



Notice of Offer for Pre-Construction Surveys, Vibration Monitoring, Crack Gauge Monitoring and Settlement Monitoring at Robinson Terminal North 500 and 501 North Union Street

Dear Sir or Madam –

In anticipation of the start of Demolition of the existing above grade structures and grading of the property to address floodplain issues at Robinson Terminal North, Seismic Surveys, Inc. (SSI), on behalf of the Owner, Alexandria North Terminal, L.L.C., will be conducting pre-construction surveys of the surrounding properties and are offering you the opportunity to participate in the surveying and monitoring. While surveying and vibration monitoring is not required per the Conditions of the approved Robinson Terminal North DSUP application with the City of Alexandria until the start of vertical construction, which is planned for the first or second quarter of 2017, the Owner has elected as a precaution to offer to survey all buildings within 250 feet of the Robinson Terminal North property in advance of this first phase of development and to continuously monitor all vibration produced from the demolition and FEMA grading work conducted on the site.

SSI will be onsite conducting surveys starting Monday, June 13 through Friday, June 17. SSI will perform the survey at no cost to you. The surveys are conducted to document the visible conditions of your building and associated improvements prior to the start of Demolition/Construction operations at Robinson Terminal North to form a basis of discussion and resolution of any concerns that may arise from these activities. The Demolition/Construction operations are not expected to have any impact on your building. This survey is a precautionary measure used to protect all parties involved. If you would like to have your home or property surveyed, please call SSI to schedule an appointment at **1-888-250-6566**.

The pre-demolition/construction survey will involve an interior and exterior 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 the surveyor. We encourage and request that you accompany our representative so that you may receive the best possible survey in the time available. For your information, here is a detailed summary of the surveying and monitoring work to be performed:

Task 1 – Pre-Construction Surveys

- SSI will conduct a visual survey of the overall condition of the designated structures, both exterior and interior. Defects observed during the survey will be documented with digital

imagery captured with a digital SLR camera and/or digital video camera along with notes, measurements and sketches.

- Pre-existing cracks identified during the surveys will be documented as to their location and approximate dimensions. The visual surveys will be completed in the readily accessible areas of the structures and will not include areas covered by pictures, furniture or other obstructions.
- Crack monitoring gauges will be installed on large cracks identified during the pre-construction surveys and will be read with a caliper monthly to assess any changes.

Task 2 – Vibration Monitoring

- SSI will develop a written Structures Monitoring Plan (SMP) to address the potential impacts of vibrations transmitted from demolition and construction activities. The plan will establish safe ground vibration threshold limits for controlling these effects. Crack gauge and settlement monitoring will also be discussed in the SMP. The safe vibration standards are 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.
- Three unattended engineering seismographs will be installed and operated by SSI adjacent to the site and will be used to measure vibrations transmitted during demolition and construction to demonstrate compliance with the threshold limits presented in the SMP.
- Each seismic station will be equipped with a cellular modem for communication. If vibrations reach or exceed established project thresholds, then a text message or email will be sent to alert designated project personnel.
- In addition to vibration monitoring, Settlement Monitoring Points will be established as leveling strips on the corners of specified adjacent buildings to the site and monitored throughout the process. All settlement monitoring will be through optical survey methods with a Total Station Theodolite.

Again, if you would like to participate in the survey, please contact SSI to schedule an appointment. For additional information, you can also call Russ Wheeler with CityInterests at (202) 670-1204 or Frank Craighill with CityInterests at (202) 417-6315. Thank you.

Sincerely,

Alexandria North Terminal, L.L.C.