

Miami-Dade Water and Sewer Department's Government Cut Utility Relocation Projects

PROPOSED PROJECT:

The Miami-Dade Water and Sewer Department's Government Cut Utility Relocation Project has been procured as a Design-Build job. It is comprised of two pipeline relocations:

- **54-inch wastewater force main relocation** - The existing 54-inch force main underneath Government Cut between Fisher Island and south of the City of Miami Beach (in-water) will be replaced and deepened with approximately 1,200 feet of new 54-inch force main installed via micro-tunnel trenchless technology.

- **20-inch water main relocation** - The existing 20-inch water main underneath Fisherman's Channel between Port Island and Fisher Island will be replaced and deepened with approximately 850 feet of new 24-inch water main installed via micro-tunnel trenchless technology. The project also provides for an alternative method of horizontal directional drilling (HDD) technology for the water main replacement.

PROPOSED PROJECT PURPOSE:

The new deeper location of the water and wastewater mains will allow for the dredging of the shipping channel into the Port of Miami. The deeper channel will enable larger ships to access the port as a result of the planned Panama Canal Expansion, scheduled for completion in August 2014. The U.S. Army Corps of Engineers is scheduled to begin the Federal Navigation Channel Dredging Project in 2012, to deepen Government Cut and Fisherman's Channel. Once the port is dredged, the Port of Miami will be able to accommodate the new generation of larger "Post-Panamax" ships serving as the first U.S. port of call for ships traversing an expanded Panama Canal in 2014.

PROPOSED PROJECT SCHEDULE:

Construction Start	August 2011
Construction Completion	December 2012

*Please note that this construction schedule is subject to change.
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