

CITY OF LEE'S SUMMIT
Development Services Department
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Inspection Summary

Permit #: PRSUBD20215945

Address: 2101 SE HAMBLER RD, LEES SUMMIT, MO 640822620 SE RANSON RD, LEES SUMMIT, MO
640821971 SE HAMBLER RD, LEES SUMMIT, MO 640821240 SE HOOK LN, LEES SUMMIT,
MO 640821745 SE HAMBLER RD, LEES SUMMIT, MO 64082

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:
Sanitary Sewer Construction Inspection	Tom Taylor	Passed	Thursday, May 12, 2022

Informational:

1 Misc

On Monday, 1-24-2022. Redford Excavating began interceptor sewer installation. Contractor began at the south end of project digging bore pit for boring machine

On Tuesday, 1-25-2022. The contractor resumed digging bore pit. Lime stone was encountered slowing removal of rock. The contractor also erected trench boxes in preparation for Sanitary Sewer installation.

On Wednesday 1-26-2022. Redford Excavating resumed bore pit dig. Had break down and stop all removals.

On Thursday, 1-27-2022. Redford resumed bore pit dig and contractor also installed trench boxes.

On Monday, 1-31-2022 Redford Excavation completed clearing north of manhole 54-012. Contractor also began connecting temp sanitary piping for proposed interceptors.

On Tuesday, 2-01 thru Sunday 2-07-2022, the contractor did not work due to

snow event.

On Monday, 2-07-2022. Redford resumed clearing at the north end of the project and continued to connect interceptor temp pipe.

On Tuesday, 2-08-2022. Redford Excavating resumed connecting temp sewer pipe. Project site very muddy.

On Wednesday 2-09-2022 Redford Excavating resumed temp pipe connection for interceptor dropped off equipment.

Informational:
2 Misc

On Monday 2-14-2022. Redford Excavating resumed clearing and stump grinding. Drill company pumped bore pit for concrete pour tomorrow for drill slab.

On Tuesday, 2-15-2022. Auger Unlimited poured concrete slab for bore machine in bore pit. Redford Excavating resumed for timber removal and mulching at the north end of the sewer.

On Wednesday, 2-16-2022. Contractor constructed and installed the track for the boring machine. Contractor also had Welch set silt fencing at the north end of the project. Contractor also completed mulching where silt fencing was eliminated.

Informational:
3 Misc

On Monday, 2-21-2022. Augers Unlimited worked preparing placing augers inside steel casings. Contractor also removed fallen debris out of drill pit.

Feb 23, 2022. Not working due to extreme cold!

On Friday 2-25-2022. Contractor completed low levels of work. Auger repair, Auger machine engine repair and material identification. Contractor also had encasement pipe delivered.

On Saturday, 2-26-2022. Augers Unlimited finally was able to set bore machine, auger and encasement in bore pit. Contractor faced numerous stoppages and set backs before boring first 8 to 9 ft. Auger seem to trail to the right a little so a shim was made and welded to the casing to prevent veering. Rail road inspectors were present with (3) Augers Unlimited workers and myself.

Informational:
4 Misc

On Monday, 2-28-2022. Augers Unlimited resumed boring for sewer. Still having trouble getting proper alignment but drilled for the first encasement to enter hole.

On Tuesday, 3-01-2022, contractor having issues with thawing of soil bank at auger entrance. Having to dig out debris that falling on the encasement. Contractor could not weld next casing before drilling can start up again.

On Wednesday 3-02-2022. The contractor has added the next encasement pipe and auger to the existing encasement pipe. This process is time

consuming due to the time it takes to weld the two casing together. Rail Road inspector and flagger are present.

On Thursday, 3-03-2022 contractor resumed boring. Completed (1) section of pipe = (18ft) Redford mobilized pipe and placed it throughout sewer system. Safety officer visited project site and found bank around bore pit had began to collapse and contractor was asked to fill in in with dirt or hay bales. Hay bales were used.

On Friday, 3-04-2022. The boring resumed. Next casing was welded and boring resumed. Materials (man holes, cast iron pipe and lactic pipe was brought out and stockpiled. Manholes were also placed on the west side of the the train tracks.

On Sat. 3-05-2022. Boring resumed casing was welded on for next section (20ft) to be drilled. Was notified of a buffer area of 70ft from the center of the train tracks. 35ft each way - all boring has to be completed each day in a row until the 70ft zone has passed. Meaning weekends will be worked.

Informational:
5 Misc

On Wednesday, 3-09-2022. Augers Unlimited resumed boring. Contractor has 30LF left to boring totally under the railroad tracks.

No work on Thursday 3-10-2022 due to snow storm with accumulation.

On Friday 3-11-2022. Contractor resumed boring. Drilled approx 15 LF of casing leaving approx 15 LF left to complete bore.

Informational:
6 Misc

On Monday, 3-14-2022. Contractor Augers Unlimited bored final 15 ft of casing completing boring. Contractor Redford Excavating dug west pit to receive bore casing.

Sunny 63

On Tuesday, 3-15-2022. Augars Unlimited began de-mobilization. Contractor removed all auger from the casings and started loading materials for removal. Redford Excavating completed digging west bore pit and mobilized bi-pass pumps to Man Hole 54-002. Contractor also mobilizing rock and new man hole to be installed.

Sunny High -- 72

Wednesday, 3-16-2022. It was determined the bored 42 in casing installed is approx 2" to high at the out flow on the west side of the pit. All work has been stopped pending a solution and approval from the Rail Road. Redford Excavating cannot set man hole of any pipe.

Cloudy Rain off and on 43 degrees

Project stopped on Tuesday 3-16-2022. Augers Unlimited finished boring but found the final elevation on the out flow of the casing to be 2" high. Contractor sending Rail Road with a recommendation. All work has stopped.

Informational:

7 Misc

Monday, 3-28-2022 - High 53 Sunny
Redford Excavating began to place spacers on 30" plastic pipe for placement in steel casings bored under railroad tracks. Augers Unlimited and railroad tech are present as well. Contractor placed approx 140 LF of 30" PVC pipe.

Cloudy 72 degrees

Tuesday 3-28-2022, Contractor resumed sewer installation. Contractor placed MH A-1 and connected to existing 24 inch pvc sanitary sewer. Contractor connected 30" sewer to man hole. Augers Unlimited removed all equipment from bore pit and began to haul off all there materials.

Cloudy cold and windy 40 high

Wednesday, 3-30-2022 not working due to over night rain. Too wet.

Informational:

8 Misc

On Monday, 4-04-2022. Redford Excavating set manhole A-2 and removed shoring from bore pit. Contractor back filled pit and Manhole.

On Tuesday, 4-05-2022. Redford Excavating completed small amounts of grading getting ready for sewer install. Contractor preparing for sewer interception. Also Lance from water/pollution and a lady(engineer) came and pulled MH lids to check the debris found at MH A-1. They determined the system was working fine and no cleaning is necessary at this time.

Informational:

9 Misc

On Monday, 4-11-2022, Redford Excavating resumed Sanitary Sewer installation. Contractor laid approx 60 LF of 30" plastic pipe and back filled. Interceptor in service for about 3,000 ft.

On Tuesday, 4-12-2022. Contractor resumed sewer installation. Contractor placed approx 160 LF of 30" sewer pipe and back filled pipe.

Not Working to wet 4-13-2022

On Thursday, 4-14-2022. Contractor resumed sewer installation and backfill of trench. Placed approx 80 LF of sewer.

On Good Friday, 4-15-2022 (JMJ). Contractor resumed installation and backfilled of trench.

Informational:

10 Misc

On Monday 4-18-2022. Redford Excavating resumes sewer installation. Contractor installs approx 140 LF of 30" sanitary sewer and back filled pipe between MH 's 54-004 and 54-005.

on Tuesday 4-19-2022, the contractor resumed sewer installation. Contractor installed approx 160 LF of sewer and backfilled.

On Wednesday, 4-20-2022 Redford Excavating installed approx 80 LF of 30" pvc and also set MH - 005.

Informational:

11 Misc

On Thursday, 4-21-2022. Redford Excavating resumed sanitary sewer installation. Contractor installed approx 160 LF of 30" sewer and backfilled.

On Monday, 4-25-2022 Redford Excavating set MH- 006 and approx 300LF of 30" Sanitary Sewer pipe. 180ft of the pipe was set on Friday and backfilled.

On Tuesday, 4-26-2022. The contractor resumed sewer installation at MH 006 and ductal pipe began to be installed. The first water crossing is approx 100' and pipe will have a reinforced casing over the crossing.

On Tuesday, 4-26-2022 and issue developed where the (4) sections of ductal pipe placed had to be removed because they leaked. The sections were removed and tomorrow the supplier will come and review this situation before we go any further.

On Wednesday, 4-27-2022. The supplier came and determined the male insert end of the pipe sizes varied causing the leak from the bell and the male insert. We are waiting on an answer to fix this issue.

Informational:

12 Misc

On Monday 5-09-2022, Redford Excavating installed approx. 80 LF, of 32" ductile pipe and placed reinforcing for the concrete incasement. Daniel for Redford Excavating performed pressure test for priory installed ductile pipe. Pipe held pressure test and contractor resumed pipe placement.

On Tuesday and Wednesday 5-11-2022, I was in class all day and Steve Robins covered for me. The contractor placed enough ductile pipe to sat steel and pour the reinforced concrete incasement under the water crossing.

On Thursday, 5-12-2022. The contractor had the testing lab out the perform compaction test over the sanitary Sewer. All test passed compaction. The contractor also poured inverts for (4) MH 2 thru 5. It was determined MH number A4 had a crack in the bottom man hole section. Manufacturing company with come out to seal the crack.

Comments: