



March 4<sup>th</sup>, 2022

**City of Lee's Summit, Missouri**

Attn: Sue Pyles, P.E.  
220 SE Green Street  
Lee's Summit, MO 64063

Re: PL2021408 – Lee's Summit Logistics – Public Water

To whom it may concern:

The following are responses to your comments made February 23<sup>rd</sup>, 2022 on the project referenced above.

**Engineering Review – Corrections**

1. *Abandonment:*

- a. *The existing water line along NW Main Street is to be abandoned between the connection to the new alignment and connection to the existing water main along the north side of NW Victoria Drive.*

**RESPONSE:** Acknowledged. Notes have been added to the plans regarding this abandonment.

- b. *Our records indicate the water main to be abandoned east of the existing Main Street water main is located at the next property line to the north from where it is shown in the plans. Please verify this location and show it abandoned east to the existing water main along the west side of NW Sloan Street.*

**RESPONSE:** Acknowledged. The plans have been revised to show this linework correctly.

- 2. *Please revise the material callouts in the Profile views for clarity. The callout should refer to the water main between match lines on each sheet.*

**RESPONSE:** Acknowledged. The plans have been revised as requested.

- 3. *Sheet WM3.01 is in the plan set twice. The first one appears to be the wrong sheet.*

**RESPONSE:** Acknowledged. The sheet numbers have been fixed on this revised set of plans.

- 4. *Sheet WM3.06: Please show the existing water main crossing SW Sloan Drive at the connection point of the new alignment.*

**RESPONSE:** Acknowledged. The plans have been revised as requested.

**Water Utilities Review –**

I asked our Water Utilities Department to look at the water main plans and was given the following comments. I didn't get them in time to include them in the comment review letter, so please consider these added comments to address prior to resubmission:

1. For the RCB crossing please install one stick of zinc coated DIP centered on the RCB. Install solid sleeves on either side of the DIP with megalugs on the DIP and PVC. At the RCP, require restrained joints at least 10 feet away from the outside edge of the storm pipe. Do not install steel casing pipe at these locations.

**RESPONSE:** Acknowledged. The plans have been revised to include the zinc coated DIP centered on the RCB.

2. It looks like the horizontal bend at Sta. 7+45.63 needs to move a little to the southeast and could be used to transition between the ductile iron pipe and the PVC pipe.

**RESPONSE:** Acknowledged. The plans have been updated as requested.

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.

**RESPONSE:** Acknowledged. The contractor is working on the itemized cost based on the revised plans. As soon as that information is completed, we will provide it to the city.

Thank you,

Seth Reece  
Olsson