

PUBLIC WORKS ENGINEERING DIVISION

Inspection Summary

Permit #: PRPWFR20171420,
 CREEKSIDE AT RAINTREE

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-Water Line - Fire Hydrant	Brice Lawson	Partial	Thursday, April 26, 2018

Corrective Action Required

- 1 Brice Lawson 04/26/2018 4:03 PM
 Finish installing the polywrap up to the bury line and seal with proper tape.

DEI-Storm - Sewer Construction Inspection	Brice Lawson	Partial	Thursday, April 26, 2018
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Informational

- 1 Brice Lawson 12/19/2017 3:55 PM
 CI 1-20E and CI 1-20D have been installed on a bed of clean rock. The 15" ADS HDPE storm pipe has been installed between these curb inlets. The pipe has been bedded on clean rock. The inverts, interior and exterior collars have been installed at these curb inlets. Approx. 130' of the 18" ADS HDPE has been installed in the trench but it has not been covered with rock.

Informational

- 2 Brice Lawson 12/20/2017 3:22 PM
 The 130' of 18" HDPE from CI 1-20D towards CI 1-20C has been bedded and covered with clean rock.

Informational

- 3 Brice Lawson 01/09/2018 11:39 AM
 Precision is installing the storm structures and HDPE storm pipe for storm lines 1-10 and 1-11. It appears that the pipes are being installed on a bed of clean rock. The bell ends are facing up hill.

The hdpe pipe has been installed between CI 1-10C and MH 1-10B. The trench width is too

narrow. I informed George of this and he said they plan to dig this trench wider.

Informational

- 4 Tom Chandler 01/25/2018 7:21 AM Installed the remaining 30" HDPE pipe for line 1-10. Installed last section towards MH 1-10B. Did not backfill.

Informational

- 5 Tom Chandler 01/25/2018 4:40 PM Installed 53 ft. of 24" HDPE pipe from MH1-10E to MH 1-10F. Installed MH 1-10F as well. Installed MH 1-10F at station 5+86. Backfilled with rock and will pour collars and inverts on 1/26/2018.

Informational

- 6 Brice Lawson 02/08/2018 5:38 PM
CI 1-20C has been installed it is 5' by 3'. The remainder of the 18" HDPE storm pipe was installed from the curb inlet to the previously installed pipes. The collars have been installed. The invert has been installed. The CI was installed on a bed of clean rock.

Corrective Action Required

- 7 Brice Lawson 03/27/2018 1:45 PM
MH 1-10D was originally designed to have a 4" frame. The contractor has received a approved change to install a 9" frame.

It appears that the bell has been removed from the underside of the concrete lid. The spigot has been removed from the top of the manhole wall. It appears that bars have been installed @12" O/C and it appears that epoxy has been applied to the holes. The frame has been installed. The 4" adjustment ring has not been installed. The contractor stated that they would have to remove more of the top of the manhole wall to use the adjustment ring. I asked Dan about this and he is ok with the adjustment not being installed.

It does not appear that the frame has been sealed to the concrete lid. I asked Jake with Precision about this and he is going to check on this.

Informational

- 8 Brice Lawson 04/10/2018 3:39 PM
A revision to storm line 1-20 dated 4/5/18 has been submitted, approved and delivered to the contractor. This revision was done due to a conflict with the existing sanitary force mains.

Informational

- 9 Corrections need to be made to the Storm Sewer
Brice Lawson 04/23/2018 4:09 PM
A partial inspection of the storm sewer structures for storm line 1-10 and 1-11 has been started. I will make a list of items that need to be corrected.

Corrective Action Required

- 10 Corrections need to be made to the Storm Sewer
Brice Lawson 04/26/2018 4:06 PM
-Grout the curb throats on the inside of the curb inlets
-Grout curb inlet lids
-Remove the knockouts from the CI weep holes

- Remove the lift cables from the storm structure lids
- Remove debris from inside the curb inlets
- Have contractor verify that the joints for the manhole frames in MH 1-10E and MH 1-10D have been sealed with mastic
- Repair the wall inside MH 1-10D where it appears the steel is exposed
- Properly seal the joint between the concrete lid and the manhole wall in MH 1-10D

DEI-Storm - Pipe

Brice Lawson

Partial

Thursday,
April 26, 2018

Corrective Action Required

1 A main inspection has uncovered the following problems.

Brice Lawson 04/26/2018 3:59 PM

The 15" HDPE storm pipe below CI 1-11D is holding approx. 2.24" of water where it meets the invert. The pipe is not draining properly. Make proper corrections.

The 15" HDPE storm pipe below CI 1-20E is not draining properly. It appears to be holding approx. 1.75" of water where the pipe meets the invert.
Make proper corrections.

Comments:
