

GRIFFEY ENGINEERING, INC.

August 7, 2023

Hillside Grove – Phase 1 Construction Plan

Engineering Review Comments

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1. Additional comments may be added to these with the reviews of subsequent submittals.
2. This work will require various permits from SJRWMD, Duke Energy, Lake County, FDOT, FDEP, FWC, COE. Provide copies of the applicable permits & approvals before commencing work on the site.
3. Modify the roadway cross section dimensions for the 100' right-of-way to reflect the current plan view.
4. Provide hydraulic calculations for the irrigation system.
5. The irrigation supply site improvements will need to be reviewed and approved by the Town prior to construction.
6. On the master site plan add a note and a call-out that Road B is intended to connect to SR 19 and that the design and permitting of the connection will be included with Phase 3 improvements.
7. On the south end of Road A, at the intersection of SR 19, the left outbound lane accommodates through and left movements. This lane doesn't need any markings, the arrows in the right turn lane are sufficient.
8. At the northbound right turn lane at the commercial driveway, the curb lane striping needs to be between the through lane and the turn lane.
9. For the speed table at 52+50, label the advance warning signs.
10. Utility valves are not to be located in curbs, gutters, or curb ramps. In case of a conflict during construction, the valve shall be relocated and not the curb or curb ramp. Add a conspicuous note to the utility plans stating that requirement. Also, the graphical depiction on the utility plans shows several locations where valves are conflicting with curb ramps. Adjust the plans to eliminate the conflict.
11. In the notes for the Typical Pavement Sections, change Note 1 to state that all disturbed areas within the r/w shall be sodded. The Typical Roadway Cross Sections should also reflect that change. Sodding of the full right-of-way in front of lots can be deferred until building construction, similar to sidewalk construction. However, the standard strips of sod at the back of curb is required on all roads as part of construction.
12. Add a construction detail for the Multi-Use Path.

