

THE BOARD OF SUPERVISORS OF THE COUNTY OF STANISLAUS
ACTION AGENDA SUMMARY

DEPT: Public Works

BOARD AGENDA # *C-2

Urgent Routine

AGENDA DATE January 29, 2013

CEO Concurs with Recommendation YES NO
(Information Attached)

4/5 Vote Required YES NO

SUBJECT:

Approval of Federal Service Contract No. 75LX185 with the California Department of Transportation for the Claribel Road at Terminal Avenue Signal Project STPLR-7500(182), Under the Federal Grade Improvement Program, Section 130 Grade Crossing Improvement Project

STAFF RECOMMENDATIONS:

1. Approve the Service Contract for the signal project at the intersection of Claribel Road and Terminal Avenue adjacent to the BNSF Railway Company tracks in the amount of \$642,497 with Caltrans for the elimination of hazards at Railroad-Highway intersections (crossings) BNSF Railroad Crossing Improvement Project, Federal Aid Project STPLR-7500(182) and Federal Service Contract No: 75LX185.
2. Authorize the Director of Public Works to execute Service Contracts with Caltrans and sign all necessary documents.

FISCAL IMPACT:

This project is funded 100% by Federal funds to be reimbursed by Caltrans through the Section 130 Grade Improvement Program as stipulated in the Service Contract. The total estimated cost for this project is \$642,497. There will be no impact to the Stanislaus County General Fund.

BOARD ACTION AS FOLLOWS:

No. 2013-46

On motion of Supervisor Withrow, Seconded by Supervisor Monteith

and approved by the following vote,

Ayes: Supervisors: O'Brien, Withrow, Monteith, De Martini and Chairman Chiesa

Noes: Supervisors: None

Excused or Absent: Supervisors: None

Abstaining: Supervisor: None

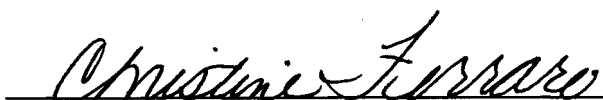
1) Approved as recommended

2) Denied

3) Approved as amended

4) Other:

MOTION:



ATTEST: CHRISTINE FERRARO TALLMAN, Clerk

File No.

Approval of Federal Service Contract No. 75LX185 with the California Department of Transportation for the Claribel Road at Terminal Avenue Signal Project STPLR-7500(182), Under the Federal Grade Improvement Program, Section 130 Grade Crossing Improvement Project

DISCUSSION:

The Claribel Road and Terminal Avenue intersection was the location of a six person fatal accident in 2007. Due to the severity of this accident, it moved this intersection up the Statewide priority list for Section 130 monies to mitigate safety hazards. This project improvement is a cooperative effort between Caltrans, the California Public Utilities Commission (CPUC), the Burlington Northern Santa Fe Railway (BNSF Railway), and the County.

This Service Contract is for the purpose of eliminating hazards at Railroad-Highway intersections (crossings) with Federal funds provided through Caltrans under Section 130, Title 23 USC. The CPUC, in conjunction with Stanislaus County and BNSF, evaluated the railroad highway intersections and determined what improvements were needed. The County and BNSF Railway are responsible for building and maintaining these improvements mandated by the CPUC.

The improvements proposed at the Claribel Road and Terminal Avenue intersection and BNSF Railway are as follows:

- a) Install a traffic signal system at the intersection of Claribel Road and Terminal Avenue. Interconnect the traffic signal with the railroad warning devices to provide advanced preemption and provide for limited service of the traffic signal after the preemption clear out phase.
- b) Install a pre-signal for eastbound vehicular traffic on Claribel Road. Interconnect the pre-signal with the traffic signal at the intersection of Claribel Road and Terminal Avenue, and interconnect the system with the train detection circuitry for advanced preemption.
- c) Install active advance warning for eastbound vehicular traffic on Claribel.
- d) Modify the intersection of Claribel Road and Terminal Avenue for vehicles traveling on Terminal making a right turn onto Claribel, east or west, by providing the necessary turn lane radius and median island structures.

Public Works staff will be designing the project in 2013. Right-of-way acquisition will occur in late 2013, with minor acquisitions necessary. Once the County plans are complete and approved, the BNSF Railway will complete their plans. The application for an at-grade intersection modification, (GO-88B), with the CPUC will be submitted once all plans are complete in 2014 and Construction should occur in late 2014 or early 2015. Staff recommends that the Board approve the signing of this contract so that we may proceed with this important safety project.

POLICY ISSUES:

The requested action supports the Board's priorities of providing a safe community, a healthy community, effective partnerships and a well-planned infrastructure system by cooperatively enhancing safety at this important intersection.

Approval of Federal Service Contract No. 75LX185 with the California Department of Transportation for the Claribel Road at Terminal Avenue Signal Project STPLR-7500(182), Under the Federal Grade Improvement Program, Section 130 Grade Crossing Improvement Project

STAFFING IMPACT:

There is no staffing impact associated with this item.

CONTACT PERSON:

Matt Machado, Public Works Director. Telephone: (209) 525-4130.

DL/sn

L:\ROADS\9292 - Claribel-Terminal Section 130 Improvements\Design\Board\9292-S130 Grade_Claribel Rd BOS 1.29.13

STATE OF CALIFORNIA
DEPARTMENT OF TRANSPORTATION

Contract No: 75LX185
Sheet 1 of 10
November 1, 2012

| Unit | Project ID | Phase | Subjob | Object | Amount | FY | Enc Code | Encumbrance Doc No |
|--|------------|----------|---|--|---|-------|----------|--------------------|
| 3811 | 0012000080 | S | | 049 | \$ 642,497.00 | 12/13 | | 75LX185 |
| Item | Chapter | Statutes | Fiscal Year | | | | | |
| I hereby certify upon my own personal knowledge that budgeted funds are available for the period and purpose of the expenditure stated herein. | | | | SERVICE CONTRACT NO: 75LX185 PROJECT NUMBER: STPLR-7500(182) | | | | |
| Signature of Accounting Officer | | | Date | The numbers above are to be placed on all invoices which shall be mailed to: Caltrans Division of Rail P.O. Box 942874, MS 74 Sacramento, CA 94274-0001 | | | | |
| LOCAL AGENCY: ADDRESS: Phone: | | | County of Stanislaus Department of Public Works 1716 Morgan Road Modesto, CA 95358 | | Effective Date of Contract: November 1, 2012 Expiration Date of Contract: October 31, 2014 | | | |

The County of Stanislaus (hereinafter referred to as Local Agency) hereby agrees to do the work set forth herein for the State of California, Department of Transportation (hereinafter referred to as Caltrans) in accordance with all applicable laws including but not limited to, California Streets and Highways Code section 114(b) and California Government Code 14038 and regulations and the provisions of this form including the attached sheets and Exhibits. The Local Agency agrees to receive and accept as full compensation therefore the payment provided herein. Local Agency must provide Caltrans with a copy of a resolution, order, motion, or ordinance of the local governing body, which by law has authority to enter into an agreement, authorizing execution of this agreement.

The work is located in the County of Stanislaus, at the grade crossing located at the intersection of Claribel Road and BNSF Railway Company (hereinafter referred to as Railroad) tracks, CPUC No.002-1094.50, Federal DOT No. 028755B. All work to be completed by Local Agency under the terms of this Contract is described in Exhibit A (hereinafter referred to as Project).


Total Cost Estimate: \$ 558,693.00
Contingency : \$ 83,804.00
TOTAL PROJECT COST: \$ 642,497.00
TOTAL AMOUNT OF THIS CONTRACT: \$ 642,497.00

It is expressly agreed that all persons engaged on this work are employees of the Local Agency and/or contractors hired by the Local Agency pursuant to its own policies and procedures and that none are employees of Caltrans.

Further, Caltrans hereby agrees to the terms as above set forth, and hereby agrees to pay the actual allowable costs incurred up to the limit set forth herein; provided, that by mutual consent of the Local Agency and Caltrans, this contract may be modified or terminated at any time.

IN WITNESS WHEREOF, the parties to this contract have hereunto set their hand the year and date first above written.

CALIFORNIA DEPARTMENT OF TRANSPORTATION
By  Branch Chief

COUNTY OF STANISLAUS
By  Director

Approved _____ Office Chief

Title DIRECTOR

Date _____

Date 1/30/13 APPROVED AS TO FORM:

STANISLAUS COUNTY COUNSEL
BY 



DATE: _____

1. It is mutually understood between the parties that this contract may have been written before ascertaining the availability of congressional or legislative appropriation of funds, for the mutual benefit of both parties, in order to avoid program and fiscal delays that might occur if the contract were executed after appropriations are actually made.
2. This contract is valid and enforceable only if sufficient funds are made available to **Caltrans** by the United States Government or the California State Legislature for the purpose of this program. In addition, this contract is subject to any additional restrictions, limitations, conditions or any statute enacted by the Congress or the State Legislature that may affect the provisions, terms or funding of this contract in any manner. It is mutually agreed that if the Congress or the State Legislature does not appropriate sufficient funds for the program, this contract shall be amended to reflect any reduction of funds.
3. This service contract is for the elimination of hazards at Railroad-Highway intersections (crossings) with funds provided to **Caltrans** under Section 130, Title 23 USC. Said elimination of hazards is a cooperative effort between **Caltrans**, **Local Agency** the California Public Utilities Commission (hereinafter referred to as **CPUC**) and **Railroad**. The **CPUC** has evaluated the railroad highway intersection and determined what improvements are necessary; **Caltrans** acts as a conduit for the federal funds to the **Local Agency** and the **Railroad** and the **Local Agency** and **Railroad** are responsible for building and maintaining the improvements mandated by the **CPUC**.
4. The total actual allowable costs reimbursable by **Caltrans** under this Service Contract, shall not exceed \$ **642,497.00**
5. The **Local Agency** will not proceed with any work on the **Project**, nor be required to purchase any materials, until authorized in writing by **Caltrans**. Such authorization (hereinafter referred to as **Notice to Proceed**) shall not be issued by **Caltrans** until sufficient State or Federal funds have been obligated for the project. State and Federal maximum liability pursuant to this contract is limited to the amount set forth in this contract.
6. The **Local Agency** agrees to perform the **Project** work and to provide and furnish all necessary labor, materials, tools, and equipment required therefore, and to prosecute **Project** diligently to completion. **Caltrans** and **Local Agency** agree that the **Project** work as provided herein is pursuant to Federal rules and regulations and not State law. **Caltrans** is acting as a conduit for disbursement of Federal Surface Transportation Program funds for hazard elimination at railroad intersections on city streets, county roads and State Highways.
7. The FHWA's Buy America policies (23 CFR 635.410) require a domestic manufacturing process for all steel or iron products that are "used" or "permanently incorporated" in a Federal-aid highway construction project. If an item is specified in the contract documents and is permanent or could be considered impractical to be removed, then Buy American provisions apply. Other steel or iron items specified in the contract documents that are not required to be permanently incorporated, are considered to be temporary, and are not subject to this requirement.



8. Any person, company or corporation who performs work authorized under terms of this contract must have a valid California contractor's license. All authorized work performed by employees of **Local Agency** and any CPUC regulated public utility, City, County or Public Service District is not subject to the above contractor's license requirement.

9. **Local Agency** must coordinate **Project** work with the railroad that owns or operates the tracks where the intersection is located.

10. **Local Agency** will secure all legally required and necessary permits and approvals before commencing **Project** construction.

11. Where **Project** work is in conjunction with work done by **Railroad**, **Railroad** will construct railroad track and signal work to its own standard specifications, **Local Agency** will not perform any work on the **Railroad** tracks or within railroad right of way without securing written permission from the railroad. **Project** work done within twenty-five feet of the centerline of the **Railroad's** nearest track may require a **Railroad** employee to protect the workers of **Local Agency** or its contractors. This provision is pursuant to Federal Law and must be clearly agreed to in writing between **Local Agency** and **Railroad** before commencement of **Project** work at the railroad-highway intersection. A copy of this agreement between **Railroad** and **Local Agency** shall be provided to **Caltrans** by **Local Agency** as soon as it is executed.

12. **Caltrans** will reimburse the **Local Agency** on the basis of actual cost, not to exceed the **Project** cost herein. Any cost of the work determined by **Caltrans** to be not reimbursable, shall be borne by **Local Agency**. Indirect overhead charges will not be allowed unless **Local Agency** has an Indirect Cost Rate Proposal approved by **Caltrans's** Audits and Investigations.

13. Any warning devices medians, signs, pavement markings, structures or other improvements, which may be installed in conjunction with **Project**, shall be located as agreed upon between **Railroad** and the California Public Utilities Commission and as approved by the Federal Highway Administration (FHWA). Such locations are indicated in Exhibit A hereto.

14. Guidance, regulatory, warning and temporary traffic control signs, curb and pavement, or other markings and traffic signals installed or placed on any project constructed with federal funds shall conform to the Manual of Uniform Traffic Control Devices (MUTCD) and its California Supplement (CAMUTCD). Deviations from the Mandatory Standards for signs, markings, and traffic signals as defined and shown in the MUTCD and CAMUTCD are not permitted.

15. **Local Agency** invoice procedures shall conform to the California State Department of Transportation, Division of Rail, Railroad Crossing Safety Branch's Invoice Guidelines for Local Agencies. Correspondence and/or invoices are to be sent to: California Department of Transportation, Division of Rail, P. O. Box 942874, MS 74, Sacramento, California 94274, if by U.S. Mail. If by courier, then address invoice to: California Department of Transportation, Division of Rail, 1415 11th Street, MS 74, Sacramento, California 95814.

16. Not more frequently than once a month, but at least quarterly, **Local Agency** will prepare and submit to **Caltrans** invoices for actual allowable costs incurred consistent with the **Exhibit A** attached hereto. **Caltrans** will review the invoice for compliance with this contract. Provided contract terms



are complied with, payment will be made by **Caltrans** to **Local Agency** within forty-five (45) days of the date of receipt of an invoice by **Caltrans**. Invoices which are determined not be in compliance will be returned to **Local Agency** for correction of deficiencies, after which **Local Agency** will resubmit the invoice to **Caltrans** as prescribed above.

17. The **Local Agency**, upon completion of the **Project** work, will provide to **Caltrans** a written declaration/notification that the **Project** has been final billed and ready to be closed. This declaration shall be based upon actual allowable **Project** cost, **Project** Scope and **Project** cost limits set forth herein. Upon receipt of this declaration, **Caltrans** will pay all outstanding allowable invoiced **Project** costs. If upon final accounting, it is determined that **Caltrans** previously paid more than its share of said project, **Local Agency** shall refund the difference between **Caltrans**'s share and the amount paid by **Caltrans**. All records of the **Local Agency**, its contractors and subcontractors are subject to audit by representatives of the **Caltrans** and Federal Highway Administration. Such records will be retained and made immediately available for inspection by **Caltrans**'s Auditors for a period of three years from **Caltrans**'s date of final payment of aforementioned final invoice.

18. All work to be done hereunder by **Local Agency** shall be done only by its employees on a force account basis, or by contractors, the cost thereof to be paid to **Local Agency** by **Caltrans** in the manner hereinafter set forth.

19. **Local Agency** agrees that the 48 CFR, Chapter 1 Part 31 et seq., Contract Cost Principles and Procedures, Federal Acquisition Regulations System, shall be used to determine the allowable individual items of indirect cost. **Local Agency** agrees to comply with the applicable Federal procedures in accordance with Office of Management and Budget Circular A-87, Cost Principles for State and Local Governments and CFR 49, Part 18, Uniform Administrative Requirements for Grants and Cooperative Agreements with State and Local Governments.

20. All applicable portions of 23 CFR Part 140, Subpart 1 are by reference incorporated herein and made a part hereof.

21. An itemized estimate of the cost of the work to be performed by **Local Agency** is attached hereto as a part of **Exhibit B** and made a part hereof.

22. **Caltrans** agrees to reimburse **Local Agency** for qualified insurance expenses as authorized by 23 CFR 646 et seq., and as set forth in cost estimates attached hereto.

23. The **Local Agency** has 180 days after the expiration date of this contract to submit the final invoice to **Caltrans** for verification and payment.

24. In cooperation with the **Railroad**, the **Local Agency** shall maintain the **Project** improvements made under this contract located in its right of way.

25. Subject to the availability of labor and material, it is the intent of the parties hereto that all construction work under this service contract shall be completed within one year after the **Notice to Proceed** is issued by the Department, unless a time extension is requested by **Local Agency** and approved in writing by **Caltrans**. This Contract is effective for a period of two years only to



prevent difficulties, which may arise if the Contract expired prior to all performance requirements being satisfied. Time is of the essence for completion of **Project** funded by this Contract. Costs incurred after expiration of the contract are not reimbursable.

26. **AMENDMENT:** No amendment or variation of the terms of this Contract shall be valid unless made in writing, signed by the parties and approved as required. No oral understanding or Agreement not incorporated in this Contract is binding on any of the parties.

27. **ASSIGNMENT:** This Contract is not assignable, in whole or in part, without the consent of **Caltrans** in the form of a formal written amendment.

28. **AUDIT:** **Local Agency** agrees that **Caltrans** or its designated representative shall have the right to review and to copy any records and supporting documentation pertaining to the performance of this Contract. **Local Agency** agrees to maintain such records for possible audit for a minimum of three (3) years after final payment, unless a longer period of records retention is stipulated. **Local Agency** agrees to allow the auditor(s) access to such records during normal business hours and to allow interviews of any employees who might reasonably have information related to such records. Further, **Local Agency** agrees to include a similar right of the State to audit records and interview staff in any subcontract related to performance of this Contract. (Gov. Code §8546.7, Pub. Contract Code §10115 et seq., CCR Title 2, Section 1896).

29. **INDEMNIFICATION:** **Local Agency** agrees to indemnify, defend and save harmless the State, its officers, agents and employees from any and all claims and losses accruing or resulting to any and all contractors, subcontractors, suppliers, laborers, and any other person, firm or corporation furnishing or supplying work services, materials, or supplies in connection with the performance of this Contract, and from any and all claims and losses accruing or resulting to any person, firm or corporation who may be killed injured or damaged except to the extent that such death injury or damage results from the sole or active negligence of **Caltrans**.

30. **DISPUTES:** **Local Agency** shall continue with the responsibilities under this Contract during any dispute.

31. **TERMINATION FOR CAUSE:** **Caltrans** may terminate this Contract and be relieved of any payments should the **Local Agency** fail to perform the requirements of this Contract at the time and in the manner herein provided. In the event of such termination **Caltrans** may proceed with the work in any manner deemed proper by **Caltrans**. All costs to **Caltrans** shall be deducted from any sum due the **Local Agency** under this Contract and the balance, if any, shall be paid to the **Local Agency** upon demand.

32. **INDEPENDENT CONTRACTOR:** **Local Agency**, and the agents and employees of **Local Agency**, in the performance of this Contract, shall act in an independent capacity and not as officers or employees or agents of **Caltrans** or State.

33. **NON-DISCRIMINATION CLAUSE:** During the performance of this Contract, **Local Agency** and its subcontractors shall not unlawfully discriminate, harass, or allow harassment against any employee or applicant for employment because of sex, race, color, ancestry, religious creed, national origin, physical disability (including HIV and AIDS), mental disability, medical



condition (cancer), age (over 40), marital status, and denial of family care leave. Contractor and subcontractors shall insure that the evaluation and treatment of their employees and applicants for employment are free from such discrimination and harassment. Contractor and subcontractors shall comply with the provisions of the Fair Employment and Housing Act (Gov. Code §12990 (a-f) et seq.) and the applicable regulations promulgated thereunder (California Code of Regulations, Title 2, Section 7285 et seq.). The applicable regulations of the Fair Employment and Housing Commission implementing Government Code Section 12990 (a-f), set forth in Chapter 5 of Division 4 of Title 2 of the California Code of Regulations, are incorporated into this Contract by reference and made a part hereof as if set forth in full. Contractor and its subcontractors shall give written notice of their obligations under this clause to labor organizations with which they have a collective bargaining or other Agreement. **Local Agency** shall include the nondiscrimination and compliance provisions of this clause in all subcontracts to perform work under the Contract.

34. **GOVERNING LAW:** This contract is governed by and shall be interpreted in accordance with the laws of the State of California.

35. **ANTITRUST CLAIMS:** The **Local Agency** by signing this Contract hereby certifies that if these services or goods are obtained by means of a competitive bid, the **Local Agency** shall comply with the requirements of the Government Code Sections set out below:

- a. The Government Code Chapter on Antitrust claims contains the following definitions:
 1. "Public purchase" means a purchase by means of competitive bids of goods, services, or materials by the State or any of its political subdivisions or public agencies on whose behalf the Attorney General may bring an action pursuant to subdivision (c) of Section 16750 of the Business and Professions Code.
 2. "Public purchasing body" means the State or the subdivision or agency making a public purchase. Government Code Section 4550.
- b. In submitting a bid to a public purchasing body, the bidder offers and agrees that if the bid is accepted, it will assign to the purchasing body all rights, title, and interest in and to all causes of action it may have under Section 4 of the Clayton Act (15 U.S.C. Sec. 15) or under the Cartwright Act (Chapter 2 (commencing with Section 16700) of Part 2 of Division 7 of the Business and Professions Code), arising from purchases of goods, materials, or services by the bidder for sale to the purchasing body pursuant to the bid. Such assignment shall be made and become effective at the time the purchasing body tenders final payment to the bidder. Government Code Section 4552.
- c. If an awarding body or public purchasing body receives, either through judgment or settlement, a monetary recovery for a cause of action assigned under this chapter, the assignor shall be entitled to receive reimbursement for actual legal costs incurred and may, upon demand, recover from the public body any portion of the recovery, including treble damages, attributable to overcharges that were paid by the assignor but were not paid by the public body as part of the bid price, less the expenses incurred in obtaining that portion of the recovery. Government Code Section 4553.



- d. Upon demand in writing by the assignor, the assignee shall, within one year from such demand, reassign the cause of action assigned under this part if the assignor has been or may have been injured by the violation of law for which the cause of action arose and (a) the assignee has not been injured thereby, or (b) the assignee declines to file a court action for the cause of action. See Government Code Section 4554.

36. CHILD SUPPORT COMPLIANCE ACT: "For any Contract in excess of \$100,000, the **Local Agency** acknowledges in accordance with Public Contract Code 7110, that:

- a. The **Local Agency** recognizes the importance of child and family support obligations and shall fully comply with all applicable state and federal laws relating to child and family support enforcement, including, but not limited to, disclosure of information and compliance with earnings assignment orders, as provided in Chapter 8 (commencing with section 5200) of Part 5 of Division 9 of the Family Code; and
- b. The **Local Agency**, to the best of its knowledge is fully complying with the earnings assignment orders of all employees and is providing the names of all new employees to the New Hire Registry maintained by the California Employment Development Department."

37. UNENFORCEABLE PROVISION: In the event that any provision of this Contract is unenforceable or held to be unenforceable, then the parties agree that all other provisions of this Contract have force and effect and shall not be affected thereby.

38. PRIORITY HIRING CONSIDERATIONS: If this Contract includes services in excess of \$200,000, the Contractor shall give priority consideration in filling vacancies in positions funded by the Contract to qualified recipients of aid under Welfare and Institutions Code Section 11200 in accordance with Public Contract Code Section 10353.

This contract will expire on **October 31, 2014**. Expiration of this Contract does not release any party hereto from any ongoing performance requirements agreed to herein.



Exhibit A
Fed Xing ID: 028755B
CPUC ID: 002-1094.50

Scope of Work

Street Name: Claribel Road

County: Stanislaus

City: Unincorporated

Railroad: BNSF Railway

All modifications shall be in accordance with the CAMUTCD and the County of Stanislaus standards.

Scope of Work:

- Install a traffic signal system at the intersection of Claribel Road and Terminal Avenue. Interconnect the traffic signal with the railroad warning devices to provide advanced preemption and provide for limited service of the traffic signal after the preemption clear out phase.
- Install a pre-signal for eastbound vehicular traffic on Claribel Road. Interconnect the pre-signal with the traffic signal at the intersection of Clairbel Road and Terminal Avenue, and interconnect the system with the train detection circuitry for advanced preemption.
- Install active advance warning for eastbound vehicular traffic on Claribel.
- Modify the intersection of Claribel Road and Terminal Avenue for vehicles travelling on Terminal making a right turn onto Claribel, east or west, by providing the necessary turn lane radii and median island structures.



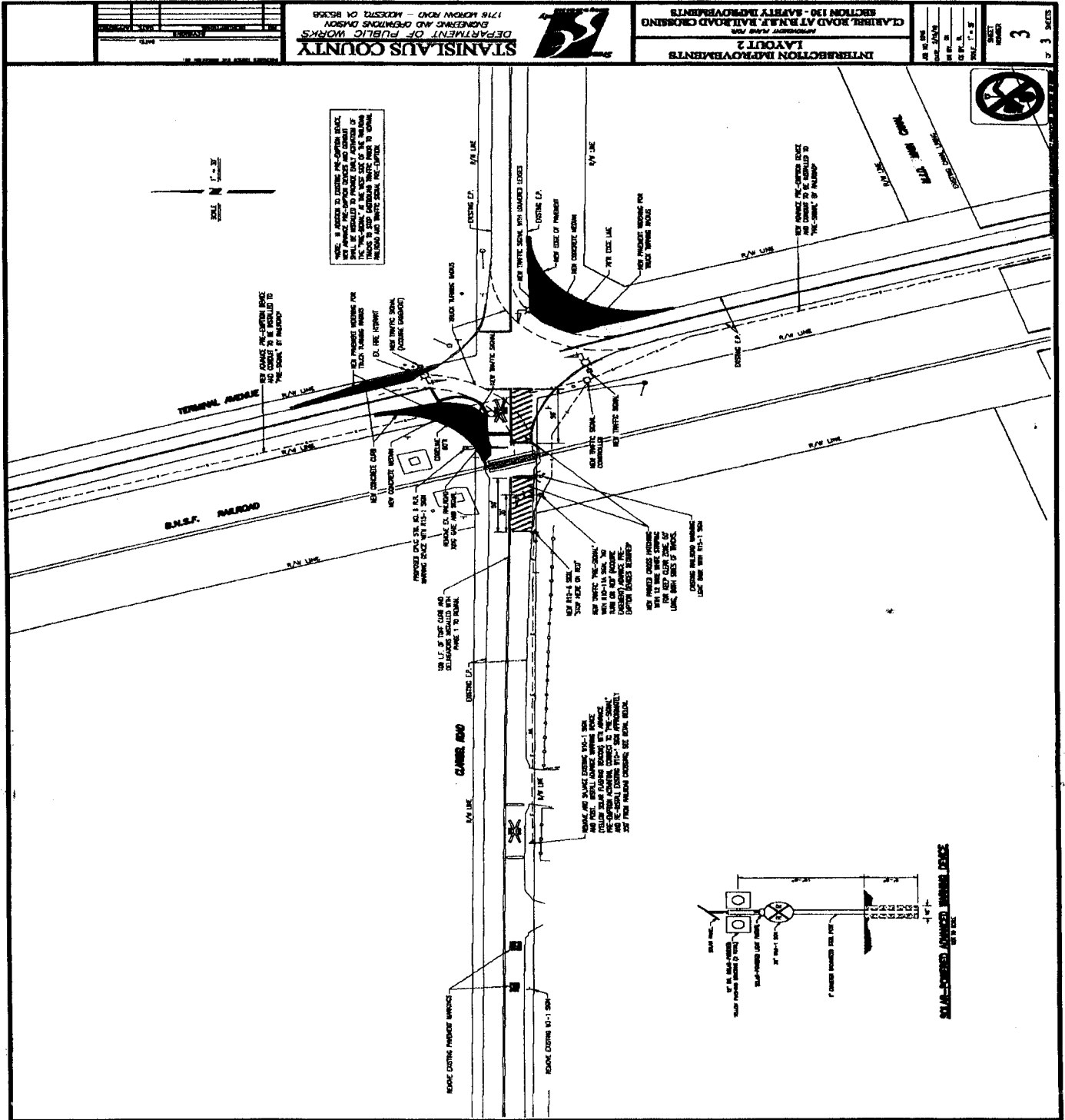
Exhibit B
Fed Xing ID:028755B
CPUC ID: 002-1094.50

Cost Estimate

| Work Item | Quantity | Unit | Unit Cost | Total |
|-------------------------------|-----------------|-------------|------------------|------------------|
| Traffic Signal | 1 | LS | \$250,000 | \$250,000 |
| Pre-Signal | 1 | LS | \$150,000 | \$150,000 |
| Active Advance Warning | 1 | LS | \$25,000 | \$25,000 |
| Paving | 2650 | SF | \$5 | \$13,250 |
| Curb | 366 | LF | \$20 | \$7,320 |
| Median | 1050 | SF | \$5 | \$5,250 |
| Preparation & Mobilization | 1 | LS | \$15,000 | \$15,000 |
| Traffic & Water Control | 1 | LS | \$7,500 | \$7,500 |
| Utilities | 1 | LS | \$10,000 | \$10,000 |
| Signage & Striping | 1 | LS | \$2,500 | \$2,500 |
| Sub-Total: | | | | \$485,820 |
| Construction Engineering | | | 15% | \$72,873 |
| Contingency | | | 15% | \$83,804 |
| TOTAL: | | | | \$642,497 |



Exhibit C
Fed Xing ID: 028755B
CPUC ID: 002-1094.50
Drawing



| | |
|------|----|
| DATE | BY |
| | |
| | |
| | |
| | |

STANISLAUS COUNTY
 DEPARTMENT OF PUBLIC WORKS
 ENGINEERING AND OPERATIONS
 1716 MCKENNA ROAD - MCKENNA, CA 95358

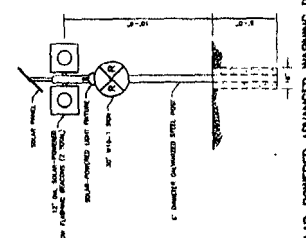
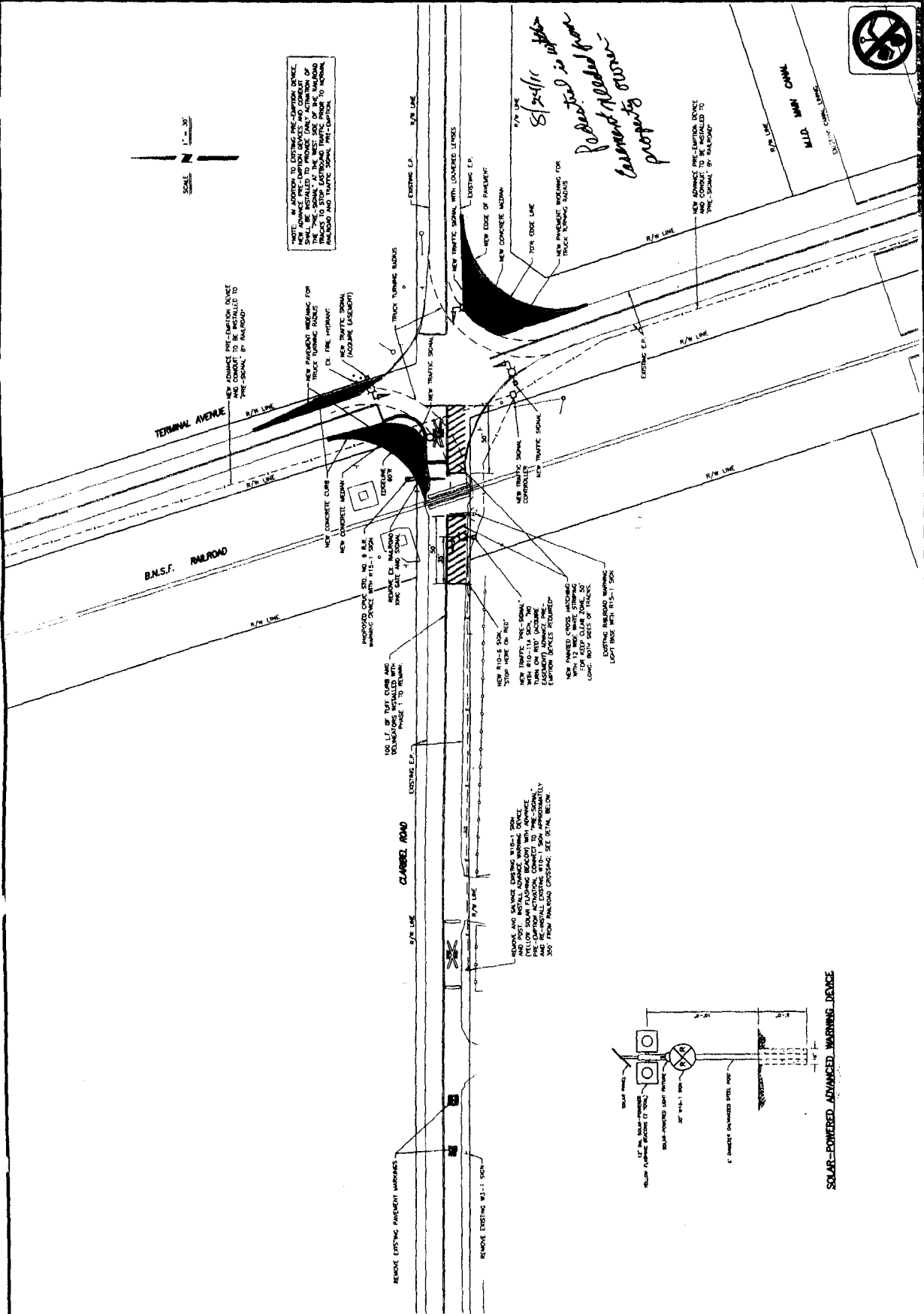
INTERSECTION IMPROVEMENTS
 LAYOUT 2
 APPROXIMATE PLAN FOR
 CLARIBEL ROAD AT B.N.S.F. RAILROAD CROSSING
 SECTION 130 - SAFETY IMPROVEMENTS

DATE: 11/15/18
 DRAWN BY: [Name]
 CHECKED BY: [Name]
 SCALE: 1" = 30'
 SHEET NUMBER: 3
 OF 3 SHEETS



NOTE: IN ADDITION TO EXISTING PRE-EMPTION DEVICE, NEW ADVANCED PRE-EMPTION DEVICES AND CONTROL OF THE PRE-EMPTION AT THE WEST SIDE OF THE RAILROAD CROSSING WILL BE INSTALLED TO NORMAL AND TRAFFIC SIGNAL PRE-EMPTION.

*8' specific
 Pedestrian is to be
 located to property
 owner*



SOLAR-POWERED ADVANCED WARNING DEVICE