



September 13, 2019
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Ms. Jill Mercurio
City of San Pablo
13831 San Pablo Avenue
San Pablo, CA 94806

Re: Proposal for Geotechnical Services
Slope Monitoring and Evaluation
Hillcrest Road Parcel
San Pablo, California

Introduction

Per our recent discussion, we are pleased to propose our geotechnical engineering services regarding continued monitoring of existing inclinometers and piezometers located in the slope behind Princeton Plaza commercial development area. Surface and subsurface movement is occurring within a previously repaired landslide area and underlying native bedrock. We installed 5 inclinometers in the area in January of 2011 and have been monitoring slope movement. As of March 2018, nine inclinometers were able to be read at full depth, and an additional two are being monitored in the upper portion above the sheared point which are rendered no longer readable. Water pressures from seven piezometers are also being measured.

The purpose of our services is to continue to monitor the depth and rate of subsurface movement. Based on our understanding of the project, we recommend the following scope of services.

Monitoring

We will perform inclinometer and groundwater readings on all 11 inclinometers and piezometers 2 times per year to monitor the lateral movement and groundwater levels of the slope. We will plot the inclinometer data after each subsequent reading and submit a brief letter summarizing the results of our monitoring.

Fee Estimate and Agreement

We will provide our services on a time and expense basis in accordance with the attached Schedule of Charges. Accordingly, we estimate that our fee for the scope of services outlined above would be approximately as follows:

Task 1 – Monitoring Budget Est. \$4,000 per reading
2 per year x 2 years (4) = \$16,000

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We trust that this provides the information required at this time. If you or others have further questions, please do not hesitate to call. When you wish to proceed, please provide us with your authorization to proceed under our master agreement with City of San Pablo.

Yours very truly,

MILLER PACIFIC ENGINEERING GROUP

A handwritten signature in black ink, appearing to read 'S. Stephens', with a long horizontal flourish extending to the right.

Scott A. Stephens
Geotechnical Engineer 2398
(Expires 6/30/21)

Attachments: Schedule of Charges

