2023 Grade Crossing Improvements Project

JPB Board of Directors Meeting

August 3, 2023





Project Goals

- Improve **safety** for motorists, pedestrians, and trains at:
 - Churchill Avenue grade crossing in Palo Alto
 - 4th Avenue and 5th Avenue grade crossings in San Mateo



Project Significance Churchill Ave, City of Palo Alto

In coordination with the City of Palo Alto, JPB will improve safety at the Churchill Ave grade crossing

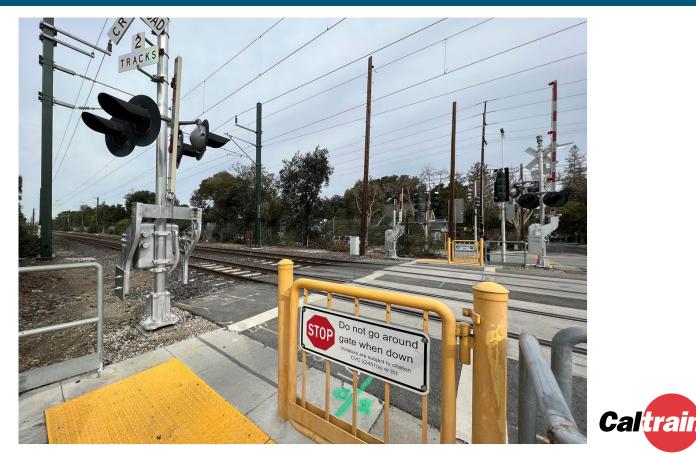
Benefits to the public include:

- Improved **signal pre-emption** at the intersection
- Widened **pedestrian crossing** area at the railroad tracks to handle the large volume of pedestrians generated by the adjacent school
- Pavement markings that better support movements of pedestrians and bicyclists



Scope of Work Churchill Ave, City of Palo Alto

- Widening northern pedestrian crosswalk by installing track panels and concrete ties
- Installation of new guard rails, crossing gate arms, pedestrian sidewalk gates to maintain channelizing through the widened crosswalk
- Installation of pavement markings and signage to clearly identify railroad crossing



Project Significance 4th and 5th Ave, City of San Mateo

In coordination with the City of San Mateo,

JPB will improve safety at the 4th and 5th Avenue grade crossings

Benefits to the public include:

- Installation of four-quadrant to **deter motorists** from driving around a down crossing gate arm
- Installation of pavement markings and markers to clearly identify the railroad crossing "keep clear zone"



Scope of Work 4th and 5th Ave, City of San Mateo

- Relocation of the **pedestrian crosswalk** by installing track panels and concrete ties
- Installation of **new guard rails**, **crossing gate arms**, **pedestrian sidewalk gates** to maintain the pedestrian channelization through the crossing
- Installation of four-quadrant gates to prevent drivers from driving around a down gate
- Installation of pavement markings and signage to clearly identify railroad crossing



Bid Prices

Company	Total Bid Price	Variance from Engineer's Estimate	
Engineer's Estimate	\$1,448,863		
Stacy And Witbeck, Inc., Alameda, CA	\$1,157,000	\$291,863, – 25%	
Railworks Track System, LLC, Stockton, CA	\$2,346,400	\$897,537, + 62%	



Lowest Responsive and Responsible Bidder

- Staff and legal counsel determined Stacy and Witbeck to be the **lowest responsive** and responsible bidder
- Stacy and Witbeck committed Disadvantaged Business Enterprise (DBE) utilization of 14.89.% exceeds the JPB contract-specific goal of 14%
- Staff contacted Stacy and Witbeck references and confirmed its experience and competency
- Staff concludes that Stacy and Witbeck is **appropriately qualified and capable** of meeting the requirements of the contract



Overall Project Schedule

Dates	Activity
August 2023	Board Approval of Contract
September 2024	Limited Notice to Proceed
September 2024	Substantial Completion
January 2025	Project Closeout



Project Budget

Funds		Amount
CALTRANS Section 130 (Palo Alto – Churchill Ave)		\$2,520,000
CALTRANS Section 130 (San Mateo – 4 th & 5 th Ave)		\$5,471,550
	Totals	\$7,991,550



Staff Recommendations

- Award a contract to the lowest, responsive and responsible bidder, Stacy and Witbeck, Inc. of Alameda, California, for the 2023 Grade Crossing Improvements Project for a total amount of \$1,157,000
- 2. Authorize the Executive Director or designee to execute a contract with Stacy and Witbeck, Inc. in full conformity with the terms and conditions set forth in the solicitation documents, and in a form approved by legal counsel



Questions





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