

CITY OF PINOLE

CAPITAL IMPROVEMENT PLAN

FY 2020/21 - 2024/25



CAPITAL IMPROVEMENT PLAN

FY 2020/21 - 2024/25

CITY COUNCIL

Roy Swearingen, Mayor

Norma Martinez-Rubin, Mayor Pro Tem

Pete Murray, Councilmember

Vincent Salimi, Councilmember

Anthony Tave, Councilmember

CITY MANAGER

Andrew Murray

DEVELOPMENT SERVICES DIRECTOR

Tamara Miller



Overview

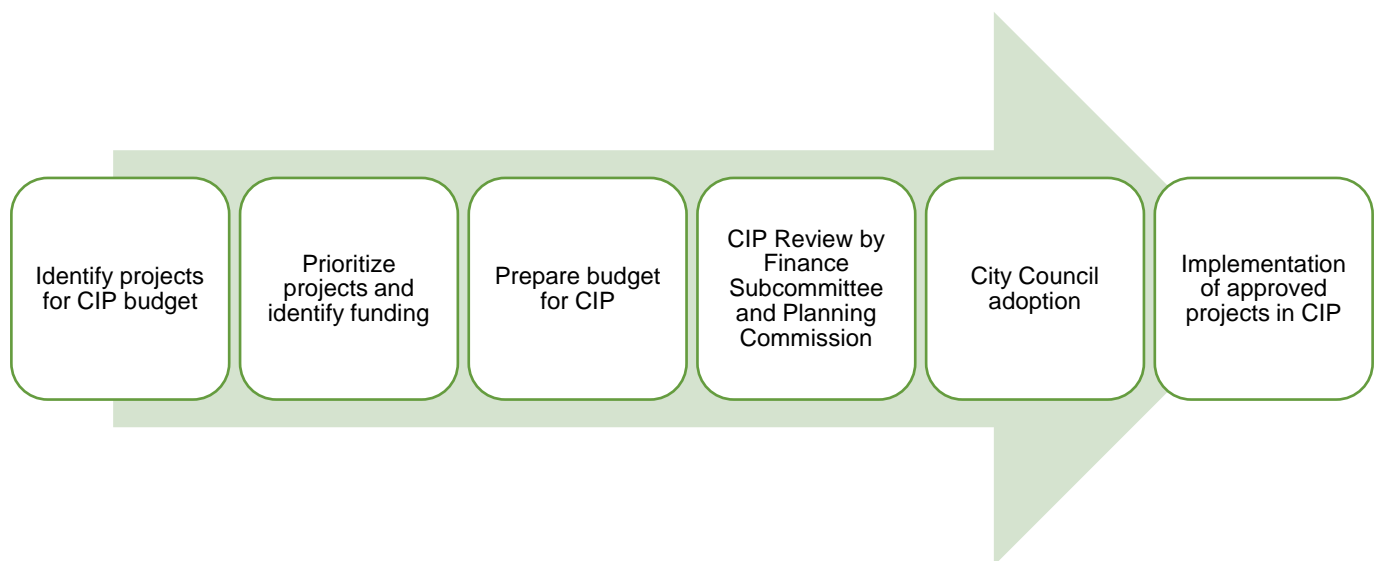
The Capital Improvement Plan (CIP) is a multi-year planning tool used to identify and implement the City's capital needs over the upcoming five-year period. The CIP aligns the needs with appropriate funding, scheduling, and implementation. This document is a working blueprint for building and sustaining publicly funded physical infrastructure. Capital improvements refer to physical assets and include the design, purchase, construction, maintenance, or improvement of public resources (i.e. parks public infrastructure, equipment, public spaces). These improvements influence Pinole's built and natural environment and help guide the trajectory of future growth or change.

The projects in the CIP fall into the following broad categories: facility maintenance, parks, sewer collection and treatment, stormwater, streets and roadways. These projects are developed in collaboration with department heads, and division managers under the direction of the City Manager to ensure all department needs are represented.

The CIP is reviewed and updated annually for capital projects and programs that support City goals and objectives including priorities identified in the 2020-2025 Strategic Plan of developing a disciplined approach to funding infrastructure maintenance and improvements. The CIP is reviewed by the Planning Commission for consistency with the General Plan and the Finance subcommittee. Project priority and selection is based on specific criteria, such as:

- Consistency with community plans and policies;
- Public and political support;
- Sustainability;
- Cost savings or revenue generation;
- Project demand, determined by inventory of existing land, equipment, and facility conditions;
- Economic, environmental, aesthetic or social impacts; and
- Public health, safety or other legal concerns.

The process for developing the CIP involves the following steps:



Project Funding

A variety of funding sources support projects listed in the CIP. The first year's program in the CIP is adopted by the City Council as the Capital Budget, as a counterpart to the annual Operating Budget. The fiscal resources are appropriated only in the first year, the subsequent four years of the CIP are important for long term planning and subject to further review and modification.

The CIP is funded primarily with funds restricted for specific purposes. Below are various funding sources and their restrictions.

Funding Sources

Fund #	Fund Name	Description
106	Measure S 2014	Accounts for 2014 voter-approved half-cent Local Use Tax which levies 0.5% each on all merchandise. Although these are unrestricted General Fund revenues, the 2014 Use Taxes have been allocated by the City Council to fund Infrastructure Projects as their highest funding priority.
200	Gas Tax	Accounts for the Highway Users Tax (HUTA) State imposed excise taxes on gasoline and diesel fuel sales within the City limits. Gas Tax funds are restricted for use in the construction, improvement and maintenance of public streets.
215	Measure J	Accounts for special override sales tax revenues collected by Contra Costa Transportation Authority (CCTA) and reapportioned to cities for local street projects.
PGE	Rule 20A	Through Rule 20A, the California Public Utilities Commission requires Pacific Gas and Electric (PG&E) to set aside funds annually to finance the undergrounding of overhead electrical facilities located on public streets within the City of Pinole.
276	Growth Impact Fees	Accounts for development fees collected to mitigate the impact of new development.
325	City Street Improvements	Accounts for funds set aside by the City of Pinole to fund street improvement projects.
327	Park Grants	Accounts for grants and reimbursements from the state and federal government and other agencies related to parks.
377	Arterial Street Rehabilitation	Accounts for funds set aside by the City of Pinole to fund arterial street rehabilitation projects.
500	Sewer Enterprise	Accounts for fees charged to residents and businesses for sewer utilities. Fees are used to operate the Pinole-Hercules Water Pollution Control Plant which services the Pinole and Hercules areas.

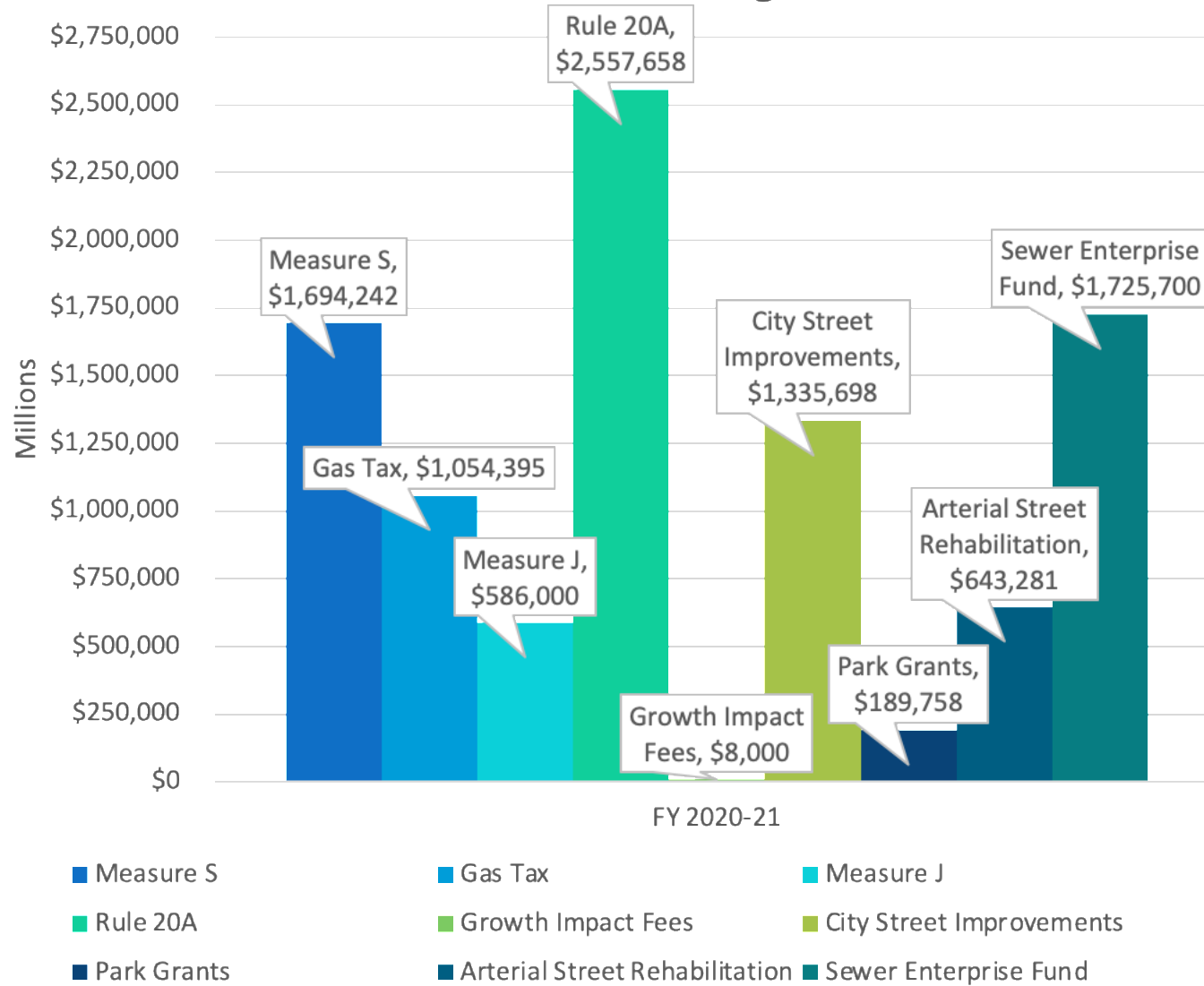


CIP Funding Sources FY 2020-21

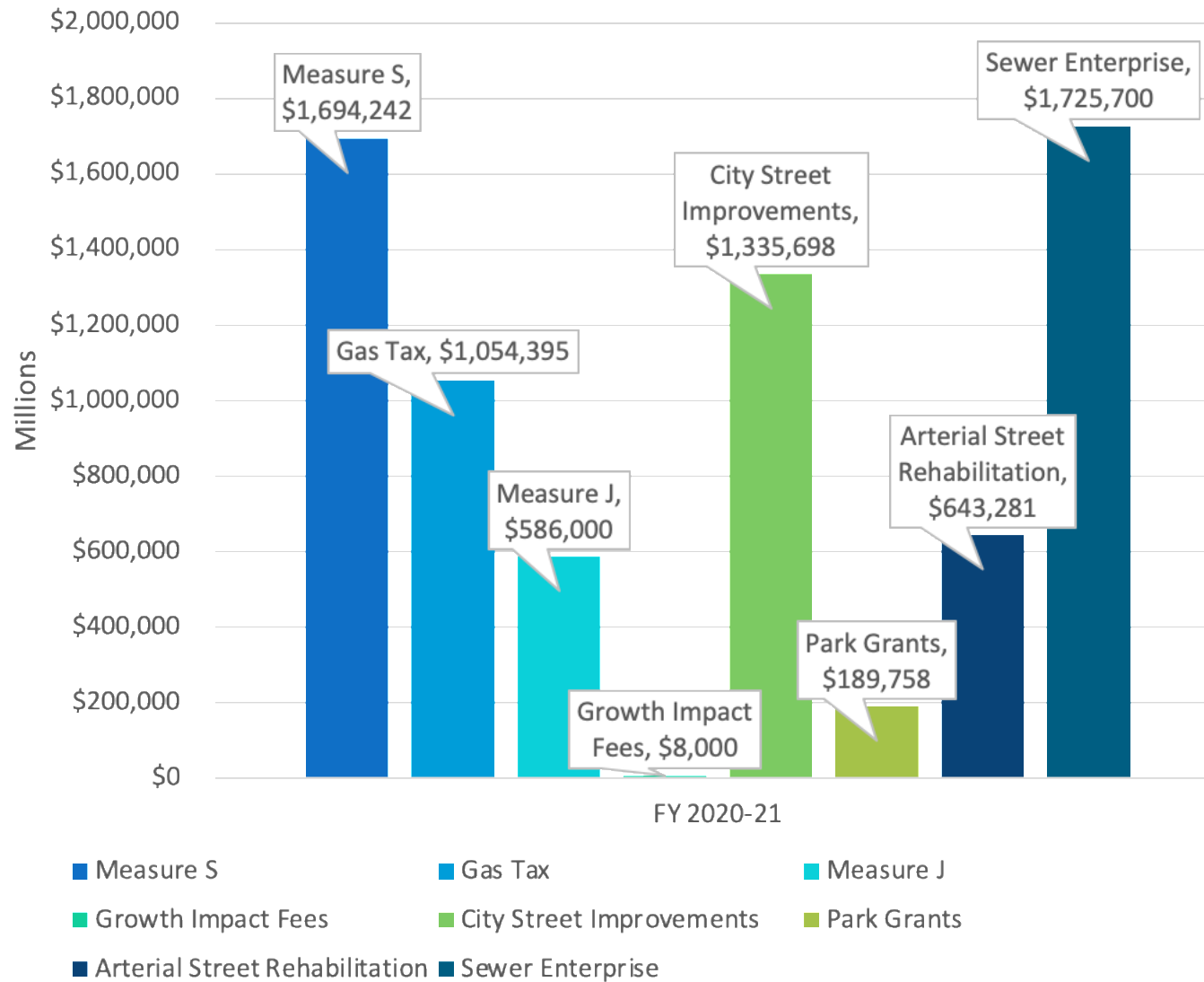
SOURCES BY FUND	FY 2020-21	FY 2020-21 w/o Rule 20A
106 – Measure S 2014	\$1,694,242	\$1,694,242
200 – Gas Tax	\$1,054,395	\$1,054,395
215 – Measure J	\$586,000	\$586,000
PG&E – Rule 20A	\$2,557,658	-
276 – Growth Impact Fees	\$8,000	\$8,000
325 – City Street Improvements	\$1,335,698	\$1,335,698
327 – Park Grants	\$189,758	\$189,758
377 – Arterial Streets Rehabilitation	\$643,281	\$643,281
500 – Sewer Enterprise Fund	\$1,725,700	\$1,725,700
TOTAL	\$9,794,732	\$7,237,074



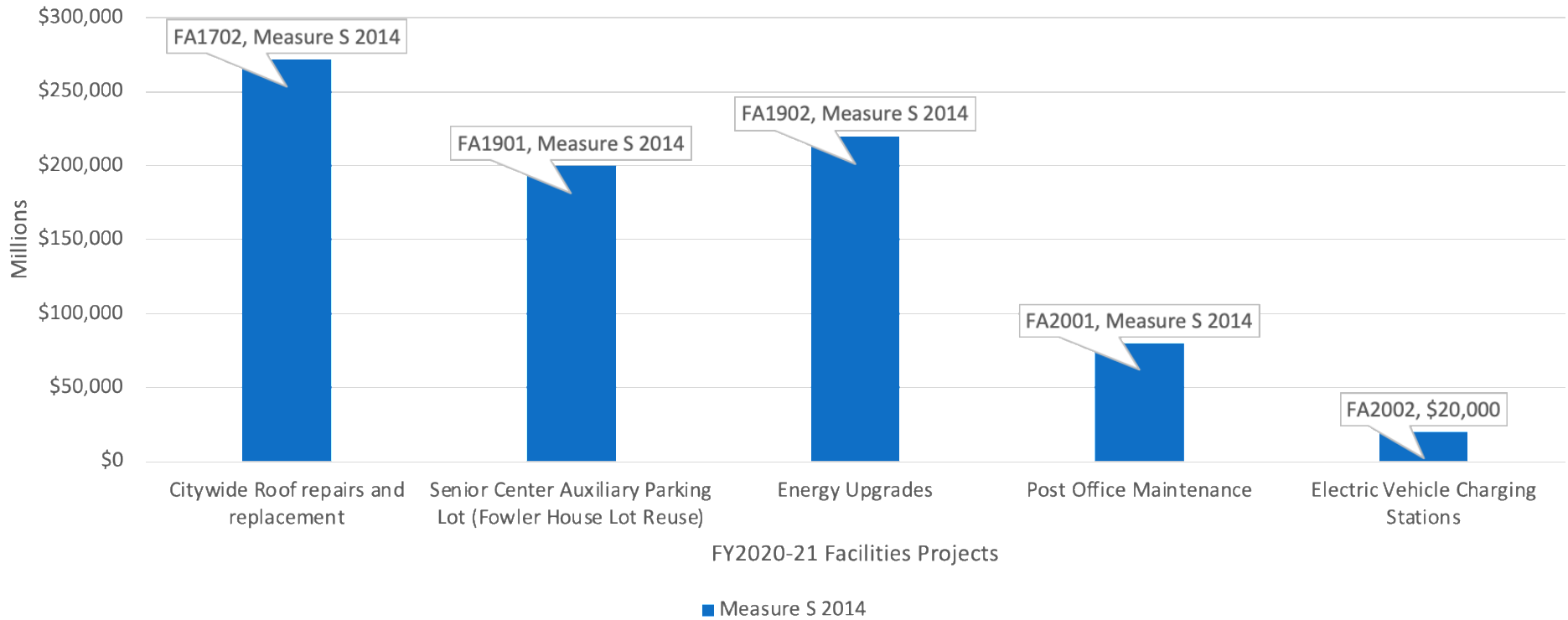
FY 2020-21 Funding Sources



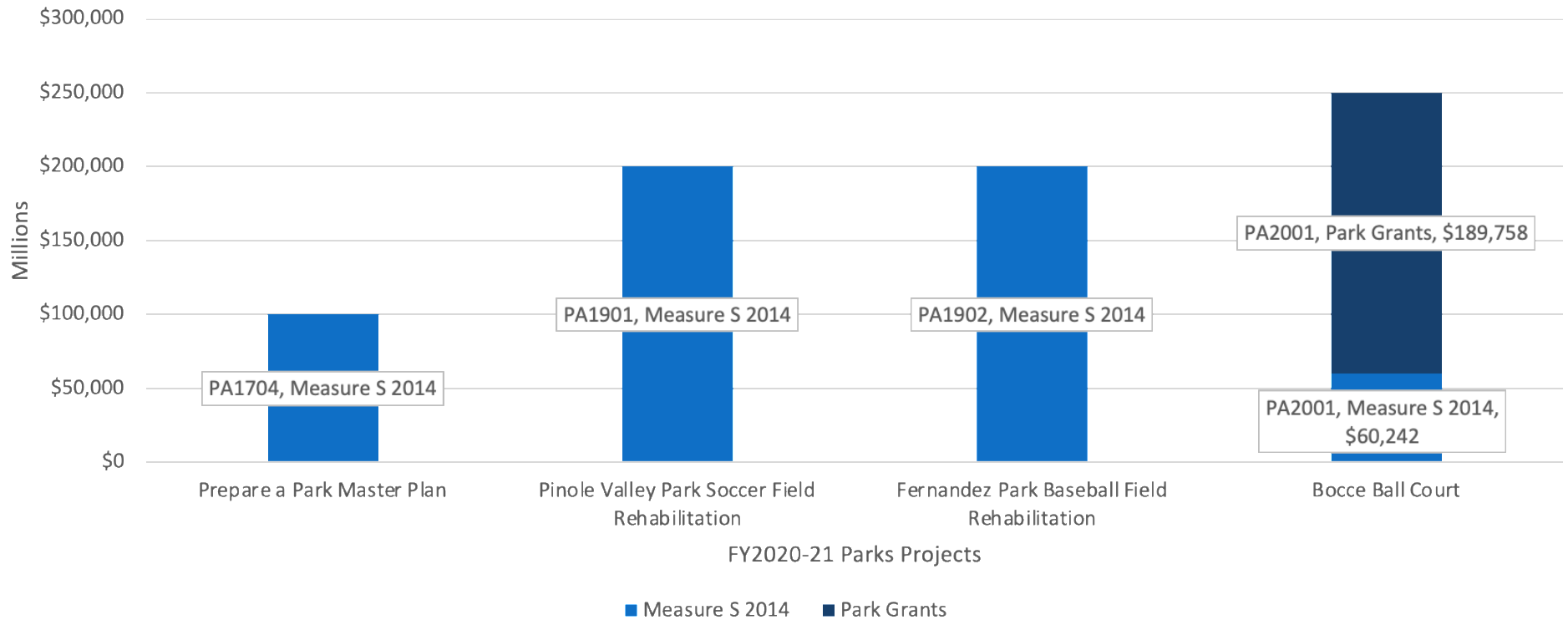
FY 2020-21 Funding Sources w/o Rule20A



FACILITIES PROJECTS: FY 2020-21



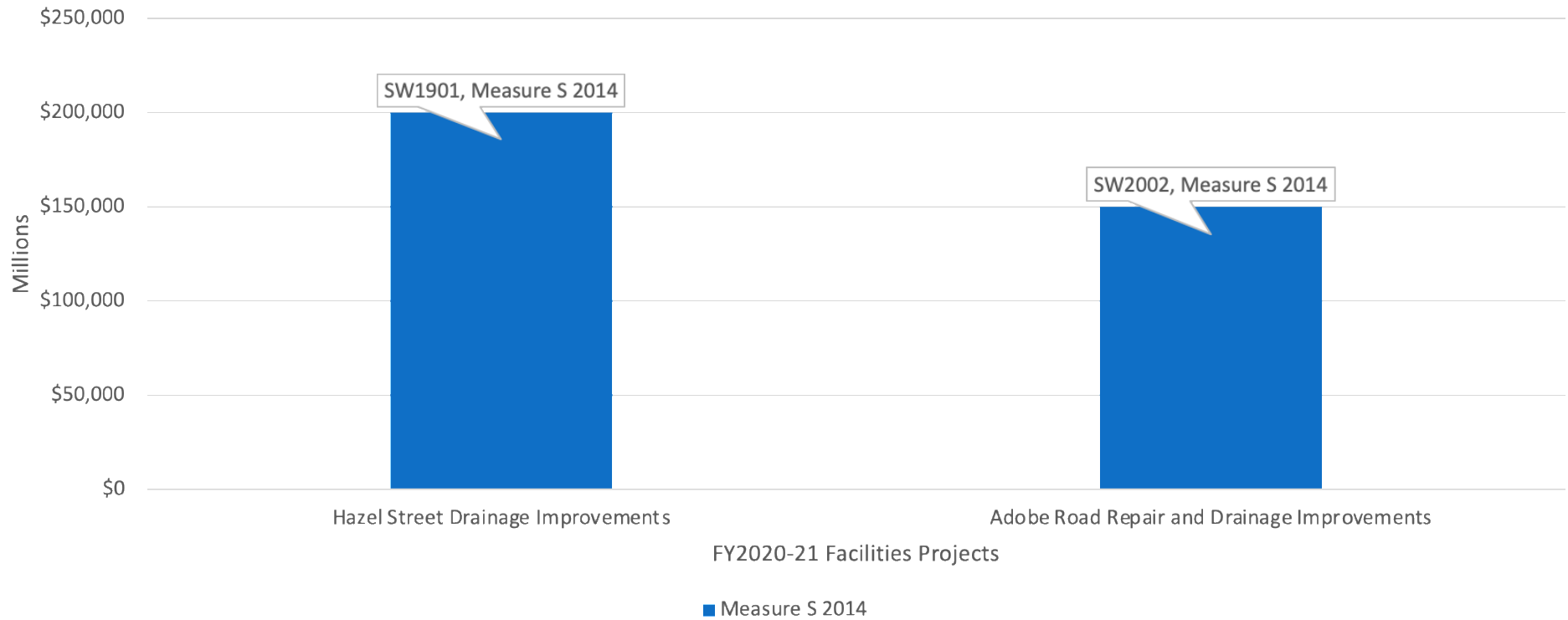
PARKS PROJECTS: FY 2020-21



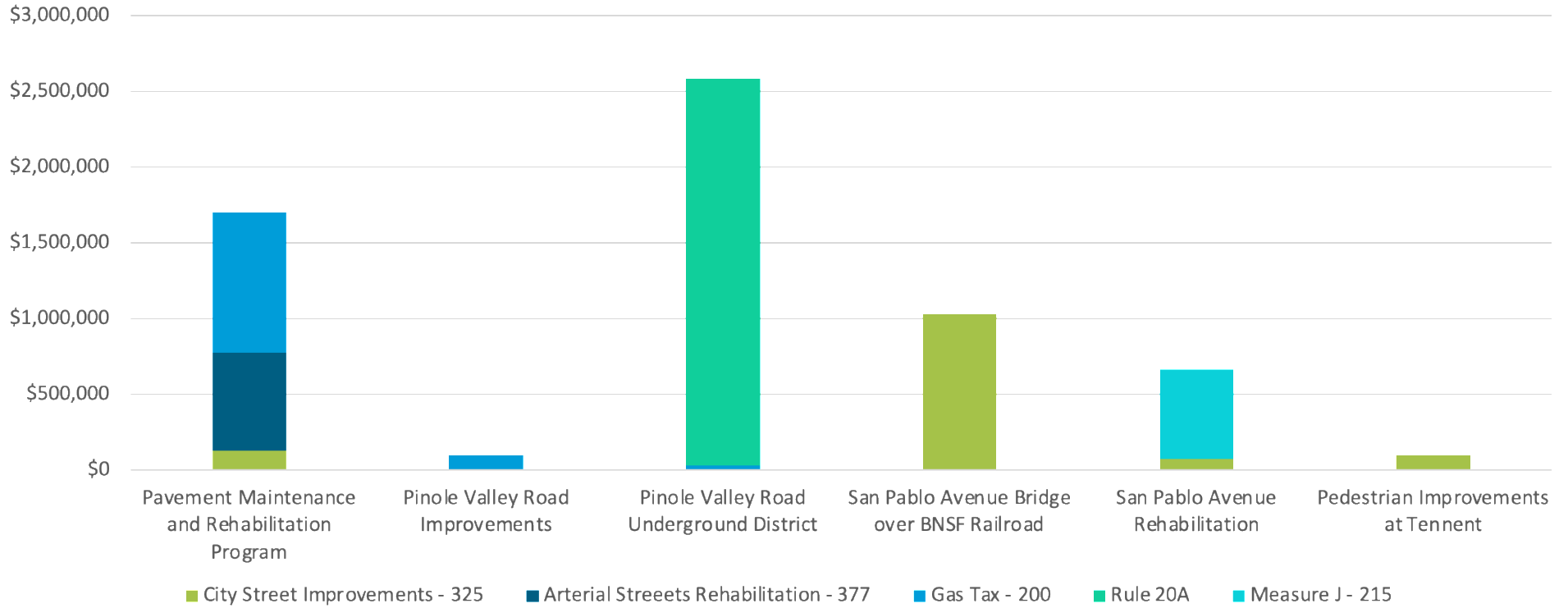
SANITARY SEWER PROJECTS: FY 2020-21



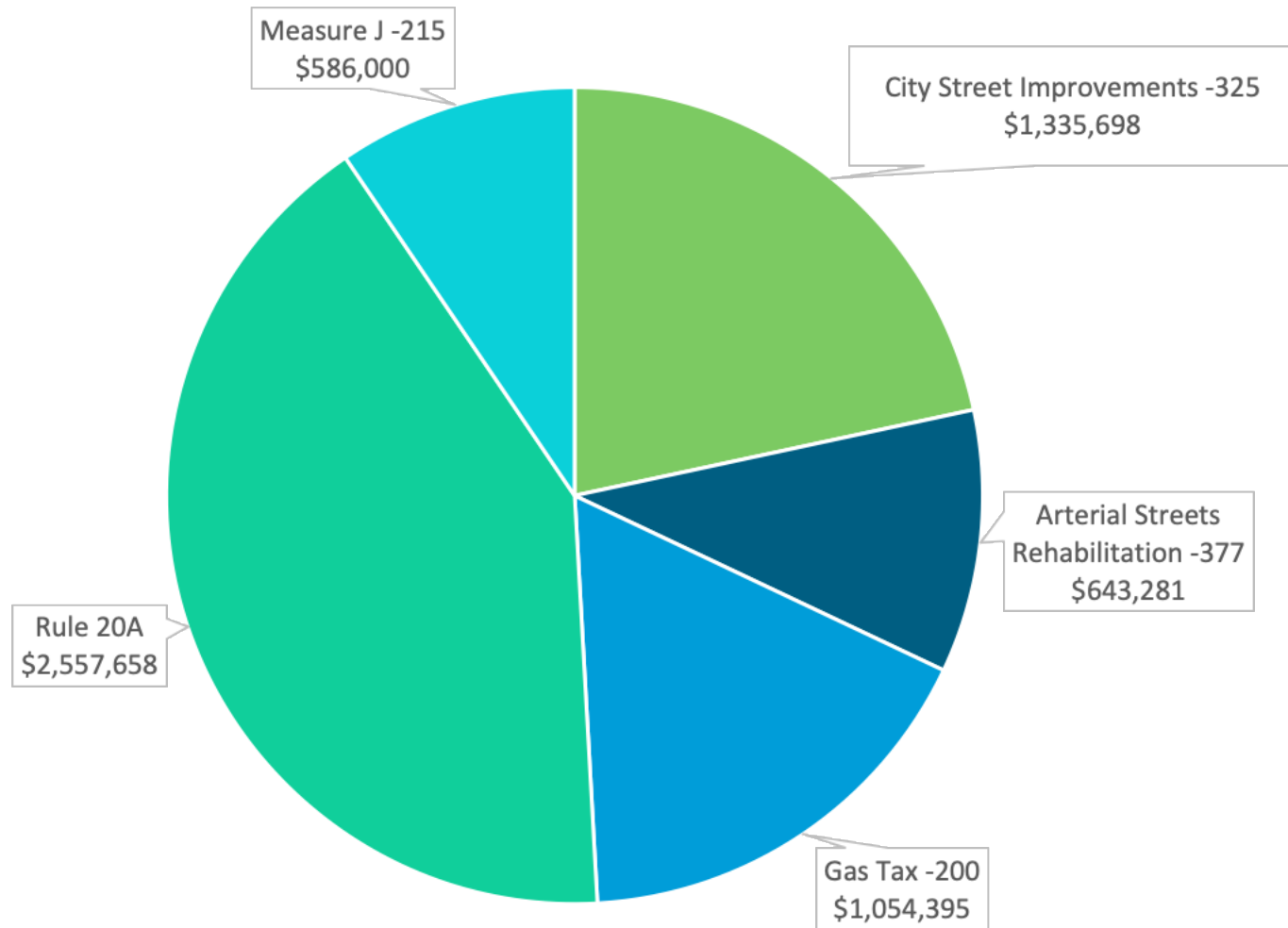
STORMWATER PROJECTS: FY 2020-21



ROAD PROJECTS: FY 2020-21



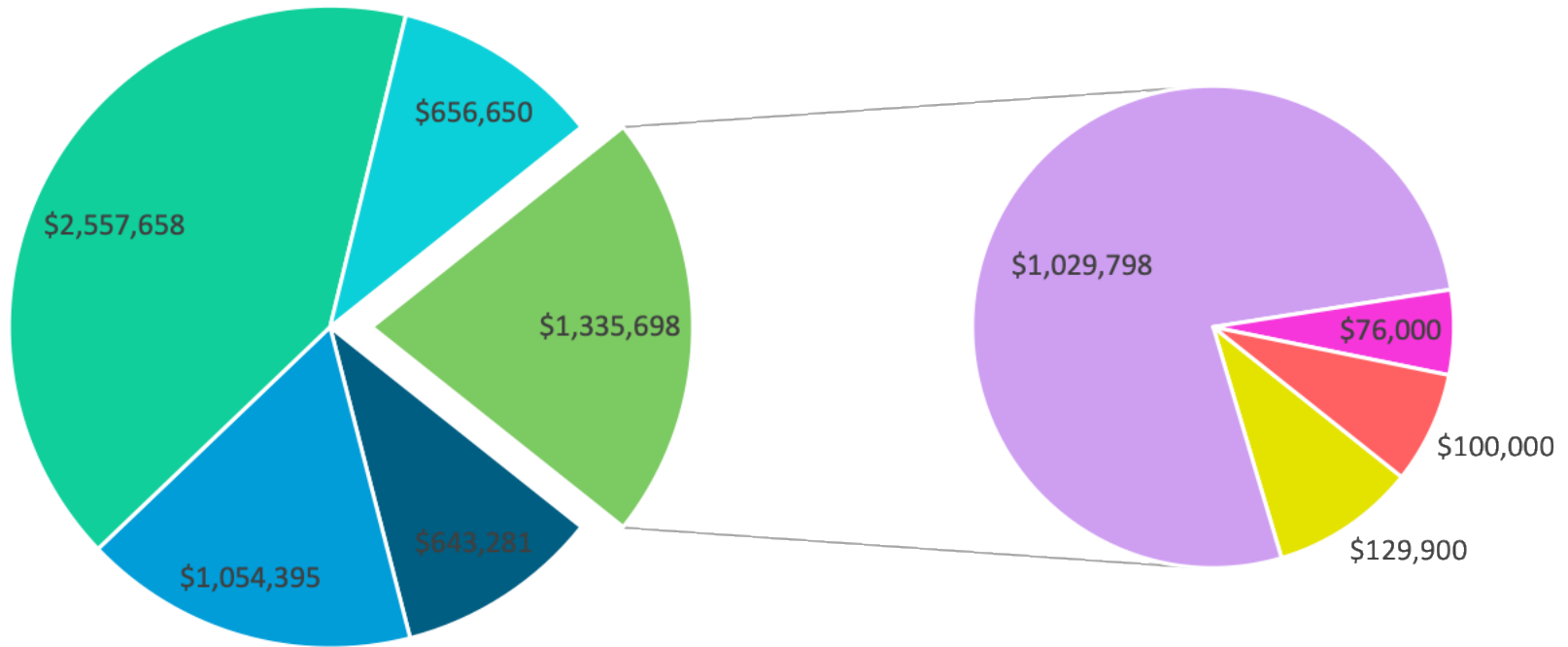
FUNDING DETAIL: ROAD PROJECTS FY 2020-21



■ City Street Improvements -325 ■ Arterial Streets Rehabilitation -377 ■ Gas Tax -200 ■ Rule 20A ■ Measure J -215



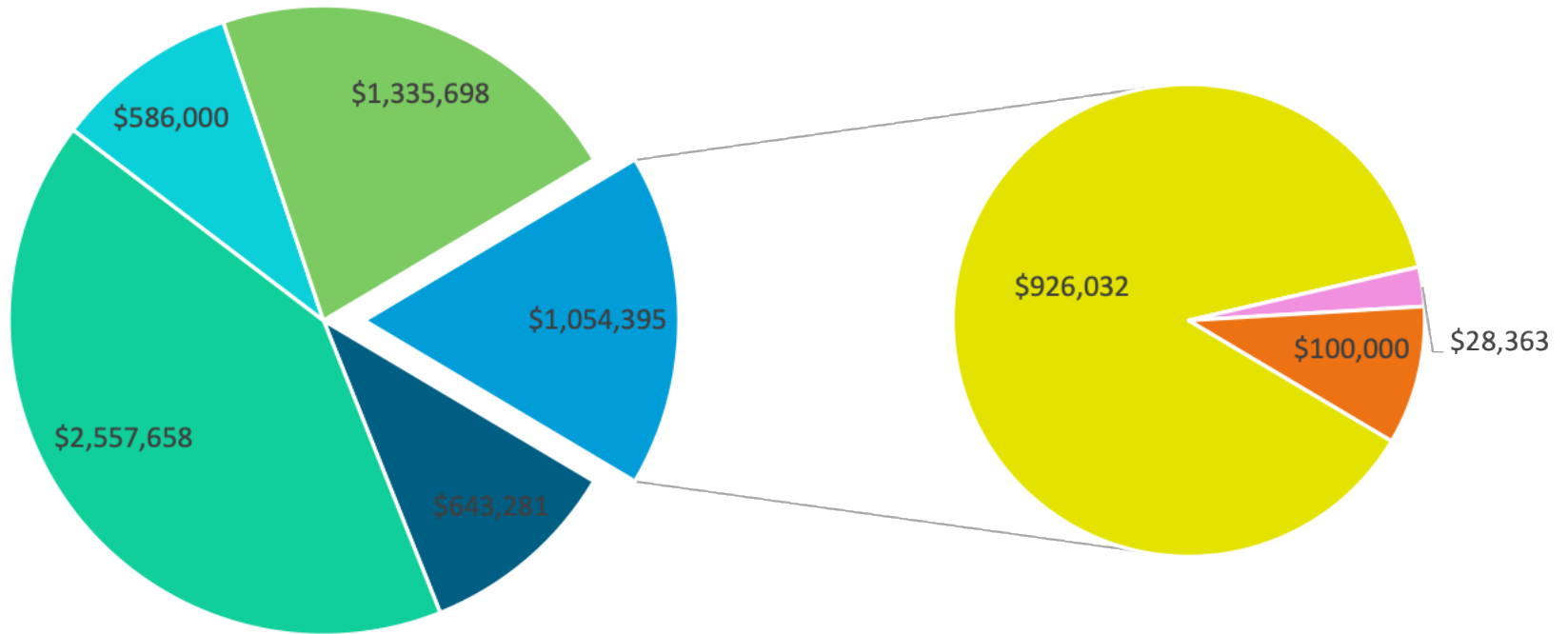
ROAD PROJECTS: CITY STREET IMPROVEMENTS FUND 325



- Arterial Streets Rehabilitation -377
- Gas Tax -200
- Rule 20A
- Measure J -215
- Pavement Management and Rehabilitation Program
- San Pablo Avenue Bridge over BNSF Railroad
- San Pablo Avenue Rehabilitation
- Pedestrian Improvements at Tennent



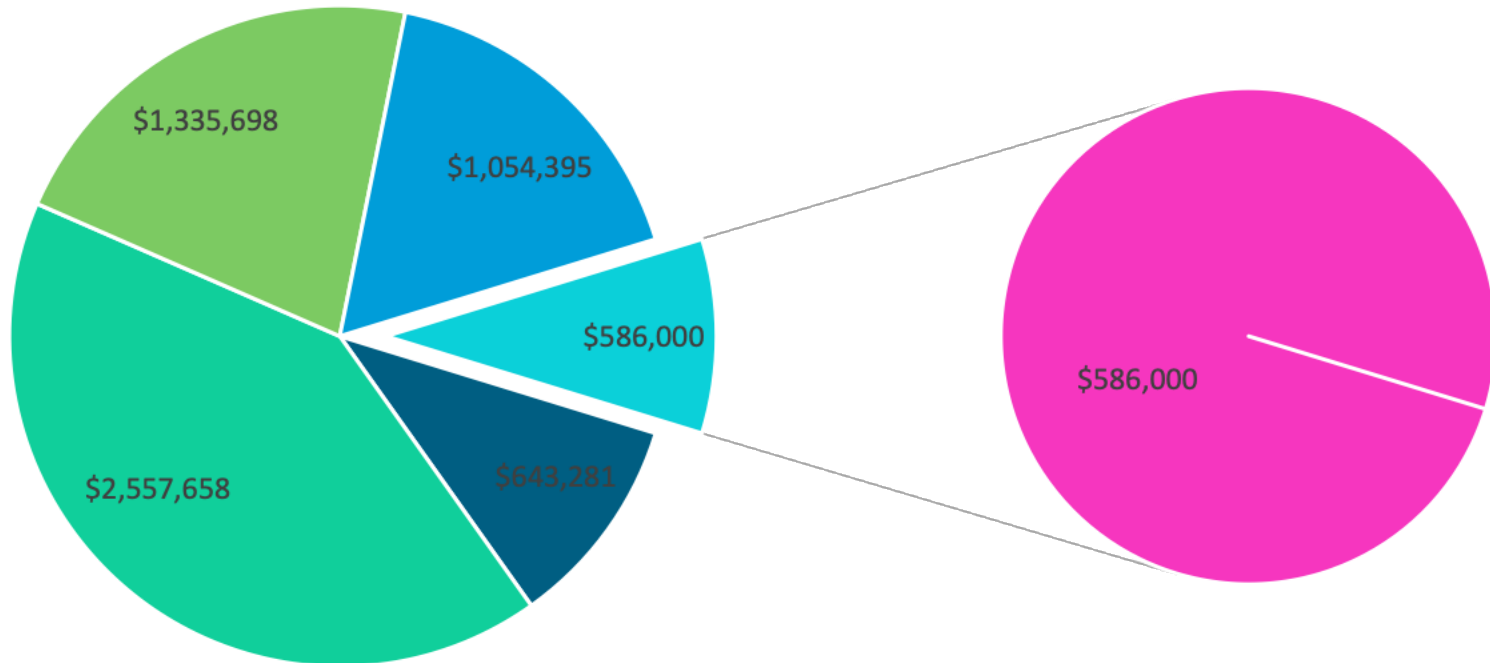
ROAD PROJECTS: GAS TAX FUND-200



- Arterial Street Rehabilitation -377
- Rule 20A
- Measure J -215
- City Street Improvements -325
- Pavement Management and Rehabilitation Program
- Pinole Valley Road Underground District
- Pinole Valley Road Improvements



ROAD PROJECTS: MEASURE J FUND-215



- Arterial Street Rehabilitation -377
- Rule 20A
- City Street Improvements -325
- Gas Tax -200
- San Pablo Avenue Rehabilitation





**CITY OF PINOLE
FY2020-21 THROUGH FY2024-25
FIVE-YEAR CAPITAL IMPROVEMENT PLAN**

FUNDING SUMMARY

SOURCES BY FUND	FY 2020-21	FY 2021-22	FY 2022-23	FY 2023-24	FY 2024-25	5-Year Total
106 - Measure S 2014	\$1,694,242	\$285,000				\$1,979,242
200 - Gas Tax	\$1,054,395					\$1,054,395
215 - Measure J	\$586,000				\$120,000	\$706,000
PGE - Rule 20A	\$2,557,658					\$2,557,658
276 - Growth Impact Fees	\$8,000					\$8,000
325 - City Street Improvements	\$1,335,698	\$246,905				\$1,582,604
327 - Park Grants	\$189,758					\$189,758
377 - Arterial Streets Rehabilitation	\$643,281					\$643,281
500 - Sewer Enterprise Fund	\$1,725,700					\$1,725,700
Sources Total	\$9,794,732	\$531,905	\$ -	\$ -	\$120,000	\$10,446,638
Unfunded Total		\$1,667,896	\$ -	\$ -	\$ -	\$1,667,896
Total Sources Required	\$9,794,732	\$2,199,801	\$ -	\$ -	\$120,000	\$12,114,534



FIVE-YEAR CAPITAL IMPROVEMENT PLAN: FY 2020-21 THROUGH FY 2024-25

FACILITIES										
PRJ #	USES BY PROJECT	FY 2020-21	FY 2021-22	FY 2022-23	FY 2023-24	FY 2024-25	Budget Unit	Account #	FY 2020-21 Funds	Funding Source
FA1702	Citywide Roof repairs and replacement	\$272,000	\$140,000				Facilities	106-343-47201	\$272,000	Measure S 2014
FA1703	Paint City Hall (Inside and Outside)		\$70,000				Facilities	106-343-47201	\$0	Measure S 2014
FA1901	Senior Center Auxiliary Parking Lot (Fowler House lot reuse)	\$200,000					Facilities	106-343-47201	\$200,000	Measure S 2014
FA1902	Energy Upgrades	\$220,000					Facilities	106-343-47201	\$220,000	Measure S 2014
FA2001	Post Office Maintenance	\$80,000					Facilities	106-343-47201	\$80,000	Measure S 2014
FA2002	Electric Vehicle Charging Stations	\$20,000					Facilities	106-343-47201	\$20,000	Measure S 2014
PARKS										
PRJ #	USES BY PROJECT	FY 2020-21	FY 2021-22	FY 2022-23	FY 2023-24	FY 2024-25	Budget Unit	Account #	FY 2020-21 Funds	Funding Source
PA1704	Prepare a Park Master Plan	\$100,000					Parks	106-343-47201	\$100,000	Measure S 2014
PA1901	Pinole Valley Park Soccer Field Rehabilitation	\$200,000					Parks	106-345-47203	\$200,000	Measure S 2014
PA1902	Fernandez Park Baseball Field Rehabilitation	\$200,000					Parks	106-345-47203	\$200,000	Measure S 2014
PA2001	Bocce Ball Court	\$250,000					Parks	106-345-47203 327-xxx-47203	\$60,242 \$189,758	Measure S 2014 Park Grants
SANITARY SEWER										
PRJ #	USES BY PROJECT	FY 2020-21	FY 2021-22	FY 2022-23	FY 2023-24	FY 2024-25	Budget Unit	Account #	FY 2020-21 Funds	Funding Source
SS1702	Sewer Pump Station Rehabilitation	\$1,200,000					Sewer Collection	500-642-47201	\$1,200,000	Sewer Enterprise
SS2001	Sanitary Sewer Collection System Master Plan	\$425,700					Sewer Collection	500-642-47201	\$425,700	Sewer Enterprise
SS2002	Water Pollution Control Plant Lab Remodel	\$100,000					Sewer Treatment	500-641-47201 500-641-47201	\$50,000 \$50,000	Sewer Enterprise City of Hercules
STORMWATER										
PRJ #	USES BY PROJECT	FY 2020-21	FY 2021-22	FY 2022-23	FY 2023-24	FY 2024-25	Budget Unit	Account #	FY 2020-21 Funds	Funding Source
SW1901	Hazel Street Drainage Improvements	\$200,000					Stormwater	106-344-47206 276-344-47206	\$192,000 \$8,000	Measure S 2014 Impact Fees
SW2001	Roble Road Drainage Improvements		\$200,000				Stormwater	276-344-47206	\$0	Impact Fees
SW2002	Adobe Road Repair and Drainage Improvements	\$150,000					Stormwater	106-344-47206	\$150,000	Measure S 2014
SW1703	Storm Drainage Master Plan		\$75,000				Stormwater	106-344-42101	\$0	Measure S 2014



FIVE-YEAR CAPITAL IMPROVEMENT PLAN: FY 2020-21 THROUGH FY 2024-25 (CONTINUED)

ROADS										
PRJ #	USES BY PROJECT	FY 2020-21	FY 2021-22	FY 2022-23	FY 2023-24	FY 2024-25	Budget Unit	Account #	FY 2020-21 Funds	Funding Source
RO1707	Pavement Maintenance and Rehabilitation Program	\$1,699,213					Roads	325-342-47205 377-342-47205 200-342-47205	\$129,900 \$643,281 \$926,032	City Street Improvements Arterial Rehabilitation Gas Tax - RMRA
RO1708	Pinole Valley Road Improvements	\$100,000					Roads	200-342-47205	\$100,000	Gas Tax
RO1709	Pinole Valley Road Underground District	\$2,586,021					Roads	200-342-47205 Rule 20A	\$28,363 \$2,557,658	Gas Tax Rule 20A
RO1710	San Pablo Avenue Bridge over BNSF Railroad **	\$1,029,798	\$1,664,801				Roads	325-342-47205 325-342-47205	\$150,695 \$879,103	WCCTAC STMP Fees State Funding: HBP Program
RO1714	HAWK at Appian Way and Marlesta - <i>Deferred</i>					\$120,000	Roads	215-342-47205	\$0	Measure J/(TLC)
RO1801	San Pablo Avenue Rehabilitation	\$662,000					Roads	325-342-47205 215-342-47205	\$76,000 \$586,000	City Street Improvements Measure J/(OBAG 2)
RO1802	Hazel Street Gap Closure (Sunnyview)		\$50,000				Roads	276-344-47205	\$0	Impact Fees
RO1902	Pedestrian Improvements at Tennent (Engineering and planning Only) - Bay Trail Gap	\$100,000					Roads	325-342-47205	\$100,000	WCCTAC STMP Fees
Uses by Project Total		\$9,794,732	\$2,199,801	\$0	\$0	\$120,000				

LEGEND:

- Items highlighted in blue are unfunded projects.
- Items highlighted in orange indicate a project or project funding is carried over from prior fiscal year.
- Items highlighted in purple are new projects, or new funding allocations in FY 2020-21.
- Project numbers: **FA** = Facilities; **PA** = Parks; **SS** = Sanitary Sewer; **SW** = Storm Water; **RO** = Roads.

**Caltrans funded total project cost is \$16.8 million and extends beyond the proposed Plan years.



**City of Pinole
Capital Improvement Plan
Fiscal Years 2020-21 through 2024-25**

Project: Citywide Roof Repairs and Replacement

Description: Roof Repair and Replacement on buildings identified by inspection.

Justification: The City hires contract services to repair and/or replace roofs on City Facilities. A comprehensive inspection was performed on all facilities in early 2015 and identified several of the roofs which need to be repaired or replaced. The roofs at City hall and the Public Safety building need to be replaced.



Project Number: FA1702

Projected Timing:

Estimated Start Date: July 2020

Estimated End Date: June 2022



Total Estimated Cost:

Planning and Design:

Engineering and Administrative:

Construction: \$412,000

Equipment:

Contingency:

Total: \$ 412,000

Funding Source:

	Prior Actual	FY 2020-21 Proposed	FY 2021-22 Proposed	FY 2022-23 Proposed	FY 2023-24 Proposed	FY 2024-25 Proposed
Measure S 2014 - 106	-	\$272,000	\$140,000	-	-	-
	-	-	-	-	-	-
Total	-	\$272,000	\$140,000	-	-	-

**City of Pinole
Capital Improvement Plan
Fiscal Years 2020-21 through 2024-25**

Project: Paint City Hall

Description: Paint City Hall building (interior and exterior)

Justification: The interior and exterior surfaces of City Hall require repainting as the paint system has reached the end of its useful life. Exterior painting is necessary to maintain external protection from the environment. Fading, chipping paint, along with water and mildew damage necessitates the painting project.



Project Number: FA1703

Projected Timing:

Estimated Start Date: July 2021

Estimated End Date: June 2022

Total Estimated Cost:

Planning and Design:

Engineering and Administrative:

Construction: \$70,000

Equipment:

Contingency:

Total: \$ 70,000

Funding Source:

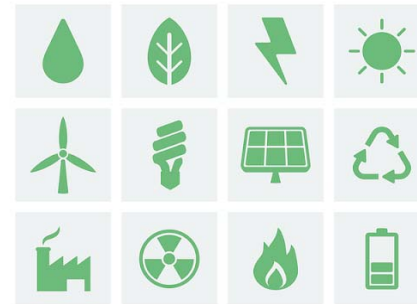
	Prior Actual	FY 2020-21 Proposed	FY 2021-22 Proposed	FY 2022-23 Proposed	FY 2023-24 Proposed	FY 2024-25 Proposed
Measure S 2014 - 106	-	-	\$70,000	-	-	-
	-	-	-	-	-	-
Total	-	-	\$70,000	-	-	-

**City of Pinole
Capital Improvement Plan
Fiscal Years 2020-21 through 2024-25**

Project: Energy Upgrades

Description: Replace HVAC at City Hall and Senior Center
(formerly known as Project #: FA1706 and FA1801)

Justification: The HVAC systems at City Hall and Senior Center have reached the end of its useful life. In March 2020, Engie Services Inc. was retained by the City to assess and provide recommendations on energy conservation and generation improvements at City Hall, Senior Center, and other City facilities. A portion of the roof at the Senior Center will also need be replaced.



Project Number: FA1902

Projected Timing:

Estimated Start Date: July 2020

Estimated End Date: June 2021

Total Estimated Cost:

Planning and Design:

Engineering and Administrative:

Construction: \$220,000

Equipment:

Contingency:

Total: \$ 220,000

Funding Source:

	Prior Actual	FY 2020-21 Proposed	FY 2021-22 Proposed	FY 2022-23 Proposed	FY 2023-24 Proposed	FY 2024-25 Proposed
Measure S 2014 - 106	-	220,000	-	-	-	-
	-	-	-	-	-	-
Total	-	220,000	-	-	-	-

**City of Pinole
Capital Improvement Plan
Fiscal Years 2020-21 through 2024-25**

Project: Senior Center Auxiliary Parking Lot (Fowler House Lot Reuse)

Description: Repurpose the former Fowler House lot located at 2548 Charles Avenue for additional parking.

Justification: The parcel is surrounded by municipal parking lots serving recreational use as well as Old Town Pinole. The Fowler House Re-Use Committee evaluated uses for the lot and determined the best use for the property is a parking lot.



Project Number: FA1901

Projected Timing:

Estimated Start Date: July 2020

Estimated End Date: June 2021

Total Estimated Cost:

Planning and Design:

Engineering and Administrative:

Construction: \$200,000

Equipment:

Contingency:

Total: \$ 200,000

Funding Source:

	Prior Actual	FY 2020-21 Proposed	FY 2021-22 Proposed	FY 2022-23 Proposed	FY 2023-24 Proposed	FY 2024-25 Proposed
Measure S 2014 - 106	-	\$200,000	-	-	-	-
	-	-	-	-	-	-
Total	-	\$200,000	-	-	-	-

**City of Pinole
Capital Improvement Plan
Fiscal Years 2020-21 through 2024-25**

Project: Post Office Maintenance

Description: Maintenance of the Post Office building located at 2101 Pear Street.

Justification: Per lease agreement with United States Post Office, the City is responsible for facility maintenance, which includes painting all interior and exterior surfaces and maintenance of the parking lot.



Project Number: FA2001

Projected Timing:

Estimated Start Date: July 2020

Estimated End Date: June 2021

Total Estimated Cost:

Planning and Design:

Engineering and Administrative:

Construction: \$80,000

Equipment:

Contingency:

Total: \$ 80,000

Funding Source:

	Prior Actual	FY 2020-21 Proposed	FY 2021-22 Proposed	FY 2022-23 Proposed	FY 2023-24 Proposed	FY 2024-25 Proposed
Measure S 2014 - 106	-	\$80,000	-	-	-	-
	-	-	-	-	-	-
Total	-	\$80,000	-	-	-	-

Project: Electric Vehicle Charging

Justification: Charging stations will support increased adoption and use of zero emission vehicles. An assessment of City facilities coupled with grant funding opportunities will determine the most suitable location(s) for installation of charging stations.



Project Number: FA2002

Projected Timing:

Estimated Start Date: July 2020

Estimated End Date: June 2021

Total Estimated Cost:

Planning and Design:

Engineering and Administrative:

Construction: \$20,000

Equipment:

Contingency:

Total:	\$ 20,000
---------------	------------------

Funding Source:

Prior Actual	FY 2020-21 Proposed	FY 2021-22 Proposed	FY 2022-23 Proposed	FY 2023-24 Proposed	FY 2024-25 Proposed
--------------	------------------------	------------------------	------------------------	------------------------	------------------------

Measure S 2014 - 106	-	\$20,000	-	-	-	-
-----------------------------	---	----------	---	---	---	---

Total	-	\$20,000	-	-	-	-
--------------	---	-----------------	---	---	---	---

**City of Pinole
Capital Improvement Plan
Fiscal Years 2020-21 through 2024-25**

Project: Prepare a Park Master Plan

Description: A master plan for parks will aid the City in developing a strategic approach to park maintenance and operation.

Justification: Master planning allows the City to quantify and qualify the existing park system, identify deficiencies, develop financial analysis of the cost to maintain, operate, and if opportunity arises, expand the park system. Master planning also identifies funding opportunities for projects and positions the City to strategically respond to grant solicitations.



Project Number: PA1704

Projected Timing:

Estimated Start Date: July 2020
Estimated End Date: June 2021

Total Estimated Cost:

Planning and Design:	\$ 100,000
Engineering and Administrative:	
Construction:	
Equipment:	
Contingency:	
Total:	\$ 100,000

Funding Source:

	Prior Actual	FY 2020-21 Proposed	FY 2021-22 Proposed	FY 2022-23 Proposed	FY 2023-24 Proposed	FY 2024-25 Proposed
Measure S 2014 - 106	-	\$100,000	-	-	-	-
Total	-	100,000	-	-	-	-

**City of Pinole
Capital Improvement Plan
Fiscal Years 2020-21 through 2024-25**

Project: Pinole Valley Park Soccer Field Rehabilitation

Description: Rehabilitate Pinole Valley Park soccer field.

Justification: Soccer fields are a high use area of the Pinole Park system and warrant routine rehabilitation to enhance play.



Project Number: PA1901

Projected Timing:

Estimated Start Date: July 2020

Estimated End Date: June 2021

Total Estimated Cost:

Planning and Design:	\$ -
Engineering and Administrative:	\$ -
Construction:	\$ 200,000
Equipment:	\$ -
Contingency:	\$ -
Total:	\$ 200,000

Funding Source:

	Prior Actual	FY 2020-21 Proposed	FY 2021-22 Proposed	FY 2022-23 Proposed	FY 2023-24 Proposed	FY 2024-25 Proposed
Measure S 2014 - 106	-	200,000	-	-	-	-
Total	-	200,000	-	-	-	-

**City of Pinole
Capital Improvement Plan
Fiscal Years 2020-21 through 2024-25**

Project: Fernandez Park Baseball Field Rehabilitation

Description: Rehabilitate Fernandez Park baseball field.

Justification: Baseball fields are a high use area of the Pinole Park system and warrant routine rehabilitation to enhance play.



Project Number: PA1902

Projected Timing:

Estimated Start Date: July 2020

Estimated End Date: June 2021

Total Estimated Cost:

Planning and Design:	\$ -
Engineering and Administrative:	\$ -
Construction:	\$ 200,000
Equipment:	\$ -
Contingency:	\$ -
Total:	\$ 200,000

Funding Source:	Prior Actual	FY 2020-21 Proposed	FY 2021-22 Proposed	FY 2022-23 Proposed	FY 2023-24 Proposed	FY 2024-25 Proposed
Measure S 2014 - 106	-	200,000	-	-	-	-
Total	-	200,000	-	-	-	-

**City of Pinole
Capital Improvement Plan
Fiscal Years 2020-21 through 2024-25**

Project: Bocce Ball Court

Description: Installation of a Bocce Ball Court to provide the opportunity to play Bocce Ball year round.

Justification: There is strong community interest in adding a bocce ball court in the City of Pinole. The location of the Court is TBD. The City intends to use utilize State of California Department of Parks and Recreation Per Capita Grant Program funds for this project.



Project Number: PA2002

Projected Timing:

Estimated Start Date: July 2020

Estimated End Date: June 2021

Total Estimated Cost:

Planning and Design:

Engineering and Administrative:

Construction: \$250,000

Equipment:

Contingency:

Total: \$ 250,000

Funding Source:

	Prior Actual	FY 2020-21 Proposed	FY 2021-22 Proposed	FY 2022-23 Proposed	FY 2023-24 Proposed	FY 2024-25 Proposed
Park Grants - 327	-	\$189,758	-	-	-	-
Measure S 2014 - 106	-	\$60,242	-	-	-	-
Total	-	\$250,000	-	-	-	-

**City of Pinole
Capital Improvement Plan
Fiscal Years 2020-21 through 2024-25**

Project: Sanitary Pump Station Rehabilitation

Description: Perform an overall assessment of the two sewer pump stations. Address issues identified by the assessment including improvements to the structure and controls at Hazel Street to facilitate construction on a through road.

Justification: Both the existing pump stations have reached the end of their useful life and need to be rehabilitated.



Project Number: SS1702

Projected Timing:

Estimated Start Date: October 2020
Estimated End Date: August 2022

Total Estimated Cost:

Planning and Design:	\$ 22,500
Engineering/Administrative:	\$ 150,000
Construction:	\$ 884,000
Equipment:	\$ -
Contingency:	\$ 143,500
Total:	\$ 1,200,000

Funding Source:

	Prior Actual	FY 2020-21 Proposed	FY 2021-22 Proposed	FY 2022-23 Proposed	FY 2023-24 Proposed	FY 2024-25 Proposed
Sewer Enterprise Fund- 500	-	\$1,200,000	-	-	-	-
		-				
Total	-	\$1,200,000	-	-	-	-

City of Pinole
Capital Improvement Plan
Fiscal Years 2020-21 through 2024-25

Project: Sanitary Sewer Collection System Master Plan

Description: Update the 2008 Sanitary Sewer Master Plan

Justification: Master planning is critical to identify when and where infrastructure upgrades or improvements will be needed to accommodate growth such that the wastewater needs of the residents and businesses can be effectively served. The update will allow the City to develop a prioritized capital plan which will provide the best utilization of capital funds.



Project Number: SS2001

Projected Timing:

Estimated Start Date: July 2020
Estimated End Date: June 2021

Total Estimated Cost:

Planning and Design:	\$ 425,700
Engineering and Administrative:	\$ -
Construction:	\$ -
Equipment:	\$ -
Contingency:	\$ -
Total:	\$ 425,700

Funding Source:

	Prior Actual	FY 2020-21 Proposed	FY 2021-22 Proposed	FY 2022-23 Proposed	FY 2023-24 Proposed	FY 2024-25 Proposed
Sewer Enterprise Fund- 500	-	\$425,700	-	-	-	-
Total	-	\$425,700	-	-	-	-

**City of Pinole
Capital Improvement Plan
Fiscal Years 2020-21 through 2024-25**

Project: Water Pollution Control Plant Lab Remodel

Description: Remodel of the WPCP lab

Justification: The California Environmental Laboratory Accreditation Program (ELAP) is responsible for accrediting environmental testing labs including the Pinole-Hercules WPCP. The 2019 ELAP inspection results indicated that the lab apparatus, countertops, and the fume hood are past their useful life and recommended for replacement.



Project Number: SS2002

Projected Timing:

Estimated Start Date: July 2020

Estimated End Date: June 2021

Total Estimated Cost:

Planning and Design:	\$ -
Engineering and Administrative:	\$ -
Construction:	\$ 100,000
Equipment:	\$ -
Contingency:	\$ -
Total:	\$ 100,000

Funding Source:

	Prior Actual	FY 2020-21 Proposed	FY 2021-22 Proposed	FY 2022-23 Proposed	FY 2023-24 Proposed	FY 2024-25 Proposed
Sewer Enterprise Fund- 500	-	\$50,000	-	-	-	-
City of Hercules		\$50,000				
Total	-	\$100,000	-	-	-	-

City of Pinole
Capital Improvement Plan
Fiscal Years 2020-21 through 2024-25

Project: **Hazel Street Storm Drainage Improvements**

Description: Convert existing stormwater collection open channel to underground pipe and add drainage

Justification: The existing system is an open trench and needs to be converted to an underground conveyance system to facilitate construction of a through road. Converting the system to underground also aids in compliance with the MSP4 by reducing the potential of contaminants including litter from entering the stormwater system.



Project Number: SW1901

Projected Timing:

Estimated Start Date: July 2020
Estimated End Date: June 2021

Total Estimated Cost:

Planning and Design:	
Engineering and Administrative:	\$ 20,000
Construction:	\$ 160,000
Equipment:	
Contingency:	\$ 20,000
Total:	\$ 200,000

Funding Source:

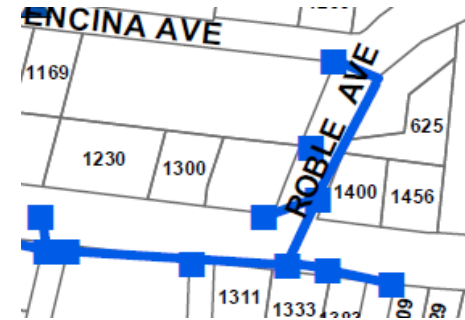
	Prior Actual	FY 2020-21 Proposed	FY 2021-22 Proposed	FY 2022-23 Proposed	FY 2023-24 Proposed	FY 2024-25 Proposed
Measure S 2014 - 106	-	\$192,000	-	-	-	-
Growth Impact Fees - 276	-	\$8,000	-	-	-	-
Total	-	\$200,000	-	-	-	-

City of Pinole
Capital Improvement Plan
Fiscal Years 2020-21 through 2024-25

Project: Roble Road Storm Drainage Improvements

Description: Assess collection system at Roble and Encina for capacity and hydraulic profile and upgrade system as warranted.

Justification: The existing system appears to have capacity issues that warrant review and upgrade.



Project Number: SW2001

Projected Timing:

Estimated Start Date: July 2020
 Estimated End Date: June 2021

Total Estimated Cost:

Planning and Design:	
Engineering and Administrative:	\$ 20,000
Construction:	\$ 160,000
Equipment:	
Contingency:	\$ 20,000
Total:	\$ 200,000

Funding Source:

	Prior Actual	FY 2020-21 Proposed	FY 2021-22 Proposed	FY 2022-23 Proposed	FY 2023-24 Proposed	FY 2024-25 Proposed
Growth Impact Fees - 276		-	\$200,000	-	-	-
*Unfunded						
Total	-	-	\$200,000	-	-	-

**City of Pinole
Capital Improvement Plan
Fiscal Years 2020-21 through 2024-25**

Project: Adobe Road Storm Drainage Improvements

Description: Install culvert. Regrade area and restore road surface.

Justification: Adobe Road experienced a failure due to drainage impacts. The drainage in the area needs to be controlled to allow the road to be rebuilt.



Project Number: SW2002

Projected Timing:

Estimated Start Date: July 2020
Estimated End Date: June 2021

Total Estimated Cost:

Planning and Design:	
Engineering and Administrative:	\$ 15,000
Construction:	\$ 120,000
Equipment:	
Contingency:	\$ 15,000
Total:	\$ 150,000

Funding Source:

	Prior Actual	FY 2020-21 Proposed	FY 2021-22 Proposed	FY 2022-23 Proposed	FY 2023-24 Proposed	FY 2024-25 Proposed
Measure S 2014 - 106	-	\$150,000	-	-	-	-
Total	-	\$150,000	-	-	-	-

City of Pinole
Capital Improvement Plan
Fiscal Years 2020-21 through 2024-25

Project: Storm Drainage Master Plan

Description: Prepare a storm drainage master plan

Justification: Preparation of a storm drain master plan will provide an analysis of the existing collection system. The plan will identify system deficiencies related to capacity, functionality, and permit compliance. The plan can serve to guide future budget allocations for improvements to the system.



Project Number: SW1703

Projected Timing:

Estimated Start Date: July 2020
Estimated End Date: June 2023

Total Estimated Cost:

Planning and Design:	\$ 75,000
Engineering and Administrative:	\$ -
Construction:	\$ -
Equipment:	\$ -
Contingency:	\$ -
Total:	\$ 75,000

Funding Source:

	Prior Actual	FY 2020-21 Proposed	FY 2021-22 Proposed	FY 2022-23 Proposed	FY 2023-24 Proposed	FY 2024-25 Proposed
Measure S 2014 - 106		-	\$75,000	-	-	-
Total	-	-	\$75,000	-	-	-

**City of Pinole
Capital Improvement Plan
Fiscal Years 2020-21 through 2024-25**

Project: Pavement Maintenance and Rehabilitation Program

Description: Road maintenance and rehabilitation projects

Justification: Pavement maintenance and rehabilitation projects are programmed using asset management software focussing on a "fix it first" decision matrix. The most recent Pavement Management Report dated March 2019 includes a condition assessment for each segment of roadway in Pinole. The Report helps identify roads, that because of their Pavement Condition Index (PCI), should receive pavement maintenance or rehabilitation with the intent of extending the useful life of the road. In the Report, the overall system PCI was 67. The desirable overall system PCI is 80. Funding availability is limited and insufficient to adequately maintain the PCI of the entire existing road system. The overall system PCI will continue decline with the available funding.



Current Pending Projects: Visit <https://www.ci.pinole.ca.us/pavement> to view the latest information

Project Number: RO1707

Projected Timing:

Estimated Start Date: 2020
Estimated End Date: 2021

Funding Source:	Prior Actual	FY 2020-21 Proposed	FY 2021-22 Proposed	FY 2022-23 Proposed	FY 2023-24 Proposed	FY 2024-25 Proposed
City Street Improvements - 325 *	-	\$129,900	-	-	-	-
Arterial Street Rehab - 377 *	-	\$643,281	-	-	-	-
Gas Tax (RMRA/SB1 Funds) - 200 **	-	\$926,032	-	-	-	-
Total	-	\$1,699,213	-	-	-	-

* Original funding source is Measure S 2014

** RMRA/SB1 funding is estimated pending confirmation of actual sources available.

**City of Pinole
Capital Improvement Plan
Fiscal Years 2020-21 through 2024-25**

Project: Pinole Valley Road Improvements

Description: Improvements on Pinole Valley Road at completion of Pinole Valley High School construction.

Justification: As part of the high school construction project WCCUSD provided road improvements along the school frontage. Improvements to Pinole Valley Road - from Shea to Granada - will extend the useful life of the pavement. The existing pavement score is high in this area, so a slurry seal would be the recommended treatment.



Project Number: RO1708

Projected Timing:

Estimated Start Date: 2020
Estimated End Date: 2021

Total Estimated Cost:

Planning and Design:	\$ -
Engineering and Administrative:	\$ 5,000
Construction:	\$ 87,000
Equipment:	\$ -
Contingency:	\$ 8,000
Total:	\$ 100,000

Funding Source:

	Prior Actual	FY 2020-21 Proposed	FY 2021-22 Proposed	FY 2022-23 Proposed	FY 2023-24 Proposed	FY 2024-25 Proposed
Gas Tax - 200	-	\$100,000	-	-	-	-
Total	-	\$100,000	-	-	-	-

City of Pinole
Capital Improvement Plan
Fiscal Years 2020-21 through 2024-25

Project: Pinole Valley Road Underground District

Description: Undergrounding utilities on Pinole Valley Road to complement the Pinole Valley High School Project.

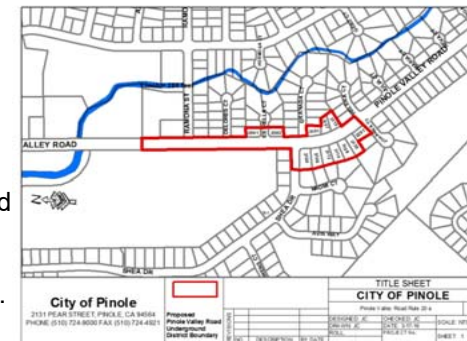
Justification: The underground district will allow the City of Pinole to use Rule 20A credits, funds paid by PG&E to the PUC, to underground overhead utility lines. As part of the underground project, the City will need to add a streetlight that must be funded outside the Rule20A program. The project will be coordinated with the Pinole Valley Road Improvement Project.

Project Number: RO1709

Projected Timing:

Estimated Start Date: 2017

Estimated End Date: 2021



Funding Source:

	Prior Actual	FY 2020-21 Proposed	FY 2021-22 Proposed	FY 2022-23 Proposed	FY 2023-24 Proposed	FY 2024-25 Proposed
Rule 20A Credits	-	\$2,557,658	-	-	-	-
Gas Tax - 200	-	\$28,363	-	-	-	-
Measure J - 215	\$315,552	-	-	-	-	-
Total	\$315,552	\$2,586,021	-	-	-	-

**City of Pinole
Capital Improvement Plan
Fiscal Years 2020-21 through 2024-25**

Project: San Pablo Avenue Bridge over BNSF Railroad

Description: Replace San Pablo Avenue Bridge (Bridge # 28C0062)

Justification: The San Pablo Avenue Bridge is an integral part of the area's transportation system. The age of the bridge and the condition assessment support replacement. Further, the existing bridge does not meet the current standards for pedestrian access. Caltrans has placed the Bridge in their funding plan and programmed \$879,103 in funding for 88.5% of the design and environmental cost. The estimated cost for the bridge replacement has increased to \$37,775,600. We have reapplied for additional funding and are awaiting a revised budget allocation of 88.5% of the overall cost. This project is partially funded by the CCTA TLC Program.



Project Number: RO1710

Projected Timing:

Estimated Start Date: 2017
Estimated End Date: Beyond 5 year term

Total Estimated Cost:

Planning and Design:	\$ 2,494,600
Construction:	\$ 35,181,000
R/W	\$ 100,000
Total:	\$ 37,775,600

Funding Source:	Prior Actual	FY 2020-21 Proposed	FY 2021-22 Proposed	FY 2022-23 Proposed	FY 2023-24 Proposed	FY 2024-25 Proposed	Beyond Proposed
City Street Improvements - 325 *		\$ 150,695	246,905		-	-	\$1,202,399
State Contribution		\$ 879,103	-	-	-	-	
Measure J (TLC) - 215**	\$ 100,059		-	-	-	-	\$ 286,941
Funding Shortfall - State			1,417,896				\$ 31,145,739
Funding Shortfall - Local Match		-		-	-	-	\$ 2,345,862
Total	\$100,059	\$1,029,798	\$1,664,801	-	-	-	\$34,980,941

* WCCTAC STMP funds

**City of Pinole
Capital Improvement Plan
Fiscal Years 2020-21 through 2024-25**

Project: HAWK at Appian and Marlesta

Description: Install a High-Intensity Activated Cross Walk (HAWK) Beacon

Justification: The intersection of Appian and Marlesta experiences high traffic volumes that can be hazardous for pedestrians. As a result, a HAWK, or High Intensity Activated Cross Walk Beacon, will increase pedestrian visibility and safety. This project is partially funded by the CCTA TLC Program.

Project Number: RO1714

Projected Timing:

Estimated Start Date: 2024
Estimated End Date: 2025



Total Estimated Cost:

Planning and Design:	\$ -
Engineering and Administrative:	\$ 15,600
Construction:	\$ 109,000
Equipment:	\$ -
Contingency:	
Total:	\$ 124,600

Funding Source:

	Prior Actual	FY 2020-21 Proposed	FY 2021-22 Proposed	FY 2022-23 Proposed	FY 2023-24 Proposed	FY 2024-25 Proposed
City Street Improvements - 325 *	\$ 4,600	-	-	-	-	-
Measure J (TLC) - 215 *	-	-	-	-	-	\$ 120,000
Total	\$ 4,600	-	-	-	-	\$ 120,000

* Funded \$120,000 by the CCTA TLC Program.

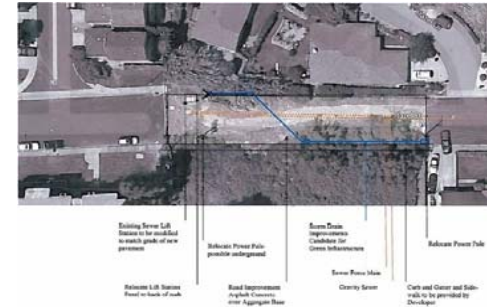


**City of Pinole
Capital Improvement Plan
Fiscal Years 2020-21 through 2024-25**

Project: Hazel Street Gap Closure (Sunnyview)

Description: Hazel Street Four-lot Subdivision Project: Roadway improvements

Justification: A developer has proposed to develop on a vacant lot identified as APN 402-013-060 at the end of Hazel Street. The project proposes the subdivision of the lot into four new parcels and development of single family residences on each new parcel, and execution of a development agreement to make public improvements, including the extension of Hazel Street for roadway connection to Sunnyview Drive - West end of Hazel St.



Project Number: RO 1802

Projected Timing:

Estimated Start Date: 2021
Estimated End Date: 2022

Total Estimated Cost:

Planning and Design:	\$ -
Engineering and Administrative:	\$ -
Construction:	\$ 50,000
Equipment:	\$ -
Contingency:	\$ -
Total:	\$ 50,000

Funding Source:

	Prior Actual	FY 2020-21 Proposed	FY 2021-22 Proposed	FY 2022-23 Proposed	FY 2023-24 Proposed	FY 2024-25 Proposed
Impact Fees	-	-	\$50,000	-	-	-
Total	-	-	\$50,000	-	-	-

**City of Pinole
Capital Improvement Plan
Fiscal Years 2020-21 through 2024-25**

Project: **Pedestrian Improvements at Tennent near RXR**

Description: Improvements to Tennent Avenue at the Railroad Crossing to facilitate the movement of bicycles and pedestrians adjacent to vehicle traffic.

Justification: The Bay Trail project recently finished by EBRPD nearly connects the Bay Trail through Pinole. There remains one very small gap on Tennent Avenue from Bayfront Park to Railroad Avenue. This area currently consists of asphalt paving with additional width for pedestrians. This project will improve the crossing controls.

Project Number: RO1902

Projected Timing:

Estimated Start Date: 2020
Estimated End Date: 2021

Total Estimated Cost:

Planning and Design:	\$	50,000
Engineering and Administrative:	\$	50,000
Construction:	\$	-
Equipment:	\$	-
Contingency:	\$	-
Total:	\$	100,000



Funding Source:

	Prior Actual	FY 2020-21 Proposed	FY 2021-22 Proposed	FY 2022-23 Proposed	FY 2023-24 Proposed	FY 2024-25 Proposed
WCCTAC STMP Fees	-	\$ 100,000	-	-	-	-
Total	-	\$ 100,000	-	-	-	-