

**MURRAY LOGAN CONSTRUCTION LLC.**

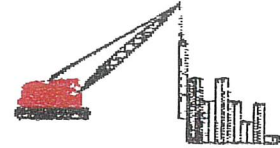
**General Contractors**

313 65TH TRAIL NORTH  
WEST PALM BEACH, FLORIDA 33413  
TELEPHONE (561) 686-3948  
FAX (561) 686-7465

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**RECEIVED**

By Town of Palm Beach, Planning Zoning & Building Dept. at 11:07 am, Apr 11, 2022



4-11-22

Seagate Capital Construction  
Attn.: Josh McAlees

Re.: 1540 So Ocean Blvd Tunnel Project /Under So Ocean Blvd.

Mr. McAlees,

We are very pleased to be part of the tunnel project with your company. Murray Logan Construction has constructed numerous pedestrian tunnels in Manalapan and has extensive experience working on other similar large box culvert projects thru out South Florida. We also have a very long history going back 40 years working in and for the Town of Palm Beach. We recently completed the Town Mariana project with a very critical and aggressive schedule on time and with no major resident complaints.

This tunnel project has been well thought thru and is planned to minimize the disturbance to neighboring residences and Town citizens in general. These plans include never shutting down the road to thru traffic and only for a short time requiring one lane open with flagmen. The maintenance of traffic and lane work will be always governed by Florida Department of Transportation rules and specifications along with Town ordinances.

The work will only be conducted during daylight hours per the Town's ordinance with no 24-hour work required. Most important the biggest problem with this type of construction is the noise and vibrations felt by the adjacent neighbors. The largest producer of noise and vibration is always the installation and the extraction of the steel sheet piles required to shore the open excavation for safety of our personnel and the public.

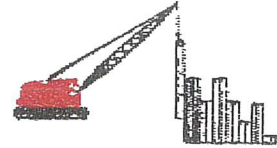
For this project we will take extra ordinary steps to eliminate the source of this noise and vibration by utilize the "push in" method of installation. This Giken method employs special equipment which can pre-auger and hydraulically push the sheeting into place. The power pack for the equipment is self-contained in a sound dampening enclosure, this specialized equipment reduces the noise and vibration by 10 to 12 times the usual methods of using a vibratory hammer to install the sheeting. This will ensure there will be no damage to adjacent structures.

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I have included two pictures to demonstrate the Giken push in method being utilized where no vibrations were allowed. The first is of Lantana Beach seawall project showing the Giken equipment installing sheeting 35' long sheets directly in front of the restaurant on site. The restaurant stayed open serving lunch while the sheeting was installed directly in front of it. The second is in Ocean Ridge showing the sheeting being installed by Giken next to two homes, one not on foundation piling. The sheets were 40' long installed into rock. Both homes were occupied during installation and zero damage to either home occurred.

Summarizing the most important measures that will be taken to ensure the neighbors and citizens of Palm Beach the very least amount of disturbance is:

- Planning to ensure a smooth project
- South Ocean Blvd will remain open to thru traffic for the length of project.
- Traffic MOT per FDOT standards.
- No 24-hour work required, all work during normal daylight hours.
- Utilizing the special Giken equipment to install /extract sheeting with no vibration, loud noise, or damage to neighbors.

Please let me know if you have any question or would like additional information. We look forward to the completion of this tunnel project with as little inconvenience to the Town of Palm Beach and its residents as possible.

Sincerely,

*Edward O'Leary VP*

Edward O'Leary  
Vice President







