

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

1. **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



FOR MORE INFORMATION

WWW.CALTRAIN.COM

