

INFRASTRUCTURE, INVESTMENTS AND JOBS ACT (IIJA)
DEPARTMENT IMPACT WORKSHEET

DEPARTMENT: *Countywide*
REPORTING PERIOD: *FY 2022/23 - Q2 (period ending December 31, 2022)*

PROGRAM INFORMATION						FINANCIAL INFORMATION					
CCC Department	CFDA	Federal Grantor Agency	State Passthrough Agency Name (if any)	Program Title	Program Description	Application Amount		Grant Award Amount		Amount Expended	
						Federal Share	County Match	Federal Share	County Match	Federal Share	County Match
PW		Federal Highway Administration (FHWA)	California Department of Transportation	Highway Safety Improvement Program	Countywide Guardrail Upgrades – Phase 2: This project proposes to upgrade existing guardrails along arterials, collectors, and local roads at various locations countywide. This project is a continuation of systemically upgrading all guardrails in the unincorporated County. The rail height and the end treatments of the guardrails will be upgraded to current Caltrans standards. Guardrails are typically installed in locations where the terrain is steep and where running off the roadway is likely to lead to serious injury. The new end treatments are designed to absorb the impact and direct errant vehicles back towards the traveled way, reducing the injury severity of vehicles hitting the guardrail. Areas under consideration for this project are: West County, Saranap, Alamo, and South Walnut Creek. These guardrails have been selected to assure cost effectiveness.	\$ 999,990	\$ 493,710	\$ 999,990	\$ 493,710	\$ -	\$ -
PW		Federal Highway Administration (FHWA)	California Department of Transportation	Highway Safety Improvement Program	Appian Way at Fran Way Pedestrian Crosswalk Enhancements: This project proposes to upgrade the existing crosswalk at the intersection of Appian Way and Fran Way in unincorporated El Sobrante. The purpose of the project is to slow down vehicle traffic and increase pedestrian safety. Improvements include installing rectangular rapid flash beacons (RRFBs), bulb-outs, and a median refuge island. Curb ramps will be upgraded to meet Americans with Disability Act standards.	\$ 249,840	\$ 260,960	\$ 249,840	\$ 260,960	\$ -	\$ -
PW		Federal Highway Administration (FHWA)	California Department of Transportation	Highway Safety Improvement Program	Walnut Boulevard Bike Safety Improvements: This project will improve bicyclist safety by widening the roadway shoulder for the southbound direction along approximately 850 feet of Walnut Boulevard between the intersections of Marsh Creek Road and Vasco Road in unincorporated Brentwood. This route serves as a natural bicycling connector between urban Brentwood and Oakley, and the lack of shoulder width along the road makes it difficult for bicyclists to safely navigate. Adding the additional pavement will improve the safety of bicyclists by providing increased separation between bicyclists and vehicles.	\$ 249,415	\$ 900,585	\$ 249,415	\$ 900,585	\$ -	\$ -
PW		Federal Highway Administration (FHWA)	California Department of Transportation	Highway Safety Improvement Program	Byron Highway Safety Improvements: This project proposes to construct safety improvements along Byron Highway between Clifton Court Road and Bruns Road. Improvements such as street lighting, edgeline rumble strips and curve advance warning flashing beacons are being considered. Forty-two collisions were recorded within a 5-year span. Of those collisions, twenty nighttime collisions occurred along this segment, accounting for 48% of all collisions. Providing roadway lighting improves safety at night by making drivers aware of the surroundings, which improves drivers' perception-reaction times, and enhances drivers' sight distance. Installing edgeline rumble strips and curve advance warning flashing beacons will alert drivers that they are drifting out of their travel lane.	\$ 1,316,520	\$ 146,280	\$ 1,316,520	\$ 146,280	\$ -	\$ -
PW		Federal Highway Administration (FHWA)	California Department of Transportation	Highway Safety Improvement Program	Vasco Road Safety Improvements: This project proposes to install safety improvements along Vasco Road between Walnut Boulevard and Camino Diablo in unincorporated Brentwood. These improvements include constructing a 0.75-mile-long no-passing zone with median striping, centerline rumble strip, and delineators along the Vasco Road median. Within a 5-year span, two collisions that resulted in fatalities and two collisions that caused severe and minor injuries took place along the 0.75-mile-long roadway segment where passing is currently allowed. Installing the improvements will eliminate the collisions caused by unsafe passing maneuvers. The project also proposes installing signal hardware upgrades at the intersections of Vasco Road with Walnut Boulevard and Camino Diablo. Twenty-eight collisions occurred within the 5-year span at these two intersections due to failures to stop on red. Installing the signal hardware upgrades will increase the traffic signals' visibility and consequently reduce the number of collisions.	\$ 715,050	\$ 79,450	\$ 715,050	\$ 79,450	\$ -	\$ -
PW		Federal Highway Administration (FHWA)	California Department of Transportation	Highway Safety Improvement Program	Deer Valley Road Traffic Safety Improvements: This project proposes to install safety improvements along several of the horizontal roadway curves of Deer Valley Road where severe collisions have occurred. Improvements such as curve advance warning signs and widening shoulders are being considered. The goal of this project is to improve driver awareness at these curves to prevent lane departures and prevent cars from running off the road.	\$ 1,125,810	\$ 125,090	\$ 1,125,810	\$ 125,090	\$ -	\$ -
1/2 PW		Federal Highway Administration (FHWA)	California Department of Transportation	Transportation Alternatives/Active Transportation Program	San Pablo Avenue Complete Street/Bay Point Trail Gap Closure: This project proposes to implement a road diet and construct a Class I shared use path along the San Francisco Bay Trail.	\$ 10,517,000	\$ 1,200,000	\$ 10,517,000	\$ 1,200,000	\$ -	\$ -

