

PUBLIC WORKS ENGINEERING DIVISION

Inspection Summary

Permit #: PRSUBD20180158, Development - Subdivision
Park Ridge 6th Plat

Address:

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-Sanitary Sewer Construction Inspection Informational	Jeremy Young	Partial	Thursday, June 07, 2018

1 Jeremy Young 03/20/2018 11:23 AM Contractor has begun working on Sanitary Line C. They have run approximately 50' of line. There is at least 6" of rock surrounding the sanitary line. The pipe is SDR-26 and Manufactured within the last year. The pipe size is 8".

Informational

2 Jeremy Young 03/21/2018 12:53 PM John DiMauro and I met with the contractor. The crew was working on sanitary line C. They were connecting to manhole C-1. The 8" C-900 pipe had sufficient rock at least 6" surrounding the pipe. The box C-1 had at least 4" of rock below the bottom structure.

Informational

3 Jeremy Young 03/22/2018 9:40 AM Contractor is working on sanitary sewer stubs for the Line C. They have 2 stubs for installation. Will inspect after WYE installation.

Informational

4 Jeremy Young 03/22/2018 2:59 PM Contractor installed 2 Wye connections along with the tracer wire. The Wye connections were SDR 26 and the pipe was SDR 26. They Wye appeared to be put in the proper position. There was at least 6" of rock surrounding the pipe. The contractor is adding trench checks for the stubs which will be flowable fill.

Informational

5 Jeremy Young 03/23/2018 10:25 AM Contractor is working on sanitary sewer stub for lot. There is at least 6" of rock surrounding the pipe and the tracer wire is being run across the top of the pipe. They will continue.

Informational

6 Jeremy Young 03/23/2018 2:40 PM Crew is continuing to install 8" line from manhole C-1. Crew installed approximately 30 feet of sanitary main. There is at least 6" of rock surrounding the pipe and the crew will backfill.

Informational

- 7 Jeremy Young 03/28/2018 8:58 AM Crew is continuing work on sanitary line C. There is at least 6" of rock below and surrounding the pipe. They will be working toward MH C-2.

Informational

- 8 Jeremy Young 03/28/2018 3:15 PM Contractor has added sanitary line to MH C-2. They have set the MH and had at least 6" of rock under the MH. They had at least 6" of rock surrounding the pipe. They were backfilling and compacting toward the MH.

Informational

- 9 Jeremy Young 03/29/2018 9:45 AM John DiMauro and myself met with the contractor. They are installing Sanitary Main from MH C-2 to MH C-3. They have added the stub for building lot. There is sufficient rock bedding more than 6" surrounding the pipe. The tracer wire is present. They will be working to the MH.

Informational

- 10 8Jeremy Young 03/29/2018 1:52 PM John DiMauro and I were on site. The crew has added MH C-3 and tied into it. There is sufficient bedding material below the MH. They have installed 2 WYE connections for stubs. The tracer wire is present. There is at least 6" of material surrounding the pipe. They have poured the trench checks for the sanitary stubs in flowable fill.

Informational

- 11 Jeremy Young 03/29/2018 3:03 PM Crew is adding sanitary main from MH C-2. They have added approximately 40 feet from MH-2. There is at least 6" of rock bedding surrounding the pipe.

Informational

- 12 Jeremy Young 03/30/2018 10:30 AM John DiMauro and I were on site. The crew was working on sanitary line D they have added 1 Wye connection along with the tracer wire. They have sufficient rock surrounding the pipe and WYE connection. They will pour trench checks this afternoon.

The crew was working to uncover the existing MH for the sanitary line A. They will continue to uncover the MH.

Informational

- 13 Jeremy Young 03/30/2018 3:10 PM John DiMauro and I were on site. The crew was pouring inverts for MH C-1, MH C-2, MH C-3. They were poured in KCMMB 4K mix. They are starting to backfill.

Informational

- 14 Jeremy Young 04/02/2018 9:05 AM John DiMauro and I were on site. The contractor is working on the sanitary line A. They are adding a trench box and setting up to core drill the existing manhole.

The crew is also working on Sanitary Line D. They have sufficient rock covering the pipe at least 6". They will continue.

Informational

- 15 Jeremy Young 04/02/2018 11:36 AM Crew is working on Sanitary line D. They are adding 2 WYE connections in line from MH D-1 to MH D-2. There is at least 6" of rock surrounding

the pipe and the tracer wire has been installed. They will backfill. The crew has discovered a discrepancy between the plans and the % drop between MH D-1 and MH D-2. The plans call for a 1.41% drop and the calculations are approximately 2.1%.

The crew is in the process of core drilling the existing MH 094-044. This will begin work on Line A.

Informational

- 16 Jeremy Young 04/02/2018 1:35 PM Crew core drilled existing MH 09A-004. They have added the WYE connection for the sanitary stub to Lot 321. There is 4'2" between the WYE connection and the existing MH. There is at least 6" of rock surrounding the pipe. They will add trench check in flow fill and run the tracer wire. There are rings broken on the existing MH and the crew will replace them.

Informational

- 17 Jeremy Young 04/02/2018 3:38 PM Crew was pouring trench checks for 3 sanitary stubs on line D and Line A. They will backfill.

Informational

- 18 Jeremy Young 04/04/2018 9:49 AM Crew is working on Sanitary line D they have added 2 WYE connections which were close to minimum requirements for distance. They were able to keep the distances needed. They have added the sufficient rock surrounding the pipe. The tracer wire is present.

They are working on Sanitary Line A. They have added 1 stub and have adjusted for the fire hydrant assembly. They have added sufficient rock and the tracer wire is present.

Informational

- 19 Jeremy Young 04/04/2018 3:13 PM John DiMauro and I were on site. The crew was installing Sanitary Line A they have added 3 stubs and an adjustment for the fire hydrant. They have at least 6" of rock surrounding the pipe. They have installed the tracer wire and are installing the trench checks.

The crew was working on Sanitary line D and they have installed 3 WYE connections. They have at least 6" of rock surrounding the pipe and the tracer wire is present on the stubs. They will add the trench checks today. They have placed MH D-2. They have at least 6" of rock under the MH. They will backfill.

Informational

- 20 Jeremy Young 04/05/2018 9:45 AM Crew has started Sanitary Line B. They have uncovered the core drilled opening and beginning the connections.

Informational

- 21 Jeremy Young 04/05/2018 4:22 PM Crew continued on Sanitary B line adding 3 WYE connections. They have at least 6" of rock surrounding the pipe. The tracer wire is present and the trench check was done with FFlowable Fill. They will backfill.

They crew continued on Sanitary Line A. They have added approximately 40' of pipe with 1 stub. They have sufficient rock surrounding the pipe. They tracer wire and trench checks

are present. They will backfill.

Informational

- 22 Jeremy Young 04/06/2018 10:18 AM Crew is continuing to work on Sanitary Line A and B. They have sufficient rock surrounding the pipe. They will continue work.

Informational

- 23 Jeremy Young 04/06/2018 2:50 PM Crew is working on Sanitary Line A and B. They have installed approximately 60' on Line B and 40' on line A.

They have installed 2 WYE connections on line B. There is sufficient rock covering the pipe. The trench checks and tracer wire are present. They will begin backfilling.

They have installed 1 WYE connection on line A. There is sufficient rock covering the pipe. They have added the trench check and the tracer wire is present. They will backfill.

Corrective Action Required

- 24 Jeremy Young 04/09/2018 9:31 AM Crew is working on Sanitary Line B they have added approximately 20' of main this morning. They have also begun working on the next stub for the lot.

The crew is working on line A also. They have added approximately 20' of pipe this morning.

Informational

- 25 Jeremy Young 04/09/2018 3:33 PM Troy Thompson and I were on site. The crew was working on Sanitary Line B. They added approximately 40' of main and installed MH B-1. There was sufficient rock bedding for the MH. They had at least 4" of rock. They added 2 sanitary stubs. There was at least 6" of rock surrounding the pipe. They added the trench checks and the tracer wire was present. They will backfill.

They crew was installing Sanitary Line A they added approximately 60' of pipe for the main. They also added MH A-1. There was sufficient rock bedding at least 4" and the pipe had at least 6" of rock surrounding the pipe. They added 1 sanitary stub. They have installed the trench check and the tracer wire was present. They will backfill.

Informational

- 26 Jeremy Young 04/10/2018 10:54 AM Crew is continuing to work on Sanitary Line B. They have installed MH B-1 and are almost to MH B-2. They have added approximately 40' of pipe and 2 stubs. They have sufficient rock surrounding the pipe and are backfilling. They stubs have sufficient rock and the tracer wire is present. They will add the trench checks.

The crew is working on Sanitary Line A they have installed MH A-1 and have added approximately 30' of main from the manhole. They have added 1 stub and there is sufficient rock and they tracer wire is present. They will add trench checks this afternoon. I have informed the crew to watch the backfill and the material around the MH.

Informational

- 27 Jeremy Young 04/10/2018 3:25 PM Crew installed MH B-2. There was sufficient rock base below the MH. They also added 2 sanitary stubs. They have at least 6" of rock surrounding

the pipe. The stubs have trench checks and tracer wires. They will backfill.

Crew is working on line A they have added approximately 80' of pipe and 2 sanitary stubs. They have at least 6' of rock surrounding the pipes. They have trench checks and tracer wires for the stubs. They will backfill.

Informational

28 John DiMauro 04/11/2018 10:02 AM

The crew on site installed the inverts for manholes B-1 & B-2. I verified the correct concrete type. The inverts appear to meet the city standards. The crew is working on setting MH B-3 at this time. There appears to be sufficient rock bedding.

The crew is continuing the run for the sanitary Line A. I will return this afternoon for further inspection.

Informational

29 John DiMauro 04/12/2018 1:40 PM

The sanitary sewer line installation is complete. The crew is going to pour the last of the inverts today.

Once the inverts are poured the system will set for a minimum of thirty days from today's date before any testing of the system can begin.

I will return tomorrow morning to verify that the inverts are installed to the city standards.

Informational

30 Jeremy Young 06/07/2018 9:46 AM Water Dept has identified 3 sags in the sanitary line. They are

9a-015- 9a-018 - 147'- 158' a .3° incline is holding 10% water

9a-015 – 9a-016 – 178' – 185' a 1.2° incline going into the manhole is holding water at 10% pipe

9a-014 – 09a-001 – 119' – 127' a 1.23° incline going into the manhole is holding water at 10% pipe

The crew is on site working on correcting those sags.

Informational

31 Jeremy Young 06/07/2018 1:54 PM Crew has finished fixing the sags indicated by the water department. They have backfilled and the 30 day clock has started for re-inspection. Will be able to re-inspect on 7/7/18

DEI-Sanitary Sewer

Jeremy Young

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The crew was working to uncover the existing MH for the sanitary line A. They will continue to uncover the MH.

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The crew is also working on Sanitary Line D. They have sufficient rock covering the pipe at least 6". They will continue.

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to keep the distances needed. They have added the sufficient rock surrounding the pipe. The tracer wire is present.

They are working on Sanitary Line A. They have added 1 stub and have adjusted for the fire hydrant assembly. They have added sufficient rock and the tracer wire is present.

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They have installed 1 WYE connection on line A. There is sufficient rock covering the pipe. They have added the trench check and the tracer wire is present. They will backfill.

Corrective Action Required

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The crew is working on line A also. They have added approximately 20' of pipe this morning.

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They crew was installing Sanitary Line A they added approximately 60' of pipe for the main. They also added MH A-1. There was sufficient rock bedding at least 4" and the pipe had at least 6" of rock surrounding the pipe. They added 1 sanitary stub. They have installed the trench check and the tracer wire was present. They will backfill.

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The crew is working on Sanitary Line A they have installed MH A-1 and have added approximately 30' of main from the manhole. They have added 1 stub and there is sufficient rock and they tracer wire is present. They will add trench checks this afternoon. I have informed the crew to watch the backfill and the material around the MH.

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The crew is continuing the run for the sanitary Line A. I will return this afternoon for further inspection.

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The crew is on site working on correcting those sags.

Comments:
