
PUBLIC WORKS ENGINEERING DIVISION

Inspection Summary

Permit #: PRPWFC20173801, Public Works Infrastructure Permit - Commercial

Residences at Echelon

Address: 3500 SW HOLLYWOOD DR, LEES SUMMIT, MO 64082

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	Matt Munger	Partial	Monday, March 12, 2018

Informational

- 1 Matt Munger 01/30/2018 10:40 AM While on site I observed Kat workers using a laser to align the storm pipe. They had started installing pipe from CI 1-2 that had been installed on 12/21/17. I observed an adequate amount of gravel below the pipe and on top of the storm pipe. I observed Daniel from Kat using pipe dope on the spigot ends of each section of pipe that was installed. They hadn't installed storm box 2-1. Kat had started on installing storm pipe between CI 1-2 to CI 1-3.

Informational

- 2 Matt Munger 01/30/2018 1:48 PM I observed the Kat workers using a laser to align the pipe from CI 2-1 to CI 4-1. There was adequate amount of gravel below the pipe and storm boxes. They covered the pipe to the top of the trench with gravel then capped over the gravel with dirt. Daniel said they were going to backfill with gravel then cap with dirt until they cut in the road for the curb inlets that crossed over the roadway.

Note: I had pointed out to Daniel earlier in the morning the storm pipe that they had installed on 12/21/17 that ran from CI 1-2 to where the end section 1-1 was going to be put in: it didn't appear there was on top of the pipe. He stated that when they installed the flared end section he will make sure there is gravel installed.

Informational

- 3 Matt Munger 01/31/2018 10:09 AM The concrete collars and invert for the following curb inlets had been poured prior to my arrival: CI 1-2 Invert and all collars, CI 1-3 outside collar on the west side of the inlet, CI 2-1 north and east outside collars were poured, CI 4-1 outside collar on the west side of the inlet. The collars were smooth and there was enough concrete used to support the pipe. The concrete ticket I gathered from Daniel showed it

being a 4000 psi mix. The invert on CI 1-2 was smooth in all directions.

Informational

- 4 Matt Munger 02/02/2018 11:13 AM When I arrived on site, storm pipe from CI 2-1, 2-2 and 2-3 was installed prior to my arrival. They are going to pour the collars later once they get the public line in. The areas that had not been backfilled I observed an adequate amount of gravel above and below the pipe. I observed Daniel using a laser to get the correct elevation shots for CI 2-4. They were digging from 2-3 to 2-4 to be able to install CI 2-4 and storm pipe and the trench for CI 3-1 to CI 2-2.

Informational

- 5 Matt Munger 02/02/2018 1:35 PM CI 2-4 had been installed prior to my arrival. They had poured the collars and inverts for the following storm boxes before I arrived: CI 2-1, CI 4-1, CI 2-2, CI 3-1, CI 2-3 and CI 2-4. CI 4-2 the collar was poured but not the invert. The inverts that I saw appeared to be smooth and properly formed. The areas around the storm boxes that were not backfilled where the pipe and box meets I could tell there was an adequate amount of gravel above and below the pipe.

On 2/1/18 I had asked Justin to save the concrete tickets or make a copy for our records and make note of where the concrete was used on the tickets. I have only received one concrete ticket so far.

Informational

- 6 Matt Munger 02/14/2018 9:42 AM
KAT workers had installed Private CI 7-4, 7-5, and 7-6 prior to my arrival. I did observe an adequate amount of gravel on top of the pipe and what I could see below the pipe. They were running a string line to CI 7-7. I did see them using pipe dope and they were pushing the ends of the pipe to seat the spigot end into the bell end.

Informational

- 7 Matt Munger 02/14/2018 3:39 PM
When I arrived CI 7-6, 7-7, and 12-1 had been installed. Collars were being poured while I was on site. KC Test Lab was on site testing the lifts. I did observe the KAT crew backfill in lifts. The areas around the collars that had not been backfilled had plenty of gravel above the pipe. I spoke with Daniel about getting all concrete tickets and flowable fill tickets. TJ was on site and gave me copies of the concrete tickets.

Informational

- 8 Matt Munger 02/15/2018 10:28 AM
I observed KAT backfilling in lifts between CI 7-5 and CI 7-6. KAT had installed storm pipe from CI 7-7 to CI 7-8. I observed an adequate amount of gravel above the pipe. They hadn't poured the collars for the boxes on CI 7-8.

Informational

- 9 Matt Munger 02/15/2018 3:04 PM
Kat crew was pouring collars for CI 7-7 and had everything in place for CI 7-8. KC Test Lab was on site doing compactions tests in between backfill lifts.

Informational

- 10 Matt Munger 03/12/2018 8:40 AM
KAT was digging the trench for the storm pipe for CI 1-4. The plan is to get CI 1-5 in today.

Informational

11 Matt Munger 03/12/2018 11:08 AM

KAT had installed the storm pipe from CI 1-3 to CI 1-4. Justin from KAT said they would be working on the 8 line later today.

DEI-Storm - Sewer
Construction Inspection

Matt Munger

Partial

Monday,
March 12,
2018

Informational

1 Matt Munger 01/30/2018 10:40 AM While on site I observed Kat workers using a laser to align the storm pipe. They had started installing pipe from CI 1-2 that had been installed on 12/21/17. I observed an adequate amount of gravel below the pipe and on top of the storm pipe. I observed Daniel from Kat using pipe dope on the spigot ends of each section of pipe that was installed. They hadn't installed storm box 2-1. Kat had started on installing storm pipe between CI 1-2 to CI 1-3.

Informational

2 Matt Munger 01/30/2018 1:48 PM I observed the Kat workers using a laser to align the pipe from CI 2-1 to CI 4-1. There was adequate amount of gravel below the pipe and storm boxes. They covered the pipe to the top of the trench with gravel then capped over the gravel with dirt. Daniel said they were going to backfill with gravel then cap with dirt until they cut in the road for the curb inlets that crossed over the roadway.

Note: I had pointed out to Daniel earlier in the morning the storm pipe that they had installed on 12/21/17 that ran from CI 1-2 to where the end section 1-1 was going to be put in: it didn't appear there was on top of the pipe. He stated that when they installed the flared end section he will make sure there is gravel installed.

Informational

3 Matt Munger 01/31/2018 10:09 AM The concrete collars and invert for the following curb inlets had been poured prior to my arrival: CI 1-2 Invert and all collars, CI 1-3 outside collar on the west side of the inlet, CI 2-1 north and east outside collars were poured, CI 4-1 outside collar on the west side of the inlet. The collars were smooth and there was enough concrete used to support the pipe. The concrete ticket I gathered from Daniel showed it being a 4000 psi mix. The invert on CI 1-2 was smooth in all directions.

Informational

4 Matt Munger 02/02/2018 11:13 AM When I arrived on site, storm pipe from CI 2-1, 2-2 and 2-3 was installed prior to my arrival. They are going to pour the collars later once they get the public line in. The areas that had not been backfilled I observed an adequate amount of gravel above and below the pipe. I observed Daniel using a laser to get the correct elevation shots for CI 2-4. They were digging from 2-3 to 2-4 to be able to install CI 2-4 and storm pipe and the trench for CI 3-1 to CI 2-2.

Informational

5 Matt Munger 02/02/2018 1:35 PM CI 2-4 had been installed prior to my arrival. They had poured the collars and inverts for the following storm boxes before I arrived: CI 2-1, CI 4-1,

CI 2-2, CI 3-1, CI 2-3 and CI 2-4. CI 4-2 the collar was poured but no the invert. The inverts that I saw appeared to be smooth and properly formed. The areas around the storm boxes that were not backfilled where the pipe and box meets I could tell there was an adequate amount of gravel above and below the pipe.

On 2/1/18 I had asked Justin to save the concrete tickets or make a copy for our records and make note of where the concrete was used on the tickets. I have only received one concrete ticket so far.

Informational

6 Matt Munger 02/14/2018 9:42 AM

KAT workers had installed Private CI 7-4, 7-5, and 7-6 prior to my arrival. I did observe an adequate amount of gravel on top of the pipe and what I could see below the pipe. They were running a string line to CI 7-7. I did see them using pipe dope and they were pushing the ends of the pipe to seat the spigot end into the bell end.

Informational

7 Matt Munger 02/14/2018 3:39 PM

When I arrived CI 7-6, 7-7, and 12-1 had been installed. Collars were being poured while I was on site. KC Test Lab was on site testing the lifts. I did observe the KAT crew backfill in lifts. The areas around the collars that had not been backfilled had plenty of gravel above the pipe. I spoke with Daniel about getting all concrete tickets and flowable fill tickets. TJ was on site and gave me copies of the concrete tickets.

Informational

8 Matt Munger 02/15/2018 10:28 AM

I observed KAT backfilling in lifts between CI 7-5 and CI 7-6. KAT had installed storm pipe from CI 7-7 to CI 7-8. I observed an adequate amount of gravel above the pipe. They hadn't poured the collars for the boxes on CI 7-8.

Informational

9 Matt Munger 02/15/2018 3:04 PM

Kat crew was pouring collars for CI 7-7 and had everything in place for CI 7-8. KC Test Lab was on site doing compactions tests in between backfill lifts.

Informational

10 Matt Munger 03/12/2018 8:40 AM

KAT was digging the trench for the storm pipe for CI 1-4. The plan is to get CI 1-5 in today.

DEI-Erosion Sediment Control Matt Munger
(ESC) Inspection

Partial

Monday,
March 12,
2018

Informational

1 Matt Munger 12/11/2017 11:54 AM

During my visit I walked along the newly installed silt fence to see that it was installed properly. I observed the fence trenched into the ground and staked. TJ had also extended the fence as an added step to ensure silt does not leave the site.

Informational

2 Matt Munger 12/19/2017 12:50 PM
When I arrived I observed a little bit of mud that had been track on the roadway on Chedington Dr.

I spoke with TJ and Justin and just asked that they make sure to keep the roadway clean and to keep an eye on it.

Corrective Action Required

3 Matt Munger 01/09/2018 11:13 AM
I had noticed that the silt fence on the west side of the property had not been put up after the work that had been done on the storm inlet close to the west side. The silt fence will need to put back up to ensure silt does not leave the site.

Corrective Action Required

4 Matt Munger 01/22/2018 11:07 AM
Spoke with TJ (Luke Draily Construction) on site and had asked him to make sure the silt fence that is down due to prior construction gets put back up. TJ stated he had been calling the ESC company to get out and put it back up and will call them again today.

Informational

5 Matt Munger 01/30/2018 1:46 PM Silt fence was intact and the construction entrance was in good shape. The road was clean and free of any major debris.

Informational

6 Matt Munger 02/02/2018 1:35 PM
The road was clean and ESC was in place.

Informational

7 Matt Munger 02/07/2018 9:22 AM ESC was in place.

Informational

8 Matt Munger 02/12/2018 9:30 AM I observed silt fence staked in front of the public curb inlets that were installed. ESC around the west side was in place. One small section on the west side will need some attention. Streets were clean, construction entrance is in good shape.

Informational

9 Matt Munger 02/21/2018 2:05 PM
Silt fence was mostly intact, a couple spots on the west side need to be pulled up and secured. There was a mulch berm in place in the NE corner of the site. The new curb inlets had silt fence and rip rap in place to prevent silt from entering into them. the street was clean and the construction entrance was in good condition. No work was being done on site.

Informational

10 Matt Munger 02/26/2018 9:31 AM
ESC is in place, there is two small sections on the west side that have fallen down that will need to be pulled back up. The construction entrance is in compliance and the street leaving the site is clean.

*No activity on site at this time.

Informational

- 11 Matt Munger 03/02/2018 3:09 PM
ESC was in place, mulch berms were put on the NE side of the site. The street exiting the construction entrance will need to be cleaned off.

Corrective Action Required

- 12 Matt Munger 03/12/2018 2:15 PM
The area on the north where dirt has been moved I did not observe ESC in place. ESC will need to be in place to be in compliance.

DEI-Storm - Sewer
Construction Inspection

Matt Munger

Partial

Monday,
March 12,
2018

Informational

- 1 Matt Munger 01/30/2018 10:40 AM While on site I observed Kat workers using a laser to align the storm pipe. They had started installing pipe from CI 1-2 that had been installed on 12/21/17. I observed an adequate amount of gravel below the pipe and on top of the storm pipe. I observed Daniel from Kat using pipe dope on the spigot ends of each section of pipe that was installed. They hadn't installed storm box 2-1. Kat had started on installing storm pipe between CI 1-2 to CI 1-3.

Informational

- 2 Matt Munger 01/30/2018 1:48 PM I observed the Kat workers using a laser to align the pipe from CI 2-1 to CI 4-1. There was adequate amount of gravel below the pipe and storm boxes. They covered the pipe to the top of the trench with gravel then capped over the gravel with dirt. Daniel said they were going to backfill with gravel then cap with dirt until they cut in the road for the curb inlets that crossed over the roadway.

Note: I had pointed out to Daniel earlier in the morning the storm pipe that they had installed on 12/21/17 that ran from CI 1-2 to where the end section 1-1 was going to be put in: it didn't appear there was on top of the pipe. He stated that when they installed the flared end section he will make sure there is gravel installed.

Informational

- 3 Matt Munger 01/31/2018 10:09 AM The concrete collars and invert for the following curb inlets had been poured prior to my arrival: CI 1-2 Invert and all collars, CI 1-3 outside collar on the west side of the inlet, CI 2-1 north and east outside collars were poured, CI 4-1 outside collar on the west side of the inlet. The collars were smooth and there was enough concrete used to support the pipe. The concrete ticket I gathered from Daniel showed it being a 4000 psi mix. The invert on CI 1-2 was smooth in all directions.

Informational

- 4 Matt Munger 02/02/2018 11:13 AM When I arrived on site, storm pipe from CI 2-1, 2-2 and 2-3 was installed prior to my arrival. They are going to pour the collars later once they get the public line in. The areas that had not been backfilled I observed an adequate amount of gravel above and below the pipe. I observed Daniel using a laser to get the correct elevation shots for CI 2-4. They were digging from 2-3 to 2-4 to be able to install CI 2-4 and storm pipe and the trench for CI 3-1 to CI 2-2.

Informational

- 5 Matt Munger 02/02/2018 1:35 PM CI 2-4 had been installed prior to my arrival. They had poured the collars and inverts for the following storm boxes before I arrived: CI 2-1, CI 4-1, CI 2-2, CI 3-1, CI 2-3 and CI 2-4. CI 4-2 the collar was poured but not the invert. The inverts that I saw appeared to be smooth and properly formed. The areas around the storm boxes that were not backfilled where the pipe and box meets I could tell there was an adequate amount of gravel above and below the pipe.

On 2/1/18 I had asked Justin to save the concrete tickets or make a copy for our records and make note of where the concrete was used on the tickets. I have only received one concrete ticket so far.

Informational

- 6 Matt Munger 02/14/2018 9:42 AM
KAT workers had installed Private CI 7-4, 7-5, and 7-6 prior to my arrival. I did observe an adequate amount of gravel on top of the pipe and what I could see below the pipe. They were running a string line to CI 7-7. I did see them using pipe dope and they were pushing the ends of the pipe to seat the spigot end into the bell end.

Informational

- 7 Matt Munger 02/14/2018 3:39 PM
When I arrived CI 7-6, 7-7, and 12-1 had been installed. Collars were being poured while I was on site. KC Test Lab was on site testing the lifts. I did observe the KAT crew backfill in lifts. The areas around the collars that had not been backfilled had plenty of gravel above the pipe. I spoke with Daniel about getting all concrete tickets and flowable fill tickets. TJ was on site and gave me copies of the concrete tickets.

Informational

- 8 Matt Munger 02/15/2018 10:28 AM
I observed KAT backfilling in lifts between CI 7-5 and CI 7-6. KAT had installed storm pipe from CI 7-7 to CI 7-8. I observed an adequate amount of gravel above the pipe. They hadn't poured the collars for the boxes on CI 7-8.

Informational

- 9 Matt Munger 02/15/2018 3:04 PM
Kat crew was pouring collars for CI 7-7 and had everything in place for CI 7-8. KC Test Lab was on site doing compactions tests in between backfill lifts.

Informational

- 10 Matt Munger 03/12/2018 8:40 AM
KAT was digging the trench for the storm pipe for CI 1-4. The plan is to get CI 1-5 in today.

Informational

- 11 Matt Munger 03/12/2018 11:08 AM
KAT had installed the storm pipe from CI 1-3 to CI 1-4. Justin from KAT said they would be working on the 8 line later today.

Informational

- 12 Matt Munger 03/12/2018 2:12 PM
KAT had installed CI 8-2, there was an adequate amount of gravel below the box.

Comments:
