



City of Grass Valley City Council Agenda Action Sheet

Title: Downtown Street Rehab Project - Authorization to Award Contract

CEQA: Categorically Exempt - Section 15301 "Existing Facilities"

Recommendation: That Council 1) award a contract for the Downtown Street Rehab Project to Hansen Bros Enterprises, 2) authorize the Mayor to execute the construction contract, subject to legal review, 3) authorize the City Engineer to approve construction change orders for up to 10% of the contract amount, 4) authorize the Finance Director to execute a budget amendment of \$400,000 in Water Funds to the project and 5) provide any further direction to Staff on final intersection and pedestrian safety controls.

Prepared by: Bjorn P. Jones, PE, City Engineer

Council Meeting Date: 04/08/2025

Date Prepared: 04/03/2025

Agenda: Administrative

Background Information: Over several meetings between August 2024 and January 2025, Council was offered the chance to provide input and direction on the upcoming street restoration project along the Main St and S Auburn St downtown corridors; the Downtown Street Rehabilitation Project. The project primarily involves pavement rehabilitation, sidewalk replacement and utility line replacements, along with pavement marking and other safety enhancements proposed for all the high traffic intersections.

The Engineering proposal to remove the traffic signal at the Main St and S Auburn intersection and revert to a four way stop control intersection was approved at the January 14, 2025 Council meeting. Engineering has also evaluated various pedestrian safety improvements including signage, flashing beacons, enhanced crosswalk markings, and increased lighting. Specifically, as designed in the project plans that were released for bidding, the improvements include the following treatments that Engineering would like to highlight to Council for any further direction:

- Stop control at both Main @ Mill and Main @ Auburn intersections would be identified with LED ringed stop signs similar to the exiting signs at the Mill St intersection. The flashing signs operate 24/7 and are subtle, yet effective in getting drivers' attention. No flashing beacons are currently proposed.
- Pedestrian awareness at all intersections would be stressed with MUTCD standard fluorescent yellow green pedestrian walking signs and arrow placards at the crossing locations. No rectangular rapid flashing beacons (RRFB) are currently proposed. The utility of these pedestrian activated flashing signs at stop controlled intersections is unproven and they are commonly used only at mid-block (uncontrolled) crossings. The higher pedestrian levels at these

downtown intersections leads to either the flashing beacons being activated repeatedly, with a tendency to be ignored by drivers, or conversely, not being activated by a number of pedestrians, such that their usefulness is irregular. Motorists will be stopping at the intersection, evaluating the environment before making a decision to proceed and the effectiveness of a sporadically activated flashing sign is diminished. Additionally, there were some concerns raised about added rapid flashing LED signs detracting from the ambiance in the downtown area. These signs could always be added in the future, however there is a cost consideration as well; recent projects have seen installation of a RRFB assembly exceed \$11,000 per unit.

- Crosswalk markings would use a two color, alternating longitudinal striped (“Continental” or “Zebra” style) resin coating to demarcate the pedestrian crossing areas. Engineering has found the continental style crosswalk to be the most effective in getting motorists’ attention of the pedestrian zones. However, the efficacy decreases over time as the asphalt (black) portion of crossing tends to fade or gray out, while the paint or thermoplastic (white) portion likewise gets worn down, such that the attention getting contrast between the two colors is diminished. Engineering has proposed a durable resin coating system, which is specified to be longer lasting than thermoplastic. By using an application of both white and red coatings, a vibrancy is created through the contrasting colors, which will be better maintained for many years. A sample of the proposed colors will be submitted for review and approval before final selection.
- Added streetlights at the Main @ Auburn intersection would increase area lighting at night for enhanced safety. New streetlights to match the antique style assemblies in place up and down Main St are proposed on all four corners of the intersection.

Bids were opened on April 3, 2025 and four bids were received. A bid summary is attached. Staff reviewed the low bid of \$2,415,093.00 submitted by Hansen Bros and determined the bid to be complete and responsive. Construction is expected to begin in Spring and be completed over the summer 2025. The majority of the more disruptive street and sidewalk work is expected to be performed at night to minimize daytime closures, although some inconveniences are inevitable on such a large scale project.

Staff requests that Council authorize award and execution of a contract for the Downtown Street Rehab Project to Hansen Bros Enterprises in the amount of \$2,415,093.00 and authorize the City Engineer to approve construction change orders for up to 10% of the contract amount. Authorization of a budget amendment of \$400,000 in Water Rate Funds to the project is also requested, as discussed in the Fiscal Impact Statement below.

Council Goals/Objectives: The street rehabilitation and associated improvements proposed execute portions of work tasks towards achieving/maintaining Strategic Plan Goals - Transportation, Water & Wastewater Systems & Underground Infrastructure

Fiscal Impact: The Downtown Street Rehabilitation Project is a combination of two street projects budgeting in the FY 24/25 CIP Budget with Measure E and RMRA funds; the S Auburn Street Renovation Project and the Main Street Sealing and Striping Project for a total of \$2,100,000. At the final stages of design, replacement of the City water

facilities along S Auburn St was added as a project component, with an engineer's estimated cost of approximately \$400,000. A budget amendment of \$400,000 in available Rate funds from the Water Line Replacement (Depot St, Cherry Ln) Project that will not be delivered this fiscal year, will fully fund the water improvements and the initial construction contract, plus approximately 3.5% in contingencies. Staff will evaluate added funding sources in the next budget cycle to finance construction change orders as necessary.

Funds Available: Yes

Account #: 300-406-63457

Reviewed by: City Manager

Attachments: Bid Summary