

**PUBLIC WORKS ENGINEERING DIVISION**

## Inspection Summary

Permit #: PRPWFC20173845, Public Works Infrastructure Permit - Commercial

Scooters coffee

Address: 805 SW M 150 HWY, LEES SUMMIT, MO 64082

This work has been inspected and the inspection results noted below. Please call for re-inspection once all corrective actions have been completed. Do not cover any work until approved.

Inspection Item:

| Inspection:                                  | Inspector:  | Outcome: | Date:                            |
|--|-------------|----------|----------------------------------|
| DEI-Storm - Sewer<br>Construction Inspection | Matt Munger | Partial  | Thursday,<br>January 18,<br>2018 |

Informational

1 Matt Munger 01/10/2018 8:30 AM

I spoke with Sue (Engineer) in regards to the clearance issues with the existing water line and the storm sewer that was going to be installed. Sue had stated if they could not get 12" of clearance then it would be ok to encase the pipe in concrete.

When I arrived on site and Aaron was still working on getting the area potholed to find out the depth of the pipe. I told them to call me when they had the pipe exposed. Contractor was also working on the construction entrance.

Informational

2 Matt Munger 01/10/2018 10:36 AM

Aaron from Cohurst had dug down the water main and after measuring we discovered there was going to be an issue with getting 18" of clearance. I had informed them that Sue had stated if they could get 12" of clearance they wouldn't need to encase the pipe. After further inspection we saw that was not going to be the case. I called John Haily to come out and check out the situation. We had Aaron measure from the top of pipe to where the bottom of the pipe would be see if concrete encasement would be an option (if there was 6" of clearance between concrete encasement).

John had thought it would be ok to encase the pipe. I told them they will need to have 5ft on each side of center of the where the storm pipe was going. As well as having 6" of concrete above and below the water main. They also were going to use rebar to build a cage around the water line.

Informational

- 3 Matt Munger 01/10/2018 3:05 PM I observed the rebar cage around the water main and had watched them pour the concrete. I observed them using a spade shovel to chock in the concrete mix under the water pipe.

Informational

- 4 Matt Munger 01/18/2018 10:52 AM I had observed the workers digging the trench where the storm pipe is going to be put in. I had spoke with Aaron from Cohurst on the phone earlier in the morning and on site and informed him that putting frozen backfill material does not meet our standard and that I would have to fail the inspection. I explained to Aaron the concern would be that the soil would not be compacted properly and could cause a sink hole and issues down the road, especially where they are putting pavement in. I observed the curb inlet at Sta. 0+80.29 was set in place with gravel base underneath that was set in prior to my arrival. I informed Aaron to contact me prior to backfilling the trench.

**Comments:**

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