

**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 Construction Inspection	Matt Munger	Partial	Wednesday, January 10, 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.

DEI-Storm - Material Verification	Matt Munger	Passed	Wednesday, January 10, 2018
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Informational

- 1 Matt Munger 01/10/2018 8:30 AM  
Looked over the storm pipe that was on site and observed that it was 18" HDPE with bell and spigot ends with AASHTO M294 2306 stamped on the side of the pipe.

I also observed the storm box that was delivered was precast.

DEI-Erosion Sediment Control (ESC) Inspection	Matt Munger	Partial	Wednesday, January 10,
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Informational

1 Matt Munger 11/30/2017 2:19 PM

Silt fence was put in place along the south and west sides of the site.

I spoke with Sheldon about the notes for the PVC pipe in the plans and advised that any materials that are going to be ordered will need to be compliant with what is required in the LS D&C.

I told Sheldon I would speak with his Utilities Sub-Contractor when that time comes and go over any details.

Informational

2 Matt Munger 12/04/2017 12:58 PM

No workers were present, silt fence was in place. There needs to be an ESC Device in place for the curb inlet on SW Lemans Lane before the Commerce Bank entrance. I spoke with Sheldon about getting one in place and he stated he would have someone take care of it.

Informational

3 Matt Munger 12/05/2017 9:21 AM

I observed an ESC Device in place with two cinder blocks between the device and inlet on the CI that I had asked Sheldon to take care of. I spoke with Sheldon while he was on site and he stated the Utilities Contractor will possibly start next week.

Informational

4 Matt Munger 12/11/2017 10:00 AM

No workers were present, ESC devices and silt fence were in place.

Emailed Sheldon about the project and if there was anything that he needed from me since I had not seen anyone out at the site.

Informational

5 Matt Munger 12/19/2017 10:10 AM

Construction Entrance was in place, large Rip Rap was used. Workers were removing dirt from property.

Informational

6 Matt Munger 12/20/2017 10:21 AM

There are problems with the erosion control devices on your site.

The silt fence on the south west side of the property has a section that is not secure due to the excavation work being done and is no longer trenched in properly. I spoke with the worker and just asked that he be mindful of the fence to ensure that it remains in place.

Corrective Action Required

7 Matt Munger 12/21/2017 2:52 PM

Your project is in violation of the Erosion and Sediment control policy.

There needs to be a silt fence along section of property that is adjacent to MO-150.

After discussing schedules earlier in the day Sheldon stated he would get the silt fence up along the section of property adjacent to MO-150.

Informational

8 Matt Munger 01/02/2018 10:57 AM

I walked along the silt fence and observed the silt fence was staked and in place. Will need to keep an eye on the staples that are securing the fence to the stakes to ensure the fence does not pull away and sag.

Corrective Action Required

9 Matt Munger 01/09/2018 11:28 AM

I observed gravel and mud on the roadway from the construction entrance. The construction entrance has small gravel that has been poured over the top of the Rip Rap that was put in initially and will need to be replaced with larger Rip Rap to not track onto the street as construction vehicles leave the site.

Corrective Action Required

10 Matt Munger 01/09/2018 2:15 PM

I had emailed Sheldon an inspection report and left a message earlier in the day informing him about the condition of the road and construction entrance.

I had received a text message from Sheldon at 12:46 pm stating they would get the entrance taken care of.

As I had arrived on site at 2:15 pm I observed gravel in the roadway. They had cleaned some of the gravel off the street but there was still gravel scattered up and down the road. The construction will also need to have the 3/4" gravel that was put on top of the Rip Rap removed to prevent this issue.

I had spoke with Sheldon and his father in regards to the issue and informed them that they need to keep the roadway clean. If the roadway is not kept clean a Stop Work Order can be issued.

I emailed Sheldon after our conversation on site in regards to the situation and let him know that the Inspector that was with me had also pointed out the construction entrance needs to be extended (total length should be 50ft).

In my email I informed Sheldon that I would like to see the entrance in compliance by the end of day tomorrow (1/10/18).

Informational

11 Matt Munger 01/10/2018 2:00 PM

The construction entrance had been lengthened and large riprap was in place. The gravel in the roadway from the day prior was cleaned up.

DEI-Storm - Sewer  
Construction Inspection

Matt Munger

Partial

Wednesday,  
January 10,

## Informational

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## 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.

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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.

**Comments:**

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