



VIBRATION MONITORING

In the past week, many Captiva residents were concerned with a letter that was sent out by Seismic Surveys, Inc. regarding vibration monitoring. This letter described the project activities, likely schedule, the monitoring program, and contact information if a property owner has questions or does not wish to participate in the monitoring program.

An initial visual assessment of the exterior of each of the structures has been performed by a vibration control specialist to assess each structures vibration sensitivity.

No structures adjacent to this work have been identified as extremely sensitive to vibrations. Upon completion of construction, each structure surveyed prior to construction will be surveyed to the extent of the pre-construction survey. Any changed conditions or damages observed will be photographed and summarized in a report.

Great Lakes Dredge and Dock, CEPD's contractor for the beach renourishment project, hired Seismic Surveys, Inc. as a sub-contractor to handle the necessary monitoring duties related to the beach renourishment project. Property owners will not have to pay for these services as it is part of the project. A sample of the letter that was sent is attached to the end of this document.

Please, call the CEPD office with any questions concerning the renourishment project at (239) 472-2472.

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July 16, 2021

Subject: **LETTER TO OWNERS – CAPTIVA ISLAND RENOURISHMENT PROJECT, CAPTIVA EROSION PREVENTION DISTRICT, FLORIDA (SSI JOB NO. 21-7156)**

Dear Owner / Authorized Representative:

We are contacting you concerning the above referenced Captiva Island Renourishment Project near your property. Beachfill operations are associated with this project. Work on the beach with construction equipment will likely begin as early as mid-August 2021. Construction work is expected to continue 24 hours a day, 7 days a week until completion. As part of this contract, a vibration monitoring program will be conducted during construction. Seismic Surveys, Inc. (SSI) will perform this monitoring.

SSI is an independent, third-party consulting firm that has been engaged by Great Lakes Dredge and Dock Company as part of the above referenced project, to conduct pre- and post-construction surveys of the buildings and improvements that are adjacent to the project. These surveys are being offered for specific buildings near the site. SSI will perform the survey at no cost to you.

Pre-construction surveys are conducted to document the visible conditions of your building and associated improvements prior to the start of adjacent construction operations to form a basis of discussion and resolution of any concerns that may arise from these activities. The construction operations are not expected to have any impact on your building. This survey is a precautionary measure used to protect all parties involved.

The pre-construction survey will involve an exterior visual observation of your building with photographic and written documentation of the various building materials and pre-existing cracks that are visible during the survey. If you have any specific items of concern related to your building, please bring them to the attention of our surveyor. Upon completion of the work, each structure will be re-surveyed to make sure there are no impacts from the construction project.

During construction operations, seismic monitoring equipment will be used to measure ground vibration. Normally these monitors are set up at the closest structures to the active work. There are safe vibration standards based on decades of research by federal agencies and private consultants that will be used to protect your building from vibration impacts. However, even safe levels of vibration can be noticeable to occupants of nearby buildings. This perceptibility is quite normal.

At this time, we request your permission to perform the required survey. Please call the SSI scheduling department at 1.888.250.6566 to schedule an appointment or indicate your permission to perform the pre-construction survey on the enclosed form. Please return the form to us via email to requests@seismicsurveys.com. If you have questions or concerns regarding the project or the monitoring program, please call SSI at 888.250.6566. If you do not wish to be included in the monitoring program, please contact us. For general project questions, please contact Daniel Munt at dmunt@mycepd.com.

Sincerely,

SEISMIC SURVEYS, INC.

**Response to Pre-Construction Survey Offer
Captiva Island Beach Renourishment Project
Captiva Erosion Prevention District, Florida
SSI Job No.: 21-7156**

NAME: _____

ADDRESS: _____

TELEPHONE NO.: _____ EMAIL: _____

Survey Options:

- I would like to schedule an exterior survey.
- SSI has my permission to conduct an exterior survey at any time (property owner's presence during the exterior survey is optional).
- No, thank you. I do not wish to accept the survey offer.

Vibration Monitoring:

- SSI has my permission to install a vibration monitor on my property (property owner's presence during installation is optional).
- No, thank you. I do not want a vibration monitor installed on my property.

I have the following concerns:

Owner/Resident/Authorized Representative Signature_____
Date Owner Resident Authorized Representative

For Office Use Only

SSI ID NO.: _____

No response was received after three contact attempts. An exterior only survey was performed from publicly accessible areas.

Comments:

Seismic Surveys, Inc. Surveyor Signature_____
Date

Please scan and return via email to requests@seismicsurveys.com.