

Bond 2018 – 18011A

Castenon Street – Trojan Drive to Delgado Street



Project Fact Sheet

PROJECT DESCRIPTION:

The existing street is a residential collector constructed in 1967. It is approximately 40' wide and consists of asphalt pavement with 6" curb and gutter, sidewalk, and underground storm system. A topographic survey for this project was performed by Govind Development LLC (GDL) in October 2020. The current Urban Transportation Plan (UTP) classification is C1 Minor Residential (typically 40' B-B in 60' ROW) Collector.

The scope of the proposed Street configuration and limits for this project as well as the scope of the proposed Utility improvements are:

1. The proposed Street will be designed to include 2 bid options. Base Bid Option 1 will include a flexible pavement section of 3" Type D HMA, 9" Crushed Limestone Base, and 12" compacted subgrade. Base Bid Option 2 will include a jointed concrete pavement section with 6" of Jointed Reinforced Concrete and 12" of lime stabilized compacted subgrade.
2. Construction of ADA compliant 5' sidewalk on both sides of the roadway replacing the existing 4' sidewalk.
3. Construction of ADA curb ramps on Trojan-Castenon, Castenon-Juarez intersections and at the end of the West sidewalk connecting to the East sidewalk.
4. Replacement and addition of new storm water manholes and curb inlets, new RCP storm pipe replacing the existing 36" and 30" RCP pipes and addition of storm inlets and new 18" RCP storm pipe on the narrowed segment of the project. The new 18" RCP will carry storm water to a new manhole constructed by the RSRP City project at the North limit of the project. The valley gutters at Castenon-Juarez and Castenon-Delgado will be removed.
5. Introduction of new 6" to 8" PVC water main and abandonment of the existing 6" ACP Water main. The existing 4" and 6" ACP intersection laterals will be replaced with new 6" C900 PVC and new fire hydrants will be installed every 300'.
6. Replacement of existing 12" VCP Wastewater (WW) main with new 12" SDR 17 HDPE by pipe burst, and rehabilitation of existing brick WW MHs with new fiberglass linings.
7. There is an existing 2" WS Gas main, with no Gas improvements proposed at this time other than minor adjustments if needed

PROJECT FACTS

Project Consultant Engineer:	Govind Development LLC
Design Engineer Contact:	Riaz Ahmed (Not Design Engineer) 361-241-2777
City Project Manager:	Mai-Theresa Bernal, P. E.
Contractor:	TBD
Construction Inspector:	TBD
Anticipated Award Date:	TBD
Anticipated Construction Start:	TBD
Anticipated Completion:	TBD
Estimated Construction Cost:	\$2,859,996.28

Additional Notes/Details:

- Moody High School utilizes Castenon St to access parking for staff and students
- Dr. Garcia Elementary School is located North of this project.