

Date : 01/11/2024
Project No : 2023C195
Client Company : Toll Bros. Inc.
Arrival Time : 01/11/2024 11:00
Onsite Hours : 04:00

ASEC Report ID : 63666
Name of the Project : Kimbal Bridge Tract
Project Location : Alpharetta
Weather : cloudy
Departure Time : 01/11/2024 15:00
ASEC Technician Name : Aminullah Azimi

Location(S): east side of retaining wall 6.

Testing: A 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: A 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:

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.

Concrete Test Report

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PLACEMENT INFORMATION

Set Number: A	Laboratory Number: 5
Date Sampled: 01/11/2024	Time Sampled: 13:39
Sampled By: Aminullah Azimi	Concrete Supplier: Thomas
Contractor: Toll Brothers	Mix ID: 307FS
Truck Number: 2279	Quantity of Load (cu. yd.): 9
Time Batched: 1:02	Specified Strength : 3000
Location of Placement: east side of retaining wall 6.	Concrete Temperature(°f): 55
Number of samples cast: 5	Air Content (%) : 2
Ambient Temperature (°f): 55	Water added (gal.): 20
Slump (in.): 6	

Specimen Number	Age (Days)	Date Tested	Dia(in.)	Area (sq in.)	Maximum Loads (lbs)	Strength (psi)	% Design Strength	Type of Fracture
1	7	01/18/2024						
2	7	01/18/2024						
3	28	02/08/2024						
4	28	02/08/2024						
5	89.95833333333333	04/10/2024						

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
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