



City of Sonora

Tuolumne County
"Queen of the Southern Mines"
94 N. Washington Street
Sonora, California 95370
www.sonoraca.com

Area Code 209

Administration/Finance/City Clerk	532-4541
Planning/Building Department	532-3508
Public Works Department	532-2922
Police Department	532-8143
Fire Department	532-7432
Opera Hall/Redevelopment-Grants	532-7725
City Engineer	532-1867

Date: January 09, 2018 For the City Council Meeting of January 16, 2017

To: Honorable Members of the City Council

From: Gerard J. Fuccillo, City Engineer

Subject: **Greenley Road-Mono Way Intersection Project- Phase 2;
Acceptance of Contract Improvements with George Reed, Inc. as Completed and
Authorization to file a Notice of Completion.**

Council Members,

The construction of the Greenley Road-Mono Way Intersection Project, as contracted with George Reed, Inc. on July 07, 2017 has been completed in accordance with the plans and specifications, and including a change order issued for additional paving overlay work on Mono Way and Sanguinetti Road.

The project consisted of a widening of the signalized intersection of Greenley Road and Mono Way as the second and final phase of a long term Regional project. Construction of the project included widening at the northeast corner of Greenley/Mono and along the east side of Greenley Road for additional lanes on Greenley and Mono, sidewalk work to complete the sidewalk from Mono to Greenley, signal system modifications, and re-paving and striping of the intersection and all approaches. A new signalized crosswalk crossing Mono Way was added to the intersection, and all crosswalks were upgraded.

The project construction was funded by both City of Sonora and County of Tuolumne Traffic Impact Mitigation Fees under a Cooperative Agreement for the entire project, with the City as the implementing agency.

A major Change Order was issued on the project contract to extend the paving of the project approximately 2500 LF on Mono Way and some 700 LF on Sanguinetti Road from Mono to Greenley Road. Funding for this Change Order was from remaining City Gas Tax funds, and Tuolumne County Transportation Council - RSTP funding.

Onsite work on the project commenced during the beginning of August, 2017 and was largely completed in late November, 2017. There were some problems with the signal system operation and timing up until December 11, 2018 when the signal system was finally tuned up and fully operational.

Final Contract Amount for the project including 4 change orders and two deducts is \$1,314,797.00 as is summarized below:

Contract Summary:

Original Contract Amount	\$ 1,058,012.80
1 CCO#1 Raise Modified Backcurb along Greenley -added cost	\$ 7,280.00
2 CCO#2 Install Underdrain, Sidewalk drain, Subgrade Reinforcement	\$ 22,000.00
3 CCO#3 Mono Way Overlay Addition	\$ 206,540.00
4 CCO#4 Final Quantities Allowance Review- (net increase)	\$ 33,650.00
D1 Delete Overlay Preparation-Crack Seal from CCO#3	\$ (10,000.00)
D2 Signal System callouts (repairs) by others	\$ (2,685.00)
Final Contract Amount	\$1,314,797.00

Contract Change Orders (CCO) #1 and #2 were issued in September, 2017 after demolition of the Corner Gas building and during grading and layout of the project. Site conditions and grades were not as anticipated. Groundwater and rock conditions in the area of the demolition and widening of Greenley Road was encountered.

CCO #1 added 18" of height to the curbing at the back of the sidewalk along Greenley Road to account for the difference in grade between the sidewalk and the remaining carwash site.

CCO #2 added 180 LF of underdrain through the widened road area, a sidewalk drain and a reinforcing fabric to the subgrade, to drain the groundwater and to prevent future softening of the roadway area due to groundwater conditions.

CCO #3 is the major addition of the Mono Way and Sanguinetti Road paving overlay as approved by the City Council on October 16, 2017.

CCO #4 represents a review of 4 Allowance Items which were bid with the original project concerning overlay preparation, water/sewer service relocations, electrical service relocations, and the undergrounding of telephone and cable TV lines along Mono Way. In a review of time sheets and invoices for each of the items, the first three items above came in under their respective allowances, although the undergrounding work along Mono Way greatly exceeded its allowance. This was due to trenching in rock conditions, which included drilling and blasting, removal of large rocks and backfill. The net increase in contract cost is indicated for CCO#4 is as indicated above.

Item D1 is a deduction of cost for the Mono Way paving overlay. An Allowance item in the bid for this work concerning special overlay preparation and crack sealing became unnecessary upon a closer field review of the cracking.

Item D2 is associated with problems with the signal system programming, where we had to bring the City's Signal Maintenance Contractor to resolve the problems. The cost to the City is deducted from the amount paid to the project Contractor.

Along with this agenda item, a final progress payment in the amount of \$ 795,525.41 is being processed representing a total payment to date on the project of \$ 1,248,423.66

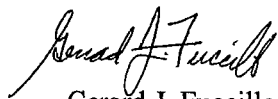
This final progress payment represents a final payment for the project less 5% retention for the entire project. The retention amount of \$ 66,374.14 will be released after a 35 day lien period commencing with the recording of a Notice of Completion with the Tuolumne County Recorders Office, and with assurance that all liens and claims have been satisfied.

All in all, George Reed, Inc did an excellent job on this project, and should be commended for all of the project work, and especially in including the Mono Way and Sanguinetti Road paving and striping with the other paving and striping work of the base project.

Attached to this report is a proposed Notice of Completion.

Recommendation:

It is recommended that the City Council accept the work of the contract with George Reed, Inc for the Greenley Road-Mono Way Intersection Project-Phase 2 as completed, and authorize the City Clerk to file a Notice of Completion with the Tuolumne County Recorder.


Gerard J. Fuccillo
City Engineer

Attachment:
Proposed Notice of Completion

Recorded at the Request of:

City of Sonora

When Recorded, Return to:

City Clerk
City of Sonora
94 N. Washington Street
Sonora, CA 95370

NOTICE OF COMPLETION

Notice is Hereby Given that The City of Sonora, a Municipal Corporation of the County of Tuolumne, State of California, accepted the bid of

George Reed, Inc

Whose address is:

140 Empire Avenue, Modesto, California 95354

For the following Project:

Greenley Road/Mono Way Intersection Project-Phase 2

on June 07, 20 17 .

Said Property is located in the City of Sonora, County of Tuolumne, and the County of Tuolumne, described as follows:

At the intersection of Greenley Road and Mono Way and along Greenley Road and Mono Way on public right of way in the City of Sonora.

Said Contract as a whole was substantially completed on December 11, 20 17 by the above contract bidder and accepted as complete by the Council of the City of Sonora at a regular meeting held on January 16, 20 17 .

Marijane Cassinetta, Sonora City Clerk

(Notary Acknowledgment follows)