Daily Field Report

Date : 01/06/2026
Project No : 2025C281
Client Company : SR Homes
Arrival Time : 01/06/2026 09:30
Onsite Hours : 07:30

ASEC Report ID : 88963
Name of the Project : Owen Mills - Owens Store Rd
Project Location : Canton
Weather : cloudy
Departure Time : 01/06/2026 17:00
ASEC Technician Name : Clyde Smith

On the above date, an AS Engineering and Consulting, LLC (ASEC) representative visited the project site at the contractor's request to **observe grading and remedial earthwork activities** at the **west embankment of the detention pond**. The grading contractor was **Mathis**.

Unsuitable, saturated soils were **stripped and undercut** within the embankment area. The subgrade was undercut to approximately **Elevation 1132**, where groundwater was encountered within approximately **2 feet** of the exposed surface and **seepage was observed**.

ASEC **recommended placement of a thickened soil layer** over the saturated subgrade using **onsite undercut residual soils**. The contractor placed approximately **3 to 4 feet of fill** over the affected areas in general accordance with this recommendation. A **D6 track dozer** was used to place and spread the material while **rubber-tired equipment was kept off the saturated subgrade**.

Initial compaction was performed using the track dozer, followed by additional compaction with a **Bomag vibratory sheepsfoot roller operated in static mode**. Fill performance was further evaluated by **observing off-road haul truck traffic during placement**, which served as proofrolling. **No rutting or deflection** was observed under traffic.

Based on observed performance, the stabilized area was considered **acceptable** for placement of an additional **8 to 12 inches of loose fill**, to be compacted using the vibratory sheepsfoot roller operated in **vibratory mode**.

TESTING AND SAMPLING

In-place density testing was performed at approximately **Elevations 1136 and 1137** using a **Troxler Nuclear Density Gauge, Model 3430 (Serial No. 91643)**.
Two bag samples of the fill material were obtained and submitted to the laboratory for **moisture-density relationship (Proctor) testing**. **Laboratory results are pending**.

Based on field observations and proofrolling performance, the contractor was advised that **placement of compacted fill may continue pending receipt of Proctor results**.

RECOMMENDATIONS

Due to the potential for precipitation, ASEC recommended that the exposed fill surface be **sealed at the end of the workday** by tracking with an off-road dump truck.

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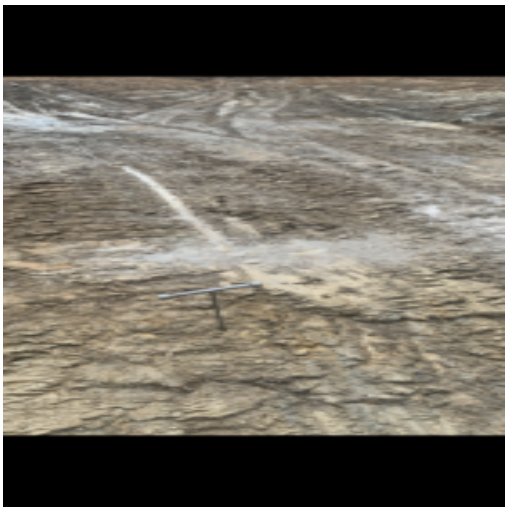

Saturated subgrade conditions ,stabilized with fill placement and tested.

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GEORGIA REGISTERED No. PE036021 PROFESSIONAL ENGINEER RAMCHANDRA REDDY MOGULLA

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Senior Engineer