



UNDERGROUNDING TODAY FOR A BETTER TOMORROW



Town of Palm Beach
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NEXT UNDERGROUND UTILITIES TASK FORCE MEETING

Thursday, January 5, 2017 - 9:00 am
Town Council Chambers
360 South County Road, Palm Beach

DID YOU KNOW...

11 of the 12 main power feeds to the Town of Palm Beach are located under the Intracoastal Waterway?

AT&T and Comcast also serve the Town with communication cables located under the Intracoastal Waterway. Underground power and communication cables are waterproof. The surrounding groundwater keeps the cables cool thereby increasing their efficiency!

FACTS ABOUT UNDERGROUNDING

KEEPING RESIDENTS AND PROPERTY OWNERS INFORMED WITH THE CORRECT INFORMATION ABOUT THE UNDERGROUNDING OF UTILITIES PROJECT.

FACT 1

The cost of running utility lines from the transformer to residents' homes is part of the Undergrounding Project budget. Property owners are not individually responsible for the installation costs of this service line.

FACT 2

The interior wiring of residents' homes will not have to be redone with the conversion to underground utilities.

FACT 3

FPL performed an inspection of the single-family homes in Phase 1 of the program and found no issues with meters that would prevent conversion to the underground system.

FACT 4

Palm Beach already has 380 ground level transformers in service in Town that have been operational for many years. This proves that ground level transformers can be used successfully on barrier islands.

FACT 5

FPL currently maintains over 30 miles of underground wiring in the Town of Palm Beach. AT&T and Comcast maintain similar lengths of underground cables in the Town. This proves that underground electrical and communication wiring can successfully deliver power, telephone and cable service to customers on a barrier island.

Underground Utilities Task Force Update

The Task Force reviewed and discussed recommendations for choosing the Undergrounding Project Delivery Method. A Project Delivery Method is a system utilized by owners and public agencies to manage how a project will advance from concept to construction. The Task Force examined methods that:

- ✓ protect Palm Beach property owners
- ✓ make sure timelines are met
- ✓ keep costs low
- ✓ ensure a responsive, attentive and high level of service

Ultimately, the Task Force recommended that the undergrounding program use the Construction Manager at Risk, Best Value method of project delivery for the individual phases of the undergrounding program.



Undergrounding Of Utilities Project Status

Phase 1 North and South → Moving Forward

To provide an undergrounding design that reduces the risk of conflicts with existing underground utilities, the Project Team is determining where existing utilities are located and survey that location. Industry experts call this process a Subsurface Utility Assessment (SUA). This is generally conducted using Ground Penetrating Radar (GPR) and a limited number of small excavations called “soft digs.” Currently, both the GPR investigation and the soft digs have been completed for Phase 1 North (Onondaga Avenue to the Inlet) with Phase 1 South (Sloan’s Curve south) to be completed within the next couple weeks.



Pictures provided by Inframap, one of the undergrounding project team members.

UNDERGROUNDING AND TRAFFIC PLAN PALM BEACH IS PREPARED!

The Undergrounding Project Team has developed a Transportation Management Plan (TMP) to coordinate traffic impacts related to both undergrounding and other Town projects to minimize impacts to the residents and businesses.

Using the latest GIS and mapping technology, the TMP puts in place guidelines and procedures to mitigate traffic during construction. These guidelines will help the Town coordinate traffic and other impacts during the undergrounding project.



NEWS YOU MAY HAVE MISSED...

Palm Beach Daily News

THE SHINY SHEET®

LAKE TOWERS' UTILITY BURIAL COMPLETION EARNS PRAISE

The Lake Towers condominium building just completed its own conversion to underground utilities, with administrative help from the town, and its residents are happy with the process and the result, said McDonald, board president of the building at 250 Bradley Place.

Palm Beach Daily News | November 28, 2016

ABOUT 600 LOSE POWER IN SEASPRAY AVENUE AREA

About 600 residents were without power Tuesday evening after a truck hit a power line. A town alert issued Tuesday evening said a truck hit a “power line” and “de-energized” it. The outage affected the area of Seaspray and Seabreeze avenues between Coconut Row and County Road.

Palm Beach Daily News | November 16, 2016

READ THE FULL STORIES AT: [HTTP://UNDERGROUNDING.INFO/NOTICES/](http://undergrounding.info/notices/)

Equipment Locations Delivered Ahead of Schedule

At the direction of the Underground Utilities Task Force, the Undergrounding Project Team has proactively worked to complete tasks and milestones ahead of schedule which has expedited the undergrounding project timeline.

- ✓ FPL has completed and delivered their recommended equipment locations for Phase 1 of the program. AT&T and Comcast are now working on determining their equipment locations for Phase 1.
- ✓ The feeder study conducted by FPL for master planning of the project has been completed. The feeder study indicates where major backbone utility lines will be located throughout the Town. Similar studies have also been completed by AT&T and Comcast for their significant infrastructure needs.