

CITY OF LEE'S SUMMIT
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Inspection Summary

Permit #: PRSUBD20215636
Address: 451 SW LONGVIEW BLVD, LEES SUMMIT, MO 64081

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

| Inspection: | Inspector: | Outcome: | Date: |
|--|--------------|----------|---------------------------|
| Storm Sewer Construction Inspection | Ryan Heckman | Partial | Monday, February 06, 2023 |

Informational:

1 Misc

Trinity Excavating had 2 crews onsite working on clearing around existing storm basin area. Preparing to set new storm outlet structure. 10/17/22 ES

Tony's crew was working on digging out site for box 1-1. 10/18/22 ES

Tony's crew continued working on site for box 1-1. Existing 42" pipe was sitting on bedrock that had to be broken out prior to setting box 1-1. Existing 42" pipe was cracked through and needed to be banded and coupled with a short piece of 42" pipe from existing pipe removed. Elevations were off for flow line and box sits ~6" high. Will need to modify incoming flow line from box 1-2 in order to get 1-1 set on existing storm pipe. 10/19/22 ES

Tony's crew got box 1-1 set, band coupling existing piece of pipe and piece going into box added. Started running 36" pipe out towards structure 1-2(new flow will be close to 1.6%. 10/20/22 ES

Tony's crew continued on storm line 1, making it to box 1-2 with 36" HDPE line, but still don't have structure 1-2. on site to continue from this point. 10/21/22 ES

Trinity Excavating crews poured collars around 42" outlet pipe and 36" inlet

pipe in box 1-1 and poured invert. 10/27/22 ES

Trinity crew continued working on line 1 and set box 1-2. 10/28/22 ES

Trinity crew laid final piece of 36" outflow pipe into box 1-2. The area going towards 1-3 was too sloppy to continue construction towards that box. 10/29/22 ES

Trinity crew continued working on storm line 1. Set curb inlet box 1-3 and laid 5 sticks of 36" pipe out towards box 1-4. Have concrete called in for tomorrow morning to work on collars and inverts on 1-2 and 1-3 and sanitary MH 1-1, 2-1, and 4-1. 11/2/22 ES

Trinity crew continued working towards box 1-4 on storm line 1. They got the box set in ground, but not completely to grade. They poured collars on boxes 1-2 and 1-3. 11/3/22 ES

Trinity crew continued working on storm line 1. They had a couple sticks of pipe float in the ditch on them and had to reset them between boxes 1-3 and 1-4. They got those sticks laid and set box 1-4 base. 11/7/22 ES

11-10-22 RH. Crew Poured inlet and Collars for Line 1 1-2, 1-3, and 1-4. Contractor then went to breaking bed rock between 1-4 and 1-5 so they could continue to place more line.

11-14-22 RH. Crew continues to break rock out between Storm 1-4 and 1-5. 2 sticks of pipe were layer.

11-16-22 RH. Crew continues to break rock out to placed storm structure 1-5.

Trinity crew working on storm line 1. Placed structure 1-5, but alignment wasn't correct. Spencer was working with surveyors and determined their marks needed corrected. They were also stacking out boxes 1-2 and 1-3. 11/17/22am ES

Trinity crew continued working on line 1. had to make modifications to box 1-5 as holes were cut into wrong sides of box. started running pipe out towards box 1-6. 11/18/22 ES

Spoke with Spencer this AM about the concerns we had with how box 1-5 was cut and the lack of any solid concrete to tie into for rebar bracing if repouring side of box. Let them know if we got shop drawings from the manufacturer or other documentation that they would deem the structure sound and could show a way to reinforce box we might let it stay, but that would likely require the complete reconstruction of the western side of box going towards box 1-6. We noted that the northern side would be ok as long as sufficient rebar reinforcing was placed as their dowel locations showed. 11/21/22am ES

Based upon our conversation this morning Trinity crew started digging out

and breaking rock to set box 1-6 in order to continue on public storm line 1 install until a solution for box 1-5 was reached. 11/21/22 ES

11-22-22 RH. Crew started digging toward storm structure 1-6. Crew will continue on line 1 until a solution will be found for structure 1-5.

11-25-22 RH. Crew had scheduled work for today at 7am. No one showed up at 7 and then they canceled.

12-1-22 RH. Crew continued to dig out Stormline 1. Storm Structure 1-6 was set and they continued toward structure 1-7.

Contractor installed storm structure 1-7 and continued to 1-8. 1-8 was installed and that was crew was stopping for the day before continuing on. Other areas were being filled in above the piping.

12-2-22 RH. Crew started running pipe from Structure 1-8 to Structure 1-9. Contractor also plans to start stacking storm structures and drilling dowels into structure 1-5 due to mis designed flow lines when structure was made.

12-5-22 RH. Contractor is going to fix structure 1-5 today by drilling into structure and using rebar to fill in holes when structure was design incorrectly. Contractor will also continue to dig toward storm inlet 1-9 from 1-8.

12-6-22 RH. Contractor is pouring Storm Inlets and Collars for 1-5 and 1-6. Fixes were also completed on storm box 1-5 with concrete and rebar. Crew plans to move on to inlets 1-7 inlet and collars once 1-6 is complete. Storm box 1-9 was placed today and contractor will continue to dig towards inlet 1-10.

12-7-22 RH. Contractor continues to run storm from 1-9 to 1-10. Felt continues to be used around piping in ground with correct aggregate bedding. Storm box 1-10 was installed and tied into the existing system. Backfilling pipe rest of the day.

12-9-22 RH. Contractor started pouring inlets and collars for storm structures still open.

12-12-22 RH. Contractor installed storm structure 8-1 and will stub out toward 8-2. 15" HDPE was used between 8-1 and 1-8. Contractor will not start working out from 1-8 to structure 6-1. Once 6-1 was set contractor continued toward 6-2.

1-24-23 RH. Contractor started placing Private Storm line 2. Started digging off of Storm Structure 1-3.

2-6-23 RH. Contractor started placing Private Storm Line 9. Rock had to be broken out so it will take time to be placed.

Comments: