

# DEPARTMENT of PUBLIC WORKS

County of Lassen



LARRY MILLAR, Director  
Public Works/Road/Transportation  
County Engineer

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B-1  
2019/48

February 19, 2019

TO: Board of Supervisors  
FROM: Larry Millar, Director  
SUBJECT: Vehicle Speed Feedback Signs

RECOMMENDATION: That the Board of Supervisors 1) Receive report 2) Provide direction to staff.

DISCUSSION: The Lassen County Transportation Commission (LCTC) at their November 14, 2018 meeting directed LCTC staff to work with the County regarding the possibility of assuming the responsibility for the on-going maintenance and operation of the existing vehicle speed feedback signs (VSF signs) which are located within the unincorporated areas of the County. These signs are currently located at Richmond Elementary School, Janesville Elementary School, Shaffer Elementary School, Fletcher Walker Elementary School, and Westwood High School.

The LCTC at their January 14, 2019 meeting directed LCTC staff to work with the Lassen County Public Works Department to present a status report to the Board of Supervisors with one option being that the county assume the responsibility for on-going maintenance and operation of the existing VSF signs located in the unincorporated areas of the County.

These VSF signs were installed in 2005 as a joint effort between the LCTC and the individual school districts at a cost of approximately \$8,000 per sign. The LCTC, followed by the Board of Supervisors, directed the County Public Works Department to purchase and install a total of eleven (11) VSF signs (5 signs on County Roads for the Westwood Schools, 2 signs on Richmond Road (CR 203) for Richmond School, 2 signs on Janesville Main Street (CR235) for Janesville School, and 2 signs on State Route 395 for Shaffer School. These signs were paid for with funding from each of the school districts, LMUD (Public Benefit Community Projects program - 50% of the total project cost) and from the LCTC (Street and Road Funding).

LCTC staff has contacted all of the affected school districts and they all would like to have the signs repaired and remain in place, however they do not have any funding to put towards the repair and ongoing maintenance of the signs. They would however be willing to participate in some way in the effort to provide ongoing maintenance.

LCTC staff contracted with Titan Electrical, Reno, Nevada to investigate the condition of the VSF signs and to provide an estimate of what it would take to bring them up to proper operating condition. The estimated cost for upgrading the 9 VSF signs which are currently installed would be \$9,800.00. See attached. It should be noted that 1 of these 9 VSF signs is currently installed for the Fletcher Walker Elementary School in Westwood which has been closed so this sign could be removed and utilized in another location, thus providing some savings.

In addition, Caltrans has notified the County and the LCTC that the non-operational VSF signs which are installed on State Route 395 at the Shaffer Elementary School site either must be repaired to good operating condition or be removed. Caltrans had issued the County, in support of the LCTC, an encroachment permit to install these two VSF signs within the States right-of-way.

The VSF signs for the other locations are all located within County right-of-way.


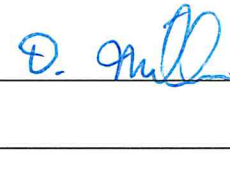
For clarification, the VSF signs and flashing lights which were installed on State Route 395 for the Johnstonville Elementary School were installed separately utilizing State Route to School Funds as part of a larger State project, and were not part of the original agreement between the LCTC and Lassen County. These improvements belong to the State and are not being maintained by Lassen County.

ALTERNATIVES: To be determined

FINANCIAL IMPACT: To be determined

OTHER AGENCY INVOLVEMENT: None

DEPARTMENTAL APPROVAL:

REVIEWED FOR AGENDA:



## Lassen Vehicle Feedback Sign Repairs

Lassen County, California

Bid Prepared for

**Contractor: MCB & Associates**

**Address:** 1631 Alhambra Boulevard, Suite 100  
Sacramento, CA 95816

**Phone No:** (916) 594-7077

**E-Mail:** [matt@mcbandassociates.com](mailto:matt@mcbandassociates.com)

**Contact: Matt Boyer**

**Date:** 6/8/2018

### **Project Scope**

Provide the Following Electrical Materials and Labor to Make Site Specific Make Repairs:

**Richmond Elementary Eastbound:** Clean solar panel and cabinet, replace battery, replace solar controller. Flasher is not working.

**Richmond Elementary Westbound:** Clean solar panel and cabinet & replace battery, re-align/aim solar panel. Flashers are not working.

**Fletcher Walker Elementary Southbound:** Clean solar panel and cabinet, replace battery, replace solar controller.

**Westwood High School Eastbound:** Clean solar panel and cabinet, replace battery, replace battery mount inside cabinet. Static sign is damaged.

**Westwood High School Westbound:** Clean solar panel and cabinet, replace battery, fuse, and solar controller.

**Schaffer Elementary School Westbound:** Clean solar panel and cabinet & replace battery.

**Schaffer Elementary School Eastbound:** Based on evaluation, it is believed the entire system need to be replaced.

**Janesville Elementary Northbound:** Clean solar panel and cabinet & replace battery. Suggest landscaping to un-obstruct solar panel.

**Janesville Elementary Southbound:** Clean solar panel and cabinet, replace battery, replace solar controller. Suggest landscaping to un-obstruct solar panel.

### **Exclusions**

- 1 Flasher replacement or repair; direct bury investigation to identify power issues.
- 2 Landscaping or cutting back or landscaping to provide clear view for solar panels.
- 3 Surveying, traffic control



**Bid Pricing**

Bid Item #	Pay Item Number	Bid Item Description	Bid Quantity	Unit	Bid Amount
0	0	Mobilization	1	LS	\$ 400.00
0	0	Richmond Elementary Eastbound VSFS	1	LS	\$ 610.00
0	0	Richmond Elementary Westbound VSFS	1	LS	\$ 450.00
0	0	Fletcher Walker Elementary Southbound VSFS	1	LS	\$ 630.00
0	0	Westwood High School Eastbound VSFS	1	LS	\$ 450.00
0	0	Westwood High School Westbound VSFS	1	LS	\$ 650.00
0	0	Schaeffer Elementary School Westbound VSFS	1	LS	\$ 390.00
0	0	Schaeffer Elementary School Eastbound VSFS	1	LS	\$ 5,200.00
0	0	Janesville Elementary Northbound VSFS	1	Each	\$ 390.00
0	0	Janesville Elementary Southbound VSFS	1	Each	\$ 630.00
		<b>Total</b>			<b>\$ 9,800.00</b>

Please do not hesitate to call me at 691-3759 with any questions.

Respectfully Submitted

**Titan Electrical Contracting**

Ryan Greenhalgh

Project Manager