



STAFF REPORT

TOWN COUNCIL MEETING OF SEPTEMBER 8, 2015

To: Town Council

From: Town Manager

Subject: 2015 Capital Improvement Project: Authorization To Proceed With Caltrans Change Work Order for Horseshoe Bar Overcrossing Modifications for Metal Art Work and to Approve Resolution 15-__ Awarding Contract to Circle Welding & Colin Greenley Welding for construction and Installation of the Metal Art Work..

Date: August 30, 2015

RECOMMENDATION:

Authorize the Town Manager to execute Contract for the Change Work Order to Modify Horseshoe Bar Road Pedestrian Fencing to accept installation of the Town Community Identification Metal Art Work (\$28,325) and approve Resolution 15-__ awarding Contract to Circle Welding & Colin Greenley Welding for construction and installation of the Metal Art Work (\$31,456.35)..

Issue Statement and Discussion

At the May 14, 2015 Town Council meeting the Town Council approved modifications to the Town's Capital Improvement program. Among the projects included for the 2014-2015 CIP was:

Horseshoe Bar Road Bridge Metal Art Work Project

Work consists of fabricating and installing metal art work on the bridge under a Caltrans

Encroachment Permit

Funding: General Fund

Caltrans has issued the Encroachment Permit for both the Interchange Landscape proposal and the "Community Identification" proposal for the Metal Art Work Project on the Horseshoe Bar Bridge Overcrossing (see attached). On August 14, 2015 Mayor Morillas signed the Caltrans Landscape and Community Identification Maintenance Agreement on behalf of the Town. Permits will be issued shortly by Caltrans for the work.

On August 26, 2015, Town staff received the Change Work Order for the improvements necessary for installation of the metal art work proposed by the Town (see attached). The improvements to the railing and fence total \$28,325.00 (Adjustment of Compensation). Work is scheduled for the pedestrian fence and railing in October, 2015.

Originally Town Staff estimated the total cost of the metal art work project at \$20,000. The proposed Change Work Order will in itself exceed this amount. Staff has received two proposals for the construction and installation of the metal art work. The proposals for

manufacture and installation range from \$31,456.35 (Circle Welding & Colin Greenley Welding) to \$58,126.00 (Michael Riegel).

Assuming the Town Council authorizes the structural modifications (\$28,325) and the manufacture and installation (\$31,456.35), total cost of the project will be \$59,781.35. There are a couple of options with regard to funding the project.

CEQA:

This project is exempt under the California Environmental Quality Act (CEQA) Section 15301. (C &D) (Class 1), "Existing Facilities" of the guidelines.

FINANCIAL AND/OR POLICY IMPLICATIONS:

This project is included in the 2014/2015 fiscal year Capital Improvement Program (CIP). Construction costs were estimated at \$20,000. The adopted Operating Budget includes an allocation of \$60,000 in the Economic Development cost center (see the 2015/16 budget, page 18). These are General Fund revenues from the current operating year. There is a second available source of funds, should the Council chose to use them. Fund 319, Low Income Density (page 38 of the budget), has a portion of the funds restricted to economic development purposes. The current balance in that sub-fund is \$193,146 and, while no other projects are planned for that money, it is likely the "Town Branding" project proposed by the Chamber of Commerce at August's Council meeting will draw on those funds.

TOWN OF LOOMIS

RESOLUTION NO. 15-__

**RESOLUTION OF THE COUNCIL OF THE TOWN OF LOOMIS
AWARDING TO LOW BIDDER, CIRCLE WELDING AND COLIN GREENLEY
WELDING AND AUTHORIZING TOWN MANAGER TO EXECUTE AN AGREEMENT
ACCEPTABLE TO THE TOWN FOR THE 2015 CAPITAL IMPROVEMENT PROGRAM
PROJECT IN THE AMOUNT OF \$31,456.35**

WHEREAS, the Town Council at its May 12, 2015 regular meeting approved the 2015 Capital Improvement Program projects set forth by staff, and

WHEREAS, The 2015 Capital Improvement Program projects included the Horseshoe Bar Road Bridge Metal Artwork Project; and

WHEREAS, bids were received during the past year and evaluated for responsiveness to the request for bids and cost for performing the work; and

WHEREAS, it was determined that, Circle Welding and Colin Greenley Welding submitted the lowest responsive bid at \$31,456.35;

NOW, THEREFORE, IT IS HEREBY RESOLVED that the Town of Loomis accepts the bid of Circle Welding and Colin Greenley Welding, having submitted the lowest responsive bid in the amount of \$31,456.35 and hereby authorizing the Town Manager to execute an agreement acceptable to the Town for design and engineering the 2015 Capital Improvement Program Project "Horseshoe Bar Road Bridge Metal Artwork Project".

PASSED AND ADOPTED by the Council of the Town of Loomis this 8th day of September, 2015 by the following vote:

AYES:
NOES:
ABSENT:
ABSTAINED:

Mayor

ATTEST:

Town Clerk

**LANDSCAPE MAINTENANCE AGREEMENT
WITHIN STATE HIGHWAY RIGHT OF WAY
ON ROUTE 80 WITHIN THE TOWN OF LOOMIS**

THIS AGREEMENT is made effective this 14th day of August, 2015, by and between the State of California, acting by and through the Department of Transportation, hereinafter referred to as "STATE" and the Town of Loomis; hereinafter referred to as "TOWN" and collectively referred to as "PARTIES".

SECTION I

RECITALS

1. PARTIES desire to work together to allocate their respective obligations relative to newly constructed or revised improvements within STATE's right of way by Permit Numbers 0314-NLF0423 and 0314-NID0424.
2. This Agreement addresses TOWN responsibility for the landscaping, planted trees, irrigation systems, litter and weed removal, (collectively the "LANDSCAPING"), placed within State Highway right of way and the community identification, (collectively the "IDENTIFICATION"), placed on the Horseshoe Bar bridge fence on top of the bridge rail (Bridge No 19-0097) on State Route 80, as shown on Exhibit A, attached to and made a part of this Agreement.

NOW THEREFORE, IT IS AGREED AS FOLLOWS:

SECTION II

AGREEMENT

3. In consideration of the mutual covenants and promises herein contained, TOWN and STATE agree as follows:
 - 3.1. PARTIES have agreed to an allocation of maintenance responsibilities that includes, but is not limited to, inspection, providing emergency repair, replacement, and maintenance, (collectively hereinafter "MAINTAIN/MAINTENANCE") of LANDSCAPING and IDENTIFICATION as shown on said Exhibit A.
 - 3.2. When a planned future improvement is constructed and/or a minor revision has been effected with STATE's consent or initiation within the limits of the STATE's right of way herein described which affects PARTIES' Division of Maintenance's responsibility as described herein, PARTIES will agree upon and execute a new dated

and revised Exhibit A which will be made a part hereof and will thereafter supersede the attached original Exhibit A to thereafter become a part of this Agreement. The new exhibit can be executed only upon written consent of the PARTIES hereto acting by and through their authorized representatives. No formal amendment to this Agreement will be required.

4. TOWN agrees, at TOWN expense, to do the following:
 - 4.1. TOWN may install, or contract, authorizing a licensed contractor with appropriate class of license in the State of California, to install and thereafter will MAINTAIN (Section 27 of the Streets and Highways Code) LANDSCAPING and IDENTIFICATION conforming to those plans and specifications (PS&E) pre-approved by STATE.
 - 4.2. TOWN will submit the final form of the PS&E, prepared, stamped and signed by a licensed landscape architect and engineer for LANDSCAPING and IDENTIFICATION respectively, to STATE's District Permit Engineer for review and approval and will obtain and have in place a valid necessary encroachment permit prior to the start of any work within STATE's right of way. All proposed LANDSCAPING and IDENTIFICATION must meet STATE's applicable standards.
 - 4.3. TOWN shall ensure that LANDSCAPED areas and IDENTIFICATION designated on Exhibit A are provided with adequate scheduled routine MAINTENANCE necessary to MAINTAIN a neat and attractive appearance.
 - 4.4. An Encroachment Permit rider may be required for any changes to the scope of work allowed by this Agreement prior to the start of any work within STATE's right of way.
 - 4.5. TOWN and TOWN contractors will be required to obtain an Encroachment Permit prior to the start of any work within STATE's right of way.
 - 4.6. To furnish electricity for irrigation system controls, water, and fertilizer necessary to sustain healthy plant growth during the entire life of this Agreement.
 - 4.7. To replace unhealthy or dead trees when observed or within 30 days when notified in writing by STATE that plant replacement is required.
 - 4.8. To prune trees to control extraneous growth and ensure STATE standard lines of sight to signs and corner sight distances are always maintained for the safety of the public.
 - 4.9. To MAINTAIN, repair and operate the irrigation systems in a manner that prevents water from flooding or spraying onto STATE highway, spraying parked and moving automobiles, spraying pedestrians, or leaving surface water that becomes a hazard to vehicular or pedestrian/bicyclist travel.

- 4.10. To control weeds at a level acceptable to the STATE. Any weed control performed by chemical weed sprays (herbicides) shall comply with all laws, rules, and regulations established by the California Department of Food and Agriculture. All chemical spray operations shall be reported quarterly (Form LA17) to the STATE to: District 3 Maintenance at 703 B Street, Marysville, CA 95901.
 - 4.11. To remove LANDSCAPING and IDENTIFICATION and restore STATE owned areas to a safe and attractive condition acceptable to STATE in the event this Agreement is terminated as set forth herein.
 - 4.12. To inspect LANDSCAPING and IDENTIFICATION on a regular monthly or weekly basis to ensure the safe operation and condition of the LANDSCAPING and IDENTIFICATION.
 - 4.13. To expeditiously MAINTAIN, replace, repair or remove from service any LANDSCAPING and IDENTIFICATION system component that has become unsafe or unsightly.
 - 4.14. To remove IDENTIFICATION, whenever, in the opinion of STATE, that it creates a safety or operational concern. In the event TOWN fails to remove IDENTIFICATION in a timely manner, STATE may remove IDENTIFICATION sixty (60) days following written notification to TOWN, and STATE will bill TOWN for all costs of its removal and restoration of STATE right of way, on presentation of a bill.
 - 4.15. To allow random inspection of LANDSCAPING and IDENTIFICATION by a STATE representative.
 - 4.16. To keep the entire landscaped area and IDENTIFICATION policed and free of litter, deleterious material, and graffiti.
 - 4.17. All work by or on behalf of TOWN will be done at no cost to STATE.
5. STATE agrees to do the following:
- 5.1. May provide TOWN with timely written notice of unsatisfactory conditions that require correction by the TOWN. However, the non-receipt of notice does not excuse TOWN from maintenance responsibilities assumed under this Agreement.
 - 5.2. Issue encroachment permits to TOWN and TOWN contractors at no cost to them.
 - 5.3. Reserve the right to remove IDENTIFICATION or alter parts thereof due to emergency, construction, rehabilitation, or other necessary activities affecting these transportation facilities without any obligation, compensation, advance notification, or approval of TOWN.

6. LEGAL RELATIONS AND RESPONSIBILITIES:

- 6.1. Nothing within the provisions of this Agreement is intended to create duties or obligations to or rights in third parties not PARTIES to this Agreement, or affect the legal liability of either PARTY to this Agreement by imposing any standard of care respecting the design, construction and maintenance of these STATE highway improvements or TOWN facilities different from the standard of care imposed by law.
- 6.2. If during the term of this Agreement, TOWN should cease to MAINTAIN the LANDSCAPING or IDENTIFICATION to the satisfaction of STATE as provided by this Agreement, STATE may either undertake to perform that MAINTENANCE on behalf of TOWN at TOWN's expense or direct TOWN to remove or itself remove LANDSCAPING or IDENTIFICATION at TOWN's sole expense and restore STATE's right of way to its prior or a safe operable condition. TOWN hereby agrees to pay said STATE expenses, within thirty (30) days of receipt of billing by STATE. However, prior to STATE performing any MAINTENANCE or removing LANDSCAPING or IDENTIFICATION, STATE will provide written notice to TOWN to cure the default and TOWN will have thirty (30) days within which to affect that cure.
- 6.3. Neither TOWN nor any officer or employee thereof is responsible for any injury, damage or liability occurring by reason of anything done or omitted to be done by STATE under or in connection with any work, authority or jurisdiction arising under this Agreement. It is understood and agreed that STATE shall fully defend, indemnify and save harmless TOWN and all of its officers and employees from all claims, suits or actions of every name, kind and description brought forth under, including, but not limited to, tortious, contractual, inverse condemnation and other theories or assertions of liability occurring by reason of anything done or omitted to be done by STATE under this Agreement with the exception of those actions of STATE necessary to cure a noticed default on the part of TOWN.
- 6.4. Neither STATE nor any officer or employee thereof is responsible for any injury, damage or liability occurring by reason of anything done or omitted to be done by TOWN under or in connection with any work, authority or jurisdiction arising under this Agreement. It is understood and agreed that TOWN shall fully defend, indemnify and save harmless STATE and all of its officers and employees from all claims, suits or actions of every name, kind and description brought forth under, including, but not limited to, tortious, contractual, inverse condemnation or other theories or assertions of liability occurring by reason of anything done or omitted to be done by TOWN under this Agreement.

7. PREVAILING WAGES:

7.1. Labor Code Compliance- If the work performed on this Project is done under contract and falls within the Labor Code section 1720(a)(1) definition of a "public work" in that it is construction, alteration, demolition, installation, or repair; or maintenance work under Labor Code section 1771. TOWN must conform to the provisions of Labor Code sections 1720 through 1815, and all applicable provisions of California Code of Regulations found in Title 8, Chapter 8, Subchapter 3, Articles 1-7. TOWN agrees to include prevailing wage requirements in its contracts for public work. Work performed by TOWN's own forces is exempt from the Labor Code's Prevailing Wage requirements.

7.2. Requirements in Subcontracts - TOWN shall require its contractors to include prevailing wage requirements in all subcontracts funded by this Agreement when the work to be performed by the subcontractor is a "public work" as defined in Labor Code Section 1720(a)(1) and Labor Code Section 1771. Subcontracts shall include all prevailing wage requirements set forth in TOWN's contracts.

8. INSURANCE - TOWN and its contractors shall maintain in force, during the term of this agreement, a policy of general liability insurance, including coverage of bodily injury liability and property damage liability, naming the STATE, its officers, agents and employees as the additional insured in an amount of \$1 million per occurrence and \$2 million in aggregate. Coverage shall be evidenced by a certificate of insurance in a form satisfactory to the STATE that shall be delivered to the STATE with a signed copy of this Agreement.

9. TERMINATION - This Agreement may be terminated by timely mutual written consent by PARTIES, and TOWN's failure to comply with the provisions of this Agreement may be grounds for a Notice of Termination by STATE.

10. TERM OF AGREEMENT -This Agreement shall become effective on the date first shown on its face sheet and shall remain in full force and effect until amended or terminated at any time upon mutual consent of the PARTIES or until terminated by STATE for cause or convenience.

PARTIES are empowered by Streets and Highways Code Section 114 & 130 to enter into this Agreement and have delegated to the undersigned the authority to execute this Agreement on behalf of the respective agencies and covenants to have followed all the necessary legal requirements to validly execute this Agreement.

PLA 80 PM 8.64-8.81
Town of Loomis
Horseshoe Bar OC
Encroachment Permit 0314-NLF0423
Encroachment Permit 0314-NID0424

IN WITNESS WHEREOF, the PARTIES hereto have set their hands and seals the day and year first above written.

THE TOWN OF LOOMIS

STATE OF CALIFORNIA
DEPARTMENT OF TRANSPORTATION

By: *Blondell Morrill*
Mayor

MALCOLM DOUGHERTY
Director of Transportation

ATTEST:

By: *Crisette Stead*
Town Clerk

By: _____
Amarjeet S. Benipal, District 3 Director

By: *J Mitchell*
Town Attorney

As to Form and Procedure:
By: *Denise Zuniga*
Attorney
Department of Transportation

PROJECT NO.	DATE	BY
1000000000	10/15/00	W. J. HARRIS
NO.	CITY	NO.
1000000000	LOS ANGELES	1000000000
TOWN OF LOOMIS 3000 TAYLOR ROAD LOOMIS, CA 95660 TOWNHILL ASSOCIATES 3700 POCOCK DRIVE, SUITE 1 ROCKLIN, CA 95765		

LANDSCAPE MAINTENANCE AGREEMENT
WITH THE TOWN OF LOOMIS
EXHIBIT A

PAGE 1 OF 2
ENCROACHMENT NO. 0014-HL70423

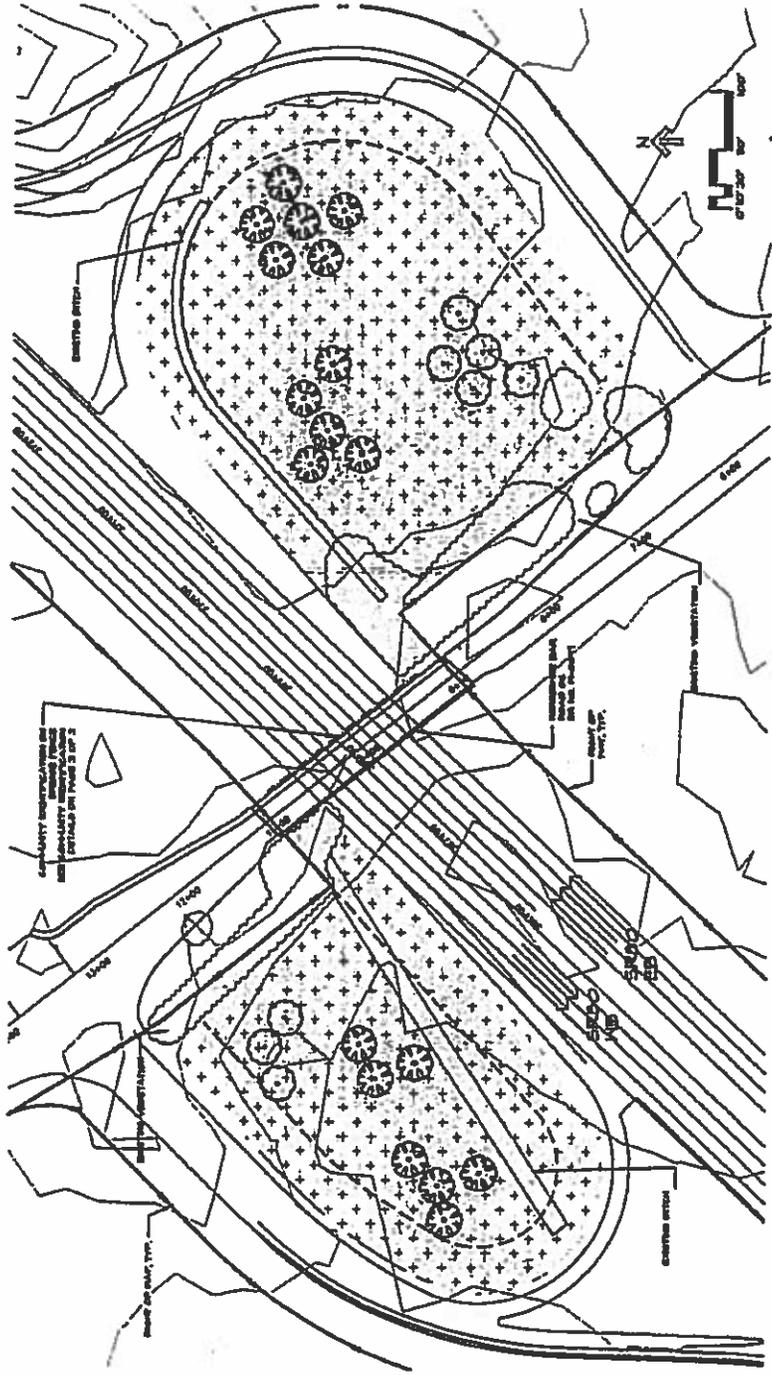
TO BE MAINTAINED BY TOWN AT TOWN EXPENSE
COMMUNITY IDENTIFICATION ON DRESSAGE PENCE TO
BE MAINTAINED BY TOWN AT TOWN EXPENSE

PLANTING LEGEND

TREES

CODE	SCIENTIFIC NAME	COMMON NAME	CITY	SIZE	REPLACEMENT
01	QUERCUS LAEVOGARBATA	VALLEY OAK	M	12' GALLON	STAGLEAS
02	QUERCUS PARVIFLORA	INTERIOR LIVE OAK	S	10' GALLON	STAGLEAS

NATIVE GRASS/PERENNIALS: RAIN, NEPENTHES, PINK, SPICES, SOCIETY
PODS AND GRASS MIX, OR APPROVED BRUSH, HYDRANGEAS.



ENCROACHMENT NO. 0014-HL70423
LANDSCAPE PLAN
SCALE: 1" = 30'

LOOKS FORSCKE BAR INTERCHANGE

UNIT

EXISTING (SHOWN AS) IS IN RED

REVISIONS: 1. 10/15/00
2. 10/15/00
3. 10/15/00

REVISIONS: 1. 10/15/00
2. 10/15/00
3. 10/15/00

DATE REVISION	BY	REVISION
10/15/00	W. J. HARRIS	1. 10/15/00
10/15/00	W. J. HARRIS	2. 10/15/00
10/15/00	W. J. HARRIS	3. 10/15/00

LANDSCAPE MAINTENANCE AGREEMENT
WITH THE TOWN OF LOOMIS
EXHIBIT A

PAGE 2 OF 2
ENCROACHMENT NO. 0314-NID0424

COMMUNITY IDENTIFICATION
ON BRIDGE FENCE TO BE
MAINTAINED BY TOWN AT
TOWN'S EXPENSE

HORSESHOE BAR ROAD OC
BR NO 19-0087

SR 80
Eastbound Lanes

SR 80
Westbound Lanes



Scale in Feet

COMMUNITY IDENTIFICATION DETAILS

CONTRACT CHANGE ORDER

Change Requested by: Engineer

CCO: 39	Suppl. No. 0	Contract No. 03 - 3E1004	Road 03-Pla-80-8.1/37.8	FED. AID LOC.: ACBHIM-0803(243)E
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To: RGW Construction, INC.

You are directed to make the following changes from the plans and specifications or do the following described work not included in the plans and specifications for this contract. **NOTE: This change order is not effective until approved by the Engineer.**

Description of work to be done, estimate of quantities and prices to be paid. (Segregate between additional work at contract price, agreed price and force account.) Unless otherwise stated, rates for rental of equipment cover only such time as equipment is actually used and no allowance will be made for idle time. This last percentage shown is the net accumulated increase or decrease from the original quantity in the Engineer's Estimate.

In accordance with Section 4-1.05, "Changes and Extra Work," of the Standard Specifications, furnish upgraded chain link railing posts and framing in accordance with change order 39, sheet 2 of 3, and add 327 LF of Chain Link Railing at King Road Overcrossing, Sta "K" line, right 18+36 to 21+63.

Estimate of Increase in Contract Item at Contract Price:

Item No. 163: CHAIN LINK RAILING (TYPE 6)
 327 LF (+15.44%) \$90.00 /LF = +\$29,430.00 (+15.44%)

Install Item No. 163 "Chain Link Railing (Type CL-6)," at King Road OC on concrete Type 732 per King Road Overcrossing "Chain Link Railing Type 6" with reference to Post Anchorage Detail as shown on sheet B11-54 of the Standard Plans.

Estimated total cost for Increase in Contract Item.....\$29,430.00

No adjustment to the bid item unit price of item No. 163 "Chain Link Railing (Type CL-6)," will be made in accordance with Section 9-1.06B, "Increases of More Than 25 Percent," of the Standard Specifications.

Adjustment of Compensation at Lump Sum:

Furnish upgraded materials as shown in the following table to install 240 LF Item 163 "Chain Link Railing (Type CL-6)" per sheet 3 of 3 of this change order.

Summary of Change Order 39, Sheet 3 Plan Revisions:

Upgrades:	Location of Detail/Section:
HSS 3x3x3/16	Post Anchorage/Section A-A
L 3 1/2x3 1/2x3/16	Post Anchorage/Section A-A
9" post pocket	Post Anchorage
2-#5x 2'-11"	Post Anchorage
#5 Square Stirrups, tot 3	Post Anchorage
L 4x3x1/4	Elevation/Section C-C
L 4x3x1/4	Elevation/Section B-B

For this work the contractor shall receive and accept the agreed lump sum of \$28,325.00. This sum constitutes full and complete compensation for providing all labor, material, equipment, tools and incidentals, including all markups by reason of this change.

Estimated cost of Adjustment of Compensation at Lump Sum\$28,325.00

This change will have no effect on contract time and no adjustment in contract time is made in the contract change order.

CONTRACT CHANGE ORDER

Change Requested by: **Engineer**

CCO: 39	Suppl. No. 0	Contract No. 03 - 3E1004	Road 03-Pla-80-8.1/37.8	FED. AID LOC.: ACBHIM-0803(243)E
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Estimated Cost: Increase Decrease \$57,755.00

By reason of this order the time of completion will be adjusted as follows: 0 days

Submitted by		
Signature <i>[Signature]</i>	Resident Engineer Martin Clark	Date 8/21/15

Approval Recommended by		
Signature	Construction Manager Jim Graham	Date

Engineer Approval by		
Signature	Construction Manager Jim Graham	Date

We the undersigned contractor, have given careful consideration to the change proposed and agree, if this proposal is approved, that we will provide all equipment, furnish the materials, except as may otherwise be noted above, and perform all services necessary for the work above specified, and will accept as full payment therefor the prices shown above.

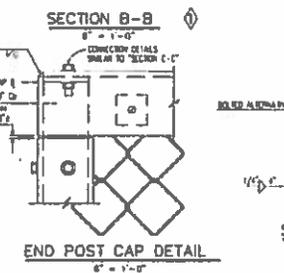
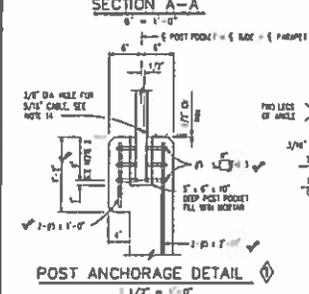
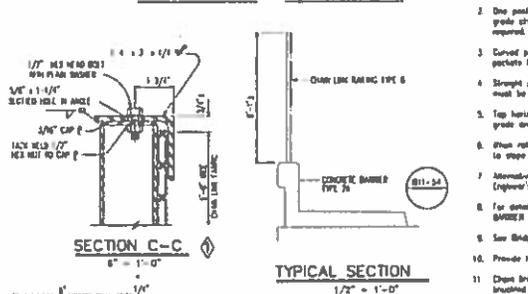
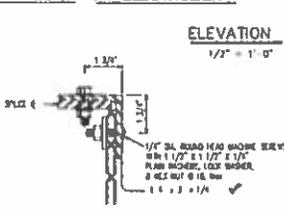
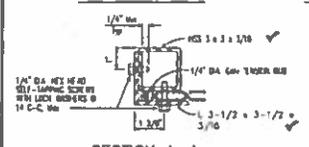
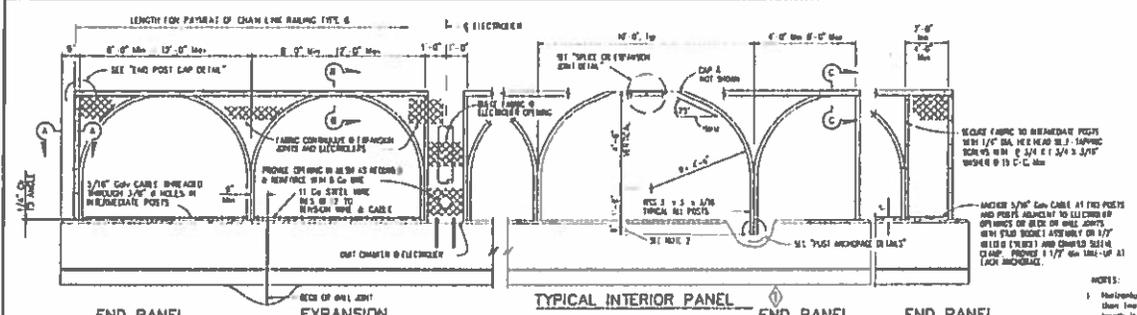
NOTE: If you, the contractor, do not sign acceptance of this order, your attention is directed to the requirements of the specifications as to proceeding with the ordered work and filing a written protest within the time therein specified.

Contractor Acceptance by		
Signature	(Print name and title)	Date

REV	DATE	BY	CHKD	APP'D	TITLE
01	11/27/8	OC			CHAIN LINK RAILING TYPE 6
02		OC			

PROJECT NO. 03-3E1004
 SHEET NO. 3 OF 5
 CONTRACT NO. 8
 DRAWING NO. 8

- NOTES:**
- Horizontal angle must be established over not less than two intermediate posts except that a shorter length is permitted at expansion joints, endposts and other end discontinuities.
 - The post may be embedded 6" minimum in uncracked grade (except otherwise indicated) post length to be as shown.
 - Curved posts may be installed in pairs within post pockets to accommodate curved horizontal alignment.
 - Straight posts and straight portions of curved posts must be installed correct to bridge profile grade.
 - Top horizontal angle must be parallel to bridge profile grade and must be steep level to fit post/corner curves.
 - Other railing is on slope, locate rail as placed parallel to slope.
 - Alternative details may be submitted by Contractor for Engineer's approval.
 - For details and reinforcement see sheet "CONCRETE BARBER TYPE 26" sheet (B11-34)
 - See Bridge Plans for Units of Chain Link Railing Type 6.
 - Provide number of all cable loops.
 - Open link fabric to be 4'-0" wide with 1" mesh and with trapezoidal cutouts top and bottom.
 - When railing is placed on a horizontal alignment with a radius of 150'-0" or less, spread 2" across through 2" walled eye nuts embedded 4" into the top of the concrete parapet and equally spaced to limit the inside angle distance between 2" corners and the curve to 1" maximum.
 - Splices and expansion joints must be located at Opened
 - Holes in joints for 2" cable and its anchorage may be held closed and painted with zinc rich paint.



NOTE: THE CONTRACTOR MUST VERIFY ALL CONTROLLING FIELD DIMENSIONS BEFORE ORDERING OR FABRICATING ANY MATERIAL.

STANDARD DRAWING 11/14/15 REVISION DETAIL	STATE OF CALIFORNIA DEPARTMENT OF TRANSPORTATION	DIVISION OF ENGINEERING SERVICES	HORSESHOE BAR OC BARRIER (MOD) CHAIN LINK RAILING TYPE 6
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Circle Welding & Colin Greenley Welding

JOB ESTIMATE

Colin Greenley
1733 Richard Ct
Lincoln, CA 95648

(530) 906-3805

TO:
Rick Angelocci
Town Manager of Loomis

(916) 652-1840

JOB DESCRIPTION
Fabricate Loomis overpass sign* *Horses and trees must be simplified for fabrication process

ITEMIZED ESTIMATE: TIME AND MATERIALS	AMOUNT
Material	\$1,335.00
Galvanizing	\$1,385.00
Powder Coat	\$2,195.00
Shop Drawings	\$1,600.00
Labor	\$1,000.00
Tax for Fabrication	\$598.35
TOTAL ESTIMATED FABRICATION COST	\$8,113.35

JOB DESCRIPTION
Installation of Loomis overpass sign

ITEMIZED ESTIMATE: TIME AND MATERIALS	AMOUNT
Fasteners	\$2,500.00
Equipment Rental	\$9,500.00
Labor	\$9,000.00
Powder Coat Fasteners	\$1,343.00
Shipping	\$1,000.00
TOTAL ESTIMATED INSTALLATION COST	\$23,343.00

TOTAL ESTIMATED COST **\$31,456.35**

This price excludes road closures, permits, site safety work lights, rentals not for install processes, and labor for road closer.

This is an estimate only, not a contract. This estimate is for completing the job described above, based on my evaluation. It does not include unforeseen price increases or additional labor and materials which may be required should problems arise.

PREPARED BY

September 1, 2015

DATE

Horseshoe Bar Overcrossing
Cost of Fabrication and Installing "Artwork"
Michael Riegel
March 12, 2015

The artwork designed by the Foothill Associates for the Horseshoe Bar Overcrossing has a very low wind load, because of this it is more time consuming to fabricate. The estimated cost of fabrication and installation are as follows:

Cost of materials -----\$ **1426**

Cost of Fabrication - -----\$ **34,700**

Note: The tree and horse images need simplification.

Cost of Finishing including sandblasting and powder coating -----\$ **3800**

Note: colors will be decided at a later date

Installation -----\$ **18,200**

Note: The cost of installation includes equipment rental, standard liability insurance and workers comp. For night installation more equipment is needed and this will affect the cost.

If Cal Trans requires more insurance, the city of Loomis must augment the installation budget for the extra amount.

The installation of this project is not taken lightly. Dangling an object over the freeway is a complicated safety issue. If the placement of the artwork is on the interior of the fence, the total installation cost would be much less.

Total cost of project -----\$**58,126**

"I" Sample

I am willing to fabricate a sample of an "I" to help members of the Town Council visualize what it would look like with a backdrop against the Sierra College bridge fence . The cost of fabrication would be \$1700.