
PUBLIC WORKS ENGINEERING DIVISION

Inspection Summary

Permit #: PRPWFC20173845, Public Works Infrastructure Permit - Commercial

Scooters coffee

Address: 805 SW M 150 HWY, 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:
DE-ESC - (Vegetation/Ground Cover)	Matt Munger	Partial	Monday, March 12, 2018

Corrective Action Required

1 Matt Munger 03/12/2018 8:17 AM
East side of the property will need to have vegetation established. Sod has been installed throughout the rest of the site.

DEI-Storm - Sewer Construction Inspection	Matt Munger	Passed	Monday, March 12, 2018
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Informational

1 Matt Munger 01/10/2018 8:30 AM
I spoke with Sue (Engineer) in regards to the clearance issues with the existing water line and the storm sewer that was going to be installed. Sue had stated if they could not get 12" of clearance then it would be ok to encase the pipe in concrete.

When I arrived on site and Aaron was still working on getting the area potholed to find out the depth of the pipe. I told them to call me when they had the pipe exposed. Contractor was also working on the construction entrance.

Informational

2 Matt Munger 01/10/2018 10:36 AM
Aaron from Cohurst had dug down the water main and after measuring we discovered there was going to be an issue with getting 18" of clearance. I had informed them that Sue had stated if they could get 12" of clearance they wouldn't need to encase the pipe. After further inspection we saw that was not going to be the case. I called John Haily to come out

and check out the situation. We had Aaron measure from the top of pipe to where the bottom of the pipe would be see if concrete encasement would be an option (if there was 6" of clearance between concrete encasement).

John had thought it would be ok to encase the pipe. I told them they will need to have 5ft on each side of center of the where the storm pipe was going. As well as having 6" of concrete above and below the water main. They also were going to use rebar to build a cage around the water line.

Informational

- 3 Matt Munger 01/10/2018 3:05 PM I observed the rebar cage around the water main and had watched them pour the concrete. I observed them using a spade shovel to chock in the concrete mix under the water pipe.

Informational

- 4 Matt Munger 01/18/2018 10:52 AM I had observed the workers digging the trench where the storm pipe is going to be put in. I had spoke with Aaron from Cohurst on the phone earlier in the morning and on site and informed him that putting frozen backfill material does not meet our standard and that I would have to fail the inspection. I explained to Aaron the concern would be that the soil would not be compacted properly and could cause a sink hole and issues down the road, especially where they are putting pavement in. I observed the curb inlet at Sta. 0+80.29 was set in place with gravel base underneath that was set in prior to my arrival. I informed Aaron to contact me prior to backfilling the trench.

Informational

- 5 Matt Munger 01/18/2018 2:25 PM Tom C. and I went out to check on the storm sewer that had been installed. I observed adequate amount of gravel above and below the storm pipe. The backfill material that was on site good and didn't have alot of chunks. They had separated frozen material to ensure good material was going getting backfilled. I had also received the concrete ticket for the collars.

Informational

- 6 Matt Munger 01/24/2018 10:35 AM Opened up the Public CI (Sta. 0+00.00) to make sure the concrete collar hadn't pulled away from the existing concrete after it had cured for a few days.

DEI-Stabilized Subgrade

Matt Munger

Passed

Monday,
March 12,
2018

Informational

- 1 Matt Munger 01/30/2018 2:41 PM I observed geogrid in place over compacted subgrade with AB3 material on top of the geogrid. It appears the workers were not done spreading and compacting the AB3 material. This work was done prior to my arrival. The area that had geogrid and AB3 material in place was on the east side of the building where the parking spaces were going in, and from where the construction entrance ends.

Informational

- 2 Matt Munger 01/31/2018 10:53 AM Spoke with Mr. Bouwens on site and informed him that we will need to do a curb proof roll. He stated they were using their rolling machine over the entire area and that should be good. I informed him that I need to be present to pass the proof roll for the curbs. We also had talked about the geogrid and materials being a foot past the curb. The workers had cut out the driveway area for the west entrance. Geogrid was not in place for that area at this time.

DEI-Commercial Curb Inspection	Matt Munger	Passed	Monday, March 12, 2018
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DEI-Commercial Curb Inspection	Matt Munger	Passed	Monday, March 12, 2018
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DEI-Miscellaneous PWORKS Inspection	Matt Munger	Passed	Monday, March 12, 2018
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Informational

- 1 Matt Munger 03/02/2018 7:55 AM
When I arrived the asphalt crew was cleaning the debris off the base layer and had started to put on the tack coat.

Informational

- 2 Matt Munger 03/02/2018 11:05 AM
I observed the temps of the asphalt going into the machine and the roll temps. The temps for the material going into the machine ranged from 252 degrees to 283 degrees. The roll temps ranged from 179 degrees to 248 degrees. The base layer was tack coated prior to the asphalt getting put in. They did use the vibratory roller machine over the surface layer.

DEI-Site Visit	Matt Munger	Partial	Monday, March 12, 2018
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Informational

- 1 Matt Munger 12/01/2017 4:53 PM
No workers were present, spoke with Sheldon on the phone to see how everything was going and if he had any questions and had asked if he could email me the sub-contractors info to me.

Informational

- 2 Matt Munger 12/06/2017 10:56 AM

Silt fence was intact and ESC Device in curb inlet was in place.

Informational

3 Matt Munger 12/07/2017 10:16

No workers were present, ESC devices and silt fence was in place.

Informational

4 Matt Munger 12/07/2017 1:40 PM

No workers were present.

Informational

5 Matt Munger 12/08/2017 9:46 AM

No workers were present, ESC was in place.

Informational

6 Matt Munger 12/08/2017 1:55 PM

No workers were present.

Informational

7 Matt Munger 12/12/2017 2:41 PM

No workers were present, silt fence and ESC devices were in place.

Informational

8 Matt Munger 12/13/2017 10:50 AM

No workers were present.

Informational

9 Matt Munger 12/14/2017 8:15 AM No workers were present.

Informational

10 Matt Munger 12/15/2017 2:15 PM

Site was clean, ESC in place. No Utility work was being done.

Informational

11 Matt Munger 12/18/2017 11:45 AM

Silt fence was in place and gutter device was in CI. I spoke with Travis on site and he was working on removing dirt from the driveway area. I had informed Travis that Rip Rap needs to be put in place to prevent mud and gravel from getting onto the roadway.

Water Utilities workers were on site performing the test shutdown in case the water main needs to be relocated. The shutdown should only affect Commerce Bank.

Informational

12 Matt Munger 12/21/2017 2:44 PM

No Utility work was being performed while I was on site. Workers were framing in the building. Contacted Sheldon in regards to the Holiday schedule and that Tom C. and Steve R. would be covering me on the 22nd and 27th while I was off.

Sheldon stated he would get the silt fence up on the section of property closest to 150 HWY.

We also discussed setting up a meeting before any Utility work starts.

Informational

13 Matt Munger 12/28/2017 9:51 AM
No utility workers were present. Silt Fence in place.

Informational

14 Matt Munger 12/29/2017 11:16AM
No workers were present due to the weather.

Informational

15 Matt Munger 01/04/2018 9:16 AM
No utility work was being done on site. Spoke with Sheldon and he stated they would be there in the afternoon but no inspections were going to be needed.

Informational

16 Matt Munger 01/08/2018 9:58 AM
No utility work was being done.

* Sheldon stated that the storm sewer work will start on Wednesday the 10th.

Informational

17 Matt Munger 01/11/2018 10:30 AM
No workers were present due to the weather.

Informational

18 Matt Munger 01/12/2018 1:57 PM
No utility work was being done due to the weather. Street was clean and the erosion control was in place.

Sheldon had emailed earlier in the day informing me that they would be digging the storm sewer on Tuesday. I informed Sheldon when they backfill frozen material is not allowed back in the trench. Just wanted to remind him since the temps have dropped (below freezing) and will stay that way into Tuesday of next week.

Informational

19 Matt Munger 01/16/2018 10:55 AM No workers were present due to the weather. Sheldon had emailed me on Friday stating they would be working today on the storm sewer and I had informed him that since the weather has been so cold frozen backfill material would not be acceptable.

Informational

20 Matt Munger 01/17/2018 11:00 AM
No utility work was being done due to the weather.

Informational

21 Matt Munger 01/23/2018 2:57 PM Workers were working on the building. No other infrastructure work was being done.

Informational

22 Matt Munger 01/29/2018 9:53 AM Spoke with Mr. Bouwens as he was cleaning loose dirt off the street. Workers were grading out the pavement areas and that they were going to be putting down geogrid instead of fly ash. He said they would start working on the curb Wednesday. I discussed putting the geogrid a foot past the curb as well.

Informational

23 Matt Munger 01/30/2018 11:00 AM Workers had cut out the area where pavement and

curb is going to be put it. I had emailed Sheldon on 1/29/18 informing to get with me when they were ready for the proof roll for the curbs. They decided to use geogrid instead of fly ash.

Informational

24 Matt Munger 02/05/2018 9:15 AM

No work was being done on site.

Informational

25 Matt Munger 02/07/2018 9:38 AM No workers were present.

Informational

26 Matt Munger 03/01/2018 2:09 PM

Looked over the site with Jon H. and put together a list of items that will need to be done before substantial can be given.

Informational

27 Matt Munger 03/05/2018 2:47 PM

The landscape company was working on the irrigation system. The spoil piles have not been hauled off site.

Informational

28 Matt Munger 03/06/2018 1:10 PM

Grading work was being done on the north, north east side of the site. KC Test Lab was on site.

Informational

29 Matt Munger 03/12/2018 12:05 PM

Spoke with Sheldon on site over the punch list items that will need to be taken care of. Pointed out the sanitary sewer cleanout needing to be cut down. The area to the east that was disturbed will need to be vegetated and the rock and debris will need to be removed. I also informed Sheldon I would like to see the area around the NW concrete flume maintain positive drainage to the ditch along M-150 HWY.

DEI-Driveway Inspection

Matt Munger

Passed

Monday,
March 12,
2018

Corrective Action Required

1 Matt Munger 02/14/2018 11:08 AM

I observed loose material and advised Sheldon to have the workers compact the material. I also informed him to make sure they use KCMMB 4k mix and use the white cure after the concrete approach is poured. I measured the stakes that they had in place to ensure there would be a minimum of 8" of concrete in place. I also advised them to remove any chunks of dirt.

Informational

2 Matt Munger 02/14/2018 3:19 PM Took a snap of the concrete ticket (KCMMB 4K). Asked Dan to make sure they put blankets over the existing approach that they had poured today. I did observe them spray white cure on the newly poured driveway approach.

The approach area that they cut out to put in the ADA had enough material but needed to be compacted. I also asked that they cut the curb straight. They stated they would be pouring in the morning.

Informational

3 Matt Munger 02/15/2018 8:30 AM

I observed smooth dowels in place in the curbs for the SW driveway approach that was cut out to allo ADA compliance with the sidewalk. The material they had in place was loose and I had asked that they compact the material.

Corrective Action Required

4 Matt Munger 03/07/2018 1:45 PM

Dan Harper and I met with Sheldon to discuss the issues with the transitional area between the driveway approach and ramp. A portion of the driveway approach will need to be taken out. Temp occupancy would be granted in contingency that they get the ADA issue fixed within 10 days. Dan stated he would be ok if they block off to keep people from using it until they correct the issue

Informational

5 Matt Munger 03/12/2018 8:14 AM

Driveway met ADA standards.

DEI-Sidewalk Inspection

Matt Munger

Passed

Monday,
March 12,
2018

Informational

1 Matt Munger 02/15/2018 11:15 AM Bob B. and I went out to do a pre-pour inspection. I observed adequate amount of aggregate base that was compacted. Forms were set to acheive 2% or less.

Informational

2 Matt Munger 02/16/2018 9:03 AM

Sidewalk and driveway approaches were covered with blankets.

Corrective Action Required

3 Matt Munger 02/23/2018 9:46 AM The sidewalk does not meet ADA guidelines. There is a panel that exceeds 8.33% ramp slope and (street slope is lower as well) and the sidewalk within the transition area is under 5 ft. The City requires sidewalks to be 5ft wide.

Corrective Action Required

4 Matt Munger 02/23/2018 10:10 AM

The sidewalk does not meet ADA guidelines. I spoke with Mr. Bouwens and pointed out the issues with the slope % and area that was not 5ft in width. He said he would get it taken care of.

Informational

5 Matt Munger 03/01/2018 10:16 AM

I put my level on the forms on the sections of sidewalk that I had the contractor tear out. The continuous slope was less than 8.33% and the cross slope was within ADA specs. I told them to mindful when they finish to make sure they are under 2% cross slope.

Corrective Action Required

6 Matt Munger 03/01/2018 11:52 AM

I had a concern with how curb area was cut out so I spoke with Bob (ROW Inspector) to seek additional clarification in regards to the small section of curb that was cut out to widen the entry to ensure the sidewalk was 5ft rather than the 4ft that was in place prior to the tear out. I contacted Sheldon to let him know the concern and that they need to tear out more of the curb and not just that small section. They are going to tear out the portion of the curb to ensure the sidewalk is 5ft.

Corrective Action Required

7 Matt Munger 03/02/2018 11:42 AM

The curb ramp does not meet specs. I spoke with Sheldon on site to show him the issue. There another area on the sidewalk that had been gouged with equipment and will need to be replaced.

Informational

8 Matt Munger 03/07/2018 9:20 AM

Spoke with Sheldon about my concern with the curb ramp and explained to him that I would be having another inspector come out and look at it sometime today.

Corrective Action Required

9 Matt Munger 03/07/2018 10:45 AM

Tom C. and I went out to look over the ADA ramp on the SE side of the site and there ramp is not in compliance. The driveway approach may need to be taken out to achieve compliance. I will be bringing Dan H. (Assitant Director) to look over the issues.

Corrective Action Required

10 Matt Munger 03/07/2018 1:36 PM

Dan Harper and I met with Sheldon to discuss the issues with the transitional area between the driveway approach and ramp. Temp occupancy would be granted in contingency that they get the ADA issue fixed within 10 days. Dan stated he would be ok if they block off to keep people from using it until they correct the issue.

Informational

11 Matt Munger 03/09/2018 10:30 AM

Tom C. and I came out and gave the detail sheet for the ADA requirements (second time giving Dan the sheets) and put the level on what they had formed up. Dan stated he understood the requirements and was making sure his guys knew what to do. I reminded Dan to make sure to carry less than 2% cross slope in the area where they took out some of the approach.

Informational

12 Matt Munger 03/12/2018 8:15 AM

Sidewalk met ADA requirements.

Comments:
