

May 7, 2024

Dawn Grantham  
General Manager  
**CRESTLINE SANITATION DISTRICT**  
24516 Lake Drive  
Crestline, CA 92325

**RE: Proposal for Engineering Services for the Hillside Stabilization for the Seeley Plant Access Road**

Dear Ms. Grantham:

Albert A. WEBB Associates (WEBB) is pleased to provide you with this proposal for Engineering Services related to the Hillside Stabilization Project for the Seeley Plant Access Road. The existing access road inside the gate at the Seeley Treatment Plant is showing failing asphalt and the perimeter fence is beginning to lean out. According to CSD staff, there is a communications cable and a buried electrical line within the access road. Both of these utilities are critical for the operation of the plant. This access road is used by trucks for deliveries and hauling away sludge on a weekly basis as well as daily access to the plant by the operations team. In addition, a gravity water supply line from a nearby well located outside the perimeter fence on the edge of the slope has already failed. Below the access road, the down slope appears to be slowly eroding away putting the access road at risk. The slope and access road need to be stabilized to protect the access to the site and key utility lines. The proposed work includes extending the site survey to cover the access road and slope, a geotechnical investigation focused on the access road, and an evaluation process to select the appropriate stabilization method. A separate proposal will be submitted for the preparation of design plans and specifications to implement the selected method.

Final Design, Bidding Support and Construction management, inspection and engineering support services during the construction phase are excluded at this time. We would anticipate the final design work may be combined with the final design of the slope protection for the clarifier.

The anticipated scope of work is as follows:

- Extend the topographic survey to include the project area on the existing mapping, (by Ozone).
- Perform a geotechnical investigation for the current soil condition for the access road (by Converse Consulting).
- Perform a site visit with the entire design team.
- Plot existing facilities from record maps and as-builts (no potholing).
- Evaluate methods for stabilizing the hillside and access road, reducing the risks of further erosion and repair the access road.
- Evaluate environmental impacts of the proposed methods. (no special studies included at this stage of evaluation)
- Prepare an Engineer's estimate of probable construction cost for various repair methods.
- Hold coordination meeting with CSD staff on project status and design reviews.
- Prepare a technical memorandum with options and recommendations.

- Project Management and meetings.

The total amount requested for these services is **\$49,504**, not to be exceeded without prior authorization. Because the root cause of the slope failure and the recommended repairs are unknown at this time, the District may want to allocate 10% – 15% additional budget for any unforeseen circumstances or services which may be needed during the implementation of the project.

Preparation of final plans, specifications, CEQA studies, CEQA documents, bid support and permitting is excluded at this time as the proposed repairs and associated footprint are not known at this time. Construction management, inspection and engineering support services during the construction phase are also excluded. Other services not specifically listed above are also excluded. If additional services are deemed necessary during the course of this project phase, WEBB will submit a request for additional authorization at that time.

If you find this proposal acceptable, please notify our office so a contract agreement can be prepared. We appreciate this opportunity to be of service to your firm and look forward to hearing from you. If you have any questions regarding this proposal, please contact us at 951-686-1070.

Sincerely,

**ALBERT A. WEBB ASSOCIATES**



Bradley A. Sackett, P.E.  
Senior Engineer



Bruce Davis, P.E.  
Senior Vice President

Attachment: Fee Estimate





# Hillside Stabilization for Seely Access Road - Preliminary Design Crestline Sanitation District

Item	Description	Bruce A. Davis, Principal II	Shane Bloomfield, Principal II	Tyler J. Vigneault, Assistant V	Alexandra N. Frey, Project Coordinator	Joseph C. Caldwell, Principal II	Cheryl Degano, Principal II	Total Hours	Subtotal - Labor	Sub-consultant budget	Expenses	Total/task	Total/task <sup>1</sup>
	Billout Rate	\$ 312	\$ 312	\$ 196	\$ 141	\$ 312	\$ 312						
<b>Task 1 - Investigations</b>		<b>12</b>	<b>18</b>	<b>3</b>	<b>8</b>	<b>6</b>	<b>47</b>	<b>\$ 12,063</b>	<b>\$ 34,673</b>	<b>\$ 50</b>	<b>\$ 46,786</b>	<b>\$ 46,786</b>	
1.1	Survey and Mapping							\$ -	\$ 1,725			\$ 1,725	
1.2	Geotechnical Investigation							\$ -	\$ 28,348			\$ 28,348	
1.3	Site Visit	4		1			5	\$ 1,389	\$ -	\$ 50		\$ 1,439	
1.4	Plotting of Utilities		2				4	\$ 674	\$ -			\$ 674	
1.5	Evaluate stabilization methods	4	8		4	4	20	\$ 5,312	\$ 4,600			\$ 9,912	
1.6	Prepare technical memorandum	4	8		4	2	18	\$ 4,688	\$ -			\$ 4,688	
<b>Task 2 - Project Management and Meetings</b>		<b>1</b>	<b>5</b>	<b>6</b>	<b>6</b>	<b>12</b>	<b>12</b>	<b>\$ 2,718</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ 2,718</b>	
2.1	Kick off Meeting							\$ -	\$ -			\$ -	
2.2	Coordination Meetings (2)		2	4			6	\$ 1,188	\$ -			\$ 1,188	
2.3	Project Management	1	3	2			6	\$ 1,530	\$ -			\$ 1,530	
<b>Total</b>		<b>1</b>	<b>17</b>	<b>18</b>	<b>9</b>	<b>8</b>	<b>59</b>	<b>\$ 14,781</b>	<b>\$ 34,673</b>	<b>\$ 50</b>	<b>\$ 49,504</b>	<b>\$ 49,504</b>	

1. Rounded to the nearest \$1.