



Palm Beach County
Department of Engineering and Public Works

Kudza Road Over LWDD L-8 Canal

Project No. 2017513
February 2020

EXISTING FACTS

- Kudza Road bridge over LWDD L-8 Canal (Number 934312).
- Built in 1960.
- Expected life cycle is 50 years.
- Bridge is located 0.25 miles south of Forest Hill Blvd.
- A bridge evaluation report was completed in July 2016.

EXISTING PLAN VIEW



EXISTING CONDITIONS

- The existing road cross section is composed of 2-11' travel lanes with no shoulders, and 4' to 5' sidewalk.
- Existing canal crossing is a concrete bridge with 3-15' spans, 2-11' lanes, 3' shoulder, and separate pedestrian bridges east and west of the bridge.
- Bridge was selected to be replaced to meet FDOT design standards to improve traffic safety.
- The Village of Palm Springs has existing utilities on the Bridge.

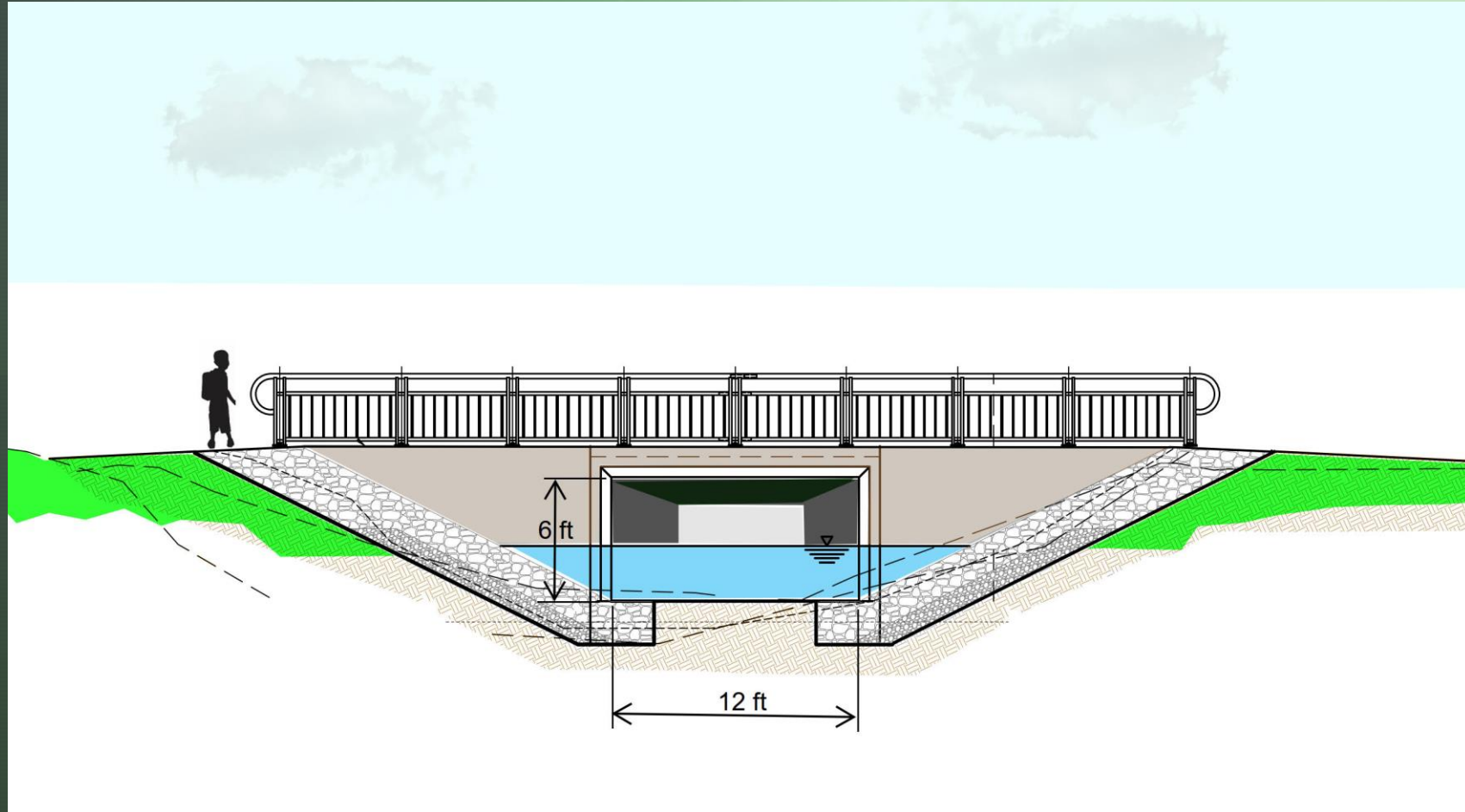
EXISTING CROSS SECTION



PROPOSED

- *Existing bridge will be replaced with a 12'x6' concrete box culvert.*

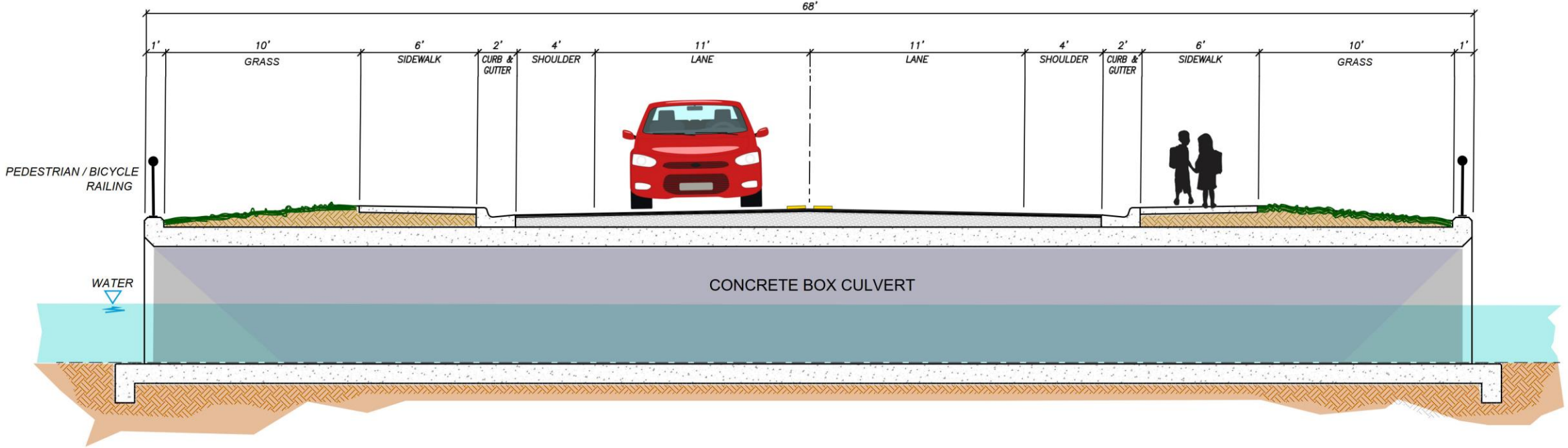
BRIDGE SIDE ELEVATION VIEW



PROPOSED

- Existing bridge will be replaced with a 12'x6' concrete box culvert.
- *Proposed section will consist of 2-11' travel lanes with 4' shoulders, 2' curb & gutter, 6' concrete sidewalk, and 10' of grassed area with railing.*

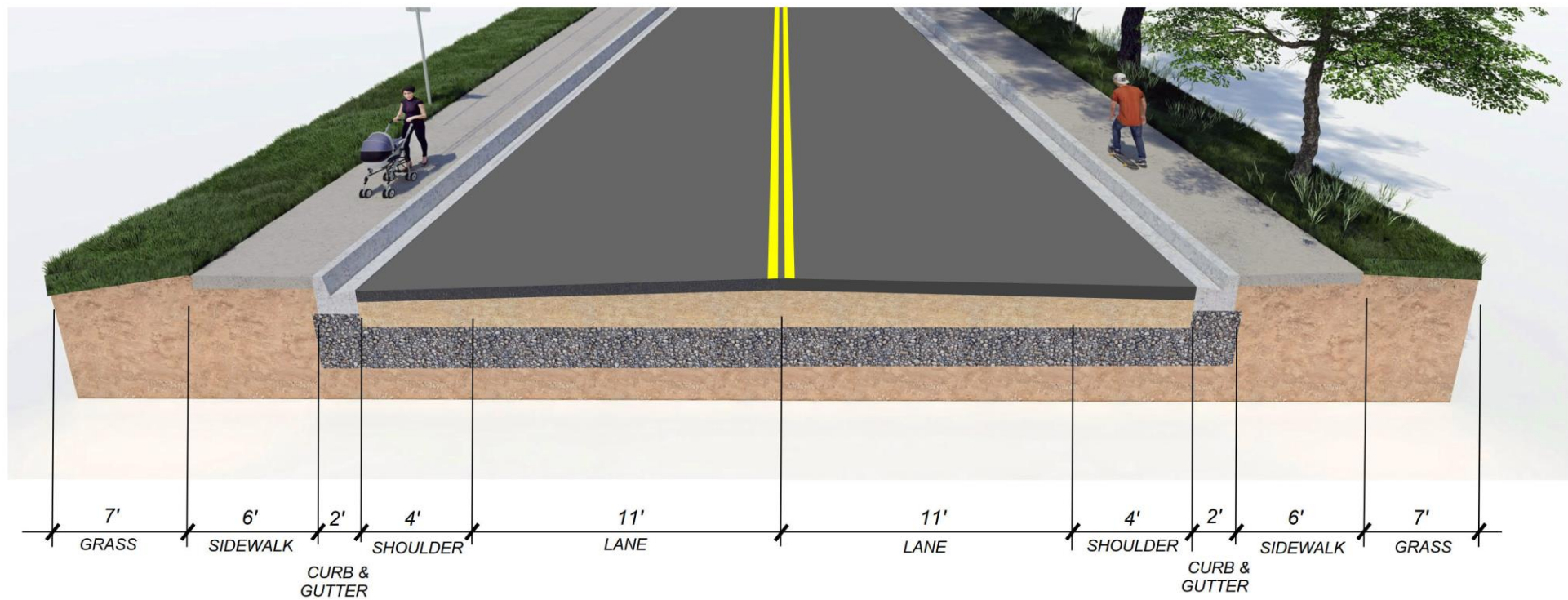
BRIDGE SECTION VIEW



PROPOSED

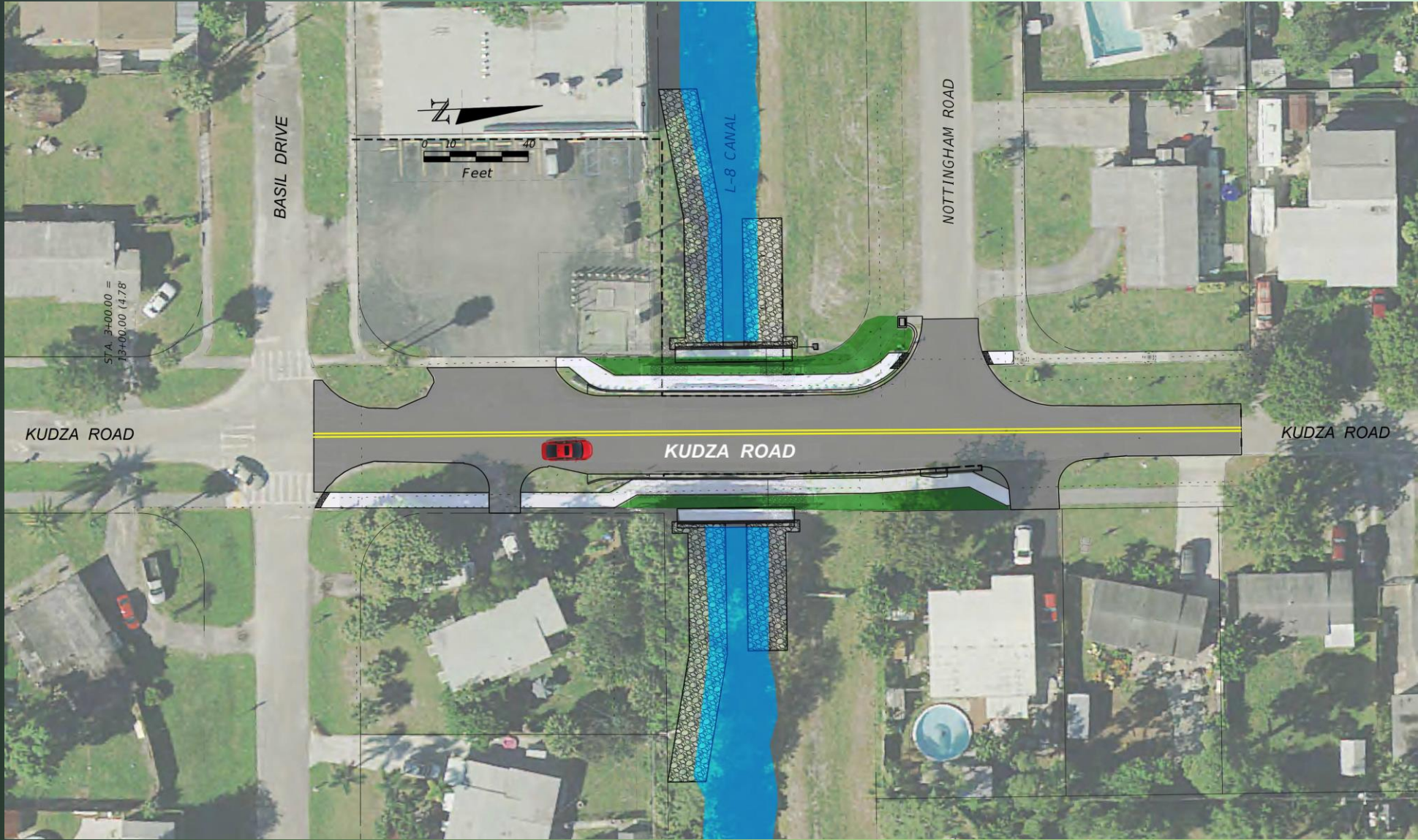
- Existing bridge will be replaced with a 12'x6' concrete box culvert.
- Proposed section will consist of 2-11' travel lanes with 4' shoulders, 2' curb & gutter, 6' concrete sidewalk, and 10' of grassed area with railing.
- *Proposed roadway section will consist of 2-11' travel lanes with 4' shoulders, 2' curb & gutter, 6' concrete sidewalk, and 7' of grassed area.*

ROAD CROSS SECTION



PROPOSED

- Existing bridge will be replaced with a 12'x6' concrete box culvert.
- Proposed section will consist of 2-11' travel lanes with 4' shoulders, 2' curb & gutter, 6' concrete sidewalk, and 10' of grassed area with railing.
- Proposed roadway section will consist of 2-11' travel lanes with 4' shoulders, 2' curb & gutter, 6' concrete sidewalk, and 7' of grassed area.
- *Construction limits are from Basil Drive to approximately 100' north of Nottingham Road.*



CONSTRUCTION LIMITS

PROJECT CONTRACT

- Bid date November 5, 2019.
- Tentative Board of County Commissioners meeting for Contract award is March 17, 2020.
- Contract amount: \$754,989.28
- Contractor: FG Construction LLC

SCHEDULE

- Construction time is estimated at 180 days.
- It includes a maximum of 60 days of road closure.
- Project estimated construction completion is December 2020.

