Palm River Bridge Replacement.

The primary purpose of this project is to replace a functionally obsolete bridge located on Palm River Boulevard over the Palm River Canal and to resurface/reconstruct the roadway approaches to the bridge.

The Palm River community has two access points: one of which, is via existing bridge number 034046, which was built in the 1960s and is currently identified by the Florida Department of Transportation as functionally obsolete (meaning the bridge is built to standards no longer used today).

The project also includes resurfacing and reconstruction of roadway approaches, as needed, to facilitate a typical roadway cross-section of two 11-foot through lanes (one northbound and one southbound), with 4-foot shoulders and a 6-foot sidewalk on the east side of the roughly 112’ long bridge.

Additional work includes reconstruction of residential driveway entrances, as necessary, within the limits of the project, as well as various stormwater management features.

Mario A. Puente, PE-CGC – Transportation Engineering.
Existing Palm River Bridge

Constructed in 1960
New Palm River Bridge

PROPOSED PALM RIVER BLVD BRIDGE
BRIDGE LENGTH: (3) 216'-7" / 216'-6" / 216'-6"
SPANS
BRIDGE APPROACH SLAB: (2) 20' SPANS
BRIDGE WIDTH: 48'2"

* Bridge Length & Spans Subject to change during Design
** Offset line for future sidewalk

EXIST. ROW

POTENTIAL CONTROL STRUCTURE

BIKE RAIL (TYP.)

PROPOSED SUBAQUEOUS PIPE
CONTROL STRUCTURE (TYP.)

DRY DETENTION DITCH (TYP.)

6' CONC. SIDEWALK
SIDEWALK FLUME (TYP.)

DETECTABLE WARNING SURFACE (TYP.)

2 TYPE E CURB & GUTTER

(2) MES w/ 15' RCP

EASEMENT LINE

11' LANE

11' LANE

Viking Way

Palm River Blvd

Palm View Dr

STOP

N

Collier County

Page 3
This detour plan will remain in place during the demolition and construction stages of the new bridge.

All components of this plan follow County and State regulations and guidelines.
Palm River Bridge Replacement

THE TEAM:
- Project Administration: Collier County, Transportation Engineering.
- Design: Jacobs Engineering Group.
- Construction: Zep Construction, Inc.

PROJECT SCHEDULE:
- Construction Start: August-September, 2020
- Final Completion: Summer-Fall, 2021
- Bridge Closure (Detour): Up to substantial completion