



**CITY OF HAYWARD**  
**AGENDA REPORT**

AGENDA DATE 12/12/00  
AGENDA ITEM \_\_\_\_\_  
WORK SESSION ITEM \_\_\_\_\_

**TO:** Mayor and City Council  
**FROM:** Director of Public Works  
**SUBJECT:** Clawiter Road/Breakwater Court Traffic Signal: Approval of Addendum No. 1 and Award of Contract

**RECOMMENDATION:**

It is recommended that the City Council approve the attached resolution that approves Addendum No. 1, which makes minor changes to the specifications, and awards the contract to St. Francis Electric in the amount of \$321,950.

**BACKGROUND:**

The project will install a new traffic signal at the intersection of Clawiter Road, Breakwater Court, and the Route 92 freeway off-ramp. The Clawiter/Breakwater intersection ranked number one on the City's 1999 Traffic Signal Priority List. Because of the existing high traffic volumes, this project will improve the traffic flow through the intersection.

Pavement repair for traffic-loop installation on Clawiter and Breakwater is required for the signal loop installation. The pavement repair was expanded to include other severely deteriorating areas on Clawiter between Breakwater and Eden Landing Road. Funding for the expanded pavement rehabilitation is included in the 2000/01 Pavement Rehabilitation project in the Measure B Tax Fund.

Because the intersection includes the Route 92 on and off ramps, the traffic signal costs of the project are being shared 50/50 between Hayward and Caltrans. Caltrans will maintain the signal under the current City/State maintenance agreement.

On September 5, 2000, Council approved the plans and specifications, acknowledged that the project is categorically exempt from the CEQA process, and called for bids to be received on October 3, 2000. The bid opening date was extended to November 21, 2000, to allow for approval from Caltrans.

On November 21, 2000, four bids were received. St. Francis Electric of Hayward submitted the low bid in the amount of \$321,950, which is 6.7 percent above the Engineer's Estimate of \$301,565. Richard A. Heaps of Sacramento submitted the second lowest bid in the amount of \$333,832, which is 10.7 percent above the Engineer's Estimate and \$11,822 more than the low bid. Bids ranged from \$321,950 to \$343,840. As the low bid was only slightly higher than

the Engineer's Estimate and the other bids were close together, staff is recommending award of the contract.

Staff has established a combined goal of 10 percent for Disadvantaged Business Enterprise (DBE) and Women-Owned Business Enterprise (WBE) participation for this project. St. Francis Electric has listed DBE/WBE participation of 40 percent, which meets the established goal.

**PROJECT COSTS:**

The estimated project costs are as follows:

Construction Cost	\$ 321,950
Consultant Design and Construction Support	33,000
Design and Administration	14,050
Inspection, Survey, and Testing	19,000
Total Project Costs	<u>\$388,000</u>

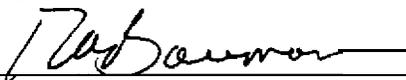
**FUNDING:**

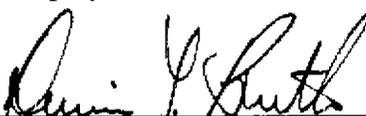
A total of \$260,000 is approved for this project in the Transportation Improvement Fund and \$128,000 is approved for the pavement repair in the Measure B Tax Fund in the 2000/01 Capital Improvement Program budget. Fifty percent of the signal costs will be reimbursed from Caltrans to cover their share. They will also be providing the traffic signal controller as part of their contribution.

**SCHEDULE:**

Award	November 21, 2000
Begin Construction	March 16, 2001
End Construction	June 26, 2001

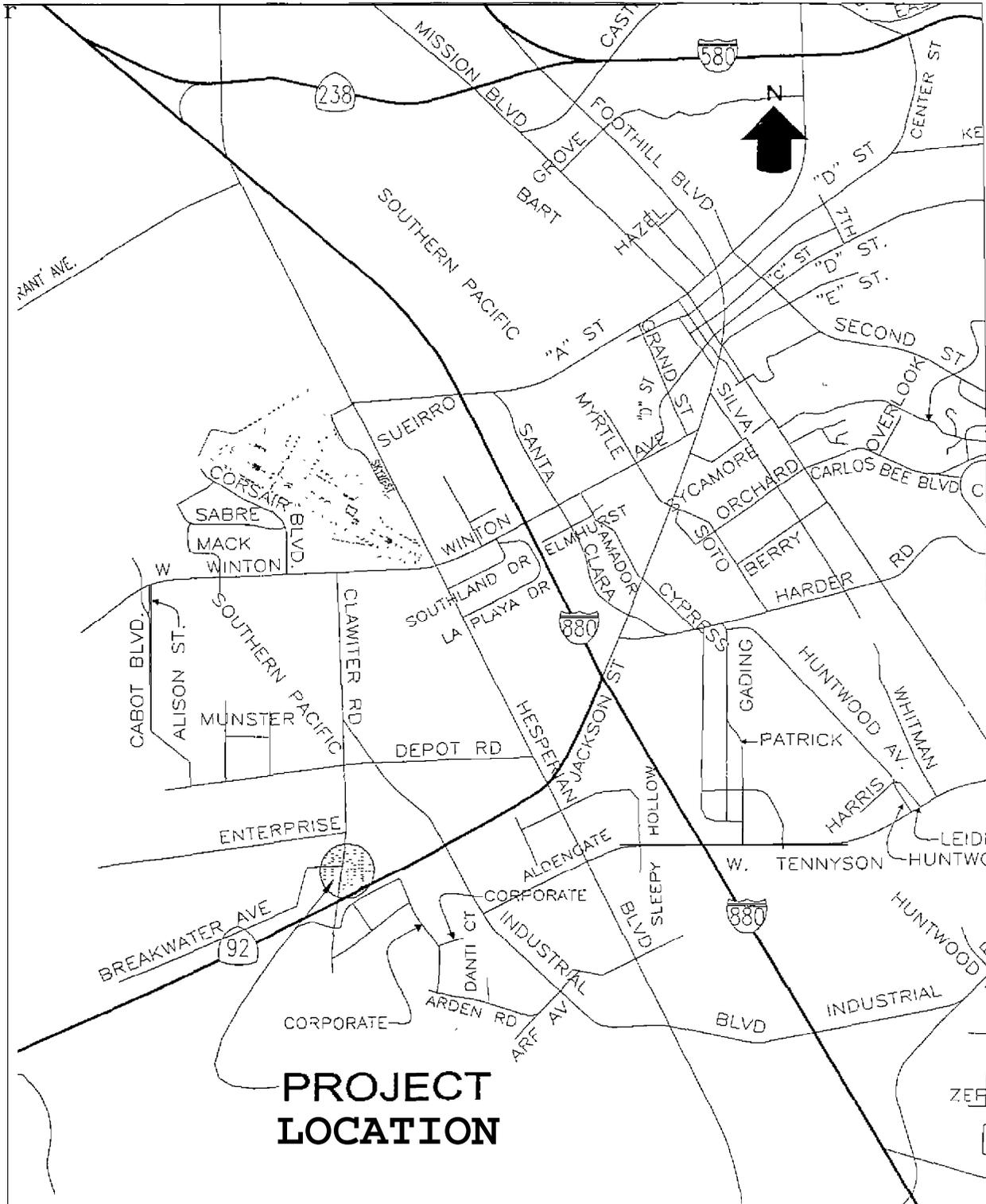
Prepared by :

  
\_\_\_\_\_  
Robert A. Bauman, Deputy Director of Public Works

Recommended by:   
\_\_\_\_\_  
Dennis L. Butler, Director of Public Works

Approved by:  
  
\_\_\_\_\_  
Jesús Armas, City Manager

Attachments: Exhibit A: Location Map  
Exhibit B: Summary of Bids



**PROJECT  
LOCATION**

**LOCATIONMAP**  
**TRAFFIC SIGNAL INSTALLATION**  
**AT CLAWITER RD. AND BREAKWATER AVE.**  
**PROJECT NO. 5707**

CITY OF HAYWARD  
 CLAWITER ROAD AND BREAKWATER AVENUE SIGNAL AND INTERCONNECT  
 PROJECT NO. 5707  
 BIDS OPENED: NOVEMBER 21, 2000

(NUMBER OF BIDS RECEIVED - 4)

Exhibit B

BID SUMMARY				ENGINEER'S ESTIMATE		ST. FRANCIS ELECTRIC 23294 CONNECTICUT ST. HAYWARD CA 94545 (510) 887-2888		RICHARD A HEAPS 8909 FLORIN ROAD SACRAMENTO CA 95829 (916) 386-8857	
TEM	QUANTITY	UNIT	DESCRIPTION	UNIT PRICE	TOTAL	UNIT PRICE	TOTAL	UNIT PRICE	TOTAL
1	1	LS	TRAFFIC CONTROL	8,000.00	8,000.00	10,000.00	10,000.00	16,870.00	16,870.00
2	3	SF	REMOVE TREES	500.00	1,500.00	750.00	2,250.00	1,000.00	3,000.00
3	17,150	EA	PAVEMENT FAILURE REPAIR	6.25	107,187.50	6.20	106,330.00	6.20	106,330.00
4	3	EA	HANDICAP RAMPS	800.00	2,400.00	1,650.00	4,950.00	1,650.00	4,950.00
5	800	SF	SIDEWALK	10.00	8,000.00	7.50	6,000.00	7.50	6,000.00
6	1	LS	SIDEWALK FOOTING	4,000.00	4,000.00	500.00	500.00	500.00	500.00
7	10	LF	REMOVE AND REPLACE CURB	15.00	150.00	40.00	400.00	40.00	400.00
8	1	LS	SIGNAL AND LIGHTING INSTALLATION	100,000.00	100,000.00	126,000.00	126,000.00	123,747.00	123,747.00
9	1	LS	STRIPING AND PAVEMENT MARKING	8,500.00	8,500.00	7,750.00	7,750.00	7,000.00	7,000.00
10	1	EA	PULL BOX WITH TRAFFIC BEARING LID	350.00	350.00	1,000.00	1,000.00	575.00	575.00
11	13	EA	ROADSIDE SIGN	250.00	3,250.00	215.00	2,795.00	215.00	2,795.00
12	5	EA	REMOVE AND SALVAGE ROADSIDE SIGN	150.00	750.00	75.00	375.00	75.00	375.00
13	2	EA	RELOCATE ROADSIDE SIGN	150.00	300.00	175.00	350.00	175.00	350.00
14	1,600	LF	INTERCONNECT CONDUIT	14.00	22,400.00	16.00	25,600.00	19.40	31,040.00
15	120	LF	INSTALL CONDUIT BY JACK AND BORE	50.00	6,000.00	25.00	3,000.00	30.00	3,600.00
16	1,650	LF	SIGNAL INTERCONNECT CABLE	3.50	5,775.00	1.00	1,650.00	2.00	3,300.00
17	1	LS	ADMINISTRATIVE CHANGE ORDERS	23,000.00	23,000.00	23,000.00	23,000.00	23,000.00	23,000.00
			<b>TOTAL</b>		<b>301,562.50</b>		<b>321,950.00</b>		<b>333,832.00</b>

CITY OF HAYWARD  
 CLAWITER ROAD AND BREAKWATER AVENUE SIGNAL AND INTERCONNECT  
 PROJECT NO. 5707  
 BIDS OPENED: NOVEMBER 21, 2000

(NUMBER OF BIDS RECEIVED - 4)

<b>BID SUMMARY</b>				<b>ENGINEER'S ESTIMATE</b>		<b>REDGWICK CONST. COMP.</b> 25599 HUNTWOOD AVE. HAYWARD CA 94544 (510) 782-0400		<b>STEINY &amp; COMPANY, INC.</b> 27 SHERIDAN STREET VALLEJO CA 94590 (707) 552-6900	
TEM	QUANTITY	UNIT	DESCRIPTION	UNIT PRICE	TOTAL	UNIT PRICE	TOTAL	UNIT PRICE	TOTAL
1	1	LS	TRAFFIC CONTROL	8,000.00	8,000.00	29,000.00	29,000.00	6,000.00	6,000.00
2	3	SF	REMOVE TREES	500.00	1,500.00	950.00	2,850.00	2,000.00	6,000.00
3	17,150	EA	PAVEMENT FAILURE REPAIR	6.25	107,187.50	5.85	100,327.50	6.20	106,330.00
4	3	EA	HANDICAP RAMPS	800.00	2,400.00	2,000.00	6,000.00	1,650.00	4,950.00
5	800	SF	SIDEWALK	10.00	8,000.00	10.50	8,400.00	7.50	6,000.00
6	1	LS	SIDEWALK FOOTING	4,000.00	4,000.00	770.00	770.00	500.00	500.00
7	10	LF	REMOVE AND REPLACE CURB	15.00	150.00	48.00	480.00	40.00	400.00
8	1	LS	SIGNAL AND LIGHTING INSTALLATION	100,000.00	100,000.00	127,000.00	127,000.00	145,340.00	145,340.00
9	1	LS	STRIPING AND PAVEMENT MARKING	8,500.00	8,500.00	8,000.00	8,000.00	8,000.00	8,000.00
10	1	EA	PULL BOX WITH TRAFFIC BEARING LID	350.00	350.00	1,200.00	1,200.00	500.00	500.00
11	13	EA	ROADSIDE SIGN	250.00	3,250.00	225.00	2,925.00	215.00	2,795.00
12	5	EA	REMOVE AND SALVAGE ROADSIDE SIGN	150.00	750.00	100.00	500.00	75.00	375.00
13	2	EA	RELOCATE ROADSIDE SIGN	150.00	300.00	200.00	400.00	175.00	350.00
14	1,600	LF	INTERCONNECT CONDUIT	14.00	22,400.00	16.00	25,600.00	15.00	24,000.00
15	120	LF	INSTALL CONDUIT BY JACK AND BORE	50.00	6,000.00	25.00	3,000.00	50.00	6,000.00
16	1,650	LF	SIGNAL INTERCONNECT CABLE	3.50	5,775.00	1.00	1,650.00	2.00	3,300.00
17	1	LS	ADMINISTRATIVE CHANGE ORDERS	23,000.00	23,000.00	23,000.00	23,000.00	23,000.00	23,000.00
			TOTAL		<b>301,562.50</b>		341,102.50		343,840.00

# DRAFT

HAYWARD CITY COUNCIL

RESOLUTION NO. \_\_\_\_\_

Introduced by Council Member \_\_\_\_\_

RESOLUTION APPROVING ADDENDUM NO. 1 FOR  
INSTALLATION OF THE CLAWITER ROAD AND  
BREAKWATER AVENUE TRAFFIC SIGNAL PROJECT,  
PROJECT NO. 5707, AND AWARD CONTRACT TO ST.  
FRANCIS ELECTRIC.

WHEREAS, Addendum No. 1 was issued to provide minor changes to the specifications; and

WHEREAS, on September 5, 2000, the City Council approved the plans and specifications for installation of the Clawiter Road and Breakwater Avenue Traffic Signal Project, Project No. 5707, and called for bids to be received on October 3, 2000, and the bid opening date was then extended to November 21, 2000, to allow for approval from Caltrans; and

WHEREAS, on November 21, 2000, four bids were received ranging from \$321,950 to \$343,840, and St. Francis Electric of Hayward submitted the low bid in the amount of \$321,950, which is 6.7 percent higher than the Engineer's Estimate of \$301,565.

NOW, THEREFORE, BE IT RESOLVED by the City Council of the City of Hayward that Addendum No. 1 is hereby approved and adopted as part of the plans and specifications for the project.

BE IT FURTHER RESOLVED that St. Francis Electric is hereby awarded the contract for installation of the Clawiter Road and Breakwater Avenue Traffic Signal Project, Project No. 5707, in accordance with the plans and specifications adopted therefor and on file in the office of the City Clerk of the City of Hayward at and for \$321,950, the price named and stated in the bid of the hereinabove specified bidder, and all other bids are hereby rejected.

BE IT FURTHER RESOLVED that the City Manager is hereby authorized and directed to execute an agreement with St. Francis Electric for the award of the contract on behalf of the City of Hayward, in an amount not to exceed \$321,950 for installation of the Clawiter Road and Breakwater Avenue Traffic Signal Project, Project No. 5707, in a form to be approved by the City Attorney.

IN COUNCIL, HAYWARD, CALIFORNIA \_\_\_\_\_, 2000

ADOPTED BY THE FOLLOWING VOTE:

AYES:

NOES:

ABSTAIN:

ABSENT:

ATTEST: \_\_\_\_\_  
City Clerk of the City of Hayward

APPROVED AS TO FORM:

\_\_\_\_\_  
City Attorney of the City of Hayward