

39. Accept the improvements and final cost of \$330,669.34 for the Crosswalk Upgrade Project, Federal Project Number HSIPL5936(139), and take related actions ()



## **County of Santa Cruz Board of Supervisors**

### **Agenda Item Submittal**

**From:** Community Development and Infrastructure

**Subject:** Notice of Completion

**Meeting Date:** March 11, 2025

**Formal Title:** Accept the improvements and final cost of \$330,669.34 for the Crosswalk Upgrade Project, Federal Project Number HSIPL5936(139), and take related actions

### **Recommended Actions**

1. Accept the improvements and approve the final cost of \$330,669.34 for Contract No. 23D0796, Crosswalk Upgrade project, Federal Project Number HSIPL-5936(139);
2. Authorize Community Development and Infrastructure to file the Notice of Completion; and
3. Request Community Development and Infrastructure to return the original Notice of Completion to the Clerk of the Board.

### **Executive Summary**

The improvements for the Crosswalk Upgrade project, Federal Project Number HSIPL-5936(139), were completed on April 12, 2024. This Notice of Completion is to accept the improvements and approve the final cost of \$330,669.34.

### **Discussion**

On March 28, 2023, the Board awarded the Crosswalk Upgrade project, Federal Project Number HSIPL-5936(139), to the low bidder, FBD Vanguard Construction, Inc., of Livermore, California, in the amount of \$374,388.

The project provided for upgrade of four existing crosswalks at Graham Hill Road, 7th Avenue, Soquel Drive, and Green Valley Road to current Caltrans and CA Manual on Uniform Traffic Control Devices (CA MUTCD) standards. Construction included installation of a Rapid Flashing Beacon System (RRFB), curb ramps, thermoplastic crosswalk striping and signage. Contract Change Order Number 1 reduced and deleted some of the contract items to reflect actual construction conditions, bringing the total contract amount to \$330,669.34. Due to these quantity adjustments the final construction cost is less than the total awarded contract amount by \$43,718.66.

Accepting the completed improvements and approving the final cost of construction will allow the recordation of the project and release all withheld retention.

### **Financial Impact**

The original bid price was \$374,388 while the final construction cost is \$330,669.34 for the Crosswalk Upgrade project, Contract No. 23D0796.

The total direct cost for Contract No. 23D0796 associated with this board item is \$330,669.34. A Highway Safety Improvement Program (HSIPL) Grant will fund 100 percent of these contract costs. The project is accounted for in the County Road Fund (GL Key 621100/62330). A summary of final construction costs is attached.

**Strategic Initiatives**

Operational Plan - Reliable Transportation

**Submitted By:**

Matt Machado, Deputy CAO / Director of Community Development and Infrastructure

**Recommended By:**

Carlos J. Palacios, County Administrative Officer

**Artificial Intelligence Acknowledgment:**

Artificial Intelligence (AI) did not significantly contribute to the development of this agenda item.

COUNTY OF SANTA CRUZ  
DEPARTMENT OF PUBLIC WORKS  
STATE OF CALIFORNIA

**SUMMARY OF FINAL COST FOR  
CROSSWALK UPGRADE PROJECT**

Contract No. 23DO796 Job No. P40636  
Contractor: FBD VANGUARD CONSTRUCTION, INC.

Item No.	Item Description	Unit	Original Quantity	Measured Quantity	Quantity Difference	Unit Price	Final Cost	Cost Difference
1	Location #1 - Graham Hill Road	0	0.0	0.000	0.000	\$0.00	\$ -	\$ -
2	Traffic Control Systems	LS	1.0	1.000	0.000	\$44,521.00	\$ 44,521.00	\$ -
3	Clearing and Grubbing	LS	1.0	1.000	0.000	\$500.00	\$ 500.00	\$ -
4	Roadway Excavation	CY	8.8	8.800	0.000	\$2,500.00	\$ 22,000.00	\$ -
5	Edging	LF	20.0	20.000	0.000	\$4.00	\$ 80.00	\$ -
6	Class 2 Aggregate Base	CY	5.3	5.300	0.000	\$48.00	\$ 254.40	\$ -
7	Hot Mix Asphalt (Type A)	TON	4.2	4.200	0.000	\$2,600.00	\$ 10,920.00	\$ -
8	Place Hot Mix Asphalt Concrete Dike (Type	LF	6.0	0.000	6.000	\$100.00	\$ -	\$ 600.00
9	Cold Plane Asphalt Concrete Pavement	SQYD	16.7	16.700	0.000	\$50.00	\$ 835.00	\$ -
10	Remove Asphalt Concrete Pavement (SQF	SQFT	21.0	10.500	10.500	\$5.00	\$ 52.50	\$ 52.50
11	Curb (Type A2-6)	LF	19.0	19.000	0.000	\$45.00	\$ 855.00	\$ -
12	Curb Ramp	EA	2.0	2.000	0.000	\$6,750.00	\$ 13,500.00	\$ -
13	Remove Sign	EA	4.0	4.000	0.000	\$278.00	\$ 1,112.00	\$ -
14	Roadside Sign - One Post	EA	4.0	4.000	0.000	\$723.00	\$ 2,892.00	\$ -
15	Thermoplastic Crosswalk and Pavement Ma	SQFT	252.0	250.000	2.000	\$11.00	\$ 2,750.00	\$ 22.00
16	Remove Thermoplastic Pavement Marking	SQFT	97.0	97.000	0.000	\$22.00	\$ 2,134.00	\$ -
17	Rapid Flashing Beacon System	LS	1.0	1.000	0.000	\$42,000.00	\$ 42,000.00	\$ -
18	Location #2 - 7TH Avenue	0	0.0	0.000	0.000	\$0.00	\$ -	\$ -
19	Traffic Control System	LS	1.0	1.000	0.000	\$800.00	\$ 800.00	\$ -
20	Detectable Warning Surface	EA	4.0	0.000	4.000	\$1,650.00	\$ -	\$ 6,600.00
21	Remove Sign	EA	2.0	2.000	0.000	\$278.00	\$ 556.00	\$ -
22	Roadside Sign - One Post	EA	2.0	2.000	0.000	\$723.00	\$ 1,446.00	\$ -
23	Thermoplastic Crosswalk and Pavement Ma	SQFT	12.8	0.000	12.800	\$111.00	\$ -	\$ 1,420.80
24	Rapid Flashing Beacon System	LS	1.0	1.000	0.000	\$22,800.00	\$ 22,800.00	\$ -
25	Remove Exist Rapid Flashing Beacon Syste	LS	1.0	1.000	0.000	\$2,300.00	\$ 2,300.00	\$ -
26	Location # 3 - Soquel Drive	0	0.0	0.000	0.000	\$0.00	\$ -	\$ -
27	Traffic Control System	LS	1.0	1.000	0.000	\$800.00	\$ 800.00	\$ -
28	Roadway Excavation	CY	3.5	3.500	0.000	\$6,000.00	\$ 21,000.00	\$ -
29	Class 2 Aggregate Base	CY	2.6	2.600	0.000	\$150.00	\$ 390.00	\$ -
30	Hot Mix Asphalt (Type A)	TON	1.7	1.700	0.000	\$3,600.00	\$ 6,120.00	\$ -
31	Curb Ramp	EA	2.0	2.000	0.000	\$8,600.00	\$ 17,200.00	\$ -
32	Remove Concrete (Curb, Gutter and Sidew	LF	45.9	45.900	0.000	\$20.00	\$ 918.00	\$ -
33	Remove Sign	EA	4.0	4.000	0.000	\$278.00	\$ 1,112.00	\$ -
34	Roadside Sign - One Post	EA	2.0	2.000	0.000	\$723.00	\$ 1,446.00	\$ -
35	Thermoplastic Crosswalk and Pavement Ma	SQFT	176.0	176.000	0.000	\$11.00	\$ 1,936.00	\$ -
39	Rapid Flashing Beacon System	LS	1.0	1.000	0.000	\$36,700.00	\$ 36,700.00	\$ -
40	Location #4 - Green Valley Road	0	0.0	0.000	0.000	\$0.00	\$ -	\$ -
41	Lead Compliance Plan	LS	1.0	0.000	1.000	\$2,000.00	\$ -	\$ 2,000.00
42	Traffic Control System	LS	1.0	1.000	0.000	\$800.00	\$ 800.00	\$ -
43	Remove Yellow Thermoplastic Pavement	SQFT	307.1	0.000	307.100	\$28.00	\$ -	\$ 8,598.80
44	Clearing and Grubbing	LS	1.0	1.000	0.000	\$500.00	\$ 500.00	\$ -
45	Roadway Excavation	CY	5.3	0.000	5.300	\$4,000.00	\$ -	\$ 21,200.00
46	Imported Borrow (CY)	CY	0.5	0.000	0.500	\$150.00	\$ -	\$ 75.00
47	Class 2 Aggregate Base	CY	8.6	0.000	8.600	\$60.00	\$ -	\$ 516.00
48	Hot Mix Asphalt (Type A)	TON	4.4	0.000	4.400	\$2,100.00	\$ -	\$ 9,240.00
49	Curb Ramp	EA	2.0	0.000	2.000	\$6,600.00	\$ -	\$ 13,200.00
50	Adjust Water Valve Frame and Cover to Gr	EA	1.0	0.000	1.000	\$440.00	\$ -	\$ 440.00
51	Match Exist Fence (Type Wood)	LF	22.0	7.000	15.000	\$250.00	\$ 1,750.00	\$ 3,750.00
52	Remove Fence	LF	22.0	7.000	15.000	\$4.00	\$ 28.00	\$ 60.00
53	Remove Sign	EA	4.0	4.000	0.000	\$278.00	\$ 1,112.00	\$ -
54	Roadside Sign - One Post	EA	4.0	4.000	0.000	\$723.00	\$ 2,892.00	\$ -
55	Thermoplastic Crosswalk and Pavement Ma	SQFT	600.0	0.000	600.000	\$10.00	\$ -	\$ 6,000.00
56	Rapid Flashing Beacon System	LS	1.0	1.000	0.000	\$29,300.00	\$ 29,300.00	\$ -
57	Contract Deduct-Repair sprinkler pipe and install sign post @ location 3 by County crews.	LS	0.0	0.000	0.000	\$0.00	\$ (771.87)	\$ 771.87
CCO	CCO Description	Unit						
1	CCO#1- Extra Work-EWO's 1 thru 8 and AC Overun @ location #1	LS	1.0	1		\$30,828.31	\$ 30,828.31	-\$30,828.31
							\$ -	
<b>TOTAL</b>							\$ 330,669.34	\$ 43,718.66

SUMMARY	
ORIGINAL BID	\$ 374,388.00
CHANGES	\$ 43,718.66
FINAL COST	\$ 330,669.34

RECORDED AT THE REQUEST OF:  
DEPARTMENT OF COMMUNITY  
DEVELOPMENT & INFRASTRUCTURE

WHEN RECORDED MAIL TO:  
COUNTY OF SANTA CRUZ  
CLERK OF THE BOARD  
701 OCEAN STREET, ROOM 520

Free or Complimentary Recording  
Per Government Code 27383

**NOTICE OF COMPLETION**

NOTICE IS HEREBY GIVEN that the County of Santa Cruz, owner of the property hereinafter described, whose address is 701 Ocean Street, Santa Cruz, California, has caused a work of improvement more particularly described as follows:

CROSSWALK UPGRADE PROJECT  
CONTRACT NO. 23D0796, DPW JOB NO. P40636

To be constructed on property more particularly described as follows:

Various Intersection/Crosswalks around Santa Cruz County; Graham Hill Road, 7th Avenue, Soquel Drive and Green Valley Road.

The work of improvement was completed by FBD Vanguard Construction, Inc. Whose address is 550 Greenville Road, Livermore, CA 94550.

The work of improvement was completed on the 12th day of April, 2024 and accepted by the Board of Supervisors of said County on the 11th day of March, 2025.

DATED: March 11, 2025

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Matt Machado  
Deputy CAO, Director of Community  
Development & Infrastructure  
County of Santa Cruz

The undersigned states: That he is the Director of Community Development & Infrastructure of the County of Santa Cruz, owner of the property referred to in this Notice of Completion; that the Board of Supervisors of said County on the 11th day of March, 2025, accepted said work of improvement and directed the filing of the Notice of Completion; that he has read the Notice of Completion and knows the contents thereof; and that the facts stated therein are true.

I declare under penalty of perjury that the foregoing is true and correct.

Executed by me this 11th day of March, 2025, at Santa Cruz, California.

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Matt Machado  
Deputy CAO, Director of Community  
Development & Infrastructure  
County of Santa Cruz