



## Staff Report February 14, 2023

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

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Update on noteworthy items in the Engineering Division.

### **EFFORTS ON HOLD OR COMPLETED:**

- **Highway Safety Improvement Grant (HSIP)** – An application was submitted for competitive grant funding that would provide safety improvements in the form of raised medians and lighting at the Sierra College/Taylor intersection, along with miscellaneous striping improvements consisting of high-visibility crosswalks and edge striping throughout town. Results are expected in February.
- **Regional Active Transportation Program (ATP) Grant** – An application was submitted for competitive grant funding that would complete sidewalk and bike lanes, along Humphrey Road and King Road, as gap-closures. Results are expected by the end of February.

### **PROJECTS IN CONSTRUCTION:**

#### ***Downtown Baskets and Banners***

Christmas banners have been removed and replaced with “We Love Loomis” banners which will serve as the “in-between” seasonal banner. Spring banners are being designed now, to go up in conjunction with spring flower baskets in April.

#### ***2022 Slurry Seal Project***

All of the slurry seal work has been completed, along with all of the striping. Staff is performing a punch list review of the work and measuring final quantities for payment. The project will be brought to the Town Council for acceptance in March.

#### ***Concrete Repair Project***

Work is underway and continuing. Additional work to repair the damaged concrete in Sunrise Loomis Park is being proposed as a change order for the Council to consider at their February Meeting. If approved, the project with this expanded work scope should finish by the end of March, weather permitting.

## **PROJECTS IN DESIGN:**

### ***New Taylor/Walnut Signal and Downtown Signal Interconnect***

This project will install a new signal at the Taylor Road/Walnut Street intersection along with an interconnect to the adjacent signals at Taylor/Horseshoe Bar, Taylor/King, and King/Switzer. The interconnect will allow for signal timing modifications that will coordinate green time to reduce congestion and improve traffic flow. The design on this project has started with an anticipated advertisement for bids at the end of 2024 to coincide with the availability of federal grant funding, that will be used to partially fund construction.

### ***Sunrise Loomis Playground Replacement Project***

Some of this project's work scope involves the replacement of broken or displaced sidewalk in Sunrise Loomis Park. This work is being recommended for completion as a change order to the Concrete Repair Project currently in construction. This leaves the replacement of one of the playgrounds, along with bench and table replacements, to be bid as a project this spring. The grant requires that all work be completed by December 31, 2023.

### ***Sierra College Boulevard Widening (Brace to Taylor)***

This project is moving forward with an advertisement for bids that targets an April 2023 start of construction. The environmental mitigation required under CEQA is proving to be quite challenging for this project, given that the grading work will permanently encroach into existing wetlands and riparian habitat. The project is anticipating construction delays to accommodate nesting birds, which are protected by law, along with delays in obtaining signal poles which have a 6 to 9 month procurement lead time. Given this, completion of the project is anticipated for January 2024.

### ***Library Parking Lot ADA Improvements Project***

Work involves regrading the handicap parking stalls in the library parking lot and rebuilding the concrete pathway leading to the library's entrance so that they are ADA compliant. Construction is anticipated for this spring.

### ***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. An initial funding level of \$30,000 was approved under the FY 2022-23 Capital Improvements Program. Outreach and program information materials have been developed. The next step is to seek pricing from local nurseries. Staff is targeting April 28, 2023 (Arbor Day) for the launch of the program.

### ***CalRecycle Rubberized Pavement Grant***

Moving forward following the Town's success with a competitive grant application that will reduce the cost of resurfacing with a rubber cape seal by about 15%, candidate streets were forwarded to the utility companies for preliminary coordination. The goal is to get the utility companies to complete any planned trench work ahead of the resurfacing. Because the grant allows for work over two years, any streets with conflicts will be resurfaced in the second year to give the utility companies time to complete their work.

## **MAINTENANCE DISTRICT ITEMS:**

### ***Sierra De Montserrat***

The restriping along Rutherford Canyon Road with a “bike buffer” has been completed, following and in conjunction with, the Town’s slurry seal resurfacing project. The buffer is a form of traffic calming which encourages slower speeds by reducing the travel lane from 12-feet to 10-feet. It also helps to separate vehicles from pedestrians using the pavement beyond the buffer.

Staff is also working on a project in this area that will regrade portions of eroded soil beyond the edge of pavement and hopes to have this under construction come summertime.

### ***Hunter Oaks***

Following a request submitted by several of the residents in Hunter Oaks, staff has been working with the Homeowner’s Association to design and install replacement landscaping along the subdivision’s Brace Road frontage. The large rock boulders placed in the back of the subdivision to serve as erosion control will be removed and reshaped into tiered rock walls with landscaping pockets. Two meetings have been held with the Homeowner’s Association to discuss concept-level design and plant selection. The Town is working with a landscape architect to finalize the plans and specifications, which should be ready to bid this spring.

## **ADMINISTRATIVE ITEMS:**

### ***Scanning Services***

Three proposals were received from scanning firms to convert all of the various large sized drawings in the Engineering Division to a digital format for archiving. Following a review of proposals, a contract is anticipated for award in March.

### ***Costco Frontage Improvements***

Frontage improvements to support the Costco development have been circulated for a final round of review comments and will be authorized under an encroachment permit. Work includes the widening of Sierra College Boulevard to accommodate additional right turn lanes along with the addition of a new signalized intersection on Sierra College Boulevard between Granite Drive and Brace Road. Costco has completed on-site tree removal, and will proceed with grading, that will be completed by the end of March.

### ***Rule 20A Undergrounding – Sierra College Boulevard (I-80 to Brace Road)***

Staff has been working diligently with PG&E on the necessary logistics behind undergrounding the power lines along Sierra College Boulevard adjacent to Costco. The necessary right-of-way has been dedicated, but before PG&E can start work, Costco needs to grade their frontage. The current schedule has PG&E starting work in April. Once initiated, the undergrounding work is estimated to take approximately 11 weeks to complete.