



Geotechnical Engineering
Engineering Geology
Storm Water Management
Construction Observation & Testing Services

June 5, 2017

Mr. Tim Morgan, Manager
Vista Tassajara HOA
563 Leisure Street
Livermore, CA 94551

Re: Proposal to Provide Geotechnical & Geological Services During Construction Phase
Hillview Drive Landslide Repair, Danville, California
SFB Proposal No.: 768.pro2

Mr. Morgan:

Stevens, Ferrone & Bailey Engineering Company, Inc. (SFB) is pleased to submit this proposal to provide geotechnical and geological services during the construction phase of the Hillside Drive Landslide Repair project. SFB has prepared plans, specifications, and a supporting geotechnical investigation report for the repair of the hillside located above Hillview Drive within the Vista Tassajara HOA in Danville. The purpose of SFB's services during the construction phase of the project will be to provide the Vista Tassajara HOA with quality assurance including observing, testing, and documenting the implementation of our recommendations and the plans and specifications. Our onsite work will allow us to provide supplemental or revised recommendations in the event subsurface conditions different than those described in our report are encountered and/or if there is a need to modify plans, specifications, or details shown on the repair plans. We are not responsible for misinterpretation of our recommendations or misinterpretation of the repair plans, specifications, and details. The long-term stability of the repair area is highly dependant upon the proper implementation of the Hillview Drive slope repair plans. Below is an outline of our recommended scope of work.

1. **Construction Support:** Provide technical support during construction and attend pre-construction meetings with Town of Danville and selected contractor to clarify technical requirements.
2. **Contractor Document Review:** Review, comment, and provide consultations and recommendations (as needed) related to contractor's drawings, documents, and change orders during construction.
3. **Geological Inspections and Mapping:** Perform part-time inspections during over-excavation of landslide and construction of keyway. As-built map subdrain locations. Perform inspections of surrounding ground surface for evidence of movement.

4. **Geotechnical Construction Observation and Testing:** Perform geotechnical construction observation and testing on a part-time basis during earthwork including keyway and benching construction, subdrain installation, compaction testing, and surface drainage installation. Perform supporting laboratory compaction curves. Document construction activities and tabulate compaction testing results. Monitor and report on contractor's SWPPP activities.
5. **Construction Report:** Prepare one construction summary report which would also include as-built maps and results of compaction tests.

All of SFB's work will be performed in accordance with the previous agreement dated March 21, 2017 between SFB and the Vista Tassajara HOA and executed by you on March 22, 2017. We estimate our fees will range from approximately \$25,000 to \$30,000 per month during the construction phase of the project. Therefore, our costs are dependent upon the length of time the contractor takes to complete the project.

SFB does not have control over the contractor's schedule or competence. Therefore, estimates given prior to the beginning of construction are made in good faith based on our experience with similar projects. Our estimates may not coincide with the actual construction schedule, progress, nor reflect the final scope of our involvement. Under no circumstances is it our intent to superintend, supervise, or direct the contractors or contractor's workers. Nor are we responsible for the contractor's accomplishments. Our field representatives would be on-site *only* to provide the owner with a continuing source of professional advice, opinions, and recommendations based upon our field representative's observations and testing of the contractor's work.

The following items are not included in our scope of work and costs: (1) additional field or office services due to wet weather, unforeseen natural site conditions, retesting as a result of substandard workmanship by the contractor, or requests for repeat observations or tests, or increased level of observation and testing required by Town of Danville representatives, (2) increased costs generated by substantial changes to project design or scope of work, (3) observations or tests in relation to the detection of toxic waste or potentially contaminated or corrosive soil, either on-site or import, and (4) overtime costs due to work by the contractor after normal construction hours (typically 4 PM) or on weekends and holidays. Such charges, if warranted, will be charged at overtime rates per the previously agreed upon Schedule of Charges, and such surcharges will be in addition to the initial cost estimate presented above.

Stevens, Ferrone & Bailey Engineering Company, Inc.
Hillview Dr Landslide, 768-1.pro2
June 6, 2017

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If you agree with the scope of work and estimated costs described in this proposal, please complete the form below and return the form to me. If you have any questions concerning this proposal, please contact me.

Sincerely,
Stevens, Ferrone & Bailey Engineering Company, Inc.



Kenneth C. Ferrone, PE, GE, CEG
President



Copies: Addressee (1 by e-mail)

Scope of Work and Fee Acceptance

If you approve of this proposal's scope of work and estimated costs, please complete the form below, and sign and return one copy of this proposal to our Concord office at your earliest convenience. All of SFB's work will be performed in accordance with the previous agreement dated March 21, 2017 between SFB and the Vista Tassajara HOA and executed by you on March 22, 2017. All work will be performed on a Time and Materials basis in accordance with the Schedule of Charges included in our March 21, 2017 agreement.

Client Name
(Printed):

ALEX PRUND (PRESIDENT)

Date:

7/6/2017

Signature:



Address:

563 Leisure Street
Livermore, CA 94551

Telephone:

925-454-1987