Daily Field Report

Date : 11/17/2025
Project No : 2025C211
Client Company : Pulte
Arrival Time : 11/17/2025 07:30
Onsite Hours : 07:30

ASEC Report ID : 87939
Name of the Project : Haley's Bluff - Philadelphia Rd.
Project Location : Jasper
Weather : Sunny
Departure Time : 11/17/2025 15:00
ASEC Technician Name : Sean Willett

As requested, the site was visited by our AS Engineering and Consulting (ASEC) representative for the purpose of providing quality control inspection and testing services. Visual observation techniques were employed to verify compliance with project drawing/specifications, applicable codes, and materials submittals. The following observations were observed on site this day.

Our ASEC representative was on site for the observation/testing of the placement of fill/backfill. Upon arrival to the site, ASEC spoke with the contractor about elevations. It appears that there was a miscommunication on the elevations for the Lots #1 through #4 area. ASEC has made sure to test every 1 foot to 2 feet. ASEC relies on the contractor to provide proper elevation and lot location via GPS to establish where the density testing is being conducted.

ASEC performed an in-place moisture content check via dry back method to confirm the nuclear density gauge is displaying proper moisture content (moisture can be thrown off due to high mica content in soil). When the gauge displayed far too high moisture readings, the moisture was adjusted with the dry back moisture contents. ASEC also relied on probe rod testing and watching loaded dump trucks across the lifts placed to check for a stable subgrade. There does not appear to be any severe pumping or rutting within the structural fill areas.

ASEC spoke with the contractor about the topsoil placement around the BA structures in front of the detention pond by the deceleration lane. As previously mentioned, topsoil was used to backfill around this structure. This was against ASEC recommendations. The contractor requested density testing around this structure. ASEC conducted density testing to satisfy the contractor, even though there is no proctor for this topsoil material. These test results showed insufficient compaction in this area via density testing and probe rod testing. During the installation, it was observed that a large amount of organics were present in the topsoil being used to backfill this structure. ASEC expressed concern of potential voids and seepage issues in the long term. The contractor stated they would look at this area, but at this time it has not be addressed.

Density testing was performed along the deceleration lane. Density testing was also performed on Lots #1 through #4 and the roadway in front of these lots. All test results were provided to the contractor.

The contractor began excavation/installation of BZ1 to BZ2 headwall structures into front of the detention pond. The contractor began backfilling around these structures with structural fill. Density testing will be performed once the contractor is approximately 2 feet above the pipeline.

We appreciate the opportunity to be of service to you on this project. If you have any questions regarding this report, please feel free to contact us. We will be more than happy to discuss it with you.

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excavation of commercial lots above Connex


commercial lot below Connex and lots #1-#4


BZ1 to BZ2 headwall


lots #1 - #4 and detention pond area

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lots #1 - #4 and detention pond area

BZ1 to BZ2 headwall

inside detention pond

Kenneth Mosman

Kenneth Mosman