# Concrete Test Report

ASEC Report ID : 59019
Name of the Project : Eastside Trolley Trail
Project Location : Atlanta
Weather : sunny
Departure Time : 05/03/2023 11:00
ASEC Technician Name : Vidal Shengan

Date : 05/03/2023
Project No : 2022C182
Client Company : Excellere
Arrival Time : 05/03/2023 08:30
Onsite Hours : 02:30

**Location(S):** Sta 43+00

**Testing:** 1 Set of concrete specimens (5 Cylinders per set) were cast during the cast-in-place concrete pour at the above referenced location, in accordance with ASTM C31. The cylinders will remain on site for the initial 24-48 hrs curing.

**Compliance:** ☒Field placement of concrete appeared to be in general accordance with the project specifications (i.e., slump, temperature, etc) (refer to remarks below)
☐Deviations and/or noncompliances were noted during the field placement (refer to remarks below)

**Cylinders Pick Up:** 1 Sets of concrete cylinders/ 5 cylinders per set were picked up & transported to AS Engineering and Consulting LLC (ASEC) for curing and testing in accordance with ASTM C39, C670/1231

**Field Curing:** Cylinders were stored for the initial 24 hours
☒ Near the poured structure
☐ In an insulated curing box
☐ Other

**Remarks:** Unit weight: 144.2 PCF

AS Engineering and Consulting LLC

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## PLACEMENT INFORMATION

**Set Number:**
**Date Sampled:** 05/03/2023
**Sampled By:** Vidal Shengan
**Contractor:** Excellere construction
**Truck Number:** 2039
**Time Batched:** 09:25
**Location of Placement:** Sta 43+00
**Number of samples cast:** 5
**Ambient Temperature (°f):** 70
**Slump (in.):** 3

**Laboratory Number:**
**Time Sampled:** 10:00
**Concrete Supplier:** Ready mix
**Mix ID:** 1539154 GA DOT CL-A
**Quantity of Load (cu. yd.):** 9
**Specified Strength :** 3000
**Concrete Temperature(°f):** 65
**Air Content (%):** 4.9
**Water added (gal.):**

| Specimen Number | Age (Days) | Date Tested | Dia(in.) | Area (sq in.) | Maximum Loads (lbs) | Strength (psi) | % Design Strength | Type of Fracture |
|---|---|---|---|---|---|---|---|---|
| 1 | | | | | | | | |
| 2 | | | | | | | | |
| 3 | | | | | | | | |
| 4 | | | | | | | | |
| 5 | | | | | | | | |

UNLESS OTHERWISE SPECIFIED, TESTS WERE PERFORMED IN ACCORDANCE WITH ASTM TEST METHODS C31, C39, C138, C143, C173, AND C1064. FRACTURE TYPE INDICATED BY NUMBER

**(Type 1) Cone (Type 2) Cone-split (Type 3) Vertical (Type 4) Shear (Type 5) Edge Fracture (Type 6) Pointed**

Kenneth Mosman

**Kenneth Mosman**