

**Date:** Friday, February 11, 2022

**To:** OLSSON ASSOCIATES  
1301 BURLINGTON, SUITE 100  
NORTH KANSAS CITY, MO 64116

**From:** Sue Pyles, P.E.  
Senior Staff Engineer

**Application Number:** PL2021408

**Application Type:** Engineering Plan Review

**Application Name:** Lee's Summit Logistics - Public Water

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The Development Services Department received plans for this project on October 18, 2021. We have completed our review and offer the following comments listed below.

- See comments below to determine the required revisions and resubmit to the Development Services Department public portal located at [devservices.cityofls.net](https://devservices.cityofls.net). Digital documents shall follow the electronic plan submittal guides as stated below.
- Revised plans will be reviewed within five (5) business days of the date received.

#### **Engineering Review - Corrections**

1. Sheet WM1.01:
  - Include all items, including abandonment items, in the Estimate of Quantities table.
  - Delete the sanitary sewer Estimate of Quantities table.
2. Sheet WM2.00: Include layout of existing mains to be abandoned.
3. Sheets WM3.00-3.06:
  - Please include pipe information in all Profile views (length, size, material).
  - The pipe sizes required along Main and Sloan are 12" and 8", respectively.
  - In all locations where "Steel Encasement" is shown, please clarify what that is. I don't see any detail. Please ensure that it meets Design and Construction Manual design requirements.
4. Sheet WM3.00:
  - Show connection to existing callout in both Plan and Profile views.
  - It appears that a bend is needed at Sta. 2+05.

5. Sheet WM3.03: Label the Proposed Grade line.
6. Sheet WM3.05:
  - Show connection to existing callout in both Profile view.
  - The bend size at Sta. 23+67 is incorrect. Please revise.
7. Sheet WM3.06:
  - Why doesn't the proposed alignment remain along the north side of Sloan? It would appear that a mostly straight alignment would make more sense than crossing Sloan. Please explain or revise.
  - Please relocate overlapping callouts in Plan view for clarity.
  - What is the lower dashed line Sta. 0+00 – Sta. 2+46 in Profile view? Please clarify or delete.
8. Sheets WM4.00-4.01: Please remove any unused details.

### **Traffic Review - Not Required**

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**

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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,

Sue Pyles, P.E.  
Senior Staff Engineer  
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Sue.Pyles@cityofls.net

cc: Development Engineering Project File