



Sierra Northern Railway

341 Industrial Way
Woodland, CA 95776-6012
Tel: 530-666-9646
Fax: 530-666-2919

August 23, 2018

Darin Grossi
Executive Director
Tuolumne County
48 W Yaney Ave. Sonora, CA 95370
(209) 533-5583

Re: Railroad Crossing Replacement – Campo Seco, Two Locations

Dear Mr. Grossi:

Sierra Northern Railway (SNR) per your request and after an on-site meeting has prepared the following proposal and cost estimate to replace the vehicular running surface over highway rail crossings at two locations along Campo Seco Road in Tuolumne County. We have supplied three options to choose from with regards to the running surface repair. These options include a basic asphalt overlay, installing concrete panels over rail road ties, or the installation of a tie-less system commonly referred to as concrete tubs. We would highly suggest the use of tubs as they offer the smoothest running surface as well as the longest lifespan, typically 20-30 years. The least preferred method is the asphalt overlay, as this typically begins to breakdown within a few years and must be replaced every 7-10 years to keep a safe surface for the traveling public. The proposals below are to be considered **Not to Exceed** pricing for each option. The SNR will be responsible for all costs related to replacing the ties, rail and ballast structure while the County will be responsible for the cost of replacing the vehicular running surface. Each option will require a complete road closure of the duration of the project, estimated at 4-5 days per crossing.

Proposal No. 082318

Scope of Work

1. Removal of existing asphalt surface
2. Deconstruction and removal of the entire railroad structure through the crossing
3. Preparation of subgrade and final grade
4. Installation of new hardwood ties, ballast and rail (asphalt and panel crossings)
5. Tamp, regulate and surface track
6. Installation of running surface material; asphalt, panels or tubs.
7. Dress all disturbed track to meet CPUC walkway and toe path regulations.
8. All work performed to meet and or exceed FRA and CPUC regulations governing industry spur track.
9. Remove all track repair generated debris from the work area.

Option 1 – Asphalt Running Surface

- **\$39,700.00 per crossing**

Option 2 – Concrete Panels over Railroad Ties

- **\$60,500.00 per crossing**

Option 3 – Concrete Tub, Tieless System

- **\$75,700.00 per crossing**

Note: This proposal is solely for the replacement of the vehicular running surface for two highway rail crossings along Campo Seco Road in Tuolumne County. The proposal does not include any cost for permits, road closures and traffic control plans or other fees placed by Tuolumne County.

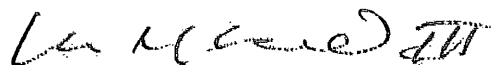
TERMS AND CONDITIONS:

1. The Scope of Work includes all labor, tools and equipment necessary to accomplish the work specified, except as specifically provided.
2. SNR excludes from the Scope of Work any underground relocations, drainage facilities, permits and/or payment, performance, or bid bonds not specified.
3. This proposal is valid through and may be accepted on or before October 31, 2018.
4. This proposed work shall be performed based on professional experience and judgement of Sierra Northern personnel, and shall meet the requirements and standards of the Federal Railroad Administration and the California Public Utilities Commission. All work performed and the material supplied by SNR shall be of good quality, and in accordance with prudent railroad practices. SNR warrants its workmanship for a period of one year upon completion of the work.
5. An invoice will be submitted at the completion of the work, and payment is due within 30 days of the receipt of this invoice. In the event that payment has not been received by SNR on or before the date that such payment is due, a late payment charge of two percent (2%) shall be assessed immediately, and then a finance charge of two percent (2%) per month shall then be assessed on the outstanding balance owed. Payments shall be applied first to interest, second to late payment charges, and then to the outstanding principle amounts.

6. Contractor's Notice: Contractors are required by law to be licensed and regulated by the Contractors' State License Board which has jurisdiction to investigate complaints against contractors if a complaint regarding a patent act or omission is filed within four years of the date of the alleged violation. A complaint regarding a latent act or omission pertaining to structural defects must be filed with 10 years of the date of the alleged violation. Any questions concerning a contractor may be referred to the Registrar, Contractors' State License Board, POB 26000, Sacramento, CA 95826.
7. This proposal is contingent upon the mutual agreement of the terms and conditions set forth in this letter as accepted and agreed by the authorized signatures below. All obligations incurred under the agreement shall be preserved until satisfied.

We appreciate the opportunity to submit this proposal. If there are any questions regarding this proposal or the proposed work, please call me at (530) 666-9646. We welcome any further discussions with you concerning this project.

Sincerely,



Kennan H. Beard III

