

Date: Monday, September 23, 2019

To: Emery Sapp & Son Construction Co.
140 Walnut Street
Kansas City, MO 64106-

From: Michael Park, P.E.
City Traffic Engineer

Application Number: PL2019245

Application Type: Engineering Plan Review

Application Name: CHIPMAN & DONOVAN INTERSECTION - TRAFFIC SIGNAL IMPROVEMENTS

The Development Services Department received plans for this project on July 25, 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 - Approved with Conditions

1. Plan inconsistencies and errors must be corrected on the as-build drawings. The pavement markings shown on sheet C101 are correct, but incorrectly shown/referenced on sheet TC101. The signal shown on sheet TC101 is correct, but incorrectly shown/referenced on sheet C101.
2. Sheet TC101, Signal Plan, shall be to scale.
3. A complete and thorough review of plan details, notes and quantities has not been completed to expedite approvals; which may result in necessary material or design modifications (signal pole and mast arm or geometric design impacts not anticipated). These modifications and/or minor quantity revisions are subject to the City's acceptance of construction. These changes, if applicable, will be shown on the as-build drawings.

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,

Michael Park, P.E.
City Traffic Engineer
(816) 969-1820
Michael.Park@cityofls.net

cc: Development Engineering Project File