
PUBLIC WORKS ENGINEERING DIVISION

Inspection Summary

Permit #: PRPWFR20171420,
CREEKSIDE AT RAINTREE

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-Grading/Excavation/Fill Inspection Informational	Brice Lawson	Partial	Monday, May 07, 2018

1 Brice Lawson 07/11/2017 4:05 PM

Gradeco Construction was working on grading, clearing and grubbing the site. They were working on the north diversion ditch. The road was free of debris.

Informational

2 Brice Lawson 07/12/2017 11:17 AM\line Gradeco Construction has been working separating the brush on site that they piled up. They have installed a diversion ditch on the north end of the site with rock checks in the ditch. They began a fill operation that appears to be on future lots 25 and 26 and east of the storm pipe outlet structure. They said that they have installed approx. 2.5' of fill in this area. They were using a sheeps foot to compact the fill after it was spread. I asked them to stop working on this fill because there was no testing being performed on the lifts of fill. Darrell Vaughn said he would have them stop the fill operation and he was aware that a testing lab should be on site.

Informational

3 Brice Lawson 07/18/2017 1:33 PM

Gradeco Construction continues to perform cut and fill operations. It appears that they are working on lots #23 thru #27 and the north cul de sac. It appears that they are installing the material in lifts and compacting it with sheeps foot. They let me know that they are getting compaction tests on each lift.

Informational

4 Brice Lawson 12/11/2017 4:24 PM

The sanitary sewer main and stub trenches have been backfilled to what appears to be existing grade from existing MH at 1+00 on line 1 to MH 1-A1, from MH 1-A1 to MH 1-A2, and from MH 1-A2 to MH 1-A3.

The sanitary main and stub trenches from MH 1-A3 to MH 1-A4 are partially backfilled. It appears that the soil is being placed and compacted in the trench in lifts. It appears that the sanitary main and stub trenches from MH 1-A4 to MH 1-B1 are being backfilled and compacted in lifts. KCTE is on site performing moisture/density testing on the trench backfill. They let me know that the moisture/density tests are passing and he has noticed that the large rocks are being culled from the soil and stockpiled. He has not noticed any large rocks being placed in the trench backfill.

Informational

5 Brice Lawson 03/01/2018 11:58 AM

The curb stakes have been installed. The contractor is grading the road subgrade. They plan to leave the subgrade about 2" high in case it rains. They plan to get compaction tests done on the fills that were previously installed by Gradeco.

Informational

6 Tom Chandler 03/02/2018 3:48 PM Cutting grade and testing subgrade. KCTE on-site for testing.

Informational

7 Brice Lawson 03/06/2018 2:58 PM

Precision is backfilling the trench for sanitary line C. It appears that they are installing the soil and compacting the backfill in lifts with a vibratory sheep's foot. There did not appear to be any large rocks in the material. KCTE Testing is on site to perform moisture/density testing on the trench backfill.

Informational

8 Brice Lawson 03/09/2018 2:45 PM

The backfill on sanitary line 1-C has been completed. KCTE testing has tested the remainder of the trench backfill today.

Informational

9 Brice Lawson 04/19/2018 2:01 PM

Approx. 95% of the curb has been installed. Precision is in the process of backfilling the curb. It appears that they are using dirt that was previously stockpiled at the southwest corner of the site.

Informational

10 Brice Lawson 04/23/2018 10:22 AM

Heartland Midwest has excavated a trench that crossed the proposed Meadowbrook Dr approx. 9' behind the existing back of curb on the east side of Raintree Pkwy. They are adjusting the elevation of existing att&t lines that are in a conduit. They plan to backfill the trench with flowable fill. I informed them that they can use the KC APWA flowable fill and the flowable fill needs to extend to the top of the subgrade and to at least 1' behind the back of the proposed curb.

Corrective Action Required

11 Brice Lawson 04/25/2018 3:57 PM

Correct the project title on the compaction tests that have been submitted.

Corrective Action Required

12 Brice Lawson 04/30/2018 3:54 PM

Heartland Midwest has filled the utility trench that crosses Meadowbrook Dr. approx. 9'

behind the back of the curb on the east side of Raintree Pkwy. The trench is approx. 5' wide and goes across the entire width of Meadowbrook Dr. The flowable fill was installed approx. 4' in depth and up to what appears will be the top of the soil subgrade for the road. APWA FF MaserCell 30 (50+75) flowable fill from Gieger was used to fill the trench.

I emailed the developer to submit the mix design and the 7 day and 28 day compressive strength test results for the flowable fill that was used.

Once the developer has submitted, verify that the mix design and compressive strength test reports meet spec.

Corrective Action Required

13 Brice Lawson 05/02/2018 2:13 PM

Fill material has been installed to backfill the curb and fill the ROW areas. There is deleterious material in the fill such as roots, mulch and large rock. The deleterious material is not an acceptable material for fill. This is located in areas around the new streets in this subdivision.

Make proper corrections to the filled areas.

Corrective Action Required

14 Brice Lawson 05/07/2018 2:20 PM

The flowable fill that has been installed in the utility trench that crosses Meadowbrook Dr approx. 9' behind the existing curb on the east side of Raintree Pkwy has been installed. I spot checked the top of the flowable fill in different area to see if it crushed under the weight of my foot. It appears that the flowable fill has set up hard and it does not crush under foot.

The flowable fill at the north end of the trench was installed against a berm that did not appear to be compacted. The berm was installed to create a dam to keep the flowfill from covering the watermain trench.

Make proper corrections to the north end of the flowable fill to ensure proper compaction has been accomplished where the flowable fill was placed on/against the berm located at the north end of the flowable fill trench.

Comments:
