

Prime Consultant:	Kimley-Horn	CITY OF POMPANO BEACH	GO BOND DIRECTOR: HORACIO DANOVICH
CURRENT PHASE: CONSTRUCTION DOCUMENTS (Roadway) & DESIGN DEVELOPMENT (Bridge)			
Construction Manager at Risk:	BURKHARDT CONSTRUCTION, INC.	DESIGN TEAM: KEITH & ASSOCIATES	FEES: \$976,059.00
		CONSTRUCTION TEAM: BURKHARDT CONSTRUCTION	PRE-CONSTRUCTION FEES: \$133,505.00
		CONSTRUCTION TEAM: BURKHARDT CONSTRUCTION	CONSTRUCTION FEES: TBD
		AVAILABLE FUNDS:	\$11,022,311.00
		APPROVED BUDGET:	(Phase 1) \$12,131,875.00

PROJECT OBJECTIVES

The project main objectives include replacing the existing functionally obsolete bridge over C-14 on McNab Road and beautifying McNab Road corridor between Federal Highway and South Cypress Creek Road. The project will modernize the area by laying new paving, related drainage improvements, ADA sidewalks, street and pedestrian lighting, landscaping, bus shelters/benches and street furnishings.

PROJECT UPDATES

The Pre-design Public Outreach process completed in June 2019. Schematic design was finalized and preliminary plans for the roadway portion of the project prepared in September. Roadway plans were presented at the P&Z Pre-Application Meeting on 11/19/19. On the bridge portion of the project SFWMD provided its permitting criteria including the required water control elevation (CE) for the C-14 canal. This new CE (additional clearance) will cause varying adverse impacts to properties abutting to the bridge and to the approach slopes, driveways and sidewalks. An environmental survey and discussions with National Marine Fisheries Service took place. In December, surveys from property owners south and adjacent to canal were submitted to Coast Guard (USCG) to obtain a determination (bridge elevation and clearance). Response in January 2020 enabled consultant to begin design of the bridge and consider options to mitigate impacts due to higher bridge profile such as adjusting driveways, shifting the bridge alignment, and sub-aqueous crossing once approved by the City. Permitting efforts ongoing with Broward County agencies for roadway plans. Due to the challenges and impacts foreseen for properties adjacent to the bridge, the City has been reviewing maximum possible navigational clearance and financial implications associated with adjacent properties' issues prior to directing the consultant to proceed with design plans for the bridge (substructure, superstructure, approaches). A partnership with Fort Lauderdale will provide resources and benefit residents of the subdivisions south of the Bridge. 60% CD Roadway plans completed, pending feedback from FPL lighting design group. **Bridge design has resumed in February and progressed with constructibility review with the CMAR during the month of March . Scope meeting held with Wastewater division to review connectivity across the bridge for the corridor. Bridge will be raised 4' to benefit community south of bridge.**

PROJECT FORECAST

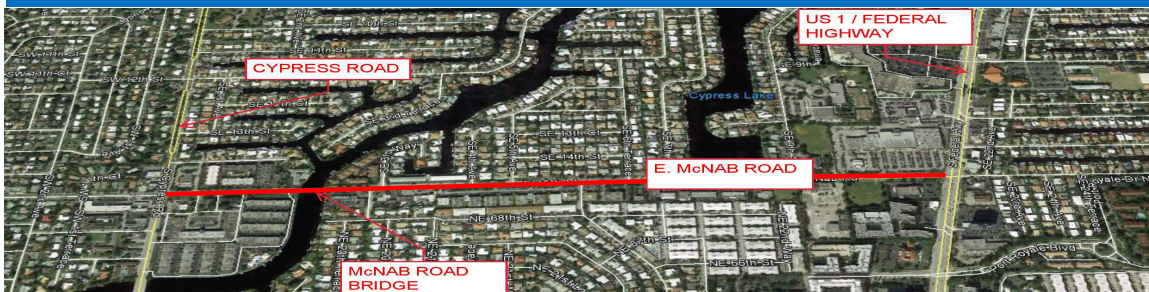
Submission for the Bridge plans is not likely before Mid-2021. Coordination with the consultant and the CMAR are ongoing to refine a concept and establish a cost estimate for the project. **Schematic design for the bridge is ongoing and expected to be completed by May 2021.**

PROJECT SCHEDULE

DESIGN PHASE:	Begins May 2019	Ends: July 2021	(This original completion date is tentative)
	There are 5 phases before starting construction.		
	1. Concept Phase		4. Construction Documents (Roadway design)
	2. Schematic Phase (Bridge Design)		5. Permitting for Construction
	3. Design Development Phase		

CONSTRUCTION PHASE: Anticipated Start date: ----- End date: ----- To Be Determined

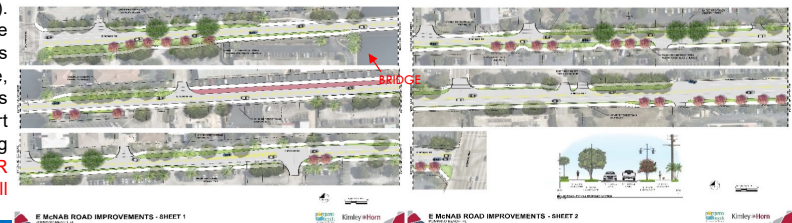
PROJECT SITE LOCATION



EXISTING CONDITIONS



PROPOSED IMPROVEMENTS



Design Considerations

- Bridge Geometry
- Aesthetics
- Traffic control
- Resident and Business Access
- Utilities
- Environmental Permitting
- Pedestrian Accommodations
- Construction Operations
- Landscaping

Bridge Structure

Functionally Obsolete
Structurally Deficient

"Best-Fit" alternative

Permitting requirements:
Water Control (11.2-8.5)
Required clearance = 4'6"
Channel change = 3.25' at channel
roadway grades = 15% max (12.8%)
Downstream grade = 15%
Setback width = 4'
SLO = 100'

Aesthetics

Functionally obsolete
No shoulder
Existing vertical clearance 4.52'

Aesthetics