



Staff Report

February 13, 2024

TO: Honorable Mayor and Members of the Town Council
FROM: Merrill Buck, Town Engineer
RE: Engineering Division Status Update (Information only)

Update on noteworthy items in the Engineering Division.

PROJECTS IN CONSTRUCTION:

Sierra College Boulevard / Taylor Road Intersection Improvements Project

This project involves the widening of Sierra College Boulevard from Brace Road to Taylor Road from four lanes to six. The job has been shut down for winter and is expected to resume in April. Road widening and median island work along Sierra College Boulevard has been completed. Remaining work includes the reconfiguration of median islands on Taylor Road along with the road widening of Sierra College along the west side near Brace Road.

Welcome Sign at Taylor Road and Sierra College Boulevard

This project involves building a sign structure within the Union Pacific Railroad (UPRR) right of way at Taylor Road and Sierra College Boulevard. The project will be completed under two contracts, one for the sign structure and another to install the interior lettering and lighting. The project has been delayed in working out the insurance and approval process for a right of entry permit with the railroad. This has now been completed, and work is expected to begin once there's a break in the weather.

Sunrise Loomis Playground Replacement Project

This project will replace both play structures in Sunrise Loomis Park. Play equipment installation has been completed with just a couple small play elements remaining to install, that were on back order. Weather permitting, this work should finish up by the end of February with an anticipated grand opening in March.

2023 Rubberized Cape Seal Project

With the exception of some minor striping work that is outstanding, this project has been completed and should be ready to bring before the Council for acceptance in March.

PROJECTS OUT FOR BIDS:

Storm Drain Roadway Culvert Crossing Replacements at Various Locations

Town staff has identified approximately two dozen locations around town where 12-inch to 24-inch diameter corrugated metal pipes are at various stages of failure as they cross under the roadway. Many of the pipes have rusted-out bottoms, which over time, if not fixed, will create sink holes in the roadway, become blocked with debris, and restrict the flow of water. This project will remove and

replace these pipes with high-density polyethylene (HDPE) plastic pipe that is resistant to future corrosion. This project has been advertised for bids with a bid opening late February.

Landscape Maintenance Services

A Request for Bids to provide landscape maintenance services has been issued with proposals due at the end of February. Services will include mowing and groundskeeping of the Town's various parks and median islands over what is anticipated to be a three-year contract.

On-Call Engineering Services - Request for Qualifications (RFQ)

Much of the work performed by the Town's Engineering division is completed by using part-time, on-call professional consultants. It has been 5 years since contracts were issued for these services. A Request for Qualifications has therefore been issued with proposals due mid-February. Services being sought include civil engineering design, construction management and inspection, material testing, along with various staff augmentation services including development review, surveying, traffic engineering, CIP management, and inspection for grading permits and right of way improvements.

PROJECTS IN DESIGN:

Depot Shade Structures Project

Preliminary design concepts to implement shade structures around the Depot Building and Blue Anchor Park were developed and presented to Council in December. An update will be presented at the February meeting which now has a blend of both shade structures and new trees. After that, it is anticipated that the project will have enough clarity on scope that it can proceed to final design, bidding, and construction.

2024 Paving Project

Targeting an early 2024 construction, the Town has several street segments that are being programmed for an asphalt overlay. Most notable are Sierra College Boulevard at King Road and Brace Road immediately adjacent to Costco. Design is underway, to be completed and advertised this spring.

Sierra De Montserrat – Decomposed Granite Shoulder Rehabilitation

Staff is working on a project that will regrade portions of the eroded pathway beyond the edge of pavement along Rutherford Canyon Road. Other workload has prevented this project from being finalized, however, it should be ready to advertise for bids this spring.

Library Parking Lot ADA Improvements Project

Work involves re-grading the handicap parking stalls in the library parking lot and rebuilding the concrete pathway leading to the library's entrance so that the slopes are ADA compliant. The project will be advertised for bids this spring.

Downtown Baskets and Banners

A full year of seasonal banners are now in the Town's inventory which can continue to be displayed on the streetlight poles downtown. Come May, the Town will add to this by installing flower baskets on eight of the poles.

Humphrey Road Sidewalks / School Route Improvements

This project will construct curb, gutter and sidewalk to close a sidewalk gap of approximately 250 feet along the east side of Humphrey Road near King Road, along with constructing curb ramps and a

rapid rectangular flashing beacon at a crosswalk near H. Clarke Powers Elementary School. The scope of work on this project was included in an unsuccessful Active Transportation Program (ATP), Safe Routes to School grant application, and since it wasn't funded, it is now being pursued with Town funding. Due to workload capacity issues and unsuitability for construction during winter, this project is targeting spring construction.

On-Call Thermoplastic Striping Contract

This project will address some of the faded striping locations in Town that maintenance crews historically have gone out to repaint annually. Replacing these markings with melted thermoplastic material will make the new markings much more durable, thereby avoiding the need to repaint the lines for another 7-10 years. As part of this project, a three-year on-call contract will also be established that will allow the Town to paint other locations in Town, on an as-needed basis, under individual task orders. Due to workload capacity issues and unsuitability for construction during winter, this project is targeting spring construction.

STBG Paving Project (Brace Road and King Road Resurfacing)

The Town received \$318,000 in federal grant funding to resurface Brace Road from Sierra College Boulevard to the I-80 overpass, and King Road from Taylor Road to the I-80 overpass. The design for this work has started and is under review. As a federally funded project, a NEPA environmental clearance is required, along with the development of much more involved specifications incorporating Federal requirements. Construction is being targeted for late summer 2024.

2023 Tree Pruning Contract

The Town has completed two rounds of tree pruning contracts, for vehicle clearance along its major arterial and collector streets. One last round remains to be completed with an estimated \$200,000 worth of work. Due to workload capacity issues, this project has had a lower priority, and will be advertised early spring.

ADMINISTRATIVE ITEMS:

Adopt an Oak Tree Program

Utilizing funding from the Town's Tree Fund, collected as mitigation due to oak tree loss, a program is being developed that will allow Loomis residents to "adopt" an oak tree for planting on their property. Staff is also looking into the possibility of including a private-property oak tree pruning grant program with a 50/50 match, that would allow Loomis residents to get assistance on the cost of professional oak tree pruning, as another way of using the Tree Fund for oak tree preservation. Staff will bring this program forward to Council for approval at the March meeting.

Grant Reimbursement

Project reporting and reimbursement requests need to be completed on two projects for which the Town received grant funding - the Sunrise Loomis Playground project in the amount of \$175,000 and the asphalt rubber cape seal project in the amount of \$125,000.