

Bond 2018 – 18009A

Calallen Drive – Redbird Lane to Burning Tree Lane



Project Fact Sheet

PROJECT DESCRIPTION:

The existing street is a low volume residential rural section constructed in the early 1950's. The roadway consists of approximately 20' wide asphalt pavement with no shoulders, no curb or gutter, limited segments of sidewalk, and limited shallow roadside swales. A topographic survey for this project was performed by Govind Development, LLC (GDL) in May 2019. The current Urban Transportation Plan (UTP) classification is C1 Minor Residential (typically 40' B-B in 60' ROW) up to the Mountain Trail intersection. This segment is shown in the MPO Bicycle Mobility Plan with a Bike Boulevard.

The scope of the proposed Street construction for Calallen Drive from Redbird Lane to Burning Tree with Utility Improvements are as follows:

1. The proposed Street will be designed to include 2 bid options. Base Bid Option 1 will include a flexible pavement section of 2" Type D HMA, 6" Crushed Limestone Base, and 8" Lime Compacted Subgrade. Base Bid Option 2 will include a jointed concrete pavement section with 6" of Jointed Reinforced Concrete and 10" 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 Calallen at the following intersections: West Redbird, River Forest, and West Buckhorn.
4. Replacement and addition of new storm water manholes and curb inlets, replacing the existing RCP storm pipes, and drainage swale regrading for positive drainage.
5. Replacement of the existing 8" ACP water lines with new 9" C900 PVC water line and placement of new fire hydrant at every 600 LF.
6. Replacement of the existing 8" VCP wastewater line by pipe-burst with new 8" HDPE, and rehabilitation existing brick wastewater manholes with new fiberglass linings.
7. There are existing 4" and 2" WS gas lines. Only minor adjustments of the gas lines are need during construction.

PROJECT FACTS

Project Consultant Engineer:	Govind Development L.L.C
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:	\$1,929,800.00

Additional Notes/Details:

- Will need to coordinate with the following school for construction: Calallen Middle School borders on West Redbird Lane and Wilma Magee Elementary School is located on Calallen Drive approximately 1,800 LF South of the project.