

Project 19361: Terra Mar Drive Bridge Improvements

Prime Consultant:	CITY OF POMPANO BEACH	GO BOND DIRECTOR:	HORACIO DANOVICH
Kimley»Horn	CURRENT PHASE:	CONSTRUCTION	
	DESIGN TEAM:	KIMLEY HORN	FEES: \$262,844
Construction Manager at Risk:	CONSTRUCTION TEAM:	WHITING TURNER CONSTRUCTION	PRE-CONSTRUCTION FEES: \$16,886
	CONSTRUCTION TEAM:	BURKHARDT CONSTRUCTION	CONSTRUCTION FEES: TBD
	AVAILABLE FUNDS:		TBD
	APPROVED BUDGET:		\$1,072,000



PROJECT OBJECTIVES

This project consists of improvements to Terra Mar Drive Bridge, built in 1981, based on FDOT's Bridge Management System report. Project includes replacement recommendations for the deck, repairs to the superstructure, and substructure, safety railings, utilities upgrade and aesthetics enhancement.

PROJECT UPDATES

The (Pre-Design) Public Outreach process was completed. The community voiced concern with maintenance of traffic to the island, potential impacts to utilities services, ADA sidewalk, and aesthetic finish of the bridge. Consultant also completed environmental survey at site and discussions with BC Engineering Department. An initial coordination/review meeting with the project team and key City departments was held in September 2019. Repair methodologies for both canal seawalls were reviewed and geotechnical testing to mitigate unknown factors to be performed. Geotechnical services were procured in December then the test results and geotechnical report were completed in January 2020. GMP estimates (July/August) were high and the upsized watermain has been removed from the scope as a value engineering measure to meet the project budget. Updated drawings were submitted and the pre-application meeting took place on October 6 (after a 2-month delay). Plans submitted to Building Services on November 4. The review comments received and Consultant revised and resubmitted the plans mid-December. Permitting with outside agencies (Broward County) being finalized. Coordination with Lauderdale By The Sea residents and staff is ongoing. Alternative decorative media for the bridge barrier walls are being reviewed. Discussion with original artist ongoing. **Groundbreaking commenced February 2021. Permitting is completed. Project signs are up and outreach is complete. Good ongoing construction progress, inspections passed.**

PROJECT FORECAST

Building Department permitting is completed. The construction contract was approved by the City Commission in December and NTP by January. **Groundbreaking has commenced. Construction is under way and on time for planned completion.**

PROJECT SCHEDULE

DESIGN PHASE:	Begins May 2019	Ends: November 2020
	There are 5 phases before starting construction.	
	1. Concept Phase	4. Construction Documents
	2. Schematic Phase	5. Permitting for Construction
	3. Design Development Phase	

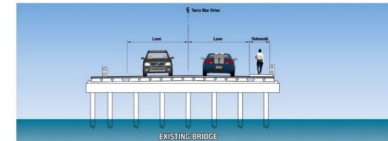
CONSTRUCTION PHASE: Anticipated Start date February 2021- End date August 2021

PROJECT SITE LOCATION



Terra Mar Drive Bridge Repair and Watermain Improvements

Bridge Structure



Terra Mar Drive Bridge Repair and Watermain Improvements

Bridge Structure

Functionally Obsolete
Structurally Deficient

EXISTING CONDITIONS



PROPOSED IMPROVEMENTS

Terra Mar Drive Bridge Repair and Watermain Improvements

Traffic Control



Terra Mar Drive Bridge Repair and Watermain Improvements

Traffic Control



Terra Mar Drive Bridge Repair and Watermain Improvements

Pedestrian Accommodations



Terra Mar Drive Bridge Repair and Watermain Improvements

Utilities



Terra Mar Drive Bridge Repair and Watermain Improvements

Aesthetic Treatment



Stamping

Terra Mar Drive Bridge Repair and Watermain Improvements

Aesthetic Treatment

