
PUBLIC WORKS ENGINEERING DIVISION

Date: Tuesday, October 14, 2014

To:

NATIONAL FIRE SUPPRESSION INC

Email: andrew.murphy@wsfp.us

Fax #: <NO FAX NUMBER>

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

Application Number: PL2014130

Application Type: Engineering Plan Review

Application Name: John Knox Village Fire Line at 400 NW Murray Rd

The Public Works Department received plans for this project on October 8, 2014. These plans are dated and were sealed on **October 3, 2014**. We have completed our review and offer the following comments:

Engineering Review

1. The plan shows the water line along the middle of NW Murray Rd. Is this correct? Were as-built Record Drawings obtained from our Records Technician at 969-1800, and contact with Missouri One-Call made?
2. What is the restoration plan for Murray Road? This will need to be specifically shown on the plans, including paving, subgrade, and curb and gutter replacement. Please see the City of Lee's Summit Design and Construction Manual for specific requirements related to trench backfill for water lines, and pavement repair.
3. A traffic control plan will need to be submitted within the engineering plan package. It will be acceptable to use our City of Lee's Summit standard "Traffic Control Details" available on our website at www.cityofls.net; however, they should be included as part of the engineering plan package.
4. A restoration plan for the parking lot was not shown on the plans. The plans need to show the specific actions which will take place to restore the pavement, including pavement thickness, base, and curb and gutter replacement. Please note that the City of Lee's Summit has specific requirements for private paving within parking lots which include paving thickness and subgrade.
5. A restoration plan for the parkway between the parking lot and Murray Road was not shown. It will be acceptable to provide a note stating that the parkway will be restored with sod.
6. A water valve (i.e., gate valve) will be needed on the public water main on the north side of the new cut-in tee.
7. A cut-in tee rather than a tapping sleeve should be specified on the plans.
8. The Engineer's Estimate of Probable Construction Costs appeared to be missing the following items: 1) street repair, 2) curb, 3) subgrade preparation of the street, 4) traffic control, 5) parkway restoration.

If you have any questions or comments, please contact me, either at (816) 969-1800 or e-mail to .

Sincerely,

Original Signed

Gene Williams, P.E.
Senior Staff Engineer

cc: Development Engineering Project File