fence along Thomsen Road to create an off-leash location for dogs at Thomsen Park, and a drinking fountain with dog dish for park visitors

Justification:

Thomsen Park is a 1/2 acre park on Thomsen Road that also serves as a detention basin for storm water protection for community. The park is fenced on all four sides and included limited park amenities. Since the historical section Lathrop does not include an off-leash area are for dogs this location will be an excellent choice. This project would install a double gated entry, and the installation of 3' cyclone fencing material inside the bottom of the existing to ensure small dogs do not squeeze through, as well as a fresh water fountain drinking fountain with a dog dish for park visitors.



Capital Improvement Project Plan

PK 22-12

Project Number:
PK 22-12

Project Name:
The Green Park Improvements

Department Responsible:
Public Works

Contact Number:
209-941-7430

Project Description:

The Green Park is a 1 acre park bordered by Victorian Trail and English Country Trail within the Mossdale Landing development. This park site currently includes a small train themed small childrens play area. This project would propose the removal of the existing play structure and the installation of a larger play structure to accommodate both younger and older children.

Justification:

The current play structure at The Green is close to 20 years old, includes wood fiber as a fall surface, and is designed for use by 3 - 5 year old children which does not meet the needs of the community. The proposed project will remove the existing play structure and replace it with a new structure designed for children up to 12 years of age. Due to the small foot print of the current play structure a portion of the sidewalk here may have to be redesigned to accommodate the placement of the new structure.



Capital Improvement Project Plan

PK 22-34

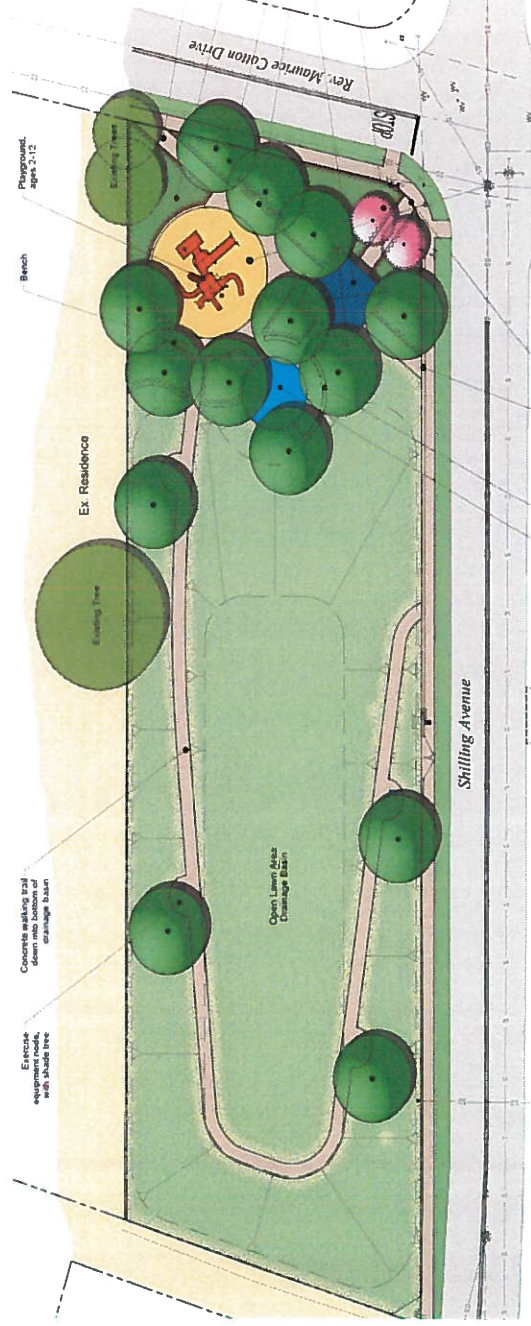
Project Number: PK 22-34
Project Name: Shilling Avenue Park Improvements
Department Responsible: Public Works
Contact Number: 209-941-7430

Project Description:

Installation of park improvements to the 1-acre retention basin at the corner of Shilling Avenue and Reverend Maurice Cotton Drive. The proposed park will include a perimeter walking trail with a one-foot fence, 3 outdoor fitness stations, a small children's play structure, a water play fountain, shaded picnic table with barbecue and park benches.

Justification:

This parcel serves as a storm water flood protection for the surrounding neighborhood. This project will split the existing parcel into a retention basin and a new park without impacting the flood protection of the neighborhood.



Community Center and Generations Center Marquees

PK 24-02

Project Number:
PK 24-02

Project Name:
Community Center and Generations Center Marquees

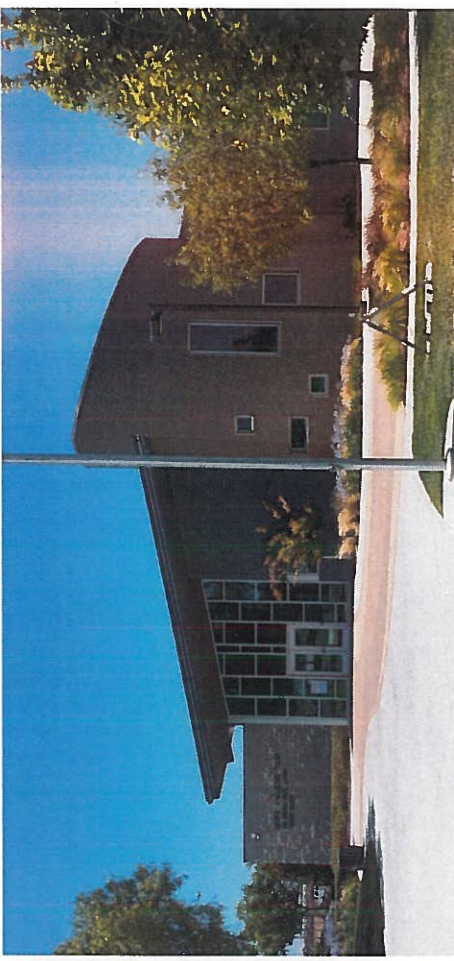
Department Responsible:
Public Works

Contact Number:
209-941-7430

Project Description:
The Community Center and Generations Center will each get one large outdoor digital marquee.

Justification:

The large digital marquees outside of the Community Center and Generations Center will allow for advertisement to the public of City special events, programs, classes, sports and available services. The marquees will be visible to both pedestrian and vehicular traffic.



7th Street Park Design

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.



PARK REVITALIZATION PROJECT

PK 24-04

Project Number:
PK 24-04

Project Name:
Park Revitalization Project

Department Responsible:
Public Works

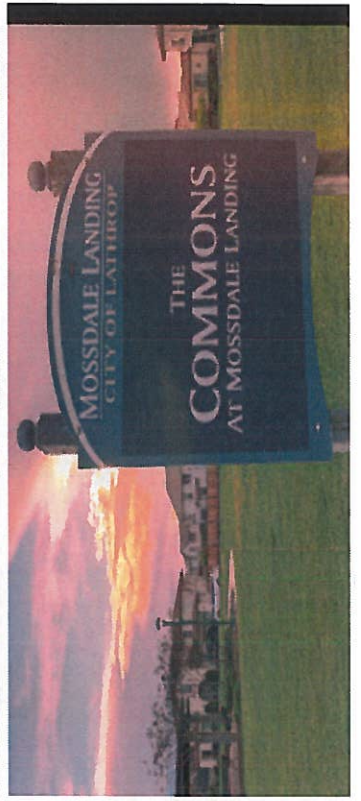
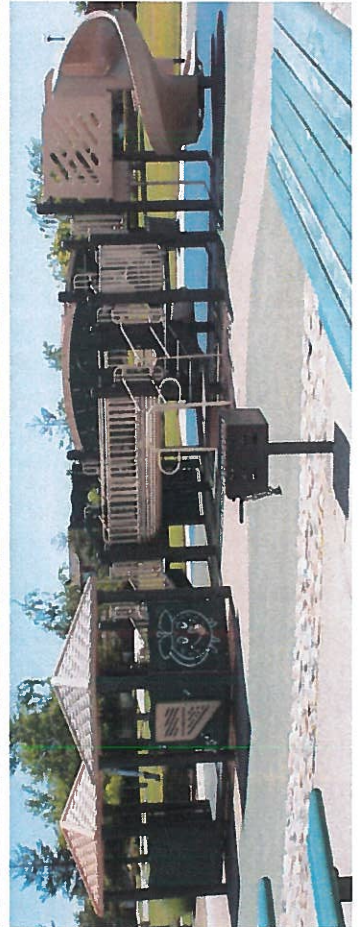
Contact Number:
209-941-7430

Project Description:

The City of Lathrop will embark in a park revitalization campaign where 7 parks (Mosssdale Landing Community Park, The Commons, LGC/Stanford Park/Skate park, Park West, Libby Park, Thomsen Park, and Basin Park) will be enhanced with additional safety features, new landscaping, new fencing, updated basketball courts, reseal/repainted parking lots, new playgrounds, dumpster enclosure, chain/bollard, splash pad & shade structure (Park West), fitness equipment & rubberized surface (Libby Park), and a new recycled water tank (Mosssdale Park). Sangalang Park will get a fence for the splash pad and an updated baseball field.

Justification:

City Parks foster social interaction and provide gathering spaces. Parks improve economies of its surrounding neighborhoods and positively impact the appreciation of nearby properties and the provision of free and accessible recreation.



Valverde Park Revitalization 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 will get a series of renovations to include a new splash pad, installation of chains and bollard around the entire park and baseball fields will be redone.

Justification:

The updating and maintaining of Valverde Park will contribute in the continuous health and wellness of the community, continue to encourage activities for the youth and continue to promote a safe gathering place for the community.



Capital Improvement Project Plan

PS 06-06

Project Number:
PS 06-06

Project Name:
Louise Ave & I-5 Improvements

Department Responsible:
Public Works

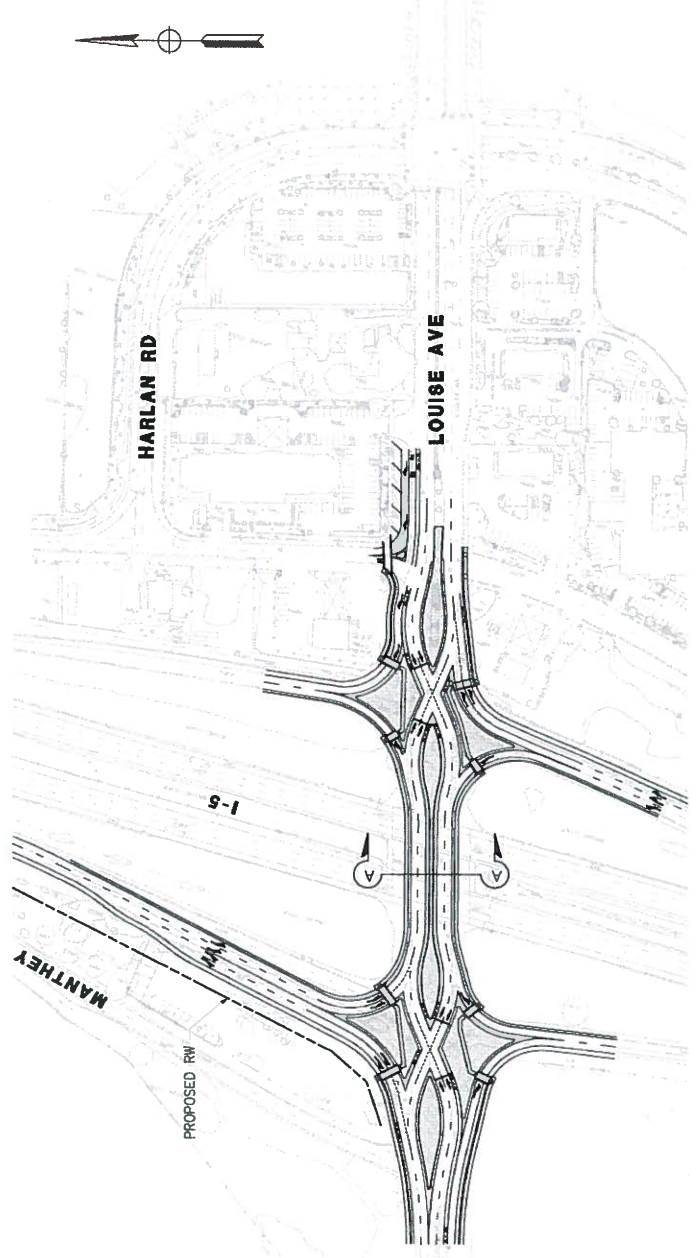
Contact Number:
209-941-7430

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, Plans, Specifications and Estimate (PS&E) and construction. Due to the large construction cost associated with the ultimate interchange improvements and the need for immediate enhancements in traffic operations, City staff has worked with Caltrans to stage the construction.

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 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



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, specifications, and estimates. 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 500 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 15-02

Project Number:
PS 15-02

Project Name:
Louise Avenue & McKinley Avenue Intersection Improvements

Department Responsible:
Public Works

Contact Number:
209-941-7430

Project Description:

The project will widen Louise Ave at the intersection with McKinley Ave and modify the current 6-phase to an 8-phase intersection. Signal modifications will include upgrades to the traffic signal equipment and street improvements will provide additional dedicated left turn lanes and protected left-turn phasing on both eastbound and westbound Louise Ave. This project will be partially funded through the Congestion Mitigation and Air Quality Improvement (CMAQ) Program.

Justification:

With new development in the vicinity, the City's Traffic Monitoring Plan (TMP) calls for upgrades to the Louise Ave / McKinley Ave intersection. Louise Ave is a key east / west route for trucks and vehicles traveling between Lathrop, Manteca, and unincorporated San Joaquin County. Improvements to the Louise Avenue & McKinley Avenue intersection will result in air quality benefits by reducing delays during peak hours and corresponding reductions in greenhouse gas emissions.



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

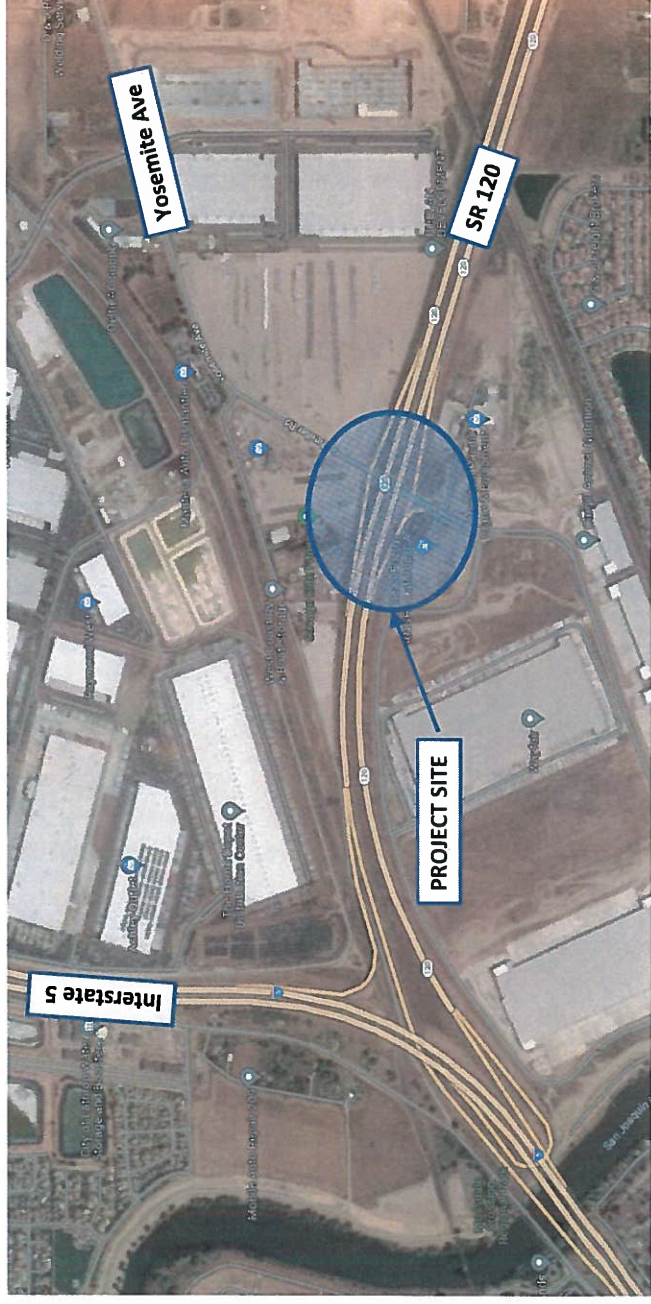
Contact Number:
209-941-7430

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 next step is to prepare a Project Approval and Environmental Documentation (PA&ED) followed by design, right-of-way acquisition and construction. Due to the large construction cost of \$29.8M, the interchange improvements will be done in phases. Phase 1 construction is estimated at \$4.7M and involves widening Yosemite Avenue (south of SR 120) to four lanes, installing traffic signal control at both ramp-terminal intersections, and widening the eastbound and westbound on/off-ramps. Phase 1 improvements need to accommodate 50% Build-out of South Lathrop Specific Plan.

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

PS22-17

Project Number:
PS 22-17

Project Name:
Lathrop Active Transportation Plan

Department Responsible:
Public Works

Contact Number:
209-941-7498

Project Description:

The City will be preparing a comprehensive active transportation plan to improve, expand, and enhance the safety of active transportation citywide. The plan will inventory and evaluate current facilities and provide direction for the development and implementation of safe and convenient active transportation travel. The plan will provide a 20-year timeframe for improvements and guide the incorporation of high-quality and low stress bicycle and pedestrian infrastructure within the community as development occurs.

Justification:

The City seeks to prioritize active transportation travel through the preparation of a community based master plan. The plan will identify a network of bikeways and pedestrian improvements that will improve resident health, increase travel choices, reduce transportation costs, and reduce collisions. The increased access will serve youth linkage to schools and other destinations and will prioritize disadvantaged community areas.



Capital Improvement Project Plan

PS22-18

Project Number:
PS 22-18

Project Name:
Class 2 - Bikeway to ACE Station

Department Responsible:
Public Works

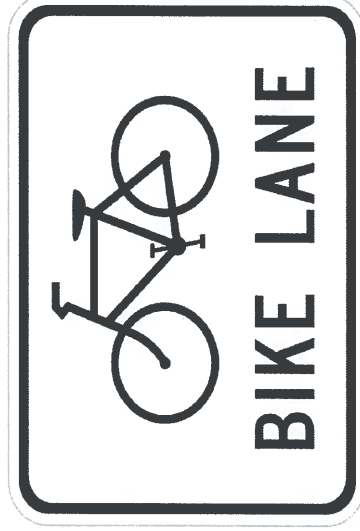
Contact Number:
209-941-7498

Project Description:

The project will design and construct approx. 4.2-miles of Class 2 bikeway south on Harlan Road from Louise Avenue to the Lathrop/Manteca ACE Station. The project will include striping, signal and signing improvements to facilitate the bikeway for multi-modal users. The project will connect residents north of Louise Avenue and in the growing River Islands neighborhood to the Lathrop/Manteca ACE commuter train station.

Justification:

The project will provide a safer connection for bicyclists between multiple transit facilities, commercial / job centers to promote active transportation to and from the ACE station. The project provides a modal choice that will reduce local traffic congestion, thereby reducing greenhouse gas emissions and improving air quality.



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

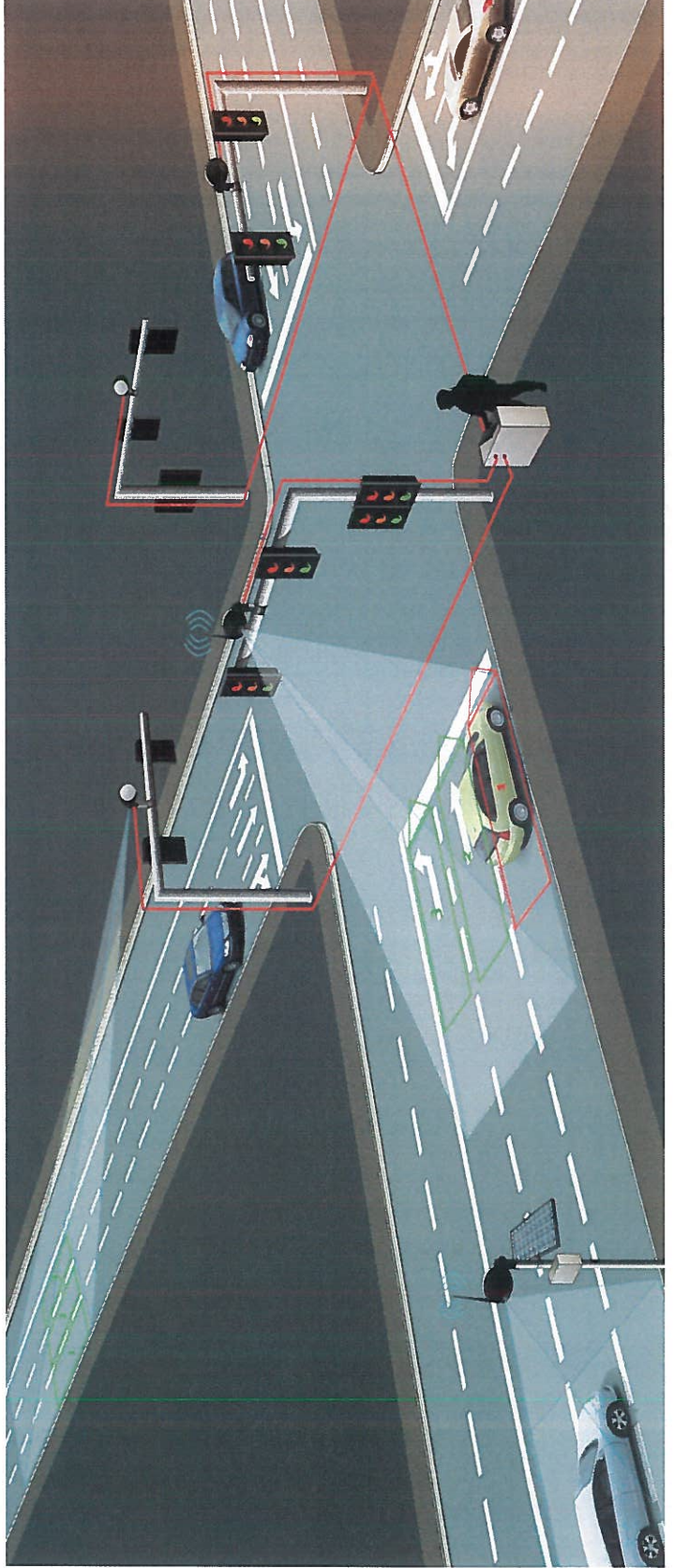
Contact Number:
209-941-7430

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



Capital Improvement Project Plan

PS 23-09

Project Number:
PS 23-09

Project Name:
Sidewalk Infill at J St and 5th St Intersection

Department Responsible:
Public Works

Contact Number:
209-941-7430

Project Description:

The project will provide improvements of the roadway and sidewalk from the centerline of 5th Street to 250 feet west of the intersection with J Street. This segment will be paved to accommodate parking and bike lanes and connect to the existing curb and gutter on both sides of the road. The existing driveways will be reconstructed and transitioned to the new surface flow line. The improvements will provide pedestrian connectivity within the neighborhood and through the intersection.

Justification:

The intersection of "J" Street and 5th Street is an all-way stop controlled intersection with curb returns only at the north and south of the easterly legs. Sidewalk connectivity is needed to provide ADA compliant pedestrian paths, wheelchair ramps, curb and gutter to tie in to newly paved surface.



Capital Improvement Project Plan

PS 23-18

Project Number:
PS 23-18

Project Name:
McKinley Avenue Pavement Project

Department Responsible:
Public Works

Contact Number:
209-941-7430

Project Description:

The project will rehabilitate the existing pavement on McKinley Ave between Louise Ave and Yosemite Ave through a Full-Depth Reclamation (FDR). FDR is an in-place recycling method for reconstruction of existing flexible pavements using the existing pavement section material as the base for the new roadway-wearing surface. This process can include adding chemicals to the base layer in order to increase its strength capacity. The treatment of the base layer and recycled asphalt provides a stronger foundation for present and future traffic. This is a cost-effective process to expand the lifespan of the road.

Justification:

The existing deficiencies on McKinley Ave include alligator cracks, small potholes, and faded striping. Potholes can damage vehicles and should be repaired as soon as possible. Cracks provide an opening for water to enter the asphalt and the subbase, and with raining, the cracks and damages will increase significantly. Repaving McKinley Ave is needed to accommodate future STAA truck volume.



Capital Improvement Project Plan

PS 24-05

Project Number:
PS 24-05

Project Name:
FY 2023/24 Pavement Maintenance

Department Responsible:
Public Works

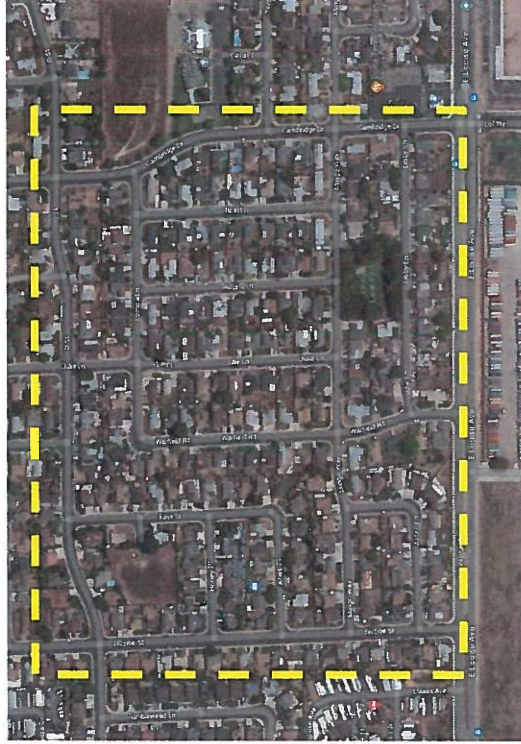
Contact Number:
209-941-7430

Project Description:

The project consists of pavement replacement and striping for the neighborhood and collector roads bound by Louise Avenue, Bizzibe Street, Cambridge Drive and O Street. Exact locations will be determined utilizing the City's Pavement Management System and field observations.

Justification:

The neighborhood and collector roads bound by Louise Avenue, Bizzibe Street, Cambridge Drive and O Street have numerous cracks and are in need of maintenance. In addition, a water main and lateral replacement project that will take place in Summer 2023, which will accelerate the need for new pavement.



Capital Improvement Project Plan

PS 24-06

Project Number:
PS 24-06

Project Name:
Pavement Maintenance and Repair Project/ City Wide Slurry Seal

Department Responsible:
Public Works

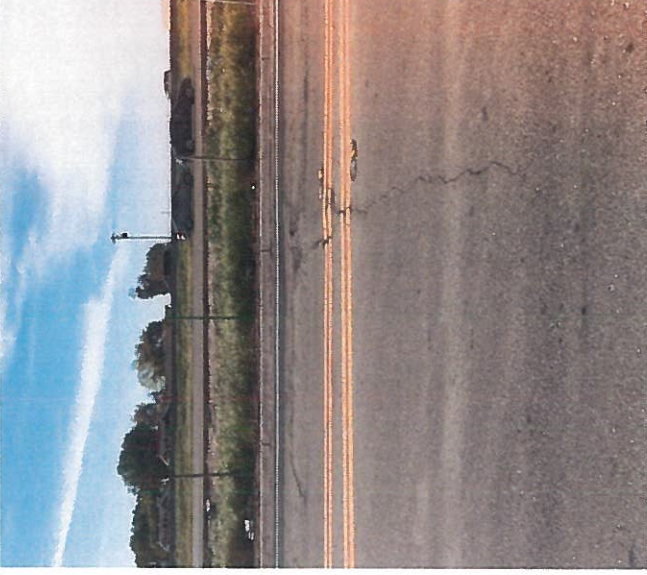
Contact Number:
209-941-7430

Project Description:

The project consists of slurry sealing and re-stripping various roadways throughout the City. Exact locations will be determined utilizing the City's Pavement Management System. The Pavement Management System assess the roadways existing condition by assigning a Pavement Condition Index (PCI) rating and determining the appropriate pavement maintenance method.

Justification:

Slurry sealing 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. Slurry sealing is a cost effective way to extend a roadway's service life and improve safety.



Capital Improvement Project Plan

PS 24-07

Project Number:
PS 24-07

Project Name:
FY 23/24 Traffic Calming

Department Responsible:
Public Works / Angel Abarca

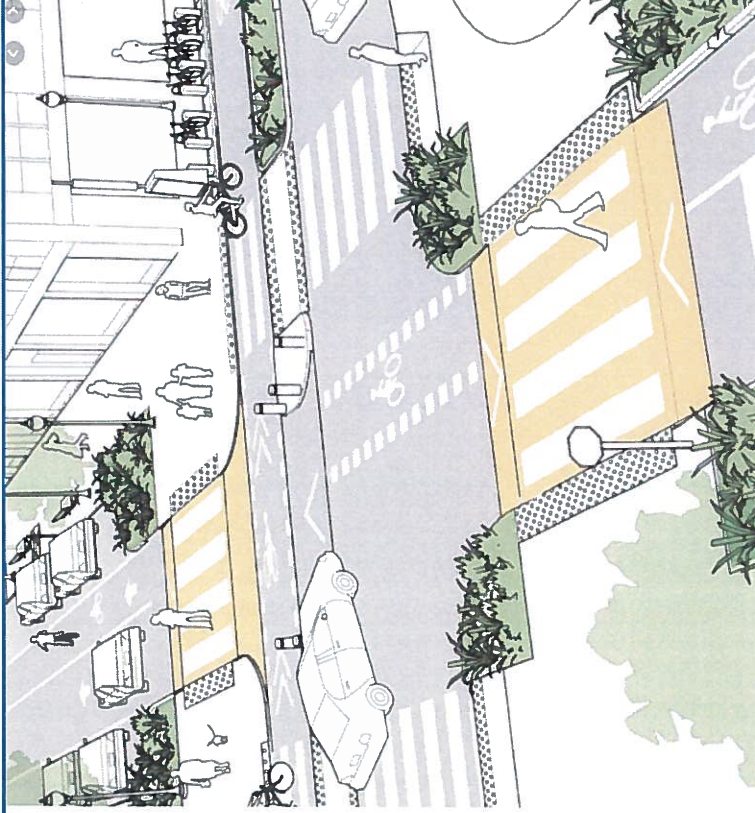
Contact Number:
209-941-7430

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.



Capital Improvement Project Plan

PS 24-08

Project Number:
PS 24-08

Project Name:
Slate Street Sidewalk Improvements

Department Responsible:
Public Works

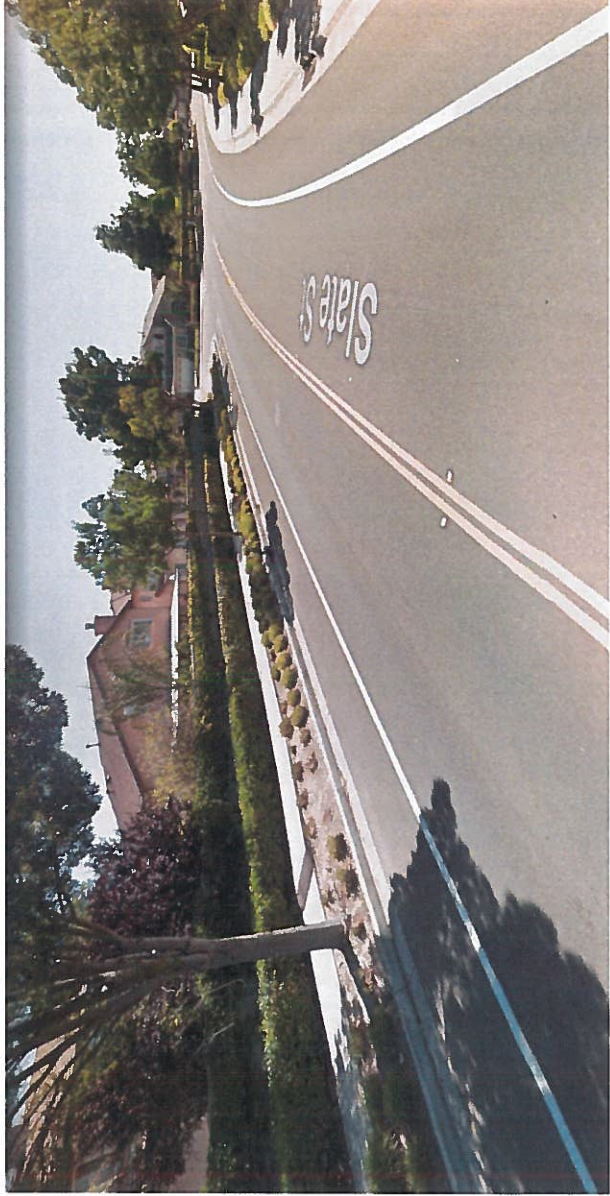
Contact Number:
209-941-7430

Project Description:

The project will repair sidewalk panels with vertical offsets that are not ADA compliant. The scope of work includes slice-cutting minor concrete panel lifts, and grinding off with full reconstruction on heavily damaged segments. The project will also remove street trees roots and evaluate intersections for installation of ADA curb ramps.

Justification:

The proposed improvements will eliminate tripping hazards and provide safe pedestrian paths through the neighborhood and areas that front Joseph Widmer Elementary School.



Capital Improvement Project Plan

PS 24-09

Project Number:
PS 24-09

Project Name:
Update Lathrop Bicycle Master Plan

Department Responsible:
Public Works / Angel Abarca

Contact Number:
209-941-7430

Project Description:

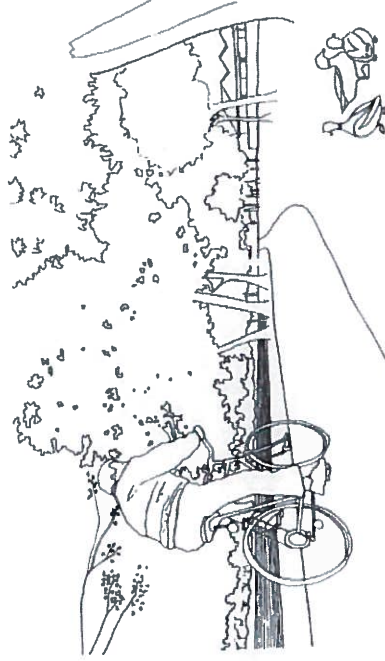
The project will update the City bicycle master plan for consistency with the San Joaquin County Regional Bicycle Master Plan.

Justification:

The Bicycle Transportation Plan (BTP) provides goals, policies, and programs for the improvement of bicycling conditions within the community. It also provides direction for the development of new bikeways as future growth occurs in Lathrop's sphere of influence. The Plan outlines a comprehensive system of bikeways, that when fully improved and developed, will provide safe and convenient bicycle travel throughout the community.



LATHROP BICYCLE PLAN



The Bicycle Plan provides a 20 year program for the development of a comprehensive network of community bikeways

Capital Improvement Project Plan

PW 20-16

Project Number:
PW 20-16

Project Name:
Groundwater Treatment Improvements

Department Responsible:
Public Works

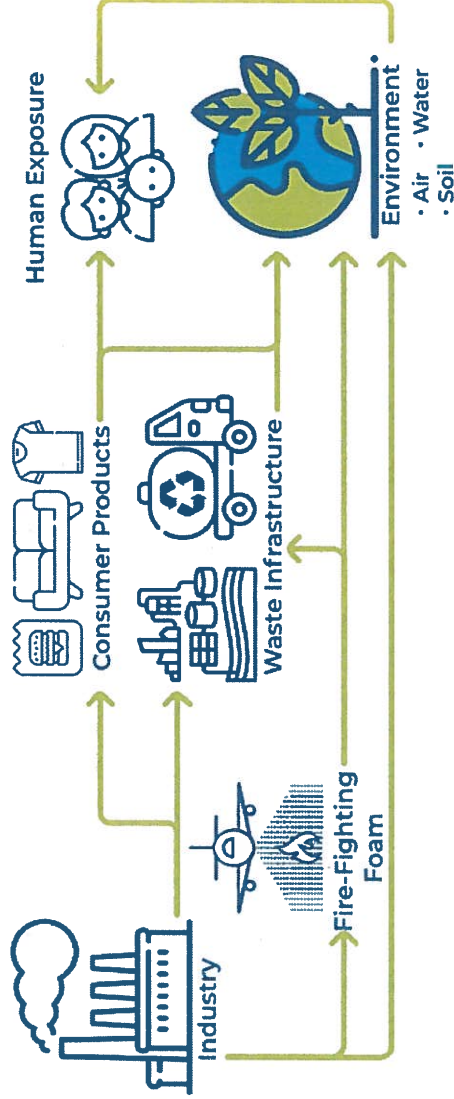
Contact Number:
209-941-7430

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 Plan

PW 22-20

Project Number:
PW 22-20

Project Name:
Northern McKinley Industrial Area Fire Flow Improvements

Department Responsible:
Public Works

Contact Number:
209-941-7430

Project Description:

The Northern McKinley Industrial Area Fire Flow Improvements Project consists of: installing approximately 530 LF of 12-inch main from McKinley Avenue to complete the loop in the private road at an industrial park; replacing approximately 1,920 LF of existing 8-inch main with 12-inch main; replacing three existing 6-inch hydrants and laterals with new 8-inch hydrants and laterals; replacing approximately 1,920 LF of existing 8-inch main with 12-inch main.

Justification:

This project is recommended in the Potable Water Master Plan update to improve fire flow in the Northern McKinley Industrial Area.



Capital Improvement Project Plan

PW 22-21

Project Number:
PW 22-21

Project Name:
McKinley Avenue and East Louise Avenue Fire Flow Improvements

Department Responsible:
Public Works

Contact Number:
209-941-7430

Project Description:

The McKinley Avenue and East Louise Avenue Fire Flow Improvements Project consists of: installing approximately 90 LF of 8-inch piping from the McKinley Avenue main to the parallel main for looping in the area; and replacing two existing 6-inch hydrants and laterals with new 8-inch hydrants and laterals.

Justification:

This project is recommended in the Potable Water Master Plan update to improve fire flow along a short parallel main on McKinley Avenue south of East Louise Avenue.



Capital Improvement Project Plan

PW 22-36

Project Number:
PW 22-36

Project Name:
Aquifer Storage and Recovery

Department Responsible:
Public Works

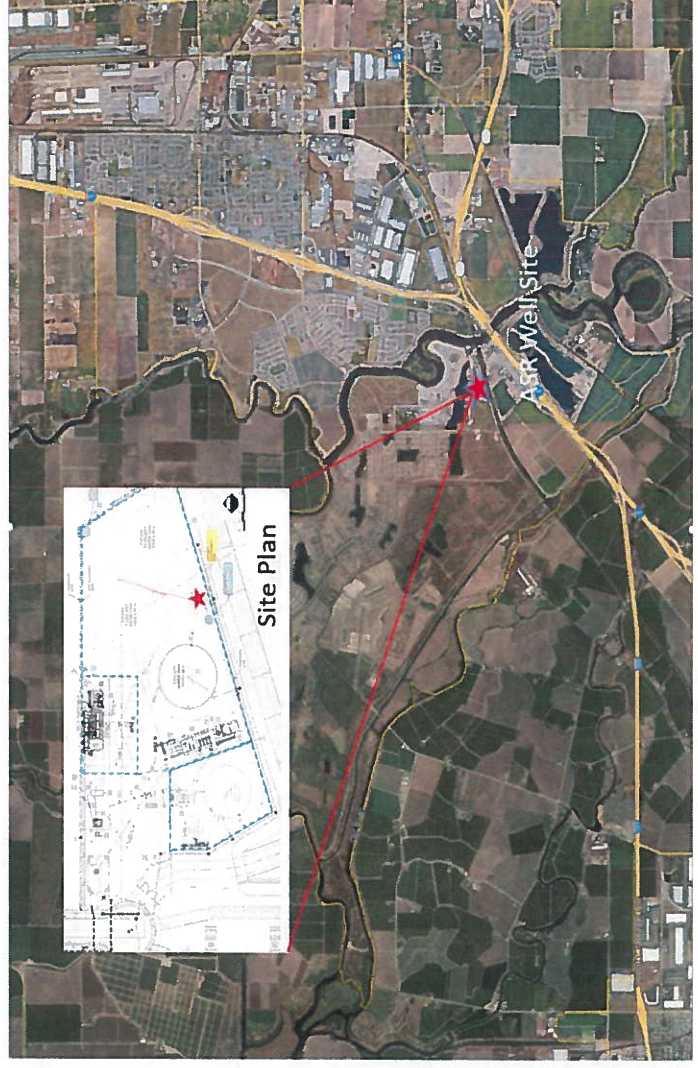
Contact Number:
209-941-7430

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 Improvement Project Plan

PW 22-37

Project Number:
PW 22-37

Project Name:
Well 10 Testing, Analysis and Modifications

Department Responsible:
Public Works

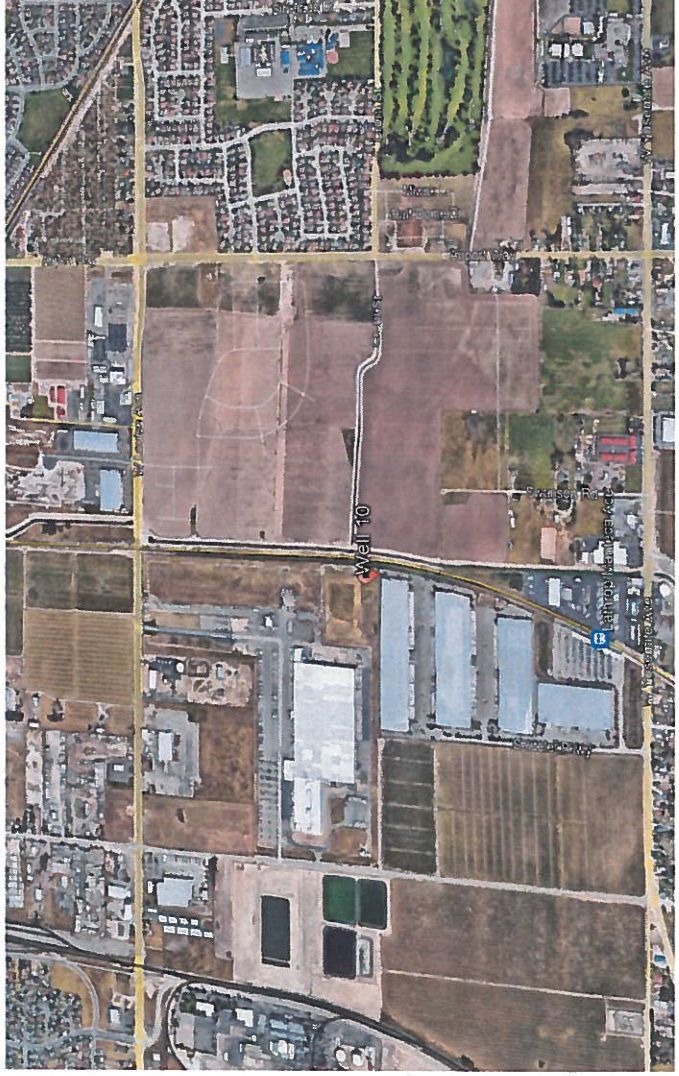
Contact Number:
209-941-7430

Project Description:

Well 10 is one of four active wells comprising the City's groundwater supply which has been experiencing sanding and other maintenance issues. This project will provide testing, analysis and recommended maintenance and well modifications needed to improve the performance and efficiency of Well 10.

Justification:

This project is needed to rehabilitate Well 10 in order to address sanding and other concerns related to the well performance.



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 24-11

Project Number:
PW 24-11

Project Name:
Murphy Pkwy Fire Flow Loop to Harlan Rd

Department Responsible:
Public Works

Contact Number:
209-941-7430

Project Description:

The project consists of installing a 12-inch water main from Murphy Parkway across to Harlan Rd to complete the loop for improved fire flow and reliability of the water system at the north end of Murphy Parkway. The process includes replacing an existing 8-inch main with 12-inch main..

Justification:

This project is recommended in the Potable Water Master Plan and will replace an old and unreliable pipe that is currently in use.



Capital Improvement Project Plan

PW 24-12

Project Number:
PW 24-12

Project Name:

Water Lateral and Main Upgrades to Bizzibe St, Cambridge Dr, and O St

Department Responsible:
Public Works

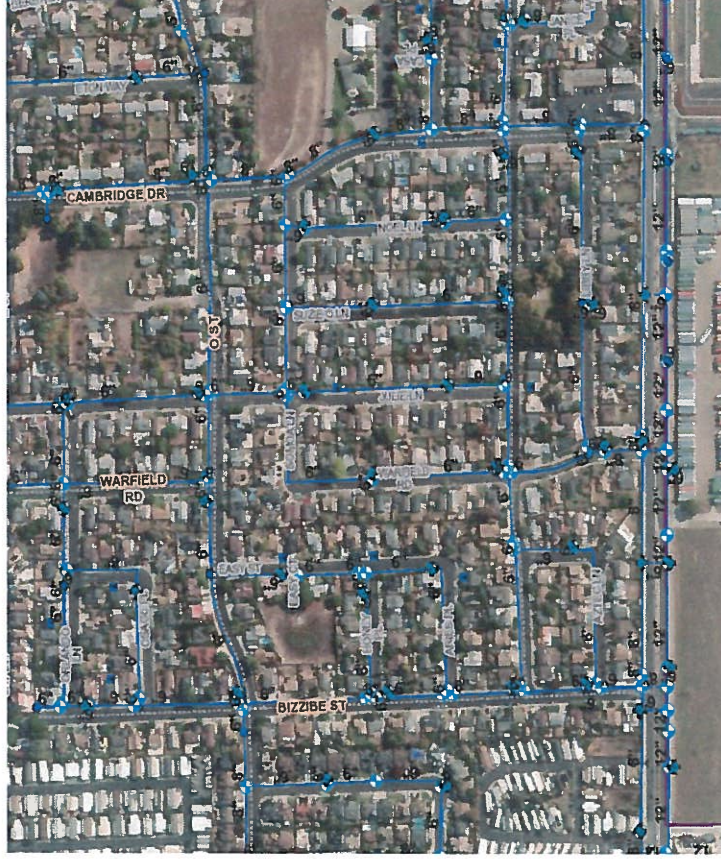
Contact Number:
209-941-7430

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, which is not placed according to current City Standards resulting in frequent main and 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 Plan

SD 22-23

Project Number:
SD 22-23

Project Name:
Citywide Storm Drain Pump Station Improvements

Department Responsible:
Public Works

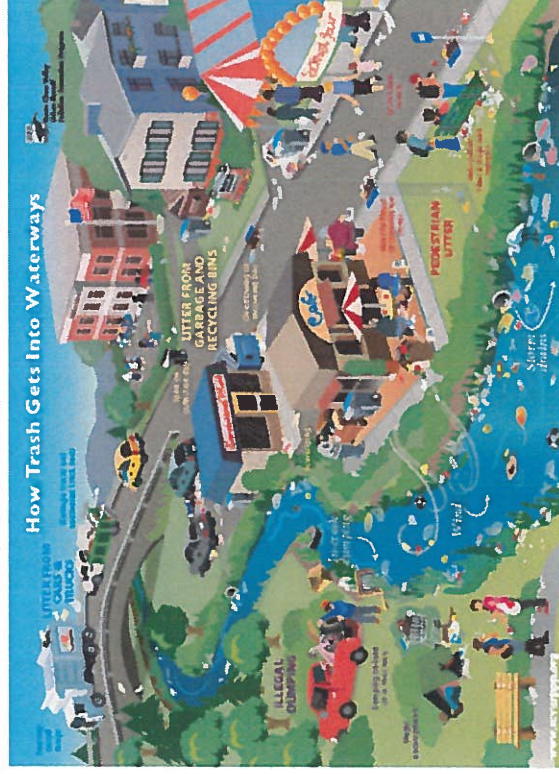
Contact Number:
209-941-7430

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). All Phase II permittees are subject to the Trash Amendments and Implementation Program that require full trash capture devices be installed for all high density residential, commercial, industrial, mixed urban and public transportation land use areas by year 2025. Full trash capture devices can consist of low flow devices installed at catch basins or high flow trash capture devices installed at stormwater pump stations.

Justification:

Trash introduced to waterways from storm water runoff is a leading cause of surface water pollution throughout the State. Compliance with the NPDES Small MS4 Phase II General Permit and associated Trash Amendments for storm water discharges is required for the City to protect water quality and prevent trash from entering surface waters.



Capital Improvement Project Plan

WW 20-17

Project Number:
WW 20-17

Project Name:
LCTF Surface Water Discharge

Department Responsible:
Public Works / Ken Reed

Contact Number:
209-941-7363

Project Description:

The City has initiated a project to construct the necessary infrastructure and obtain a National Pollutant Discharge Elimination System (NPDES) permit from the Central Valley Regional Water Quality Control Board (RWQCB) to allow discharge of tertiary treated effluent from the Lathrop Consolidated Treatment Facility (LCTF) to the San Joaquin River. CEQA has been completed and coordination with the RWQCB for the NPDES permit adoption is in progress. The project design is also in progress for planned modifications at the LCTF and pipelines to convey the effluent to the river.

Justification:

The treated effluent from the LCTF is currently disposed of using various ponds and land applications sites. The ability to dispose of LCTF effluent to surface water is necessary as the City's wastewater flows increase and land becomes unavailable for disposal. Project objectives also include to provide for efficient, cost-effective wastewater services for planned City buildout and development, and to maximize the use of recycled water.



Capital Improvement Project Plan

WW 22-24

Project Number:
WW 22-24

Project Name:
Integrated Water Resources Master Plan Update (Wastewater)

Department Responsible:
Public Works

Contact Number:
209-941-7430

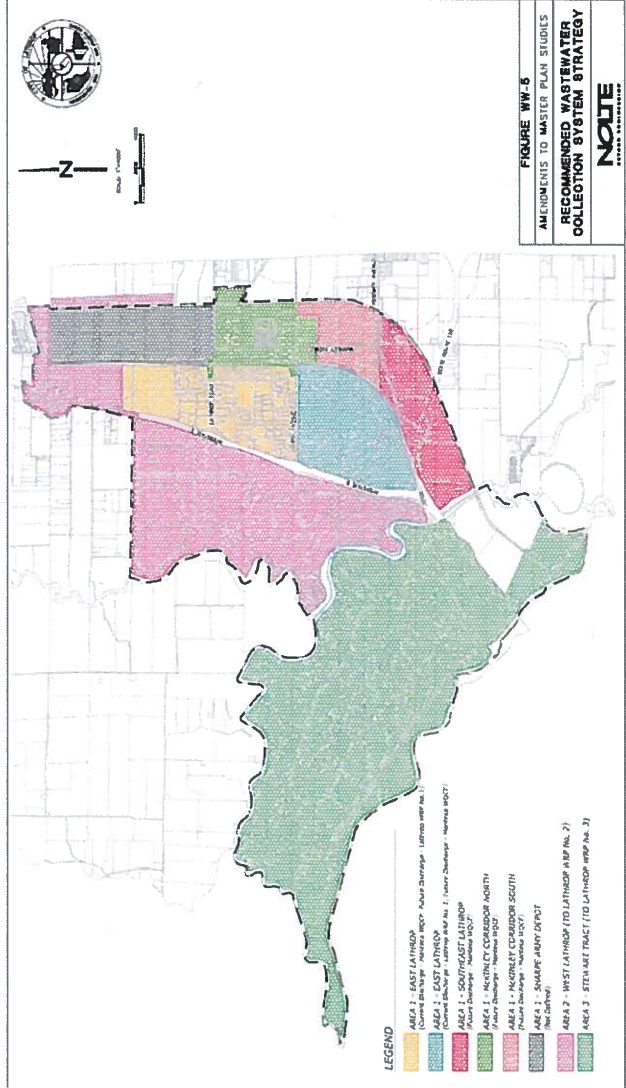
Project Description:

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 22-38

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 provide up to an additional 2 Million Gallons per Day (MGD) of treatment capacity and potentially expand the permitted capacity of the existing facility to 4.5 MGD. The initial phase of work is anticipated to be completed over the next 8 to 12 months. After completion of the project design and funding agreement, the bidding, permitting and construction phases of the project are anticipated to take about 18 months to complete.

Justification:

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



CAPITAL IMPROVEMENT PROJECT

WW 24-14

Project Number:
WW 24-14

Project Name:
Wastewater Lift Station Access Modifications

Department Responsible:
Public Works

Contact Number:
209-941-7430

Project Description:

This project provides modifications to improve Mossdale and Sanglang Sewer Pump Stations to access to the wastewater pumps.

Justification:

This project aims to improve both the safety and accessibility of our Operators.

PROJECT NAME

WW 24-15

Project Number:
WW 24-15

Project Name:
Ozone Upgrade for Wastewater Pump Stations

Department Responsible:
Public Works

Contact Number:
209-941-7430

Project Description:

This project provides ozone generators for the City's wastewater pump stations in order to oxidize and eliminate pathogens and improved odor control.

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 the addition of these Ozone units.

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 used for agricultural and landscape irrigation and 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

RW 24-16

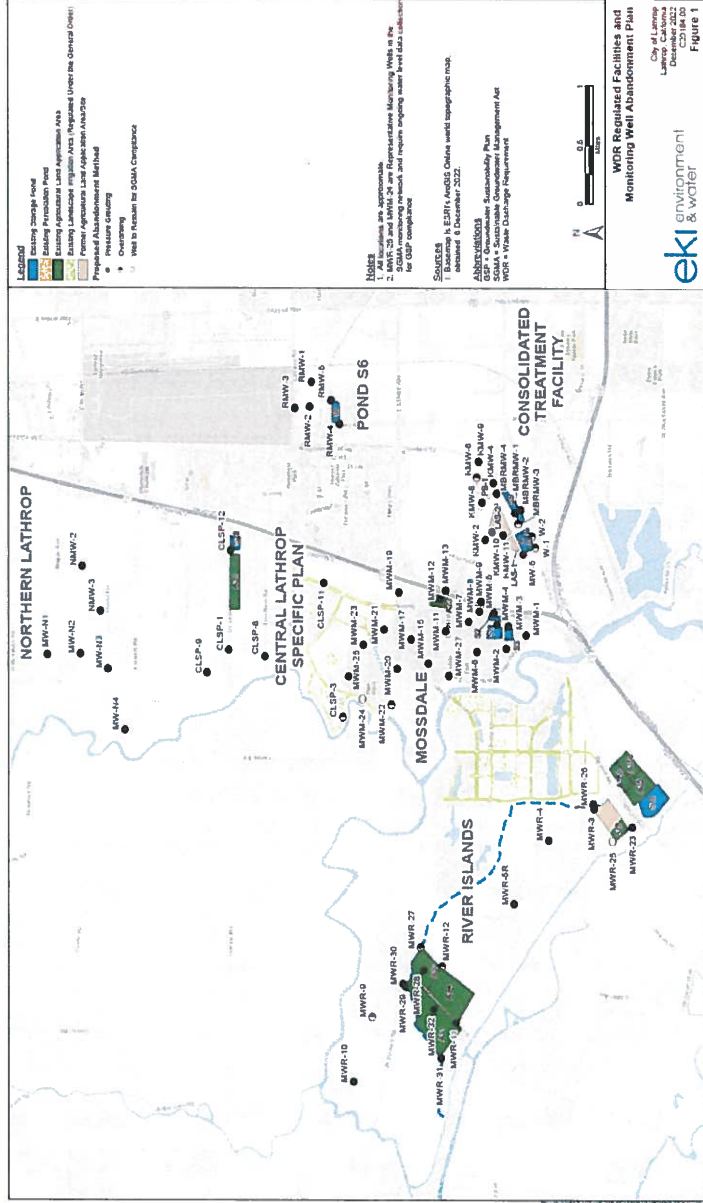
Project Number: RW 24-16
Project Name: Recycled Water System Decommissioning
Department Responsible: Public Works
Contact Number: 209-941-7430

Project Description:

This project is to remove the monitoring well network and decommissioning of recycled water facilities that are no longer needed for land disposal of effluent from the Lathrop Consolidated Treatment Facility (LCTF). The Waste Discharge Requirements (WDR) Order R5-2016-0028-03 is to be rescinded to provide regulatory coverage under either the NPDES Order for discharge to the San Joaquin River, or the Recycled Water General Order. There are a total of 67 monitoring wells (34 privately owned and 33 City owned) that need to be abandoned according to well abandonment procedures that are permitted through the County. Recycled water facilities to be decommissioned include; recycled water storage basins, pump stations, agricultural land application areas and a percolation basin.

Justification:

The monitoring well network needs to be removed according to the Closure Plan that was submitted to the Regional Water Quality Control Board (RWQCB) for the LCTF WDR Order rescission. Numerous recycled water facilities need to be decommissioned and lands vacated and returned to the original owners in accordance to existing developer agreements.



Capital Improvement Project Plan

PS 06-16

Project Number:
PS 06-16

Project Name:
Lathrop Road & I-5 Improvements

Department Responsible:
Public Works / Michael King

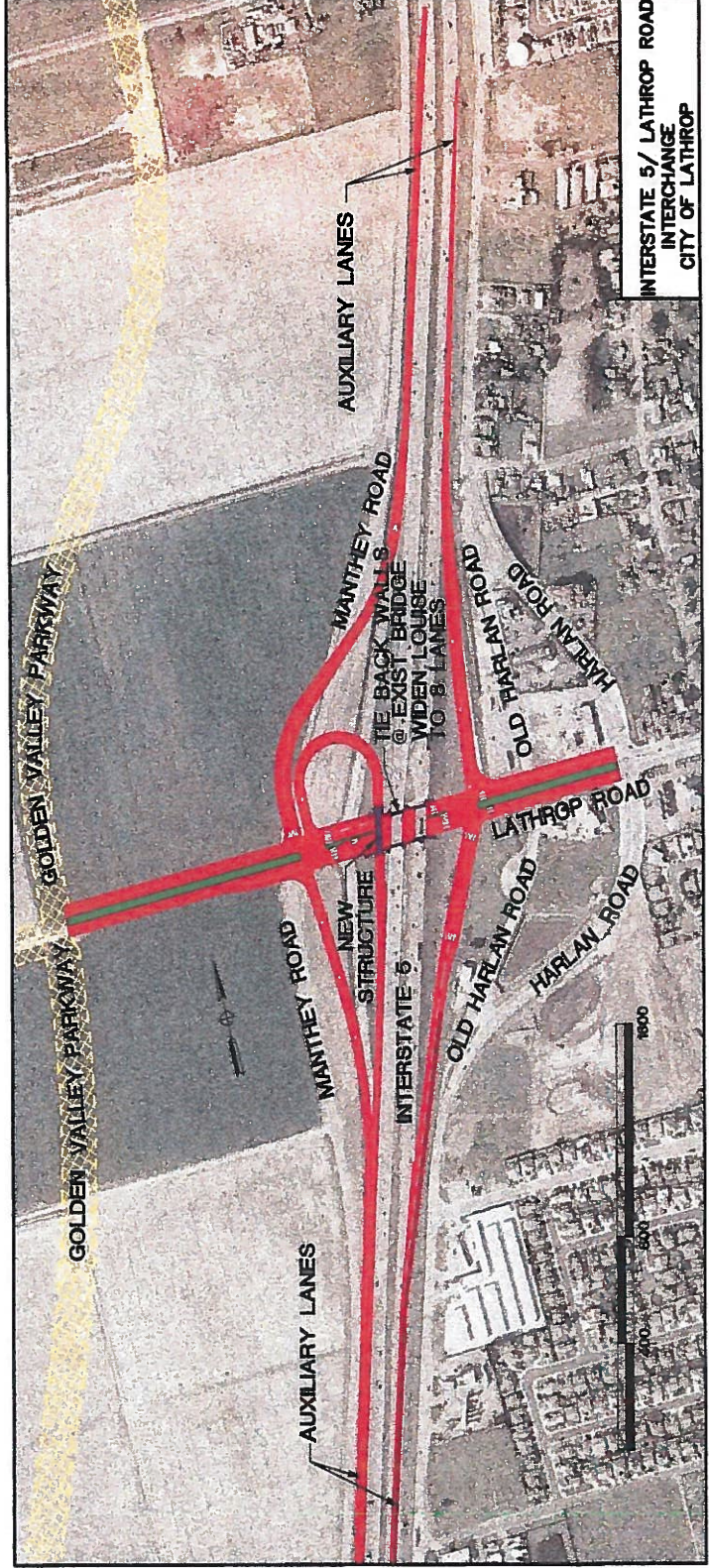
Contact Number:
209-941-7430

Project Description:

This project completes the ultimate interchange improvements at Lathrop Road and Interstate 5. Interim improvements were constructed as part of CIP PS10-28 at this interchange to ensure that adequate level of traffic services were met. The ultimate interchange improvements include relocating and widening northbound and southbound ramps, signal improvements, and retaining wall construction. Mark Thomas & Company has completed the traffic study and prepared a geometric layout. A Project Study Report (PSR) needs to be submitted to Caltrans to initiate the project. Currently the project is on hold and timing is dictated by the development of central Lathrop.

Justification:

This project will provide relief for existing congestion and will accommodate traffic for near future development within the local interchange area.



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

SD 08-07

Project Number:
SD 08-07

Project Name:
Shilling Storm Water Pump Station & Force Main

Department Responsible:
Public Works

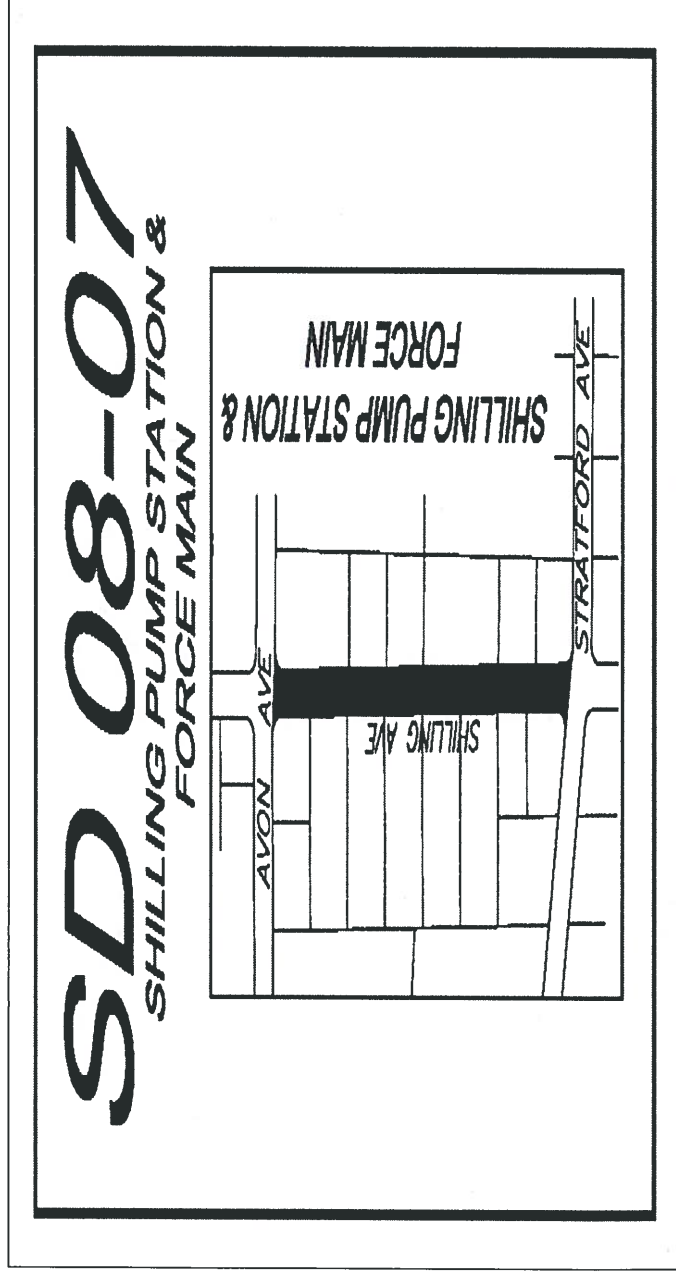
Contact Number:
209-941-7430

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.



Regulatory Compliance Program

GG 22-31

Project Number:
GG 22-31

Project Name:
ADA Transition Plan Update

Department Responsible:
Public Works

Contact Number:
209-941-7430

Project Description:

The City contracted with Moore Iacofano Goltsman, Inc. (MIG) in 2023 to provide an updated survey of City owned facilities and identify physical barriers and estimated costs for modifications to remove accessibility barriers.

Justification:

The ADA Transition Plan Implementation project is needed to meet compliance with federal regulations to provide access to individuals with disabilities to civic facilities, services, programs and activities.



Capital Improvement Project Plan

PS 24-17

Project Number:
PS 24-17

Project Name:
Annual Striping Project

Department Responsible:
Public Works

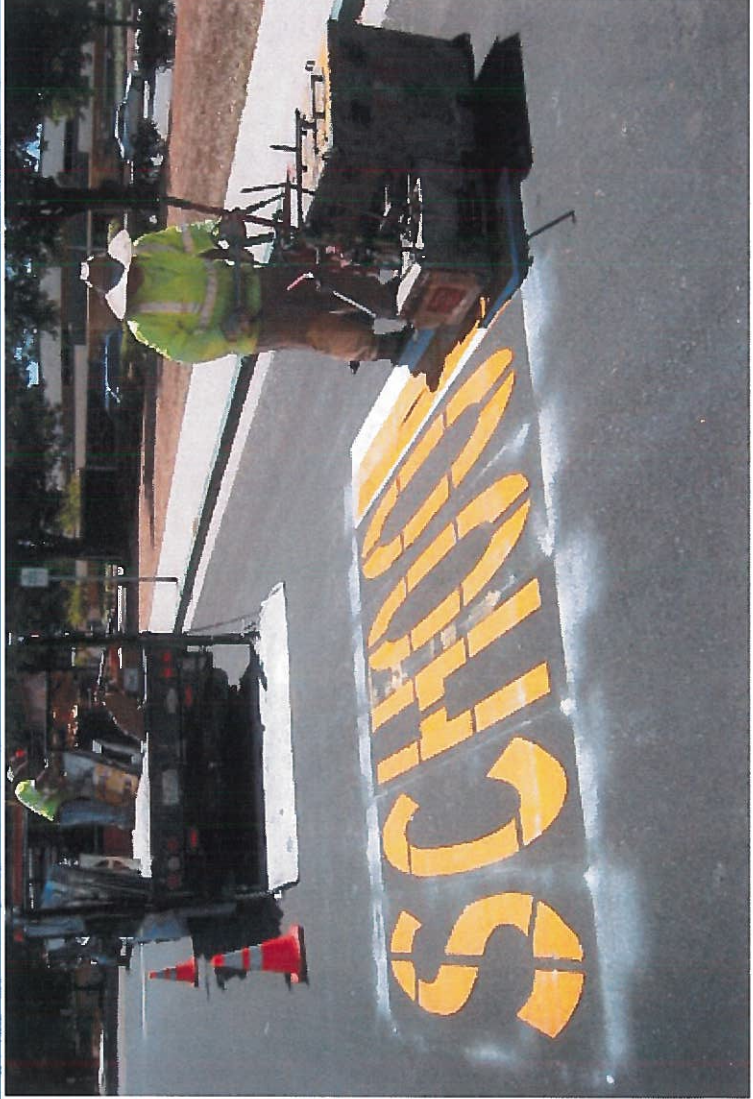
Contact Number:
209-941-7430

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.



Regulatory Compliance Program

PW 24-18

Project Number:

PW 24-18

Project Name:

Lead and Copper Rule Revisions

Department Responsible:

Public Works

Contact Number:

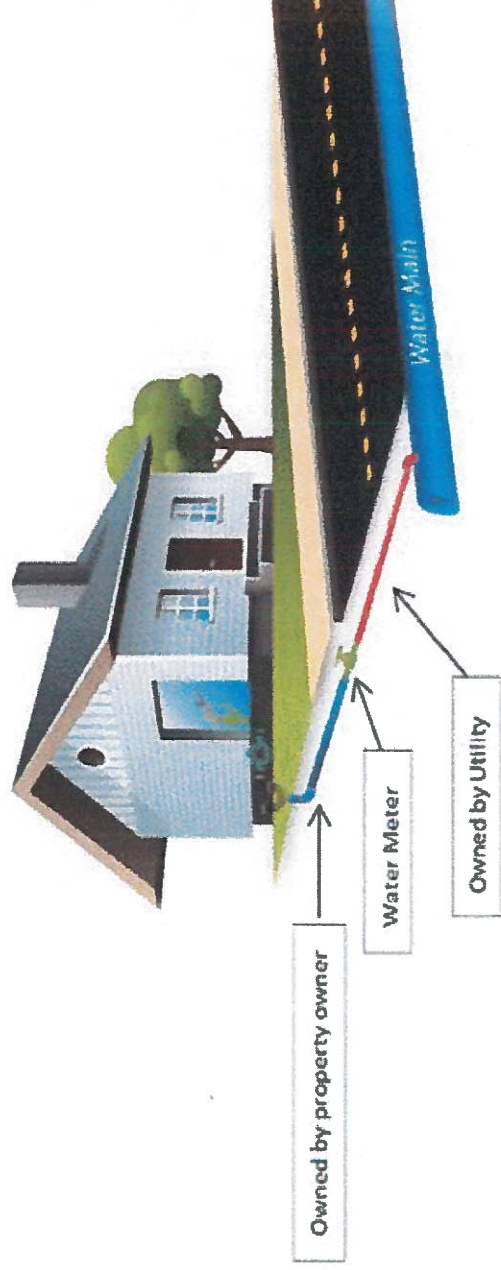
209-941-7430

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

PW 24-19

Project Number:

PW 24-19

Project Name:

Sustainable Groundwater Management Act Compliance

Department Responsible:

Public Works

Contact Number:

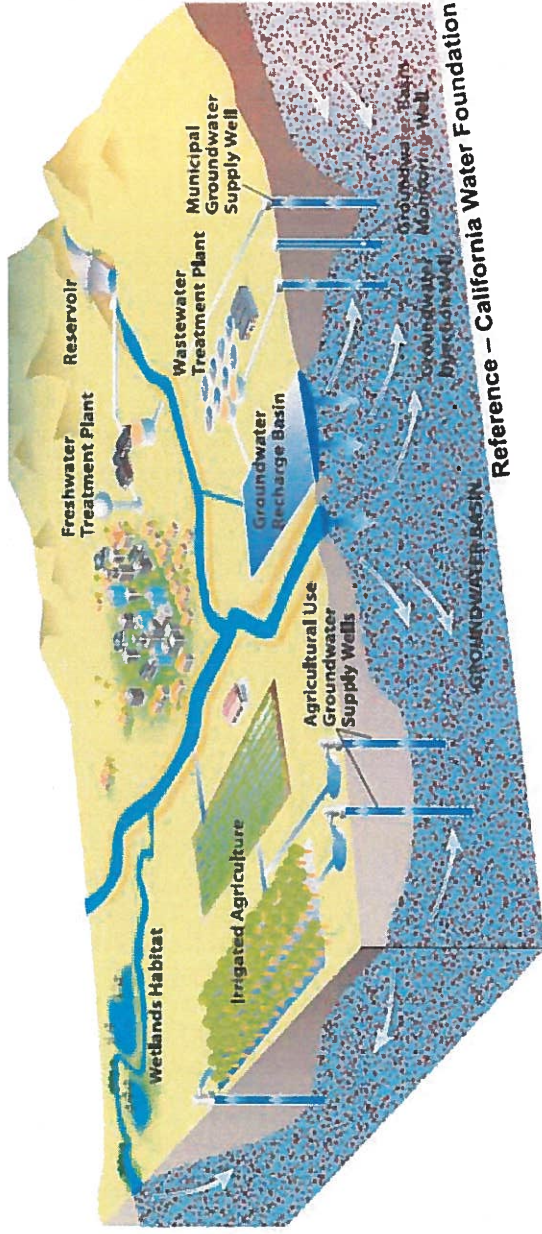
209-941-7430

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

PW 24-20

Project Number:
PW 24-20

Project Name:
Urban Water Management Plan

Department Responsible:
Public Works

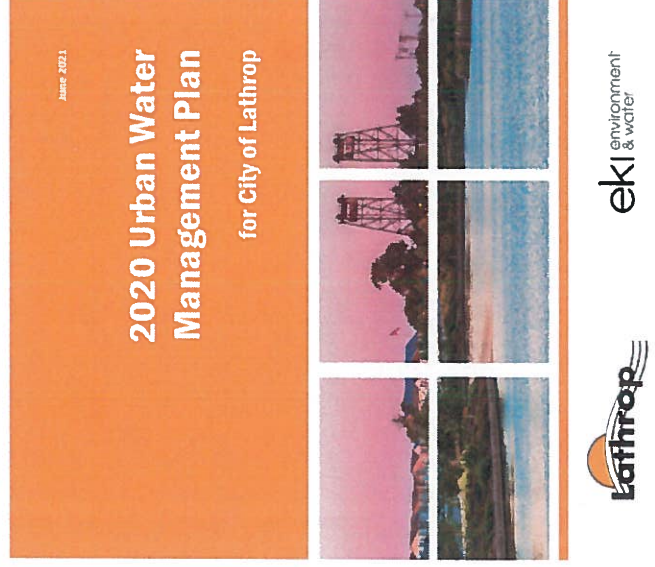
Contact Number:
209-941-7430

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, 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.



Regulatory Compliance Program

SD 24-21

Project Number:
SD 24-21

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). Permit compliance activities include developing and implementing programs for education and outreach, public involvement and participation, illicit discharge and detection, construction site runoff control, pollution prevention/good housekeeping, post construction stormwater management and other activities. The City must submit an annual report summarizing the past year 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.



Regulatory Compliance Program

WW 24-22

Project Number:
WW 24-22

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

