

PUBLIC WORKS ENGINEERING DIVISION

Inspection Summary

Permit #: PRPWFC20162083, Public Works Infrastructure Permit - Commercial

WATER UTILITIES FACILITY

Address: 1200 SE HAMBLLEN 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-Erosion Sediment Control (ESC) Inspection	Brice Lawson	Partial	Wednesday, February 01, 2017

Corrective Action Required

- 1 Your project is in violation of the Erosion and Sediment control policy.
Brice Lawson 02/01/2017 2:17 PM
Repair the silt fence or replace silt fence as needed on this site. The silt fence has been knocked down, has become unattached or removed at different locations. All silt fence needs to be repaired and properly maintained.

The debris on SE Hamblen Rd. from Bailey to Oldham Pkwy needs to be removed. This includes what has collected in the curb line.

Stabilize the disturbed soil that was disturbed during the storm sewer construction on the east side of Hamblen Rd.

Stabilize all inactive areas on this site.

Informational

- 1 Brice Lawson 09/14/2016 10:05 AM
The site has recieved .74" of rain in the last 24 hours. The silt fence that is in place is effective and in good shape. The street is free of debris.

Informational

- 2 Brice Lawson 09/07/2016 1:16 PM
A section of silt fence has been added on the east side of site to catch silt from the

excavation of the retention pond.

Informational

3 Brice Lawson 08/31/2016 1:43 PM

The construction entrance has been installed with 2-30" culverts. There is a concern that the culvert pipes may make the entrance too tall for low clearance vehicles to access the site.

Informational

4 Brice Lawson 10/07/2016 11:11 AM

This site received 15/16" of rain in the last 24 hours. The ESC devices that are in place appear to be effective and the road is free of debris.

Informational

5 Brice Lawson 10/17/2016 11:37 AM

The ESC devices that are in place appear to be effective and in good shape. There does not appear that any excessive silt/sediment leaving the site. The street is free of debris. Casey said the triangular silt dikes for the swales are on back order.

Corrective Action Required

6 Temporary Seeding on your site does not meet the Design and Construction Manual.

Brice Lawson 10/28/2016 8:39 AM

Add the linear ESC device on the east side of the retention pond that was recently removed for grading operations.

Some seed was spread over most of the site but it did not produce much if any vegetation.

Corrective Action Required

7 Your project is in violation of the Erosion and Sediment control policy.

Brice Lawson 12/09/2016 10:57 AM

Stabilize inactive areas of the site in accordance with Section 5111 of the Lee's Summit Design and Construction Manual.

Repair and or replace the silt fence where it has been removed or knocked down and where it has become unattached from the wood stakes.

Install inlet protection around the installed curb inlets per the plan.

Informational

8 Brice Lawson 12/13/2016 3:16 PM

I met with Casey Williams to go over options that are in the Design and Construction Manual for the stabilization of the inactive areas of this site. He is coming up with a plan.

PW-Storm - Sewer
Construction Inspection

Brice Lawson

Partial

Wednesday,
February 01,
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 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.

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 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.

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 accept the roof drain.

Informational

18 Brice Lawson 01/27/2017 3:58 PM

She Digs It installed GI 21A and the 85' of 24" HDPE pipe from GI 21A to CGI 20D. They installed approx. 100' of 24" HDPE from CGI 20D towards CGI 20E.

Informational

19 Brice Lawson 01/31/2017 7:16 AM

She Digs It installed the invert and collar in GI 21A and the collars and invert in CGI 20D.

Corrective Action Required

20 Brice Lawson 02/01/2017 3:08 PM

The 18" culvert at the southwest corner of the site is proposed to be 25' in length. It has been installed and it measures approx. 20' in length.

-Make the proper adjustments to install this culvert according to the approved plan.-

The dual 24" mitered pipes have been installed at the northwest corner of the site without the space between them filled to the spring line with flowable fill as shown on the plan.

-Make the proper adjustments to these pipes to construct according to the approved plan.

PW-Water Line - Coliform Test 1	Brice Lawson	Partial	Wednesday, February 01, 2017
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Informational

1 Brice Lawson 02/01/2017 12:59 PM

She Digs It pulled the first day water sample for the 8" main that was installed from the 12" main to the 6" gate valve. The water sample was taken from a cap tap on the 6" gate valve.

PW-Water Line Construction Inspection	Brice Lawson	Partial	Wednesday, February 01, 2017
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Informational

1 Brice Lawson 01/30/2017 12:34 PM

She Digs It flushed the 8" water main that has been installed from the location where it has been tied to the existing 12" water main to the 6" gate valve that is installed near the 8" tee fitting. This water main section of water main is approx. 290' in length and was flushed for approx. 45 minutes.

Informational

2 Brice Lawson 02/01/2017 12:41 PM

On 1/31/17 She Digs It dechlorinated the 8" water main from the tie-in to the 12" water main to the 6" gate valve on fire line.

On 2/1/17 the first water sample was collected and taken to the lab at approx. 9:30 am.

PW-Storm - Rip Rap

Brice Lawson

Passed

Wednesday,
February 01,
2017

Informational

1 Brice Lawson 02/01/2017 3:19 PM

She Digs It installed the rip rap at the end of FES 50A on the east side of Hamblen Rd. The rip rap seemed to be at least the proper minimum size and was installed to the proper thickness. They installed filter fabric under the rip rap.

Comments:
