



Date: July 31, 2017
To: Patrick H. West, City Manager *T.H.W.*
From: *CB* Craig A. Beck, Director of Public Works
For: Mayor and Members of the City Council
Subject: **Citywide Underground Survey 2017**

A private survey group is performing an underground mapping survey throughout the City (see attached map). The purpose of the survey is to map underground conditions beneath the City's surface, to help identify additional oil reserves.

The survey will be done in two phases. The first phase will calibrate 3,000 underground sensors located in the City's streets and parkways. Green markings may be added to some parkways as a method of identifying potential future sensor locations. This phase is estimated to take six weeks and will not impact pedestrian or vehicular traffic.

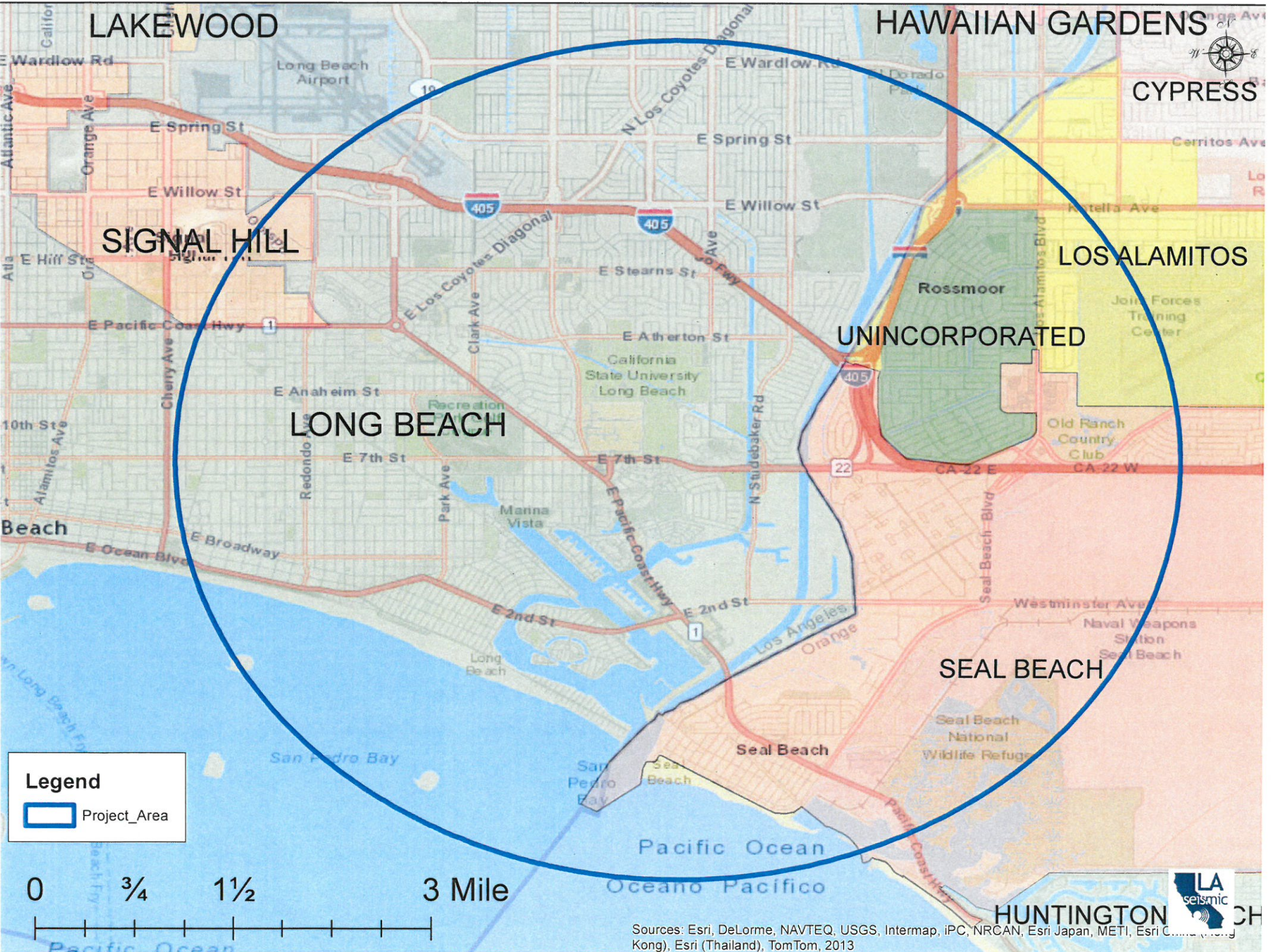
Phase Two will begin in September 2017 and consist of underground mapping of pre-selected streets. The underground mapping process is performed by a slow-moving caravan of three trucks and a police escort. This phase will temporarily impede pedestrian and vehicular traffic, and a permit will be required for coastal zones. Phase Two is expected to take six weeks to complete.

This type of underground survey has occurred in the past in Long Beach. New technology and methods have been developed over the past several years. While we did receive some complaints in the past, with new technology and methods in place we expect the testing will have a minimal impact on the public. We have confirmed with other cities that have performed this testing recently that no major community impact was reported. Residents with questions or concerns regarding the survey can contact Public Works at (562) 570-5133 or LA Seismic at (562) 208-2922.

If you have any questions regarding this matter, please call Sean Crumby at (562) 570-6695.

ATTACHMENT

CC: CHARLES PARKIN, CITY ATTORNEY
LAURA L. DOUD, CITY AUDITOR
TOM MODICA, ASSISTANT CITY MANAGER
KEVIN JACKSON, DEPUTY CITY MANAGER
REBECCA JIMENEZ, ASSISTANT TO THE CITY MANAGER



LAKEWOOD

HAWAIIAN GARDENS

CYPRESS

SIGNAL HILL

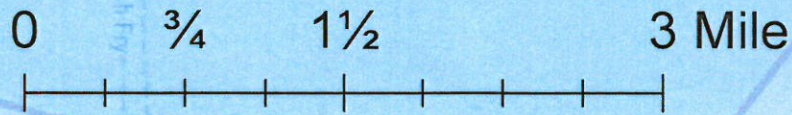
LOS ALAMITOS

LONG BEACH

UNINCORPORATED

SEAL BEACH

Legend
Project_Area



Sources: Esri, DeLorme, NAVTEQ, USGS, Intermap, iPC, NRCAN, Esri Japan, METI, Esri (China), Swire Hong Kong, Esri (Thailand), TomTom, 2013

HUNTINGTON BEACH
LA seismic