

Parlier and Newmark Roundabout

SJV Project-Level Conformity

City of Parlier

Federal Project Number: CML-5252(035)

FTIP: LSTMP842

November 20, 2024



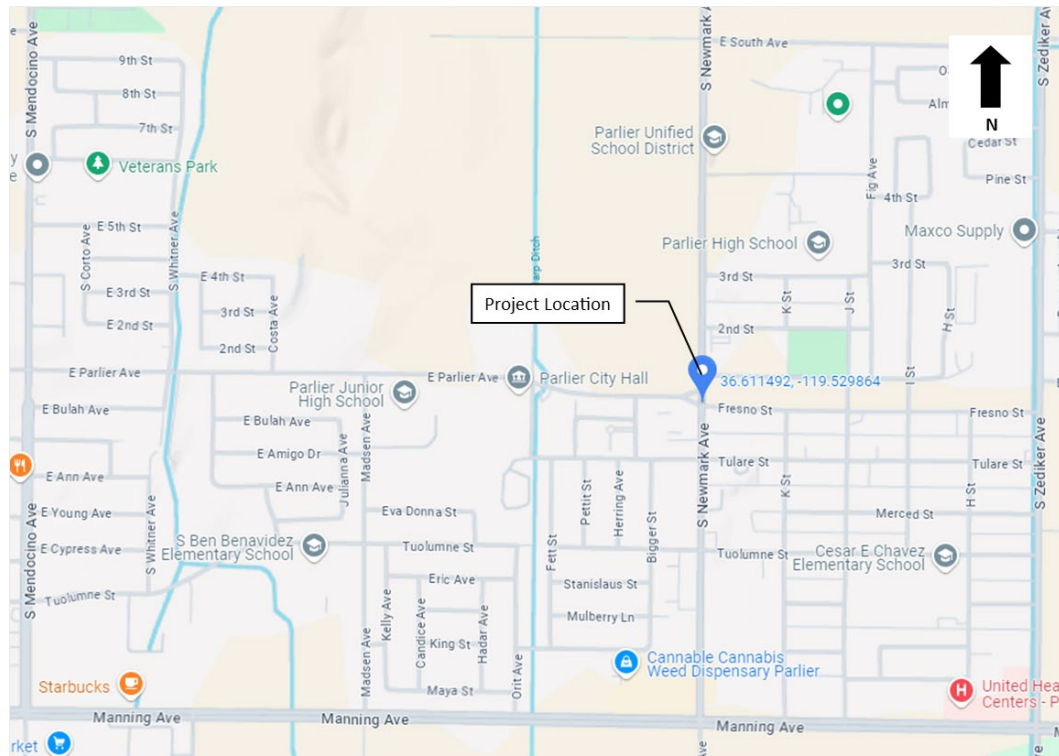
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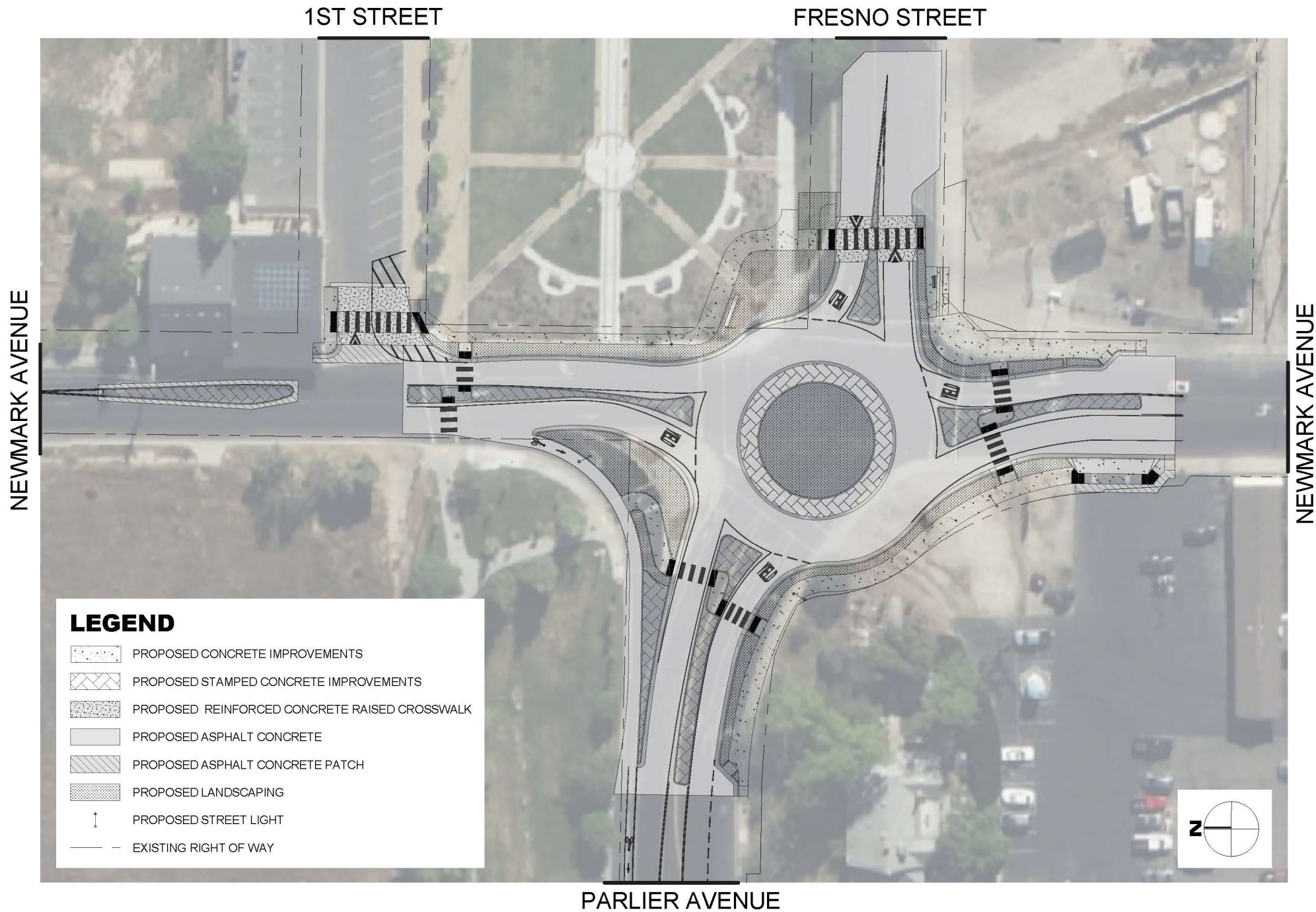
Project Description

- Intersection of Parlier Ave/Fresno St and Newmark Ave
- Construct a single-lane roundabout with pedestrian and bicycle crossing facility enhancements
- Will include curb and gutter, ADA curb ramps, stamped concrete, splitter islands, and park strips and a center island with drought-tolerant landscaping.
- All proposed improvements are within the existing right of way
- Currently an all-way stop-controlled intersection with two-lane roads

Project Location



Project Layout



Purpose and Need

Purpose:

- To improve the efficiency of the intersection and increase driver and pedestrian safety.
- Reduce delays and increase the level of service
- Reduce pedestrian crossing lengths

Need:

- Currently there are high pedestrian traffic volumes resulting in long delays for vehicles.
- The intersection consists of 55 to 80 feet long crosswalks

FTIP Project Listing

AGENCY	FTIP	GROUPED LIST PROJECT #	PROJECT ID #	PROJECT TITLE	PROJECT DESCRIPTION	FUND	PRIOR	FY22/23	FY23/24	FY24/25	FY25/26	FUTURE	FUND TOTAL	TOTAL COST	
Fresno Area Express (FAX)	'23-00	FRE190009	LSTMP789	Transit Service Adjustments	Implement multi-phase service changes as a pilot project to increase ridership and better serve currently under-served areas of Fresno [LCTOP funds: 20/21: \$832,000, 21/22: \$1,000,000, 22/23: \$1,000,000]	LCTOP	\$1,832	\$1,000	\$0	\$0	\$0	\$0	\$2,832		
Fresno Area Express (FAX)	'23-00	FRE190009	LSTMP802	FAX Crosstown Service Improvements - Routes 3, 45, and 20	Fresno Area Express, Routes 3, 45, and 20; service extensions and frequency improvements	Local	\$368	\$100	\$0	\$0	\$0	\$0	\$468	\$3,300	
Fresno Area Express (FAX)	'23-00	FRE190009	LSTMP802	FAX Crosstown Service Improvements - Routes 3, 45, and 20	Fresno Area Express, Routes 3, 45, and 20; service extensions and frequency improvements	CMAQ	\$0	\$978	\$1,957	\$1,957	\$978	\$0	\$5,870		
Fresno Area Express (FAX)	'23-00	FRE190009	LSTMP802	FAX Crosstown Service Improvements - Routes 3, 45, and 20	Fresno Area Express, Routes 3, 45, and 20; service extensions and frequency improvements	Local	\$0	\$127	\$254	\$254	\$127	\$0	\$762	\$6,632	
TOTAL FRE190009 - TRANSIT AGENCY OPERATING ASSISTANCE								\$3,800	\$3,272	\$2,744	\$2,211	\$1,105	\$0	\$13,132	\$13,132
Coalinga, City of	'23-00	FRE190011	LSTMP733	Coalinga Dirt Alley Paving - Phase 2	Alley #38 Dorothy St between Polk and Valley, Alley #39 between Hayes and Roosevelt, Alley #40 between Maple and Acabedo, Alley #41-42 between 3rd and 4th St, Alley #43 between Joaquin and California, and Alley #44 between Joaquin and Nevada; Pave seven dirt alleyways. (TC)	CMAQ	\$106	\$664	\$0	\$0	\$0	\$0	\$770	\$770	
Huron, City of	'23-00	FRE190011	LSTMP801	9th Street Paving - Giffen to Siskiyou	9th St from 500 ft e/o Giffen to Siskiyou; dirt roadway paving (Toll Credits PE/CON)	CMAQ	\$0	\$25	\$0	\$205	\$0	\$0	\$230	\$230	
Huron, City of	'23-00	FRE190011	LSTMP831	Huron Alley Paving: Tomado to Cherry	Between Granada and Orange Streets from Tomado Ave to Cherry St; Dirt Alley Paving (Toll Credits PE/CON)	CMAQ	\$0	\$17	\$0	\$143	\$0	\$0	\$160	\$160	
Kingsburg, City of	'23-00	FRE190011	LSTMP835	Mehlert/Warkentin Alley Paving: 14th to 10th	Mehlert St/Warkentin St from 14th Ave to 10th Ave; construct alley pavement (Toll Credits PE/CON)	CMAQ	\$0	\$26	\$0	\$259	\$0	\$0	\$285	\$285	
Kingsburg, City of	'23-00	FRE190011	LSTMP838	20th/21st Alley Paving: Sierra to Mariposa	20th Ave/21st Ave from Sierra St to Mariposa St; construct alley pavement (Toll Credits PE/CON)	CMAQ	\$0	\$26	\$0	\$279	\$0	\$0	\$305	\$305	
San Joaquin, City of	'23-00	FRE190011	LSTMP728	Sutter Ave Paving Improvements: Railroad to Manning	Sutter Ave from Railroad ROW to Manning Ave; construct a paved roadway surface over the unpaved travel lane and rehabilitate the existing roadway surface (Toll Credits PE/CON)	CMAQ	\$49	\$743	\$0	\$0	\$0	\$0	\$792		
San Joaquin, City of	'23-00	FRE190011	LSTMP728	Sutter Ave Paving Improvements: Railroad to Manning	Sutter Ave from Railroad ROW to Manning Ave; construct a paved roadway surface over the unpaved travel lane and rehabilitate the existing roadway surface (Toll Credits PE/CON)	STBG	\$0	\$348	\$0	\$0	\$0	\$0	\$348	\$1,140	
Selma, City of	'23-00	FRE190011	LSTMP841	Merced-Stillman-Tulare Alley Improvements: McCall to Wright	Merced Ave, Stillman Ave, Tulare Ave from McCall Ave to Wright St; Construct pavement, concrete valley gutter, and alley drive approaches (Toll Credits: PE/CON)	CMAQ	\$0	\$0	\$128	\$452	\$0	\$0	\$580	\$580	
TOTAL FRE190011 - PAVEMENT REHAB - ALLEY PAVING (VARIOUS AGENCIES)								\$155	\$1,849	\$128	\$1,338	\$0	\$0	\$3,470	\$3,470
Clovis, City of	'23-00	FRE190021	LSTMP743	DeWolf & Owens Mountain Roundabout	DeWolf and Owens Mountain Intersection; install a roundabout and associated improvements.	CMAQ	\$114	\$44	\$0	\$0	\$1,270	\$0	\$1,428		
Clovis, City of	'23-00	FRE190021	LSTMP743	DeWolf & Owens Mountain Roundabout	DeWolf and Owens Mountain Intersection; install a roundabout and associated improvements.	Local	\$14	\$6	\$0	\$0	\$179	\$0	\$199	\$1,733	
Clovis, City of	'23-00	FRE190021	LSTMP743	DeWolf & Owens Mountain Roundabout	DeWolf and Owens Mountain Intersection; install a roundabout and associated improvements.	CMAQ	\$0	\$0	\$0	\$507	\$0	\$0	\$507		
Parlier, City of	'23-00	FRE190021	LSTMP842	Parlier and Newmark Roundabout	Parlier Ave at Newmark Ave; Construct one-lane roundabout with pedestrian and bicycle crossing facility enhancements	STBG	\$0	\$109	\$111	\$643	\$0	\$0	\$863		
Parlier, City of	'23-00	FRE190021	LSTMP842	Parlier and Newmark Roundabout	Parlier Ave at Newmark Ave; Construct one-lane roundabout with pedestrian and bicycle crossing facility enhancements	Local	\$0	\$14	\$14	\$202	\$0	\$0	\$230	\$1,600	
TOTAL FRE190021 - INTERSECTION CHANNELIZATION (VARIOUS AGENCIES)								\$125	\$173	\$125	\$1,352	\$1,558	\$0	\$3,333	\$3,333

Project Schedule

	Preliminary Engineering	Engineering	Right-of-Way	Construction
Start	2022	2022	2023	2024
End	2023	2023	2024	2025

Traffic Data

	2026 (No Build)	2026 (Build)	2046 (No Build)	2046 (Build)
AADT	4303	4303	5751	5751
Truck AADT	74	74	98	98
% Trucks	1.7%	1.7%	1.7%	1.7%
Level of Service (LOS)	AM – B PM – B	AM – A PM – A	AM – C PM – B	AM – B PM – B
Control Delay (sec)	AM – 12.1 PM – 11.2	AM – 8.4 PM – 7.8	AM – 17.8 PM – 15	AM – 11.6 PM – 10.4

- Project Analysis Years: 2026 – Opening Year, 2046 – 20-Year Regional Emissions
- Growth Factor: 1.4% per City’s General Plan
- AADT is the same for both No Build and Build scenarios.

Project-Level Conformity Conclusion

- Project does not meet the criteria for a POAQC as defined in the final rule by 40 CFR 93.123(b)(1). The project is listed as one of the non-exempt project examples that are not a local air quality concern under 40 CFR 93.123(b)(1)(i) and (ii) stated as
 - “Intersection channelization projects, traffic circles or roundabouts, intersection signalization projects at individual intersections, and interchange reconfiguration projects that are designed to improve traffic flow and vehicle speeds, and do not involve any increases in idling and capacity.”
- Additional reasons why the project is not a POAQC are:
 - Project will improve the LOS of the intersection
 - Project will reduce queues and idling times, thus reducing emissions
 - Project will not generate any additional trips. The traffic volumes between the build and no-build scenarios are the same for both 2026 and 2046. The additional traffic in 2046 is due to natural growth of the area and there is no correlation between additional traffic and this project.



Questions?

Contact Information

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