



Staff Report

March 12, 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 remains 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 the median island on Taylor Road, the widening of Sierra College Boulevard along the west side near Brace Road, signal modifications at the intersection of Taylor Road and Sierra College Boulevard, which had a long equipment lead time, and the paving of the Taylor Road intersection approaches.

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. There has been quite a bit of coordination needed to work out the insurance and approval process for working in the railroad right of way. This has now been completed, and work will begin once there's a break in the weather.

Sunrise Loomis Playground Replacement Project

This project has been completed. Fencing was removed earlier this month, and the playground has been opened to the public. A "Ribbon Cutting" Ceremony to celebrate the new project has been scheduled for Saturday, March 16th at 10:00am.

2023 Rubberized Cape Seal Project

This project has been completed with all but minor punch list work remaining. A recommendation to accept the project will be brought to the Town Council in April.

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 with bids due at the end of March.

Landscape Maintenance Services

A Request for Bids to provide landscape maintenance services has been issued. 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. This contract should be ready to recommend an award of contract at the April Town Council Meeting.

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 was issued with services being sought including civil engineering design, construction management and inspection, material testing, along with staff augmentation services including development review, surveying, traffic engineering, CIP management, and inspection for grading permits and right of way improvements. Twenty-five proposals were received and are now under review.

PROJECTS IN DESIGN:

Depot Shade Structures Project

Preliminary design concepts to create shade around the Depot Building and Blue Anchor Park were developed and presented to Council in December and February. Final concept drawings will be presented at the March Council meeting incorporating feedback from these meetings. If approved, the project will proceed with the development of final plans, to put out for bids.

2024 Paving Project

Targeting an summer 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, Brace Road immediately adjacent to Costco, and skin patching and spot repair along Bankhead Road and Delmar Avenue. Design is underway, to be advertised in April.

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 be adding flower baskets to the downtown, on eight of the street light 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. Since the project wasn't selected, it is now being pursued with Town funds. Due to the unsuitability of building the improvements during winter, this project is targeting a summer 2024 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 of building the improvements during winter, this project is targeting summer 2024 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. A preliminary design and cost estimate for this work has been completed, and it was determined that only the Brace Road section could be completed within budget. King Road will therefore have to be programmed as part of a separate project. Construction is targeting the fall of 2024.

ADMINISTRATIVE ITEMS:

Adopt an Oak Tree and Oak Tree Pruning Programs

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, along with a program that will provide 50/50 matching grant funds to professionally prune oak trees on private property. Staff has included these programs on the March Council agenda for discussion.

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.