



Agenda Date: 2/20/2019

Agenda Placement: 8A

## Napa Sanitation District Board Agenda Letter

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**TO:** Honorable Board of Directors

**FROM:** Timothy Healy - General Manager  
NS-Technical Services/Engineer

**REPORT BY:** Andrew Damron, Technical Services Director - 707-258-6000

**SUBJECT:** Receive Presentation from Staff on the Browns Valley Trunk Project (CIP 14703) and Provide Direction, as Appropriate

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### **RECOMMENDATION**

Receive presentation from staff on the Browns Valley Trunk Project (CIP 14703) and provide direction, as appropriate.

### **EXECUTIVE SUMMARY**

Bids were opened for the Browns Valley Trunk Project on January 22, 2019. Five (5) bids were received. The engineer's estimate for the project was \$18,600,000. Bids received ranged from \$23,331,631 to \$32,355,555.

Since the low bid is approximately \$4.7 million more than the engineer's estimate, NapaSan's planned budget would be impacted by awarding the bid. Staff is currently evaluating the bids and options for the project and will provide a presentation to the Board at the February 20, 2019 meeting.

### **FISCAL IMPACT**

Is there a Fiscal Impact? No

### **ENVIRONMENTAL IMPACT**

NapaSan approved the project and adopted a Mitigated Negative Declaration on February 15, 2017 by Resolution

2017-006 which included rehabilitation of the West Napa Pump Station. NapaSan adopted an Addendum to the Mitigated Negative Declaration on February 28, 2018 by Resolution 2018-005 which included replacement of the West Napa Pump Station.

## **BACKGROUND AND DISCUSSION**

The Browns Valley Trunk Project is proposed as an interceptor trunk project to divert wastewater flows from neighborhoods in West Napa and south of Napa Creek in a new pipeline. The alignment of the proposed trunk pipeline starts on Browns Valley Road near Thompson Avenue, flows east on Browns Valley Road, south on Freeway Drive, crosses the highway near Old Sonoma Road, east on Old Sonoma Road, south on Jefferson Street, east on Sycamore Street, south on Franklin Street, east on Spruce Street, and south on Coombs Street to the West Napa Pump Station. The new trunk pipeline will range in size from 15-inches to 48-inches. The purpose of the project is to divert wastewater flows away from existing pipes in downtown and areas south of downtown that area that are over capacity during peak wet-weather events. The project will decrease sanitary sewer overflows, provide additional sewer capacity to development areas (First Street west of the highway; downtown development), and provide an increase level of service to the basin.

During large storms, the existing sewer mains surcharge which causes sanitary sewer overflows at the intersection of Pine and Monroe Streets which require a staffed bypass pumping in wet weather. There are other typical overflow locations on and near Browns Valley Road during wet-weather events.

The scope of the project includes the following:

- 1,500 LF (0.3 miles) of 48" diameter trunk main,
- 4,600 LF (0.9 miles) of 30" diameter trunk main,
- 2,000 LF (0.4 miles) of 24" diameter trunk main,
- 7,300 LF (1.4 miles) of 15" diameter trunk main,
- 60 Pre-cast manholes,
- Highway crossing of SR29 near Old Sonoma Road,
- Pavement overlay in a portion of Freeway Drive, and
- Trench paving.

Staff conducted extensive outreach for the project during the design phase and incorporated solutions to concerns into the design and contract. Outreach activities included community meetings with residents, individual meetings with businesses along the proposed pipeline route (including the Factory Stores), planning and coordination meetings with the City of Napa Public Works Department and Water Division, discussions and coordination with other stakeholders (including NVTA, Napa Recycling).

Work on the project began with an alignment study in 2014. Based on the results of the alignment study, the pipeline design started in 2016. NapaSan originally planned to start construction of the project in 2017 but extended the project design and outreach schedule to take advantage of SRF funding opportunities.

## **SUPPORTING DOCUMENTS**

None

Napa Sanitation District: Approve

Reviewed By: Timothy Healy