

Date: Wednesday, March 27, 2019

To:

OLSSON ASSOCIATES
James Gallagher, P.E.
Email: jgallagher@olsson.com
Fax #: (913) 381-1174

From: Gene Williams, P.E.
Senior Staff Engineer

Application Number: PL2018219

Application Type: Engineering Plan Review

Application Name: WOODSIDE RIDGE 1ST PLAT - PRYOR RD & O'BRIEN RD INTERSECTION
IMPROVEMENTS

The Development Services Department received plans for this project on Mar. 14, 2019. We have completed our review and offer the following comments listed below.

- Resubmit three (3) full size sets of plans (no larger than 24"x36") folded to 8-½"x11", one (1) comment response letter, and one (1) digital copy following the electronic plan submittal guides as stated below.
- Revised plans will be reviewed within five (5) business days of the date received.

Traffic Review

1. Include additional construction sequencing notes on the Signal General Notes Sheet, for example:
 1. The traffic signal shall remain fully operational with exception of the hourly period for relocation of poles/equipment as described on the traffic control plans.
 2. All signal installation and relocation work must be completed prior to construction of roadway improvements due to the removals of existing signal boxes and foundations associated with roadway improvements.
 3. Prior to any signal pole or post relocation all new foundations or bases, conduits, pull boxes and cabling/wiring shall be installed for an expedient relocation process that minimizes separation and reconnection time (or downtime of signal operations).
2. The existing pedestrian push buttons are not ADA compliant and should be replaced if/where the pole is relocated.
3. The signal quantities sheet is missing some information (e.g. ground rods, estimate of lighting cable, ground wire, video/power cabling). Also field verify the type of cables required for the existing video system and note on the plans.

In order to calculate the Engineering Plan Review and Inspection Fee, a sealed Engineer's Opinion of Probable Construction Costs shall accompany your final submittal copies. The itemized estimate (material and installation) shall be sufficiently broken down and shall include the following items, as applicable.

- Public infrastructure, both onsite and offsite.
- Private street construction, including parking lots and driveways.
- Sidewalks located within the right-of-way.
- ADA accessible ramps.
- Sanitary sewer manholes and piping between manholes, including private mains.
- Connection of the building sanitary sewer stub to the public main.
- Waterlines larger than 2 inches in diameter, valves, hydrants, and backflow preventer with vault, if outside the building.
- Stormwater piping greater than 6 inches in diameter, structures, and detention / retention facilities - public or private.
- Water quality features installed to meet the 40-hour extended duration detention requirements.
- Grading for detention / retention ponds.
- Grading to establish proper site drainage.
- Utility infrastructure adjustments to finished grade (i.e. manhole lids, water valves, etc.).
- Erosion and sediment control devices required for construction.
- Re-vegetation and other post-construction erosion and sediment control activities.

Electronic Plans for Resubmittal

All Planning application and development engineering plan resubmittals shall include an electronic copy of the documents as well as the required number of paper copies.

Electronic copies shall be provided in the following formats

- Plats – All plats shall be provided in multi-page Portable Document Format (PDF).
- Engineered Civil Plans – All engineered civil plans shall be provided in multi-page Portable Document Format (PDF).
- Studies – Studies, such as stormwater and traffic, shall be provided in Portable Document Format (PDF).

Please contact me if you have any questions or comments.

Sincerely,

Original Signed

Gene Williams, P.E.
Senior Staff Engineer
(816) 969-1223
Gene.Williams@cityofls.net

cc: Development Engineering Project File