

PUBLIC WORKS ENGINEERING DIVISION

Inspection Summary

Permit #: PRPWFR20171746, Public Works Infrastructure Permit - Residential
 Manor at Stoney Creek 2nd - street, storm, sewer and water

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-Storm - Sewer Construction Inspection	Brice Lawson	Partial	Tuesday, November 14, 2017

Informational

- 1 Brice Lawson 11/10/2017 11:35 AM
 Redford has installed CI 4-1, CI 4-2, CI 4-3 and CI 4-4. The 15" HDPE storm pipe has been installed between CI 4-4 and CI 4-3. The 18" HDPE pipe has been installed between CI 4-3 and CI 4-2. The 24" HDPE pipe has been installed between CI 4-2 and CI 4-1. The remainder of the 24" HDPE storm pipe has been installed between CI 4-1 and FI 2-5. There is approx. 30" of clearance between the existing 12" water main and the 24" storm pipe at the water main crossing on storm line 4. This crossing is just north of FI 2-5. The exterior collars have been installed on CI 4-1 and CI 4-2. The exterior collar on the west pipe at CI 4-4 has been installed. The north pipe collar and invert have been installed at FI 2-5. The west exterior pipe collar has been installed at CI 2-1. The concrete lids have been installed on FI 2-3, FI 2-4 and FI 2-6.

Informational

- 2 Brice Lawson 11/14/2017 1:36 PM
 Redford installed CI 4-5 and the 15" HDPE storm pipe from CI 4-5 to CI 4-4. The invert and east exterior pipe collar has been installed at CI 4-4. The west pipe collar and invert were being installed.

DEI-Water Line - Construction Inspection	Brice Lawson	Partial	Tuesday, November 14, 2017
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Informational

- 1 Brice Lawson 11/10/2017 11:30 AM

Redford installed 40' of 8" C900 water main with tracer wire and water line marker tape. The line appeared to be installed at least 42" from current grade. The pipe was bedded in clean rock. This line was installed on water line 1 from approx. STA. 11+48 to approx. STA. 11+88. The line was being backfilled in lifts. The trench was opened up over 48" wide and KC Testing was on site to perform compaction testing.

Informational

- 2 Brice Lawson 11/10/2017 2:57 PM
Redford installed 40' of 8" C900 water line on water line 1 from STA 3+25 to STA. 3+65. Tracer wire and bury tape have been installed with this water line.

Informational

- 3 Brice Lawson 11/13/2017 11:47 AM
Redford installed the 8" C900 water line with tracer wire for water line 1 from approx. STA. 0+29.17 to STA. 1+39.99. The Tee fitting has been installed at STA. 1+39.99.

Informational

- 4 Brice Lawson 11/13/2017 2:46 PM
Redford installed the 8" gate valve on line 2 near STA. 0+00. Approx. 74' of C900 water line has been installed from STA. 0+00 to approx. STA. 0+74. Tracer wire has been installed with this pipe and utility marker tape is being installed in the trench. Two vertical 45 degree bend fittings have been installed with rebar loops around the fittings. The rebar loops have been installed in a thrust block below the 45 degree fittings. KC Testing is on site to observe compaction testing for the water line. The DI fittings have been wrapped in 12 mil poly wrap and the T bolts have been sprayed with an undercoating.

A thrust block has been installed on the 45 degree bend fitting on line 1 at STA.0+95.15.

MCIB WA610 concrete was used for the thrust blocks.

Informational

- 5 Brice Lawson 11/14/2017 1:23 PM
Redford installed an 8" Clow gate valve just west of the Tee fitting located at STA. 0+00 on water line 2. A 1' piece of C900 was installed between the valve and the tee fitting. A thrust block has been installed on the tee fitting. A tracer wire has been installed over to the gate valve.

DEI-Sanitary Sewer - Vacuum Brice Lawson

Passed

Tuesday,
November
14, 2017

Resolved

- 1 Brice Lawson 11/01/2017 4:21 PM
On 10/31 Redford attempted to vac test MH U-1 but the vac of 10" of mercury was not achieved due to a leak. Make proper corrections and perform test

MH A-1, Redford attempted to vac test but the vac of 10" of mercury was not achieved due to a leak. It appears there is a leak at the adjustment ring joint. Make proper corrections

DEI-Sanitary Sewer - Air Test Brice Lawson

Partial

Tuesday,
November
14, 2017

Informational

1 Brice Lawson 11/14/2017 6:52 AM

On 11-9-17 Bryan Byrd witnessed air testing on the following sanitary sewer line segments.

MH B-1 to MH B-2 Test Passed

MH B-2 to MH B-3 Test Passed

Comments:
