FY 2021-22
CAPITAL IMPROVEMENT PROGRAM
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• Long-range plan for capital improvement projects & funding sources.
• Guided by General Plan goals & policies.
• Identifies projects, priorities & financing of public improvements.
• CIP funding annually appropriated, coinciding with City budget.
• Enhances quality of life.
CIP OVERVIEW

- 243 total projects.
- 22 classified as “new” projects increasing the overall CIP by $35.8 million

<table>
<thead>
<tr>
<th>New or Future Projects Breakdown</th>
<th># of New Projects</th>
<th>FY 21-22 Budget</th>
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<tbody>
<tr>
<td>Capital Grants - CIP Projects-3140</td>
<td>2</td>
<td>$14,990,000</td>
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<td>Capital Grants - Streets CIP Projects-3160</td>
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<td>Capital Grants - HUD CIP Projects-3170</td>
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<td>Measure L - Capital Projects-3300</td>
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<td>Water Fund - CIP Projects-4180</td>
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<td>Sewer Operations Fund-4210</td>
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<td>Golf Fund-4600</td>
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<td><strong>Grand Total</strong></td>
<td><strong>22</strong></td>
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FY 21-22 PERCENTAGE BY CIP CATEGORY
HIGHLIGHTS: EXISTING AND COMPLETED CAPITAL IMPROVEMENT PROJECTS
CIP #101119 – SR-132 Phase 1

- Construct 2-lane expressway from Dakota Ave. to Needham St.
- Project is 4 miles in length
- Construction Cost: $118 Million
- Funding Sources: CFF(Streets), Regional Measure L, State and Federal funds, STIP
- Construction began in Dec. 2019
- Anticipated completion 2022
CIP #100806 – 2016 Pavement Rehabilitation Project

- Pavement rehabilitation on La Loma from James Street to Rowland, 2 new roundabouts; at Buena Vista and Santa Ana, slurry on J St.
- Construction Cost: $2,607,573
- Funding Sources: Federal RSTP and Measure L
CIP #100632 – McHenry
Briggsmore Turn Lane

- Construct a right turn lane from southbound McHenry to westbound Briggsmore
- Construction Cost: $1,478,362
- Funding Sources: CMAQ, RSTP, CFF
COMMUNITY & ECONOMIC DEVELOPMENT
(Soon to be Under Construction)

CIP #101168 – Scenic Drive
Pavement Rehabilitation Phase 1

• Pavement rehabilitation from Lakewood to Claus, pedestrian crossing improvements, ADA upgrades
• Construction Cost: $1,530,283
• Funding Source: Measure L
CIP #101040 – Improve Traffic Flow and Safety Orville Wright School
• Pedestrian safety and traffic flow improvements near Orville Wright School
• Project Cost: $530,000
• Funding Source: Measure L

Monterey Ave at Thrasher Ave After – raised pedestrian crossing
CIP #101126 – Dry Creek Trail Maintenance

- Bike path resurfacing, new striping, signage, ADA improvements
- Projects were combined for efficiency and cost savings during construction
- Project Cost: $650,000
- Funding Source: Measure L
CIP #101170 – Tully Road Pavement Rehabilitation

- Pavement rehabilitation, new striping, ADA upgrades and vehicle detection cameras from Yale Ave. to Briggsmore Ave.
- Project Cost: $2,200,000
- Funding Source: Measure L
CIP #100966 – Pelandale Avenue Pavement Rehabilitation

- Pavement rehabilitation, new striping, ADA upgrades to eastbound lanes from Sisk Rd. to Honey Creek Rd.
- Project Cost: $2,457,493
- Funding Sources: RSTP, Measure L

(Construction Complete)
CIP #101171 – Coffee Road Pavement Rehabilitation Phase I

- Pavement rehabilitation, new striping, ADA upgrades and vehicle detection cameras from Norwegian Ave to Sylvan Ave and Mable to Claratina, also included Claratina paving and an upgrade to Coffee/Claratina roundabout

- Project Cost: $3,300,000
- Funding Source: Measure L
Questions?
PARKS, RECREATION & NEIGHBORHOODS
100911: East La Loma Park Playground

- This park partners project was initiated by the La Loma Neighborhood Association and consists of construction of a replacement playground and other site amenities. The new location is adjacent to the reservable picnic structure and parking lot.
- Project cost: $250,000
- Funding Source(s): Community Donations and Park Partners Funding
101071: TRRP Neece Drive Boat Launch

- The TRRP Neece Drive Boat Launch will provide a new river access point which will encourage non-motorized boating on the Tuolumne River.
- Project cost: $805,000
- Funding Source(s): TRRP CIP Funds, CA Division of Boating and Waterways Grant
100813: Virginia Corridor – Phase 7

- Project consists of the construction of an additional 0.75 mile of Class I bicycle and pedestrian trail from Woodrow Ave to the Hetch-Hetchy right of way at Semallon Dr. It will also include benches, pathway lighting, landscaping, and a grade separated crossing @ Standiford Ave.
- Project Cost: $4.5 million (Approximate)
- Funding Source(s): Urban Greening Grant, Congestion Mitigation and Air Quality (CMAQ), Non-Motorized Local Transportation Funds (LTF)
100866: Ralston Tower Park Renovation
(Senior Playground)

- Project consists of the construction of a senior playground in Ralston Tower Park adjacent to the senior living facility. The project will include senior exercise equipment, picnic shelter, site amenities, security cameras, pathway lighting & landscaping.
- Project Cost: $1.1 million
- Funding Source(s): Community Development Block Grant (CDBG), Land and Water Conservation Fund Grant
101109: TRRP Gateway River Overlook

- Project consists of the construction of a 330’ in length 10’-15’ wide elevated boardwalk, along the Class I multi-use trail system within the Tuolumne River Regional Park’s (TRRP) Gateway Parcel.
- Project cost: $849,940
- Funding Source(s): Federal High Priority Demo Funds (CalTrans), Natural Resources Agency River Parkways Grant Funding
101109: Carpenter Rd Area (Bellenita) Soccer Fields

- The project consists of the construction of 3 soccer fields and a parking lot adjacent to Bellenita Park. The project construction and site operation is a partnership with Stanislaus Youth Soccer League
- Project cost: $1,035,000
- Funding Source(s): Parks Funds and CA Youth Soccer Grant (CA State Parks)
101017: Mary Grogan Park - Phase 2

- Project consists of the buildout of the community park adjacent to the Mary E. Grogan Park Soccer Complex on the corner of Sylvan Ave and Litt Road. The park will feature a playground, open space, a restroom, walking paths, and other features.
- Project Cost: $2.9 million (Approximate)
- Funding Source(s): Parks CFF
101276 César E. Chávez Park Renovation

- The project consists of the complete renovation of César Chávez Park which will include an aquatics center, skate plaza, walking paths, security lighting, and various other site amenities. The neighborhood participated in 5 planning meetings.
- Project cost: $8.5 Million
- Funding Source(s): CA Statewide Parks Grant (Prop 68)
101164: TRRP Riverwalk: Gateway to Neece Dr.

- This project consists of the development of 0.8 miles of Class I Bike trail as well as an ADA access point and improvements adjacent to the regional park. The project is adjacent to the future Neece Drive Boat Launch.
- Project Cost: $3.1 Million
- Funding: Parks CFF and RTG Grant
Questions?
Painting Hangar Row A

- Pressure wash, rust treatment, and painting of Hangar Row A
- Project Cost: $20,500
- Funding Source: CARES Act Grant
Painting Hangar Row D

- Pressure wash, rust treatment, and painting of Hangar Row D
- Project Cost: $20,500
- Funding Source: CARES Act Grant
Runway Striping

- Repainting and restriping of runways and taxiways
- Project Cost: $10,000
- Funding Source: CARES Act Grant
AIP 41

- Airport Layout Plan Update
- 99% complete and awaiting FAA review
- Project Cost: $351,314
- Funding Source(s):
  - FAA grant: (90%)
  - Local Match: (10%)
Airport Security Lighting

- LED security lighting upgrade on GA T-hangars
- Project Cost: $20,000
- Funding Source(s): CARES Act Grant
PUBLIC WORKS: FLEET SERVICES
101022: Bus Maintenance Facility (BMF) Parts Room Expansion Project

- Construct 2,500 sf of additional storage space connected to the existing parts room at the BMF.
- Project to include a corridor to connect the heavy duty maintenance bays to the Bus Maintenance Facility.
- Construction has begun in conjunction with Fleet Maintenance Facility.
- Project delayed due to Covid-19.
- Project Bid Cost: $1,302,044
- Funding Source(s): Transit, State of Good Repair Grant Funding & Fleet Management Funds
100451: Fleet Maintenance Facility, Phase 1

- Construct an 8 bay fleet maintenance facility to replace the existing inadequate and outdated facility.
- Required per Fleet Efficiency Study and as a proactive measure for SR132 project which will encroach on the existing building.
- Construction has begun in conjunction with the Parts Room Expansion Project.
- Project delayed due to Covid-19.
- Project Bid Cost: $4,063,948
- Funding Source(s): Fleet Management Funds
PUBLIC WORKS: TRAFFIC ENGINEERING, TRAFFIC OPERATIONS AND TRAFFIC ELECTRICAL
101166: High Voltage Circuits Conversion 2019/2020

- Replaced 113 lights over 6 circuits
- Total Project Cost: $959,153
- Funding Source(s): Gas Tax and SB1
This project installs rectangular rapid flashing beacons and ADA improvements at 10 locations throughout the City, in which 8 of these locations are school sites.

- This project will combine CIPs 101122, 101175, 101176, & 101179
- Total Project Cost: $1,505,000
- Funding Source(s): Measure L
101192: Upgrade ATMS Software and Traffic Signal Controllers 2019

- Cut and splice into existing fiber optic back bone bringing fiber optic cable into traffic signal cabinets along Briggsmore Avenue, Standiford/Sylvan Avenues, and Oakdale Road
- Total Project Cost: $1,200,000
- Funding Source(s): Congestion Mitigation and Air Quality Grant
101066: Oakdale/Claratina Traffic Signal

- Installation of new traffic signal and striping at the intersection of Oakdale Road and Claratina Avenue.
- Total Project Cost: $420,500
- Funding Source(s):
  - Congestion Mitigation and Air Quality Grant
PUBLIC WORKS: TRANSIT OPERATIONS
Amtrak North Parking Lot Expansion

- Project expanded capacity at Amtrak Station on the north side of building
- Project Cost: $468,245
- Funding Source(s): Transportation Development Act
Amtrak Station Roof Replacement and Restroom Repair

- Project will replace the roof at Amtrak Station that leaks during rain events and repair the restroom flooring
- Project Cost: $481,979
- Funding Source(s): Transportation Development Act and SB1
Transit Center Improvements

- Project will upgrade the Transit Center interior and exterior to provide a safe and pleasant place to wait for the bus
- Project Cost: $5,640,092
- Funding Source(s): Transportation Development Act, Low Carbon Transit Operations Program, Federal Transit Administration, and SB1
Questions?
UTILITIES: WATER, WASTEWATER, STORM DRAIN
100793: Area 2 Cross Connection Removal – Phase 2 Roosevelt Park

• Remove direct connections of storm drain runoff to the sanitary sewer system.
  • New Storm Drain System
  • Renovations to Roosevelt Park
  • Project Cost: $7.9 million
  • Funding Source: Wastewater and State Proposition 84 Grant
  • Completed in FY 2020-2021
100641: Empire Sewer Trunk

- The proposed improvements corrected the hydraulic deficiencies and provided better access for maintenance.
  - The new material for the sanitary sewer lines will be Vylon and PVC for corrosion protection.
- Project Cost: $7.6 million
- Funding Source: Wastewater
- Completed in FY 2020-2021
100737: Headworks
100794: Dryden Box

- Headworks Project diverse improvements at the Sutter WWTP including, screens, compactors, Parshall flume, grit basins and others.
- Dryden Box comprises on new in ground concrete structure
  - Project Cost (combined): $18 million
  - Funding Source: Wastewater
  - Completed in FY 2020-2021
100849: North Trunk Sewer Project

- Installation of 2,900 linear feet of 27-inch sewer trunk along Bangs Avenue between Carver Road and Tully Road
  - Project Cost: $2 million
  - Funding Source: Wastewater
  - Completed in FY 2020-2021
100996: 2017-2018 Sanitary Sewer Collection System Replacement

- Replacement of existing 6-inch sewer with 8-inch main due to hydraulic deficiencies, storm improvements, manholes at Salvation Army Site and 61 sewer cleanouts thought the City.
  - Project Cost: $1.1 million
  - Funding Source: Wastewater
  - Completed in FY 2020-2021
100533: Sonoma Sanitary Sewer Trunk Extension Project

• Extend Sonoma Trunk by installing 27-inch trunk on Sylvan Avenue, 24-inch on future Aria, and 8-inch sewer main on Jeffrey Drive and Carl Way
  • Project Cost: $2.9 million
  • Funding Source: Wastewater
  • Completed in FY 2020-2021

Utilities Wastewater/Storm Drain Design

(Completed)
100648: Jennings Water Quality Control Plant New Entrance and Exit Project

- New, safer entrance and exit for Jennings Plant, road repair, traffic system and landscaping
  - Project Cost: $4.6 million
  - Funding Source: Wastewater
  - Anticipated Completion in FY 2020-2021
Utilities  Wastewater/Storm Drain Design
(Projects scheduled for construction in Fiscal Year 2021-2022)

- River Trunk Realignment (Gravity Colorado Ave S-2)
- Sutter Trunk Phase 1
- Wastewater Building Upgrades
- Facultative Biosolids Removal
- Sonoma Lift Station (Tivoli)
- Plant Structural Improvements
- River Trunk Realignment (Shackelford Lift Station S-3)
- Woodland Lift Station
- Sutter Parking Lot & Security Upgrade
101015 – Destruction of Wells

- The project is to destroy eleven (11) legacy water supply wells that are acting as conduits for arsenic-, nitrate-, and uranium-contaminated groundwater that is impacting drinking water supply sources in the City of Modesto service areas
  - Project Cost: $1.15 million
  - Funding: State Proposition 1 Grant & Water Fund
  - Completed in FY 2020-2021
101110 – Spencer Avenue
Strengthen & Replace Water Mains

- Replaced deficient, undersized water mains with 8” & 10” mains on Spencer, Truman and Vine
  - Project Cost: $1.6 million
  - Funding: Water Fund
  - Completed in FY 2020-2021
101228 – Kansas Avenue 12” Main Upgrade

- Replaced a 6” deficient, undersized water main with a new 12” Water Main for the Kansas House Development
  - Project Cost: $1 million
  - Funding: Water Fund & CDBG
  - Completed in FY 2020-2021
101237 – Yosemite Water Valves

- Replaced 157 deficient, water valves along Yosemite Blvd (SR 132) with new cast iron water valves
  - Project Cost: $300K
  - Funding: Water Fund
  - Completed in FY 2020-2021
101070 – Del Rio Well 70 Surface Improvements

- Project will construct above ground improvements that included 1,000 GPM well, backup generator and flush-line for Del Rio Community
  - Project Cost: $2.9 million
  - Funding: Water Fund
  - Completed in FY 2020-2021
100473 – Del Rio Tank 14, Well 68 & Pump Station

- 0.25-milllion gallon water storage tank reservoir, 2.45 million gallon per day booster pump, 1,000 GPM production well, 16” Water Line & GAC Treatment System
  - Project Cost: $9.9 million
  - Funding: Water Fund
  - Completed in FY 2020-2021
101302 – Bangs Avenue / Tully Road Sewer & Water Main Improvements

- Installs approximately 1,425 LF of new 24” Transmission Main on Bangs and new 12” Sewer/Water Main on Tully
- Project Cost: $1.5 Million
- Funding: Water & Wastewater Fund
- Anticipated Completion in FY 2021-2022
101084 – Well 71 Surface Improvements

- Project will construct above ground improvements that included 1,500 GPM well, backup generator and flush line along Brenner Way
  - Project Cost: $3 Million
  - Funding: Water Fund
  - Anticipated Completion in FY 2021-2022
Utilities Water Design
*(Projects scheduled for construction in Fiscal Year 2021-2022)*

- Well 69 Surface Improvements (Grayson)
- Colorado Avenue Water Main
- La Loma Phase 2C Strength & Replacement Project
- La Loma Phase 3A Strength & Replacement Project
- Highway Village Strength & Replacement Project
- Tank 5 Recoat Improvements
- Tank 12 Recoat Improvements
Questions?