

Date : 08/09/2024
Project No : 2024C112
Client Company : SR Homes
Arrival Time : 08/09/2024
Onsite Hours :

ASEC Report ID : 68667
Name of the Project : Sterlington
Project Location : Canton
Weather : sunny
Departure Time : 08/09/2024
ASEC Technician Name : Russell Hendrix

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.

Summary of Testing:

Nuclear density testing using a Troxler 3430 gauge (Serial #30942) was performed on the Graded Aggregate Base (GAB) of the future roadway. The testing aimed to determine the compaction and moisture content of the GAB to verify they met the required job specifications.

Initial Testing Results:

- **Number of Tests Conducted:** 3
- **Results:** All three initial tests conducted were found to **not** meet job specifications for compaction.

Corrective Actions:

During a subsequent meeting with onsite personnel, it was determined that additional moisture and recompaction were necessary to meet the job specified compaction requirements. The following corrective actions were implemented:

1. **Watering:** Additional water was applied to the GAB using a water truck to achieve the desired moisture content.
2. **Recompaction:** The GAB was recompacted using a smooth drum ride-on vibratory roller.

(See attached photo for equipment used in the recompaction process.)

Follow-Up Testing:

- **Number of Additional Tests Conducted:** 10
- **Results:** All ten additional tests conducted after the corrective actions were completed **were found to meet** job specifications for compaction.

Please refer to the attached testing report for detailed results of all tests conducted.

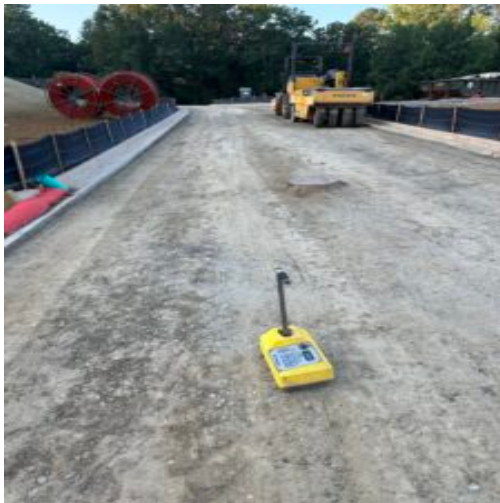
Attachments:

- Testing Report
- Photo of the Water Truck and Smooth Drum Vibratory Roller in Operation

Date : 08/09/2024
Project No : 2024C112
Client Company : SR Homes
Arrival Time : 08/09/2024
Onsite Hours :

ASEC Report ID : 68667
Name of the Project : Sterlington
Project Location : Canton
Weather : sunny
Departure Time : 08/09/2024
ASEC Technician Name : Russell Hendrix

If you need further clarification or have any questions, please feel free to contact ASEC.



Testing



Smooth drum vibratory compactor

Kenneth Mosman

Kenneth Mosman

The results presented in this report relate only to the items tested. This report shall not be reproduced, except in full, without written approval from AS Engineering and Consulting LLC.