AS Engineering and Consulting LLC

Daily Field Report

ASEC Report ID : 74131
Name of the Project : Reserve @ Gum Springs
Project Location : Jefferson
Weather : cloudy
Departure Time : 12/04/2024 12:30
ASEC Technician Name : Aminullah Azimi

Date : 12/04/2024
Project No : 2024C168
Client Company : CCG
Arrival Time : 12/04/2024 8:30
Onsite Hours : 04:00

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.

- A proof-roll observation was performed on the subgrade soils for the roadway between manholes MHSA9, MHSA8, MHSB1, MHSB2, MHSB3 and the placement of backfill for retaining wall #2 continued this day.
- The undersigned arrived onsite to observe block retaining wall #2 installation at the creek crossing. The undersigned noted that base course material was used as backfill behind the block and in the cells (crushed No. 57 stone). Geo-Grid was placed every course of the wall. No. 57 stone was also utilized 1 foot behind the block and within the cells
- A proof-roll observation was performed on the roadway between manholes MHSA9, MHSA8, MHSB1, MHSB2, MHSB3.
- A fully loaded tandem-axle dump truck was used to proof-roll the above-mentioned subgrade with multiple passes across the area.
- Some yielding and deflection were observed during the proof-roll. It was recommended using soil cement in the above-mentioned location to stabilize the subgrade.
- Our representative along with Belly of Allied Pavement and the Neal Foster Bureau Ventas North America Inc, representative and Derak with Century observed the proof-roll.
- At the time of arrival, our representative observed that work was in progress with 6″ lifts being placed for retaining wall #2 backfill and compacted using a 9-ton Sheep feet and trench compaction equipment. Compaction testing was performed using a Troxler nuclear density gauge of Soil (ASTM D 2937), along with general probing using a 3/8″ diameter probe rod.
- Density test results indicate that most of the compacted materials met the project requirement of 95% of the maximum dry density obtained by a Standard Proctor ASTM 698.

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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Kenneth Mosman