

MEMORANDUM

To: CHAIR AND COMMISSIONERS
CALIFORNIA TRANSPORTATION COMMISSION

CTC Meeting: January 25-26, 2023

From: STEVEN KECK, Chief Financial Officer

Reference Number: 2.1b.(1), Information Item

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Division of Financial Programming

Subject: **STIP AMENDMENT 22S-07 (NOTICE)**
PPNO 1810 – CITY OF DAVIS

SUMMARY:

The City of Davis (City) will request that the California Transportation Commission (Commission) approve a State Transportation Improvement Program amendment at the next scheduled Commission meeting following the notice period.

The Department proposes to re-program \$7,700,000 of the Regional Improvement Program (RIP) funds for the current I-80/Richards Boulevard Interchange Improvement project (PPNO 1810), in Davis.

The environmental processes and design to accommodate the I-80/US 50 Managed Lanes project is taking longer than anticipated, thus the project construction start November 10, 2020, has been delayed to Fiscal Year 2024-25 and the funds programmed in 2020-21 have lapsed. The funds to be reprogrammed in 2024-25 will be coming from Sacramento Area Council of Government's unprogrammed share balance.

BACKGROUND:

The Richards Boulevard Interchange is a major entry point into the City and a key connector between south end of the City and the downtown area. In the early 1990's, the Richards Boulevard Interchange was reconstructed from a two-lane trumpet to an L-8/L-10 configuration and a four-lane facility. With this configuration, critical weave movements occur for cyclists on northbound Richards Boulevard between the Interstate 80 (I-80) westbound exit ramp and Olive Drive.

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Vehicles from the exit ramp merge with Richards Boulevard traffic at a tight angle very close to the existing Class II bike lane. Between 2009 and 2013, there were 15 reported collisions at the Richards Boulevard/Olive Drive intersection, six of which involved cyclists.

The major elements of work to be performed with this project include:

- Reconstructing the westbound on- and off-ramps from a full cloverleaf configuration into a tight diamond configuration
- Widening the eastbound I-80 off-ramp and replacing the existing sidewalk with a 12-foot shared-use path that passes under the westbound on-ramp and connects Olive Drive to Research Park Drive
- Widening the existing Putah Creek undercrossing (Bridge No. 22-0194) to accommodate the new westbound on-ramp
- Reducing the lane widths on the existing overcrossing over I-80 to avoid structure widening and closing the isolated westbound I-80 off-ramp to Olive Drive.

Additional elements of work consist of:

- Adding signals to the new ramp
- Relocating the existing nearside bus stop on Richards Boulevard
- Widening Richards Boulevard, and installing a raised median to restrict left turn movements between the Olive Drive/Richards Boulevard intersection and the westbound I-80 ramp terminal intersection
- Widening the existing Class II bicycle lanes along Richards Boulevard between Olive Drive and Research Park Drive to a minimum of 7-feet on the westerly side of the roadway.

The construction cost has increased due to the following factors:

- The design modification required to accommodate the Yolo Managed Lanes 1-80 project (PPNO 8922)
- More accurate cost estimates from the 65 percent design (the previous estimate was produced during the planning phase).
- Inflation, which is higher for transportation costs than consumer costs

Additional soft costs of approximately \$4.7 million for materials testing, third party utility coordination, construction management and inspection, municipal arts fund and a 17 percent construction contingency were also added but were not captured in the initial estimate.

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The proposed re-programming of the RIP funds is shown below:

I-80/Richards Boulevard Interchange Improvement project (PPNO 1810)

County	District	PPNO	EA	Element	Const. Year	PM Back	PM Ahead	Route/Corridor					
Yolo County	03	1810		LA	2020-21								
Implementing Agency: (by component)	PA&ED	Davis, City of				PS&E	Davis, City of						
	R/W	Davis, City of				CON	Davis, City of						
RTPA/CTC:	Sacramento Area Council of Governments												
Project Title:	I-80/Richards Boulevard Interchange Improvement												
Location:	Davis, City of												
Description:	In Davis: At the I-80/Richards Interchange: Reconstruct the north side of Richards Boulevard Interchange to remove the loop on-and off-ramps and replace with new ramp in diamond configuration. Includes traffic signal installation. Install new Class II bike lanes and a parallel Class I trail.												
(DOLLARS IN THOUSANDS)													
FUND	TOTAL	Project Totals by Fiscal Year						Project Totals by Component					
		Prior	20/21	21/22	22/23	23/24	24/25+	R/W	CON	PA&ED	PS&E	R/W Supp	CON Supp
RIP													
Existing	7,700	0	7,700	0	0	0	0	0	7,700	0	0	0	0
Change	0	0	(7,700)	0	0	0	7,700	0	0	0	0	0	0
Proposed	7,700	0	0	0	0	0	7,700	0	7,700	0	0	0	0
CMAQ													
Existing	2,912	0	2,912	0	0	0	0	0	2,912	0	0	0	0
Change	0	0	(2,912)	0	0	0	2,912	0	0	0	0	0	0
Proposed	2,912	0	0	0	0	0	2,912	0	2,912	0	0	0	0
Local Funds													
Existing	2,153	1,765	388	0	0	0	0	210	388	300	1,255	0	0
Change	5,755	(210)	(388)	0	210	0	6,143	0	5,755	0	0	0	0
Proposed	7,908	1,555	0	0	210	0	6,143	210	6,143	300	1,255	0	0
Total													
Existing	12,765	1,765	11,000	0	0	0	0	210	11,000	300	1,255	0	0
Change	5,755	(210)	(11,000)	0	210	0	16,755	0	5,755	0	0	0	0
Proposed	18,520	1,555	0	0	210	0	16,755	210	16,755	300	1,255	0	0

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