

Roads Update

Merced City Council

April 21, 2025



Roads Update Background

- Request by City Council Member Harris
- Roads and funding are a frequent discussion topic of Transportation Subcommittee – most recent March 11, 2025
- Information has been provided in the past to the Tax Transparency Committee
- Road projects are part of the annual Capital Improvement Program (CIP) reviewed by the Planning Commission and approved by City Council as part of the annual budget process

City Department Roles

- Engineering Division: design – engineering, preparation of specifications, issues bids, awards contracts, Capital Improvement Program (CIP), annual SB1 Resolution for projects, competitive applications
- Public Works Department provides ongoing maintenance and performs work that is not subject to bidding requirements, sweeping, and leaf cleanup
- Over 48,000 potholes filled in 2024



Funding Sources



CMAQ
Congestion Mitigation Air Quality



Measure V Alternative Modes

Measure V Regional & Local



LTF – Local Transportation Fund

RSTP – Regional Surface Transportation Program

PFFP - Public Facility Finance Program



Measure C
SB1

Road Project Costs



Funding has decreased



Project costs have increased



Preserving roads is far less
than reconstruction

Seals, crack filling
Grind & Overlay



		ROADWAY FULL RE-CONSTR	FULL RECLAMATION	GRIND & OVERLAY	CAPE SEAL	SCRUB & FOG SEAL
ROADWAY CLASSIFICATION	STREET LENGTH					
ARTERIAL	MILE	\$ 2,200,000.00	\$ 1,689,600.00	\$ 1,352,000.00	\$ 470,000.00	\$ 226,000.00
COLLECTOR	MILE	\$ 1,100,000.00	\$ 929,280.00	\$ 790,000.00	\$ 323,000.00	\$ 155,000.00
LOCAL	MILE	\$ 700,000.00	\$ 609,000.00	\$ 550,000.00	\$ 235,000.00	\$ 113,000.00
		ROADWAY FULL RE-CONSTR	ROADWAY FULL RECLAMATION	GRIND & OVERLAY	CAPE SEAL	SCRUB & FOG SEAL
ROADWAY CLASSIFICATION	STREET LENGTH					
ARTERIAL	MILE	\$ 2,662,000.00	\$ 2,044,416.00	\$ 1,635,920.00	\$ 568,700.00	\$ 273,460.00
COLLECTOR	MILE	\$ 1,331,000.00	\$ 1,124,428.80	\$ 955,900.00	\$ 390,830.00	\$ 187,550.00
LOCAL	MILE	\$ 847,000.00	\$ 736,890.00	\$ 665,500.00	\$ 284,350.00	\$ 136,730.00

← NEW

			Roadway Full Re-Construction	Roadway Full Depth Reclamation	Grind & Overlay	Cape Seal	Scrub & Fog Seal
ROADWAY CLASSIFICATION	STREET LENGTH	ESTIMATED AREA (SF)	ITEM TOTAL	ITEM TOTAL	ITEM TOTAL	ITEM TOTAL	ITEM TOTAL
Arterial Street	Mile	337920	\$ 2,200,000.00	\$ 1,689,600.00	\$ 1,352,000.00	\$ 470,000.00	\$ 226,000.00
Collector Street	Mile	232320	\$ 1,100,000.00	\$ 929,280.00	\$ 790,000.00	\$ 323,000.00	\$ 155,000.00
Local Street	Mile	168960	\$ 700,000.00	\$ 609,000.00	\$ 550,000.00	\$ 235,000.00	\$ 113,000.00

Funds Available for Capital Projects FY 25-26

Fund	Description	FY 24-25 Projects to be Determined	6/30/2025 Balance	FY 24-25 CIP Balance	FY 25-26 Projected Revenue	Total CIP Available Budget
3500	City PFFP-Roadways	\$ -	\$ 7,807,763	\$ 7,807,763		\$ 7,807,763
3501	City PFFP-Signals	-	394,891	394,891		394,891
3515	City PFFP-Transportation	-	765,360	765,360		765,360
	Subtotal City PFFP	-	8,968,014	8,968,014	-	8,968,014
3505	Developer PFFP-Roadways	-	6,897,607	6,897,607		6,897,607
3506	Developer PFFP-Signals	-	172,016	172,016		172,016
3516	Developer PFFP-Transportation	-	839,929	839,929		839,929
	Subtotal Developer PFFP	-	7,909,552	7,909,552	-	7,909,552
	PFFP Total	-	16,877,566	16,877,566	-	16,877,566
2007	SB1	347,550	(29,095)	318,455	996,719 (C)	1,315,174
2008	Measure V Alt Mode	262,487	147,626	410,113	208,326 (B)	618,439
2009	Measure V Local Transportation	987,704	719,430	1,707,134	780,835 (B)	2,487,969
3006	RSTP	1,559,885	45,896	1,605,781		1,605,781
3007	LTF	12,719	15,434	28,153		28,153
5002	Measure V Regional Projects	-	-	-		-
	Total Other Funds	3,170,345	899,291	4,069,636	1,985,880	6,055,516
	Total PTBD All Funds	\$ 3,170,345	\$ 17,776,857	\$ 20,947,202	\$ 1,985,880	\$ 22,933,082

Funding Commitments



CMAQ - \$2.1 mil – Estimate \$6.3 mil



Measure V Regional - \$7.6 mil – Estimate \$20 mil



Local Projects - \$9.5 mil –
Estimate \$12.7 mil

Future Projects – no current funds

Pavement Management System

Balance of reconstruction vs.
maintenance – Policy
Decision

Last update was done in 2017-18

Utilizes data to help in decision
making

Focus is on major arterials &
collectors



Current Projects

- Measure V Regional
 - Hwy 59 Widening – north of 16th St.
 - Hwy 59 Black Rascal Bridge
 - Mission Ave. Widening
- All are in design
- Environmental
- Right of Way
- Regional and local funds



Current Projects

CMAQ Projects

Competitive Applications

- Olive, Parsons, Alexander Sidewalks
- Nottingham Sidewalks
- Parkwest, McGregor Sidewalks
- Traffic Signal Synchronization
- New Traffic Signal – Hwy 59 and 16th ST
- Melody Lane Sidewalks
- Multi use Path Yosemite Ave. & Community College Drive – Merced College
- West Avenue, Home, Fig

Projects

Under Construction

- Yosemite Ave.
- Bear Creek Ped Repairs
- Main St. Directional
- Safe Streets – lighting retrofit
- Signal Controller Replacements

In Design

- Santa Fe Strip Park – Speed Table – 90%
- R St. – 16th – 18th – 90%
- 18th St. – V-R – 80%
- R St. Olive Ave – Northwood Dr – 80%
- BNSF Quiet Zones – 50%

Future Projects & Requests

Future

- Canal & Childs Ave
- Collins Dr.
- M St. Sidewalks – 19th to 21st
- Yosemite Ave. – M St to R St.
- M St. & Buena Vista
- Traffic Signal and Loop Replacement
- M St. Eucalyptus Bike Path

Requests

- Sydney Lane
- Study – Childs Av. & Manzanita
- McKee Rd – Coop Project with County
- Bellevue Road Multi Use Path – UC Merced
- School Polara System & poles
- Traffic Controllers
- School Flashing Beacons
- Mission Ave. Near CP42

Next Steps – Considerations

May consider bonding for Measure V Local to complete projects

Prioritize projects based on design completeness – Transportation Subcommittee recommendations

Consider setting an allocation for reconstruction vs. maintenance

Consider other funding sources

