



41 ST WATER MAIN REPLACEMENT PROJECT

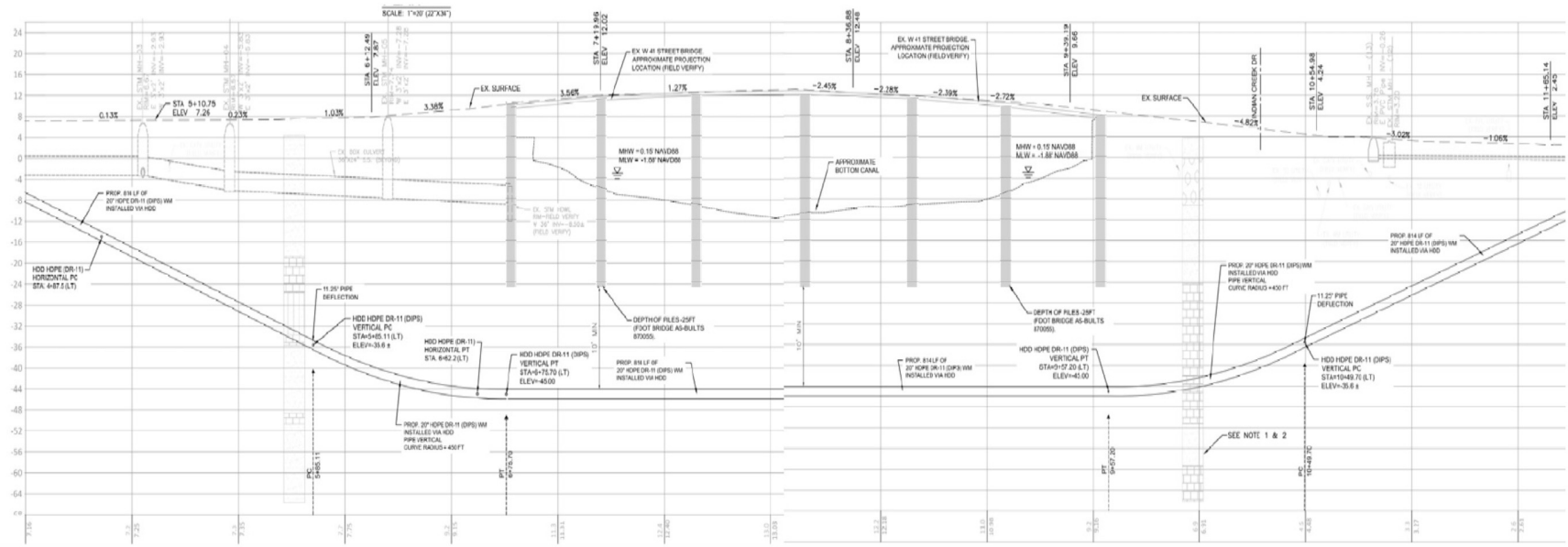
CITY OF MIAMI BEACH / PUBLIC WORKS



MIAMI BEACH

PROJECT OVERVIEW

- The City is replacing the aerial water main along 41 Street between Pine Tree Drive and Collins Avenue.
- The 41 Street Water Main Replacement Project involves the installation of a new 20-inch pipe using directional drilling techniques. The project's location spans from Pine Tree Drive to Collins Avenue. This upgrade from the current 16-inch water main is designed to meet the expected increase in demand and support the area's future growth.
- The new pipe will be installed by Horizontal Directional Drill (HDD). Which is a trenchless method used to install underground pipelines with minimal disruption to the surface.



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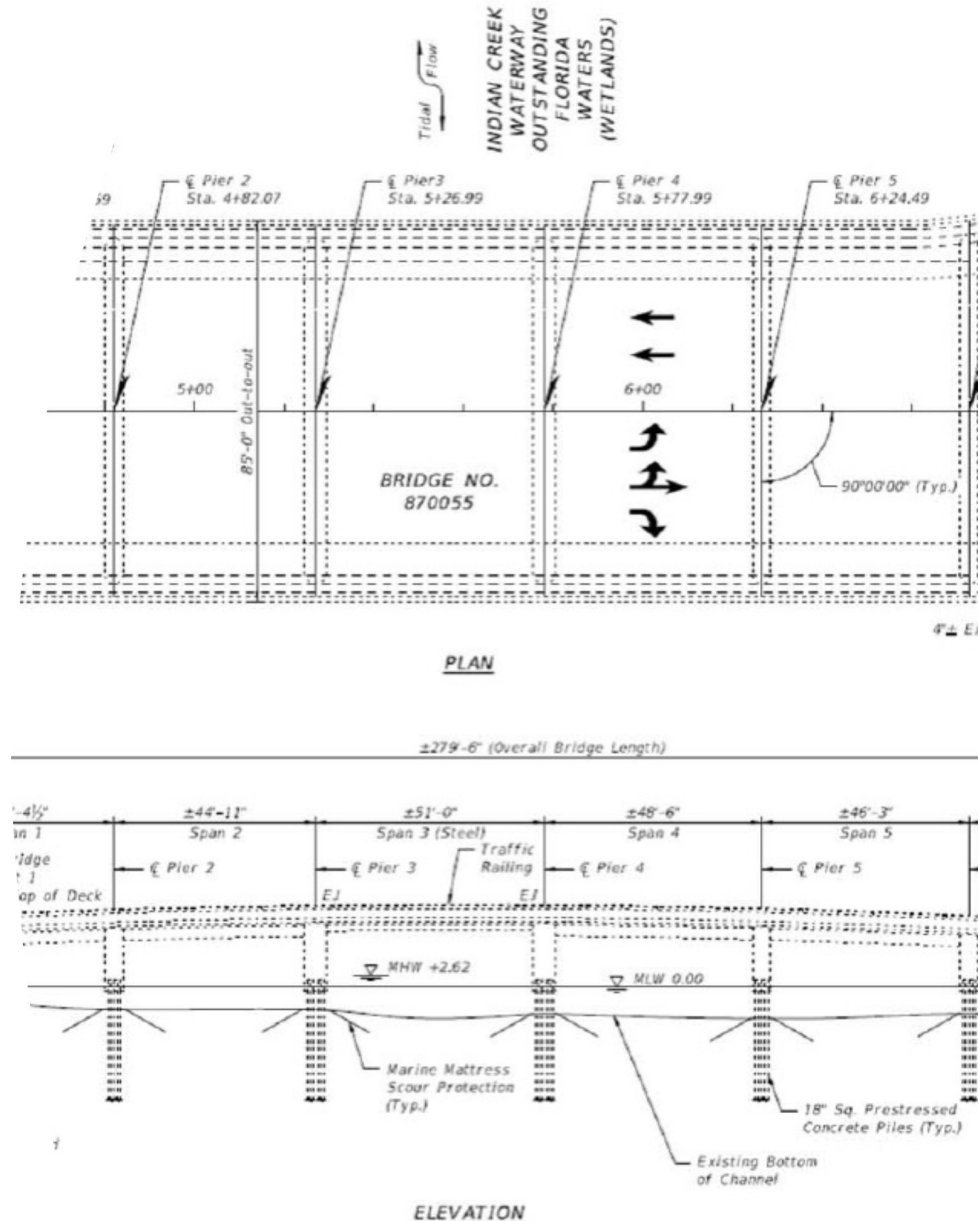
PROJECT NECESSITY

- This pipe segment is critical to the neighborhoods and identified as a critical project in the City's Water Master Plan and is 100% funded by the City of Miami Beach.
- Pipe was installed in 1963.
- Its urgent replacement is an absolute priority.



FDOT BRIDGE REHAB PROJECT

- FDOT requested that the City remove the aerial water main to perform the repairs.
- FDOT will be making repairs to SR112-W 41 Street over Indian Creek Waterway Outstanding Florida Waters (WETLANDS).
- This project demonstrates collaboration between the City of Miami Beach and FDOT.



MAINTENANCE OF TRAFFIC PLANS

Variable message boards alerting drivers of the construction and recommending alternate routes.



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MAINTENANCE OF TRAFFIC PLANS

Detour signs will be placed directing drivers to 23 Street and 63 Street to avoid the construction zone.



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PHASE 1: PINE TREE TO INDIAN CREEK

APRIL 22 – MAY 22 / SCHEDULES MAY CHANGE DUE TO WEATHER OR UNFORESEEN CIRCUMSTANCES



► Maintenance of Traffic (MOT) Phase 1

41 ST WATER MAIN REPLACEMENT PROJECT

PHASE 1: INDIAN CREEK TO 41 STREET END

APRIL 22 – MAY 22 / SCHEDULES MAY CHANGE DUE TO WEATHER OR UNFORESEEN CIRCUMSTANCES



► Maintenance of Traffic (MOT) Phase 1



41 ST WATER MAIN REPLACEMENT PROJECT

PHASE 1: PINE TREE DRIVE TO 41 STREET END

APRIL 22 – MAY 22 / SCHEDULES MAY CHANGE DUE TO WEATHER OR UNFORESEEN CIRCUMSTANCES

Scope: Install Maintenance of Traffic (MOT) and drill equipment, fuse pipe, drill pilot hole and make necessary passes to enlarge the diameter of the borehole.

Temporary Traffic Pattern Changes

- 41 Street westbound between Pine Tree Dr. and Indian Creek Dr. will be reduced to one lane.
- 41 Street westbound between Indian Creek Dr. and Collins Ave. will be closed to westbound traffic. Detour will be provided.
- 41 Street from Collins Ave. east to the street end (Beachwalk) will be closed to local traffic only.
- Indian Creek Dr. southbound from 41 Street to 44 Street will be reduced to two lanes: one right turn only lane and one straight/left turn lane.

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DIRECTION DRILL EQUIPMENT (ENTRY)

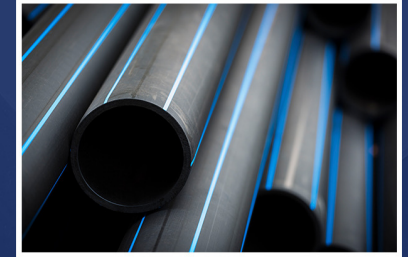
- There will be construction noise due to equipment.
- Work hours will be from 7 a.m. to 6 p.m.
- Traffic pattern changes will be 24 hour during the entire project. This is due to the size of the equipment and the open excavations.



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PIPE FUSING AND STORAGE

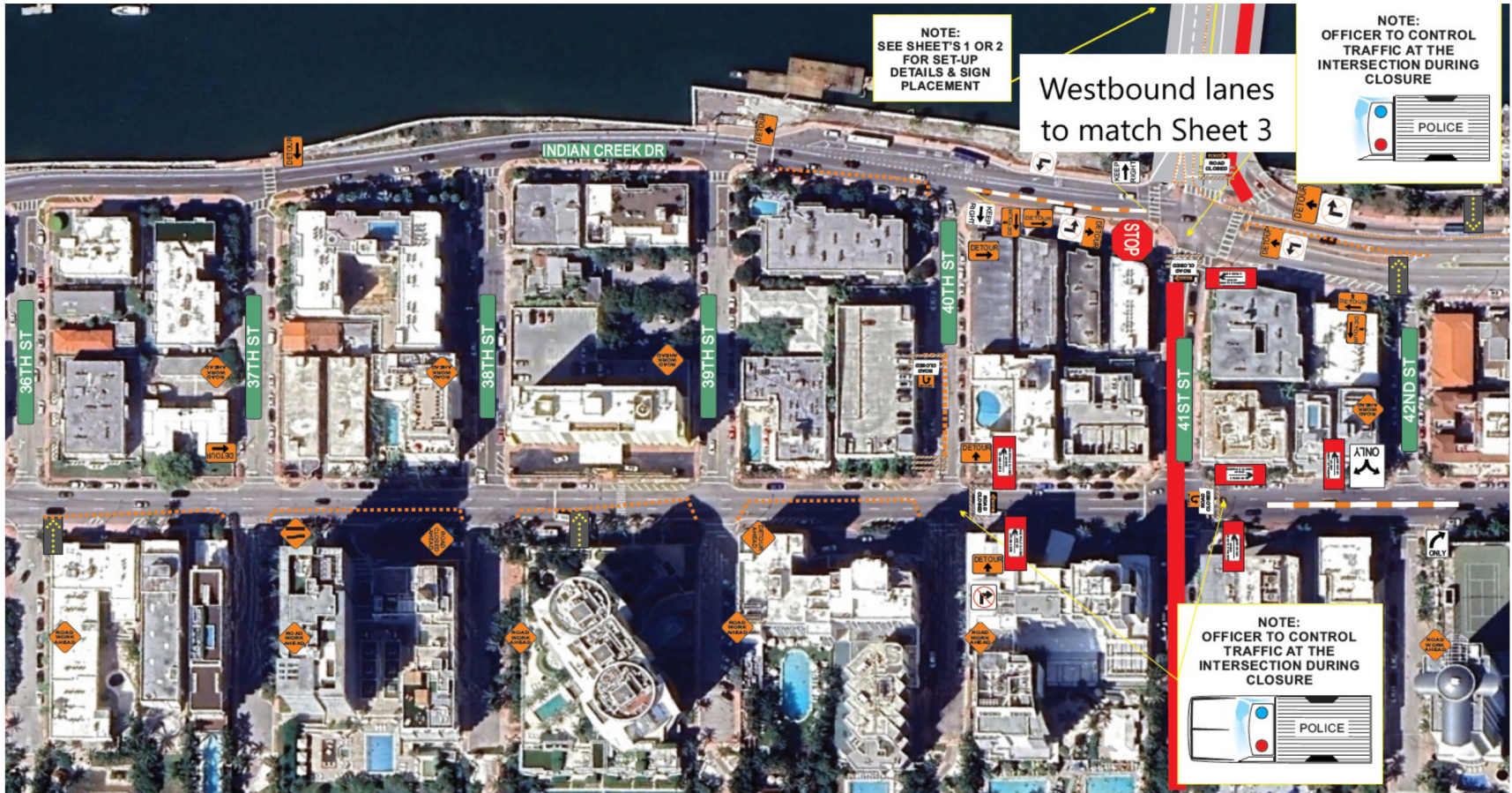
WHAT TO EXPECT



41 ST WATER MAIN REPLACEMENT PROJECT

PHASE 2: INDIAN CREEK TO 41 STREET END

MAY 22 – MAY 24 / SCHEDULES MAY CHANGE DUE TO WEATHER OR UNFORESEEN CIRCUMSTANCES



41 ST WATER MAIN REPLACEMENT PROJECT

PHASE 2: PINE TREE DRIVE TO 41 STREET END

MAY 22 – MAY 24 / SCHEDULES MAY CHANGE DUE TO WEATHER OR UNFORESEEN CIRCUMSTANCES

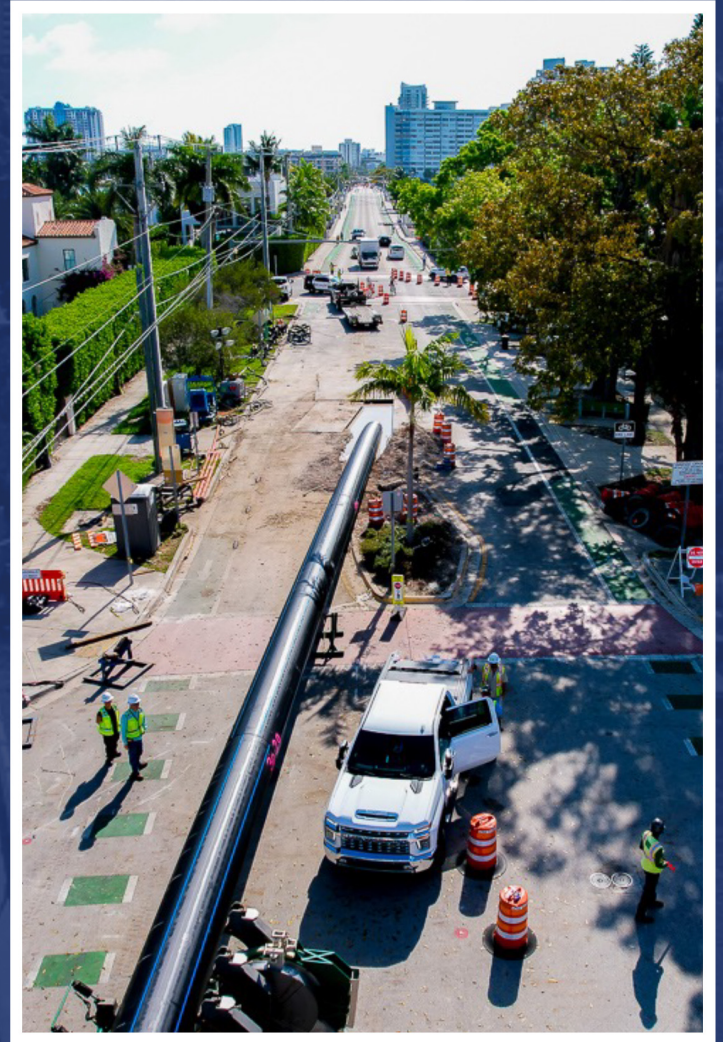
Scope: Pipe pullback and drill equipment demobilization.

Temporary Traffic Pattern Changes

- 41 Street westbound between Pine Tree Drive and Indian Creek Drive will be reduced to one lane.
- 41 Street from Indian Creek Drive to the east street end (Beachwalk) will be closed to all traffic.
- Collins Avenue at 41 Street intersection will be closed to all traffic. Detour will be provided.
- Indian Creek Drive from 40 to 41 Street will be reduced to one lane northbound and one lane southbound.
- Indian Creek Drive southbound from 41 to 44 Street will be reduced to two lanes: one right turn only lane and one straight/left turn lane.

PIPE PULL BACK

WORK WILL TAKE PLACE 24/7 UNTIL PIPE IS INSTALLED



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PHASE 3: PINE TREE TO INDIAN CREEK

MAY 28 – SEP 16 / SCHEDULES MAY CHANGE DUE TO WEATHER OR UNFORESEEN CIRCUMSTANCES



► Maintenance of Traffic (MOT) Phase 3

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PHASE 3: PINE TREE DRIVE TO 41 STREET END

MAY 28 – SEP 16 / SCHEDULES MAY CHANGE DUE TO WEATHER OR UNFORESEEN CIRCUMSTANCES

Scope: Pipe installation, tie-in connections, tests and road/sidewalk restoration.

Temporary Traffic Pattern Changes

- 41 Street westbound between Pine Tree Drive and Indian Creek Drive will be reduced to one lane.
- 41 Street between Indian Creek Drive and Collins Avenue will be closed to westbound traffic. Detour will be provided.
- Indian Creek Drive southbound from 41 to 44 Street will be reduced to one straight/turning lane.



PUBLIC COMMENT

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STAY IN TOUCH

VISIT OUR PROJECT PAGE TO STAY CONNECTED

MIAMIBEACHFL.GOV/41-STREET-WATER-MAIN-REPLACEMENT-PROJECT



Download the presentation, re-watch the meeting and view project materials.



Sign up to receive project updates via email.



Ask questions to the project team using the contact form on our page.

CONTACT

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Scan the QR code to view the project page.



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