

PUBLIC WORKS ENGINEERING DIVISION

Inspection Summary

Permit #: PRPWFC20162083, Public Works Infrastructure Permit - Commercial
WATER UTILITIES FACILITY
Address: 1200 SE HAMBLER RD, LEES SUMMIT, MO 64081

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:
PW-Storm - Sewer Construction Inspection	Brice Lawson	Partial	Thursday, January 26, 2017

Informational

- 1 Brice Lawson 11/03/2016 3:58 PM
She Digs It began removing the wall on the existing CI-8479 in preparation to the connection to this CI.

Informational

- 2 Brice Lawson 11/07/2016 3:09 PM
She Digs It installed CI 10A and poured the invert and collar around the 38"by 60" concrete elliptical pipe.

CI 10A was butted up next to the existing CI 8479 and the joint between the two has been partially grouted. Four rebar pins were drilled into the base of the existing CI and poured in the invert of CI 10A.

Gene Williams and I discussed this connection to the existing CI today.

Informational

- 3 Brice Lawson 11/28/2016 10:56 AM
The exterior pipe collars have been installed at the HDPE storm pipe connections for MH 30C and GI 30D.

Corrective Action Required

- 4 Brice Lawson 11/29/2016 2:24 PM
The interior collars and the inverts were installed in GI 30E, GI 30D and MH30C.

The invert in MH 30C needs to be smoothed.

Corrective Action Required

5 Brice Lawson 11/30/2016 2:36 PM
The oufall structure 10C has been installed and the 48" HDPE pipe has been connected to it. The collar and invert have been installed.

The collar on the inside of the structure needs to be filled in.

Informational

6 Brice Lawson 12/02/2016 7:05 AM
On 12/1/16 MH-40B base was installed and the remaining 12" HDPE pipe towards the pond.

CI 30B base was installed. The remaining 30" HDPE pipe towards the pond was installed and connected to CI 30B. The remaining 30" HDPE pipe was installed towards MH 30C.

Corrective Action Required

7 Brice Lawson 12/02/2016 3:45 PM
She Digs It poured the interior pipe collars on CI 30B. They installed CI 31A and connected the 18" HDPE pipe from CI31A to CI30B.

They installed the invert, interior and exterior collars on MH40B

The lid for MH 30C has been installed but needs to be seated down on the base section.

Informational

8 Brice Lawson 12/12/2016 3:52 PM
The base for GI 40C was installed and the remainder of the 12" HDPE storm pipe was installed between GI 40C and MH 40B

Informational

9 Brice Lawson 12/30/2016 3:33 PM
She Digs It installed the 4" underdrain into the southeast side of GI 30D and sealed the hole that was made in the manhole.

They installed the top section and lid with grate on GI 40C.

Informational

10 Brice Lawson 01/12/2017 4:10 PM
She Digs It installed the remainder of the 36" HDPE storm pipe between 20A and 20B which was about 20'. The base for MH-20B has been installed.

Informational

11 Brice Lawson 01/13/2017 3:44 PM
She Digs It installed the cone section on MH 20B. They installed 20' of the 30" HDPE pipe towards CGI 20C. They installed collars on the connections of the 36" and 30" HDPE pipes at MH 20B and the invert in the MH 20B

Informational

12 Brice Lawson 01/17/2017 3:46 PM
She Digs It installed FES 50A and connected 20' of 42" HDPE storm pipe.

Informational

13 Brice Lawson 01/18/2017 2:51 PM
She Digs It installed the remainder of the 42" HDPE storm pipe between CI 50B and FES 50A. They installed CI 50B and installed approx 35' of 42" HDPE from CI 50B towards FI 50C. They are using 3/4" rock for bedding. They installed the interior and exterior collars and invert in CI50B.

Informational

14 Brice Lawson 01/19/2017 4:53 PM
She Digs It installed the remainder of the 42" HDPE storm pipe between CI 50B and FI 50C. They installed the invert and collars for FI 50C.

Informational

15 Brice Lawson 01/26/2017 11:37 AM
On 1/24/17 She Digs It installed JB 10B, installed the remainder of the 38" by 60" elliptical RCP pipe and conncted this pipe to JB 10B. They installed the remainder of the 48" HDPE pipe between 10C and JB 10B and conncted it to JB 10B. The collars were installed and the invert was poured.

Informational

16 Brice Lawson 01/26/2017 11:43 AM
On 1/25/17 She Digs It installed the installed the 18" culvert at the southwest corner of the site. They installed the dual 24" HDPE mitered pipes at the northwest corner of the site.

The space between the dual mitered pipes was not filled with flowable fill to the spring line as shown on the plans. Casey Williams is aware of this and plans to have the Design Engineer address this issue.

Informational

17 Brice Lawson 01/26/2017 11:52 AM
She Digs It installed CGI 20C, installed and connected the remainder of the 30" HDPE pipe between CGI 20C and MH 20B. They installed CGI 20D and installed the 30" HDPE from CGI 20D to CGI 20C. The collars were installed on the pipes at CGI 20C. The invert was installed in CGI 20C. An opening was in the north wall of CGI 20D to accepert the roof drain.

PW-Fire Line Construction Brice Lawson Partial Thursday,
Inspection January 26,
2017

Informational

1 Tthey installed aproximately 50 ft of 6" fire line and 50 ft of 1" domestic copper covered with rock and backfilled. They also did approximatley 50 more feet up to the fire hydrant. They left that open and were not going to backfill. Steve Robbins 11/23/2016 7:31 AM

Informational

2 Brice Lawson 11/23/2016 3:22 PM
She Digs It installed the 6" fire line from apprx. STA. 6+00 almost to STA. 9+85.16. This is just north of the 2nd 22.5 bend fitting.

Informational

3 Brice Lawson 11/30/2016 12:26 PM

I discussed with Gene Williams that the fire line and the domestic water line that goes to the building will be flip flopped. The 6" fire line will cross the 4" domestic line due to this change.

Informational

- 4 Brice Lawson 11/30/2016 12:28 PM
She Digs It installed approx 45' of 6" C900 waterline at the T at the connection near the backflow vault.

Informational

- 5 Brice Lawson 12/22/2016 3:03 PM
She Digs It installed approx. 100' of 6" C900 fire line towards the building from where they left off previously.

Informational

- 6 Brice Lawson 12/30/2016 3:12 PM
She Digs It installed the rest of the 6" C900 fire line to the building including the riser in the building. They installed the thrust blocks on the T at the fire hydrant and on the fire hydrant that is on the east side of site.. They installed a thrust block at the connection to the irrigation connection to the 6" fire line. They installed a thrust block on the 90 degree bend at the building and a thrust block on the 90 degree bend at the base of the building riser.

Informational

- 7 Brice Lawson 01/26/2017 11:48 AM
On 1/14/17 She Digs It removed the 6" gate valve and the short piece of C900 from the T fitting at the 8" main. They installed a 6" anchor spool and attached the 6" valve to the anchor spool. This was done due to the contractor wanting to test this section of water line.

PW-Storm - Sewer
Construction Inspection

Brice Lawson

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She Digs It began removing the wall on the existing CI-8479 in preparation to the connection to this CI.

Informational

- 2 Brice Lawson 11/07/2016 3:09 PM
She Digs It installed CI 10A and poured the invert and collar around the 38"by 60" concrete elliptical pipe.

CI 10A was butted up next to the existing CI 8479 and the joint between the two has been partially grouted. Four rebar pins were drilled into the base of the existing CI and poured in the invert of CI 10A.

Gene Williams and I discussed this connection to the existing CI today.

Informational

3 Brice Lawson 11/28/2016 10:56 AM

The exterior pipe collars have been installed at the HDPE storm pipe connections for MH 30C and GI 30D.

Corrective Action Required

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The interior collars and the inverts were installed in GI 30E, GI 30D and MH30C.

The invert in MH 30C needs to be smoothed.

Corrective Action Required

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The oufall structure 10C has been installed and the 48" HDPE pipe has been connected to it. The collar and invert have been installed.

The collar on the inside of the structure needs to be filled in.

Informational

6 Brice Lawson 12/02/2016 7:05 AM

On 12/1/16 MH-40B base was installed and the remaining 12" HDPE pipe towards the pond.

CI 30B base was installed. The remaining 30" HDPE pipe towards the pond was installed and connected to CI 30B. The remaining 30" HDPE pipe was installed towards MH 30C.

Corrective Action Required

7 Brice Lawson 12/02/2016 3:45 PM

She Digs It poured the interior pipe collars on CI 30B. They installed CI 31A and connected the 18" HDPE pipe from CI31A to CI30B.

They installed the invert, interior and exterior collars on MH40B

The lid for MH 30C has been installed but needs to be seated down on the base section.

Informational

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The base for GI 40C was installed and the remainder of the 12" HDPE storm pipe was installed between GI 40C and MH 40B

Informational

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She Digs It installed the 4" underdrain into the southeast side of GI 30D and sealed the hole that was made in the manhole.

They installed the top section and lid with grate on GI 40C.

Informational

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She Digs It installed the cone section on MH 20B. They installed 20' of the 30" HDPE pipe towards CGI 20C. They installed collars on the connections of the 36" and 30" HDPE pipes at MH 20B and the invert in the MH 20B

Informational

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She Digs It installed FES 50A and connected 20' of 42" HDPE storm pipe.

Informational

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She Digs It installed the remainder of the 42" HDPE storm pipe between CI 50B and FES 50A. They installed CI 50B and installed approx 35' of 42" HDPE from CI 50B towards FI 50C. They are using 3/4" rock for bedding. They installed the interior and exterior collars and invert in CI50B.

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On 1/24/17 She Digs It installed JB 10B, installed the remainder of the 38" by 60" elliptical RCP pipe and connected this pipe to JB 10B. They installed the remainder of the 48" HDPE pipe between 10C and JB 10B and connected it to JB 10B. The collars were installed and the invert was poured.

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She Digs It installed CI 10A and poured the invert and collar around the 38"by 60" concrete elliptical pipe.

CI 10A was butted up next to the existing CI 8479 and the joint between the two has been partially grouted. Four rebar pins were drilled into the base of the existing CI and poured in the invert of CI 10A.

Gene Williams and I discussed this connection to the existing CI today.

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The exterior pipe collars have been installed at the HDPE storm pipe connections for MH 30C and GI 30D.

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The interior collars and the inverts were installed in GI 30E, GI 30D and MH30C.

The invert in MH 30C needs to be smoothed.

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The outfall structure 10C has been installed and the 48" HDPE pipe has been connected to it. The collar and invert have been installed.

The collar on the inside of the structure needs to be filled in.

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On 12/1/16 MH-40B base was installed and the remaining 12" HDPE pipe towards the pond.

CI 30B base was installed. The remaining 30" HDPE pipe towards the pond was installed and connected to CI 30B. The remaining 30" HDPE pipe was installed towards MH 30C.

Corrective Action Required

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She Digs It poured the interior pipe collars on CI 30B. They installed CI 31A and connected the 18" HDPE pipe from CI31A to CI30B.

They installed the invert, interior and exterior collars on MH40B

The lid for MH 30C has been installed but needs to be seated down on the base section.

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On 1/24/17 She Digs It installed JB 10B, installed the remainder of the 38" by 60" elliptical RCP pipe and connected this pipe to JB 10B. They installed the remainder of the 48" HDPE pipe between 10C and JB 10B and connected it to JB 10B. The collars were installed and the invert was poured.

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On 1/25/17 She Digs It installed the installed the 18" culvert at the southwest corner of the site. They installed the dual 24" HDPE mitered pipes at the northwest corner of the site.

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Comments:
