



August 20, 2019

Coyote Ridge Construction, LLC
PO Box 3128
Loveland, Colorado 80539

Attn: Mr. Ken Baty

Re: Construction Materials Testing and Observation Services Report
East Ridge Subdivision Phase 6
Fort Collins, Colorado
Soilogic Project # 16-2046

Mr. Baty:

During the period of April 4 through July 27, 2018, Soilogic Inc. (Soilogic) provided construction materials testing and observation services for the referenced project. Our services were provided on a part-time basis and included the observation and testing of concrete delivered to the site for placement and asphaltic concrete placed during paving of the site roadways. Results of the observation and testing services completed during the referenced period are included with this report.

During the referenced period, Soilogic personnel observed and tested cast-in-place concrete delivered to the site for construction of inlets, curb and gutter and sidewalks. The testing completed in the field included slump, air content, unit weight, concrete temperature, and ambient air temperature at the time of placement. Test cylinders were molded from representative samples of the plastic concrete for laboratory curing and compressive strength testing. Results of the field and laboratory tests performed during the referenced period are included with this report. Results of laboratory concrete compressive strength tests completed during the referenced period are also included and will be provided as they become available.

During the site paving operation, Soilogic personnel obtained two (2) representative samples of the asphaltic concrete being placed for laboratory evaluation. The laboratory testing performed on the obtained samples included Rice value (ASTM D-2041) asphalt content by ignition (ASTM D-6307) and washed sieve analysis/gradation (ASTM C-117 and C-136) tests.

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The completed laboratory testing performed on the asphaltic concrete samples indicated those materials met the project gradation and asphalt content specifications.

During and after compaction of the asphaltic concrete, density tests were completed on the in-place pavement using a portable nuclear density gauge in general accordance with ASTM specification D-2950. The nuclear density tests were completed at random locations across the pavement surface. Results of the completed field density tests are outlined on the attached summary sheet. The final completed asphaltic concrete field density tests met the project compaction requirement of 92 to 96% of the materials Rice value.

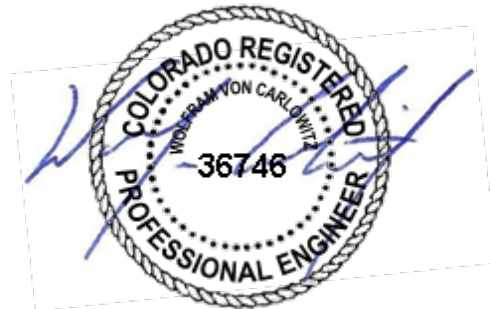
We appreciate the opportunity to be of service to you on this project. If you have any questions concerning the enclosed information or if we can be of further assistance to you in any way, please do not hesitate to contact us.

Very Truly Yours,
Soilogic, Inc.



Jason Horner, E.I.
Project Engineer

Reviewed by:



Wolf von Carlowitz, P.E.
Principal Engineer