

Department of Engineering & Capital Projects



Engineering Capital Projects CIP FY 23/24 PROGRAM

CONSTRUCTION NETWORK MEETING
January 31, 2024



Rosina Constanza

Principal Civil Engineer, Design and Land Survey
Department of Engineering & Capital Projects

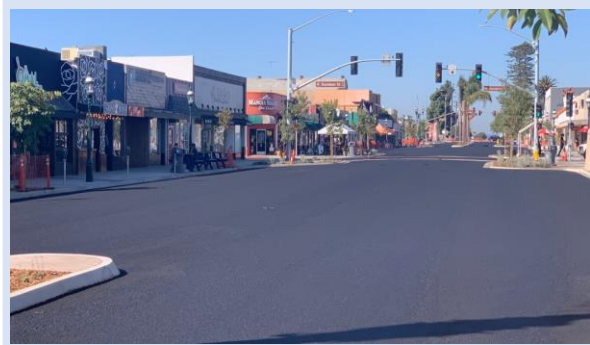


ENGINEERING CAPITAL PROJECTS

PAVEMENT

CIP	Description	Project Budget
STL0457	RMRA Pavement Maintenance - FY21/22	\$ 1,000,000
STM0400	RMRA Major Pavement Rehab FY19/2020	\$ 4,396,380
STM0410	RMRA Pavement Rehab FY2021/2022	\$ 4,229,080
STM0408	Pavement Major Rehab Program FY21/22	\$ 3,850,000
STL0460	RMRA Pavement Maintenance FY2022/23	\$ 1,000,000
STM0412	RMRA Pavement Rehabilitation FY2022/23	\$ 5,457,069

CIP	Description	Project Budget
STL0455	Pavement Maintenance Program FY2021/22	\$ 1,780,554
STL0465	RMRA Pavement Maintenance FY2023/24	\$ 1,300,000
STM0411	Pavement Major Rehabilitation Program FY2022/23	\$ 5,314,540
STL0459	Pavement Maintenance Program FY2022/23	\$ 1,707,583
STM0385	Bridge Maintenance	\$ 305,000



Total Pavement: \$ 30,340,206

SIDEWALK

CIP	Description	Project Budget	CIP	Description	Project Budget
STL0436	D Street Sidewalk Project	\$ 676,800	STM0406	Bay Blvd Street Sidewalk Improvements	\$ 150,000
STL0426	Sidewalk Gap Third Ave W/S Orange Ave to Anita St, E/S Anita St to Zenith St	\$ 1,031,551	STL0454	ADA Pedestrian Curb Ramps Program FY2021/22	\$ 124,500
STL0456	Sidewalk Replacement Program FY2021/22	\$ 250,000	STL0461	ADA Pedestrian Curb Ramps Program FY2022/23	\$ 250,000
STL0462	Sidewalk Replacement Program FY2022/23	\$ 200,000	STM0405	ADA Path Installations on Otay Lakes Rd at Camino Del Cerro Grande & Ridgeview Way	\$ 150,000



Total Sidewalk: \$ 2,832,851

ROADWAY

CIP	Description	Project Budget
STM0386	<i>Heritage Rd Bridge Replacement Project</i>	\$ 24,891,231
STM0388	<i>Main Street Widening FY2015/16</i>	\$ 8,470,000
STL0442	Street Improvements on Alpine Ave between Emerson St. & Naples St.	\$ 2,081,434
STL0464	F Street Promenade Phase 1	\$ 9,887,000



Total Roadway: \$ 45,329,665

TRAFFIC

CIP	Description	Project Budget
TRF0422	Radar Speed Feedback Signs	\$ 360,000
TRF0417	Installation of Enhanced Crosswalks in School Zones	\$ 90,000
TRF0418	Install of Lead Pedestrian Interval Traffic Signal Ops	\$ 2,333,900
TRF0403	Traffic Signal Communication Improvements East of I-805	\$ 1,750,000
TRF0416	Intersection Safety Improvements	\$ 1,220,000
TRF0431	Signal Improvements at 2 Locations and Jacqua St Truck Access Ctrl	\$ 900,000
TRF0429	Pedestrian and Guardrail Improvements at Various Locations	\$ 380,000
TRF0432	Olympic Pkwy Safety Enhancements	\$ 700,000
TRF0415	Telegraph Canyon Rd Raised Median Improvements	\$ 720,997
STL0446	Bonita Rd Left-Turn Improvements on Bonita Rd at Bonita Glen Dr	\$ 500,000
STM0394	UUD Street Light Conversion - F St Phase 1	\$ 200,000

CIP	Description	Project Budget
TRF0427	North Second Avenue Shoulder Improvements	\$ 582,500
TRF0411	Pedestrian Improvements at Uncontrolled Mid-block Crosswalks at Castle Park Middle School	\$ 320,000
TRF0426	Adaptive Signal System Expansion along Otay Lakes Rd	\$ 450,000
STM0407	F Street Undergrounding Phase 2 - Street Light Design	\$ 70,000



Total Traffic: \$ 10,577,397

SEWER

CIP	Description	Project Budget
SWR0320	Sewer Manhole Rehabilitation FY2020/21	\$ 350,000
SWR0322	Sewer Pipeline Rehabilitation FY21/22	\$ 200,000
SWR0294	Sewer Access Rehabilitation FY2015/16	\$ 600,000
SWR0302	Sewer Access Rd Rehabilitation FY 2017/18	\$ 400,000
SWR0275	<i>Sewer Force Main @ G Street Pump Station</i>	<i>\$ 1,542,439</i>
SWR0309	<i>G Street Pump Station Upgrade</i>	<i>\$ 2,750,000</i>
SWR0286	Agua Vista Pump Station Upgrades	\$ 1,124,000
SWR0308	Sewer Access Rd Rehabilitation FY 2018/19	\$ 350,000
SWR0313	Sewer Access Rd Rehabilitation FY2019/20	\$ 350,000
SWR0319	Sewer Access Rd Rehabilitation FY2020/21	\$ 350,000
SWR0312	Sewer Rehab & Upsize Telegraph Canyon Basin (Industrial Blvd)	\$ 3,392,000
SWR0291	J Street Sewer Junction Structure Improvement	\$ 1,899,224
SWR0325	Maintenance Hole Rehabilitation Program FY2022/23	\$ 300,000

CIP	Description	Project Budget
SWR0323	Sewer Pipeline Upsize: 5th Ave between K and J	\$ 363,000
SWR0311	Poggi Cnyn Sewer Imprvmnts Olympic Pkwy at Concord Way	\$ 2,193,000
GGV0245	Police Facility Sewer Pump Station Relocation	\$ 360,000



Total Sewer:

\$ 16,523,663

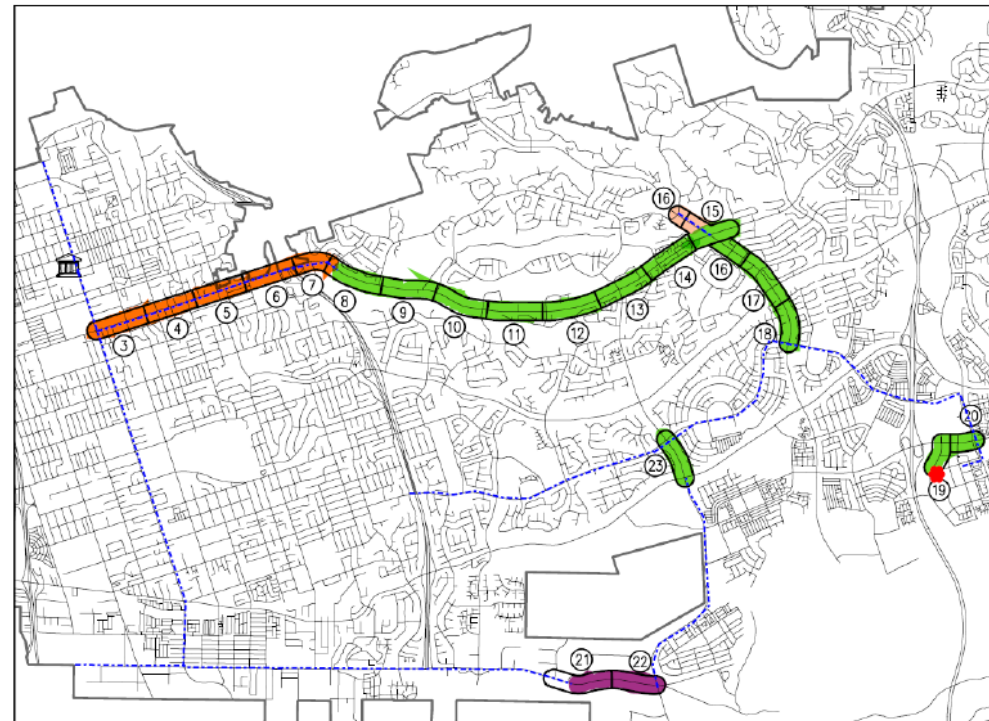
DRAINAGE

CIP	Description	Project Budget
DRN0219	CMP Rehab Outside of Right of Way Phase III - Measure P	\$ 4,676,187
DRN0217	Corrugated Metal Pipe Repair In The Right-Of-Way FY2020/21	\$ 2,923,497
DRN0208	Telegraph Canyon Channel Improvements	\$ 10,843,933











Total Drainage: \$ 18,443,617

CIP	Description	Status	Project Budget
TRF0403	Traffic Signal Communication Improvements East of I-805	Construction – Preconstruction	\$ 1,750,000



VICINITY MAP

LEGEND

-  CITY HALL
-  SHEET NUMBER
-  PROJECT CORRIDOR
-  EXISTING FIBER
-  Ex. 36 SMFOC (PIP), Ex. Conduit, Install 144
-  Ex. 6 Pair SIC (PIP), Ex. Conduit, Install 144
-  Ex. 6 Pair SIC (PIP) & 48 SMFOC, Ex. Conduit, Reuse Ex. 48 SMFOC
-  Ex. Empty Conduit, Install 144

NOT TO SCALE

Project includes new switches & FDU's at select locations. Refer to project plans.

G STREET PUMP STATION

CIP	Description	Status	Project Budget
SWR0275/SWR0309	G Street Force Main & Pump Station Upgrade	Construction – Completion Winter 2024	\$ 4,292,439



HERITAGE BRIDGE RD

CIP	Description	Status	Project Budget
STM0386 / STM0388	Main Street and Heritage Road Bridge Replacement	100% Design – Adv Spring 2024	\$ 53,357,000





CIP PROGRAM SUMMARY

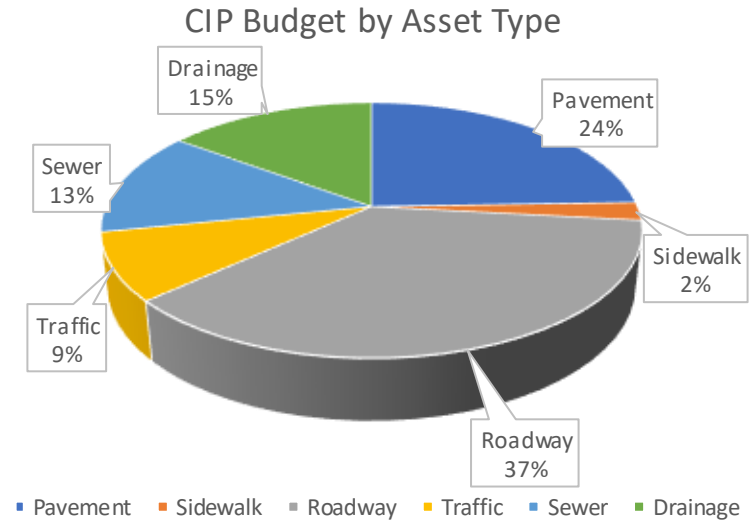
PROJECT TYPE	# OF CIPs	BUDGET BY ASSET TYPE
PAVEMENT	11	\$ 30,340,206
SIDEWALK	8	\$ 2,832,851
ROADWAY	4	\$ 45,329,665
TRAFFIC	15	\$ 10,577,397
SEWER	16	\$ 16,523,663
DRAINAGE	3	\$ 18,443,617
TOTAL		\$124,047,399

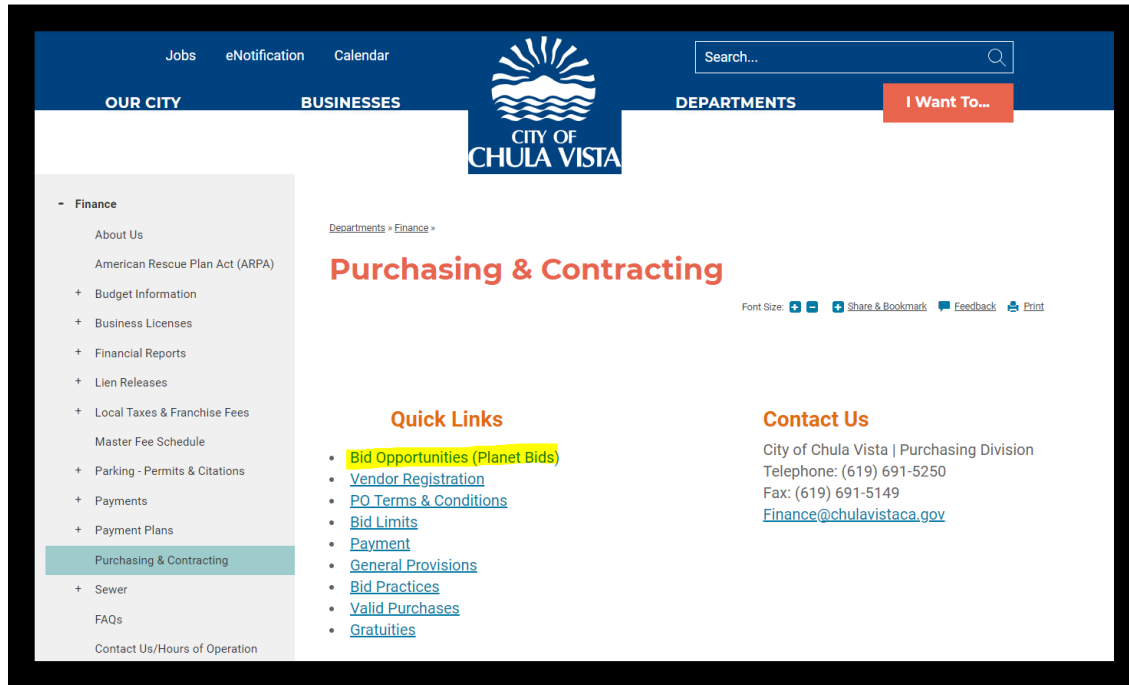
CIP FUNDING SOURCES

LOCAL: SEWER, TRANSNET, GAS TAX, RMRA, TRAFFIC SIGNAL, DIF(S), MEASURE P

STATE: ATP, HSIP

FEDERAL: CDBG, HSIP, HBP





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Questions?