



**MEMORANDUM  
PUBLIC WORKS  
ENVIRONMENTAL ENGINEERING DIVISION**  
County of Placer

**TO:** Honorable Board of Supervisors **DATE:** January 25, 2022  
**FROM:** Ken Grehm, Director of Public Works  
**BY:** Brandon Thurber, P.E., Senior Civil Engineer  
**SUBJECT:** Approve Plans and Specifications & Authorize to Advertise for Construction Bids / Sewer Maintenance Districts 1 and 2 Lift Station Improvement Project

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**ACTION REQUESTED**

Approve Plans and Specifications for the Sewer Maintenance Districts 1 and 2 Lift Station Improvement Project (Project Numbers: Joerger Road Lift Station PJ01064, Sylvan Glen Lift Station PJ00175, and Winterhawk Lift Station PJ01422) with a combined estimated construction cost of \$473,675, and authorize the Director of Public Works, or designee, to advertise for construction bids with funding from the respective Sewer Maintenance District user fees.

**BACKGROUND**

Placer County owns and operates sewage pumping stations throughout the various sewer service areas. These pumping stations require periodic upgrades to replace aging infrastructure and maintain a reliable pumping system. Three of these projects, located in Sewer Maintenance Districts 1 and 2, were combined to assist in obtaining more competitive construction bids. The project improvements listed below are intended to bring the three lift stations up to current design standards. Staff completed the Plans and Specifications for all Projects and will be separately acquiring new pumps and control systems for each station. The background related to each project is described below:

**Joerger Road Lift Station**

The Joerger Road Lift Station, located on Joerger Road in Auburn, was originally constructed in 1981 as part of the Bell Road Sewer Project in Sewer Maintenance District 1 (SMD 1) and provides service to approximately 33 Equivalent Dwelling Units (EDU). Since 1981, upgrades to the station have only included a force main realignment and a wood-framed building to serve as chemical injection tank storage. The building and many other components of the lift station, including the pumps and control systems, have deteriorated and reached the end of their useful service life.

The Joerger Road Lift Station Improvement Project (Joerger Project) includes the following improvements to the lift station; a new pre-engineered wood-framed pump house building, site improvements to improve parking and access, and replacement of the aging pumping and control equipment. Plans and Specifications for the proposed Project were completed and the Project was advertised to bid during FY2019-20. Received bids were rejected due to exceeding available project funding. The scope of work is now revised, and additional funding is provided to complete the work.

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### **Sylvan Glen Lift Station**

The Sylvan Glen Lift Station, located at the end of Sylvan Glen Drive in Auburn, was originally constructed in 1988 to serve the Sylvan Glen Subdivision in SMD 1 and provides sewer service to 75 EDUs. A separate contract was approved during FY 2017-18 for drainage, access, and ingress/egress improvements. Many components of the lift station, including the pumps, control systems, and pump house have deteriorated and reached the end of their useful service life.

The Sylvan Glen Lift Station Improvement Project (Sylvan Glen Project) includes the following improvements to the lift station; a new pre-engineered wood-framed control building, new pump house, new pump termination cabinet to meet current fire protection code, and replacement of the aging pumping equipment.

### **Winterhawk Lift Station**

The Winterhawk Lift Station, located along Winterhawk Lane in Sewer Maintenance District 2 (SMD 2) in Granite Bay, was originally constructed in 1994 to serve the Winterhawk Subdivision and provides sewer service to 39 EDUs. Many components of the lift station, including the pumps and control systems, have deteriorated, and reached the end of their useful service life.

The Winterhawk Lift Station Improvement Project (Winterhawk Project) includes the following improvements to the lift station; a new pump termination cabinet to meet current fire protection code, new asphalt concrete pavement, new conduit for future high speed internet connection, and replacement of the aging pumping and control equipment.

In order to proceed, staff recommends your Board approve the Plans and Specifications for the three projects, on file with the Clerk of the Board, and authorize staff to solicit bids. After completion of the bidding process, staff will return to your Board with a recommendation for award and execution of the contract. The Project is expected to be completed by October 20, 2022.

## **ENVIRONMENTAL IMPACT**

### **Joerger Road Lift Station**

A Notice of Exemption (NOE) was filed for this project on April 10, 2020 finding the project exempt from further CEQA review pursuant to Section 15301, Existing Facilities, and Section 15302 of the CEQA guidelines, Replacement or Reconstruction. Section 15301(b) includes repair, maintenance, and minor alterations of existing public or private facilities involving negligible or no expansion of use. Section 15302(c) specifically refers to projects that consist of replacement or reconstruction of existing utility systems or facilities located on the same site and of substantially the same purpose or capacity. There will be no expansion of use or capacity as a result of this project. No new ground disturbance is expected.

### **Sylvan Glen Lift Station**

A Notice of Exemption (NOE) was filed for this project on April 27, 2018 finding the project exempt from further CEQA review pursuant to CEQA Guidelines Section 15302(c), Replacement or Reconstruction. Section 15302(c) specifically refers to projects that consist of replacement or reconstruction of existing utility systems or facilities involving negligible or no expansion of capacity. There will be no expansion of use or capacity as a result of this project. No new ground disturbance is expected.

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**Winterhawk Lift Station**

Pursuant to Sections 15301(b),(d), Existing Facilities, and 15302(c) of the CEQA Guidelines, Replacement or Reconstruction, this project is exempt from further CEQA review; a Notice of Exemption will be filed. Section 15301(b) specifically refers to minor alteration of existing facilities or mechanical equipment which does not result in an expansion of the existing use and specifically applies to the operation of existing publicly owned facilities. Section 15301(d) specifically refers to restoration/rehabilitation of deteriorated facilities or mechanical equipment to meet current public health and safety standards. Section 15302(c) specifically refers to projects that consist of replacement or reconstruction of existing utility systems or facilities involving negligible or no expansion of capacity and where the new structure will be located on the same site as the structure replaced. The project will not result in an expansion of the facility.

**FISCAL IMPACT**

The estimated costs for each individual improvement project are summarized below. To reduce costs, Staff purchased certain equipment prior to awarding contracts, additionally some improvements were already completed by Staff.

**Joerger Road Lift Station**

The Engineer's Estimate for the construction of the Joerger Road Lift Station Improvement Project is \$210,250. Additional funds will be transferred into Capital Project PJ01064 at the time of award to fund construction, construction management and related costs and contingencies.

**Sylvan Glen Lift Station**

The Engineer's Estimate for the construction of the Sylvan Glen Lift Station Improvement Project is \$158,250. Additional funds will be transferred into Capital Project PJ00175 at the time of award to fund construction, construction management and related costs and contingencies.

**Winterhawk Lift Station**

The Engineer's Estimate for the construction of the Winterhawk Lift Station Improvement Project is \$105,175. Capital Project PJ01422 has \$250,000 which is anticipated to be sufficient for construction, construction management, and related costs and contingencies.

**ATTACHMENTS**

None

On File with Clerk of the Board: 90% Plans, Specifications, and Estimates

