

March 25, 2025

Grant White
Development Services
220 SE Green Street
Lee's Summit, MO 64063

**Re: Oldham Village – Street and Storm, Sanitary, and Water – PRSUBD20245707
Traffic Signal Comment Responses**

Dear Mr. White,

We received the review comments for the above referenced project, dated March 21, 2025. The purpose of this letter is to provide responses to comments received regarding the traffic signal.

Comment 9: Please specify Iteris Next Video detection system.

Response: The video detection system in the Controller and Equipment table on Sheet 6 has been revised to specify an Iteris Next Video detection system.

Comment 10: The cable quantities seem low based on a few random checks. Please be sure that you are including the required slack length per the LS 5900 design criteria.

Response: The cable quantity calculations have been reviewed to ensure accuracy. It was verified that the required slack lengths for each run are consistent with what is listed in the LS 5900 design criteria. Additionally, the cable quantity totals include the addition of 5% slack and were rounded up to the nearest 50 feet.

Comment 11: The cable from the power supply to the cabinet should be 3C#2 rather than 1C#10.

Response: The cable from the power supply to the signal controller was called out as 3 - 1C#6 in the previous plan set. The plans have been revised to indicate 1 - 3C#2 cable from the Evergy transformer to the power supply and from the power supply to the signal controller.

Comment 12: The second power line should go straight to the street light disconnect rather than through pull box number one. If this is a double service disconnect it should be labeled as such.

Response: This comment was resolved during a discussion with City staff on March 25, 2025. This is not a dual service disconnect. No revisions made.

Comment 13: In the cabinet, the splice should be Corning Wall-Mountable Interconnect rather than Gator Patch.

Response: The fiber optic distribution unit in the Interconnect Equipment table

on Sheet 6 has been revised to specify a Corning Wall-Mountable Interconnect Center.

Comment 14: The Fiber Optic Data Link Switch should be specified as Cisco, Antaria, Control, or Transition with similar specs.

Response: A note has been added below the Interconnect Equipment table on Sheet 6 that specifies the fiber optic data link switch as a Cisco, Antaria, Control, Transition or approved equal.

Comment 15: The Fiber Distribution Unit in a pull box and outdoor dome enclosure. Typ: Thincol Fiber Optic Splice Enclosure.

Response: The fiber optic splice enclosure in the Interconnect Equipment table on Sheet 6 has been revised to specify a Thincol Fiber Optic Splice Enclosure

Comment 16: All fiber should be Single Mode.

Response: All fiber cable is specified to be single-mode fiber optic cable.

Please feel free to call or email if there are any questions.

Sincerely,
KIMLEY-HORN AND ASSOCIATES, INC.



Jeff Wilke, P.E.
Jeff.Wilke@Kimley-Horn.com

CC: Matt Schlicht