

Horizontal Directional Drilling

LAKE WORTH BEACH LAGOON BEACH -TIE CROSSING HORIZONTAL DIRECTIONAL DRILLING RE-BID FOR CITY OF LAKE WORTH BEACH

April 26, 2026

Staff Report

The IFB has retained an experienced contractor to perform horizontal directional drilling (HDD) for the installation of two power conduits and one telecommunications conduit beneath the Lake Worth Lagoon, creating a redundant 26kV electric distribution and fiber optic pathway between Bryant Park and the Casino Complex. Installation of the 26kV conductors will be procured separately.

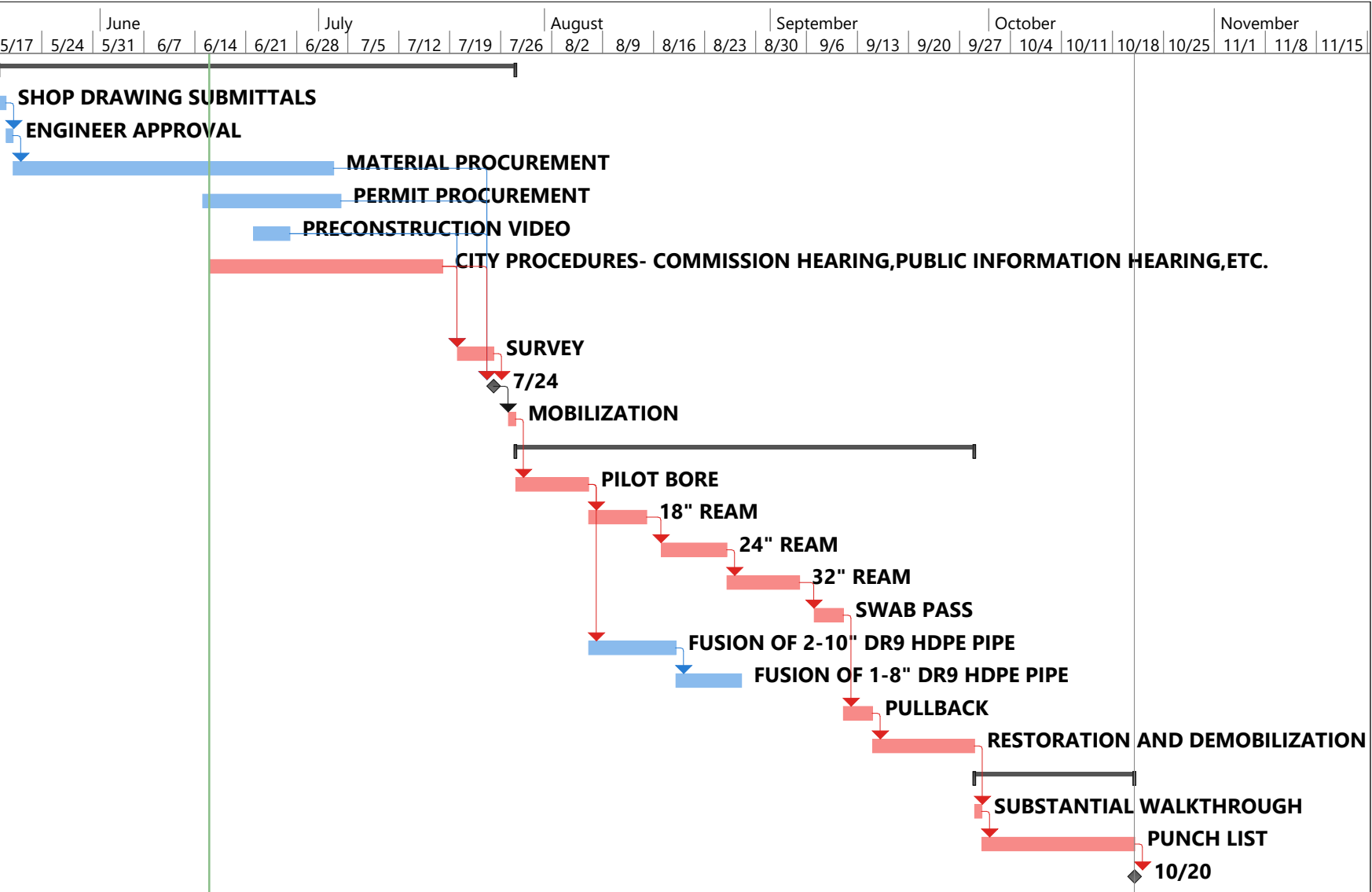
This project supports the City's Electric Utility System Hardening and Reliability Improvement Program (SHRIP), funded through bonds issued in 2025, and will replace reliance on aging 4kV power conductors currently located on the lagoon floor that serve the Casino Complex and other utility customers.

The City received three qualified bids. After evaluation, ADS, Inc. (Accurate Drilling Systems) was determined to be responsive, compliant, and in the City's best interest. Staff has awarded a Construction Services Agreement to ADS, Inc. to complete the HDD installation.

**Lake Worth Lagoon
Under Seabed Conduit
Beach Tie**



ID	Task Name	Duration	Start	Finish	Predecessors	2026																2027													
						5/10	5/17	5/24	5/31	6/7	6/14	6/21	6/28	7/5	7/12	7/19	7/26	8/2	8/9	8/16	8/23	8/30	9/6	9/13	9/20	9/27	10/4	10/11	10/18	10/25	11/1	11/8	11/15		
1	PREWORK	51 days	Mon 5/18/26	Mon 7/27/26																															
2	SHOP DRAWING SUBMITTALS	1 day	Mon 5/18/26	Mon 5/18/26																															
3	ENGINEER APPROVAL	1 day	Tue 5/19/26	Tue 5/19/26	2																														
4	MATERIAL PROCUREMENT	32 days	Wed 5/20/26	Thu 7/2/26	3																														
5	PERMIT PROCUREMENT	15 days	Mon 6/15/26	Fri 7/3/26																															
6	PRECONSTRUCTION VIDEO	5 days	Mon 6/22/26	Fri 6/26/26																															
7	CITY PROCEDURES- COMMISSION HEARING, PUBLIC INFORMATION HEARING, ETC.	24 days	Tue 6/16/26	Fri 7/17/26																															
8	SURVEY	5 days	Mon 7/20/26	Fri 7/24/26	6,7																														
9	NTP	0 days	Fri 7/24/26	Fri 7/24/26	8,6,5,4,7																														
10	MOBILIZATION	1 day	Mon 7/27/26	Mon 7/27/26	9																														
11	CONSTRUCTION	45 days	Tue 7/28/26	Mon 9/28/26																															
12	PILOT BORE	8 days	Tue 7/28/26	Thu 8/6/26	10																														
13	18" REAM	6 days	Fri 8/7/26	Fri 8/14/26	12																														
14	24" REAM	7 days	Mon 8/17/26	Tue 8/25/26	13																														
15	32" REAM	8 days	Wed 8/26/26	Fri 9/4/26	14																														
16	SWAB PASS	4 days	Mon 9/7/26	Thu 9/10/26	15																														
17	FUSION OF 2-10" DR9 HDPE PIPE	8 days	Fri 8/7/26	Tue 8/18/26	12																														
18	FUSION OF 1-8" DR9 HDPE PIPE	7 days	Wed 8/19/26	Thu 8/27/26	17																														
19	PULLBACK	2 days	Fri 9/11/26	Mon 9/14/26	16																														
20	RESTORATION AND DEMOBILIZATION	10 days	Tue 9/15/26	Mon 9/28/26	19																														
21	PROJECT CLOSEOUT	16 days	Tue 9/29/26	Tue 10/20/26																															
22	SUBSTANTIAL WALKTHROUGH	1 day	Tue 9/29/26	Tue 9/29/26	20																														
23	PUNCH LIST	15 days	Wed 9/30/26	Tue 10/20/26	22																														
24	FINAL COMPLETION	0 days	Tue 10/20/26	Tue 10/20/26	23																														



Project: INTRACOASTAL BASELINE
Date: Tue 6/16/26

Task

Inactive Task

Manual Summary Rollup

External Milestone

Manual Progress

Split

Inactive Milestone

Manual Summary

Deadline

Milestone

Inactive Summary

Start-only

Critical

Summary

Manual Task

Finish-only

Critical Split

Project Summary

Duration-only

External Tasks

Progress

Lake Worth Lagoon Beach Tie
Crossing CASINO COMPLEX



BORE PIT

TEMPORARY FENCE
AROUND WORK
ZONE

Contractor Equipment & Trucks will enter
and exit from South end of Parking Lot



**Lake Worth Lagoon
Beach Tie Crossing
BRYANT PARK**

**Road / Path Closed for
Duration of Project**

BORE PIT

**TEMPORARY FENCE
AROUND WORK ZONE &
CONDUIT LAYOUT ZONE**

**CONDUIT FUSING
LAYOUT ZONE**