Transmittal

Report Date: 12/06/23

Twin Falls
2332 Eldridge Avenue
Twin Falls, ID 83301
Phone: 208.733.8200

Client:
High Output Construction, Inc.
534 E Street
Rupert, ID 83350

Project:
TF23166A
Albion Sidewalk Improvements & Whitman St Reconstruction
Whitman St.
Albion, ID 83311

Table of Contents

Distribution List

Name	Company
Tracy, Matt	High Output Construction, Inc.
Vance, Charles	

Prepared by: KIMBERLY VOGAN
Office Administrator

In-Place Density Tests

Report #: SNG-000005
Test Method: ASTM D 6938

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Test Results

Test #	Retest Of	Test Date	Proctor ID	Method	Soil Classification	Optimum Moisture (%)	Maximum Dry Density (pcf)	In Place Moisture (%)	In Place Dry Density (pcf)	In Place Wet Density (pcf)	Probe Depth (in)	Percent Compaction	Min/Max Comp. (%)	Remark
35		12/06/23	49426 133.3 @ 8.2%	D	GW	8.2	133.3	6.2	127.6	135.5	4	96	95 / 105	DP
36		12/06/23	49426 133.3 @ 8.2%	D	GW	8.2	133.3	6.5	128.8	137.2	4	97	95 / 105	DP
37		12/06/23	49426 133.3 @ 8.2%	D	GW	8.2	133.3	5.8	126.4	133.7	4	95	95 / 105	DP
38		12/06/23	49426 133.3 @ 8.2%	D	GW	8.2	133.3	7.4	126.5	135.9	4	95	95 / 105	DP
39		12/06/23	49426 133.3 @ 8.2%	D	GW	8.2	133.3	4.9	126.1	132.3	4	95	95 / 105	DP
40		12/06/23	49426 133.3 @ 8.2%	D	GW	8.2	133.3	5.4	126.0	132.8	4	95	95 / 105	DP
41		12/06/23	49426 133.3 @ 8.2%	D	GW	8.2	133.3	6.8	126.9	135.5	4	95	95 / 105	DP

Test Information

Test #	Test Location	Elevation	Reference	Gauge Make / Model / SN / Calibrated	Field Technician
35	Aggregate - Base Course: W Market Street, 275' East of Vaughn St. Intersection.		Finished Base	Troxler / 3430 / 37624 / 02/02/2023	CONRAD, BRANDON
36	Aggregate - Base Course: W Market Street, 300' East of Vaughn St. Intersection.		Finished Base	Troxler / 3430 / 37624 / 02/02/2023	CONRAD, BRANDON
37	Aggregate - Base Course: W Market Street, 325' East of Vaughn St. Intersection.		Finished Base	Troxler / 3430 / 37624 / 02/02/2023	CONRAD, BRANDON
38	Aggregate - Base Course: W Market Street, 350' East of Vaughn St. Intersection.		Finished Base	Troxler / 3430 / 37624 / 02/02/2023	CONRAD, BRANDON
39	Aggregate - Base Course: West Street, 10' South of Alleyway.		Finished Base	Troxler / 3430 / 37624 / 02/02/2023	CONRAD, BRANDON
40	Aggregate - Base Course: West Street, 35' South of Alleyway.		Finished Base	Troxler / 3430 / 37624 / 02/02/2023	CONRAD, BRANDON
41	Aggregate - Base Course: West Street, 60' South of Alleyway.		Finished Base	Troxler / 3430 / 37624 / 02/02/2023	CONRAD, BRANDON

Remarks	Comments
DP: Density Pass	Tests are "Direct Transmission" (Method A) unless probe depth is noted as "Backscatter". Gauge calibration data on file with the testing agency.

Reviewed by Charles Vance
Business Manager

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STRATA Representative: CONRAD, BRANDON | **Service Date:** 12/06/2023 | **Mileage / Vehicle:** 100.0

Start Time: 06:00 | **Finish Time:** 10:30 | **Hours:** 4.5

Temperature (°F): 29 | **Precipitation:** Dry | **Wind:** Calm

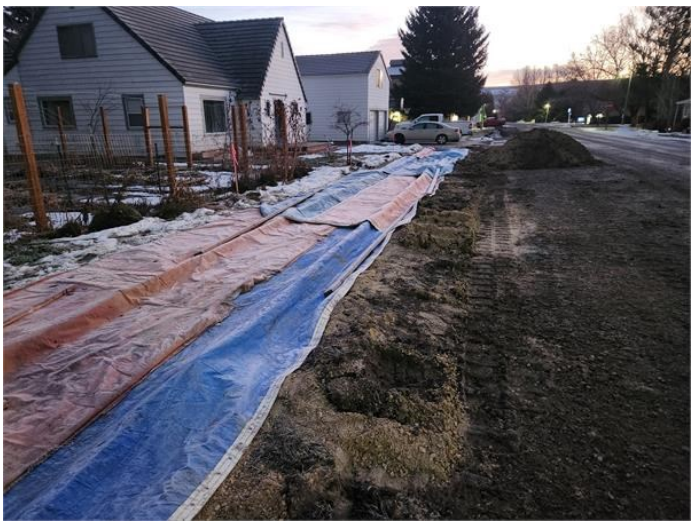
Field Professional - Overtime - In Place Density Testing

Activity Hours: 2.00

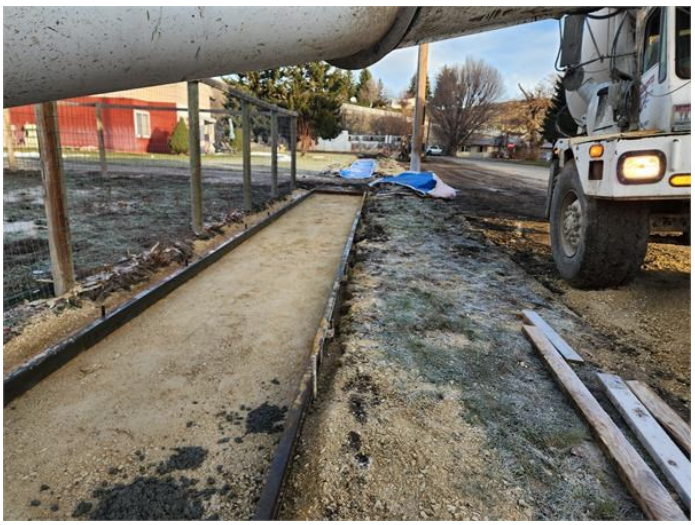
Ref Plans / Specifications: Keller Associates **Date:** 08/24/2023

Narrative:

I loaded my truck and drove to the project site located in Albion, Idaho, at the request of Mr. Matt Tracey, Superintendent with High Output Construction (HOC), for the requested moisture and density testing and concrete testing again this morning. I arrived at the project site on W Market Street and spoke with Mr. Luis Lara with HOC. HOC personnel were still placing and compacting their 3/4" aggregate base material from the 6S pit for the sidewalk again today. HOC had another section of the sidewalk prepared on W Market St., starting at approximately 275 feet to the East of the Vaughn Street intersection with a section, approximately 75 feet long near the alleyway on West Street. I performed a standard count on my Troxler 3430 gauge #37624 and prepared for the requested testing. I performed four moisture and density tests along W Market St. and three tests along West Street, as the project specifications required, one density test per 100 square feet. All the tests performed appeared to meet or exceed the project requirements and the Idaho Standard Public Works Construction (ISPWC), of 95% minimum of an AASHTO T 99 moisture density relationship curve (proctor). Again, this morning, I did not observe any frozen material throughout the testing process as HOC had the aggregate base double covered with concrete blankets. After completing the requested testing, I set up my testing equipment for the requested concrete testing.



Location: W Market Street looking East.



Subject: West Street sidewalk looking North.

Noted Deviations: No **Reported to:** Mr. Luis Lara, HOC

Field Professional - Portland Cement Concrete Testing

Activity Hours: 2.50

Ref Plans / Specifications: Keller Associates **Date:** 08/24/2023

Narrative:

Daily Field Report

Report #: 0074-000006
Report Date: 12/06/2023

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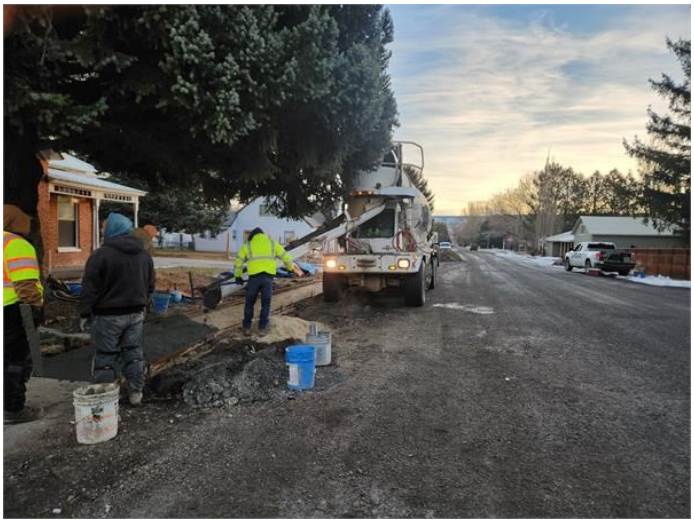
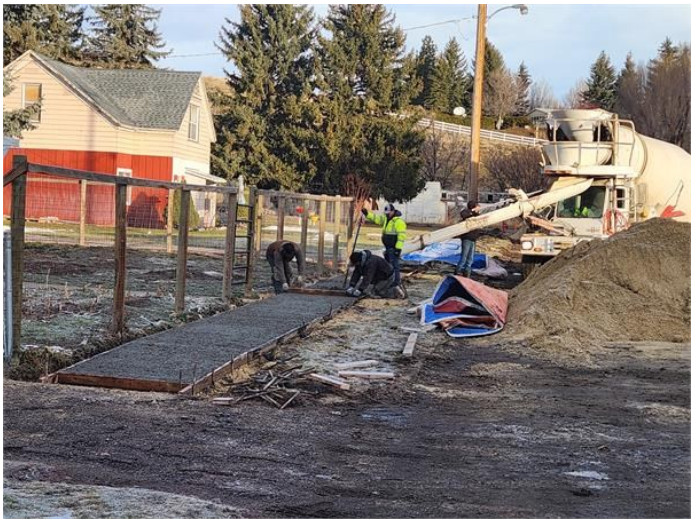
After completing the requested moisture and density testing, I set up my concrete testing equipment and waited for the concrete to arrive. Kloepfer Inc. is again providing the concrete for today's scheduled 8:00 am placement. The first and only truck of the day arrived on site at 7:57 am with 10 cubic yards of their 6-sack mix that was ordered. After the placement began via truck and chute, and the truck had discharged about two cubic yards of concrete, I obtained my sample from the chute of the truck then performed tests for slump (4"), air content (4.6%), temperatures (ambient (29°) & concrete (60°)) and cast five 4"x8" cylinders for compressive strength testing at various specified test dates. All sampling and testing were performed in reference to the American Concrete Institute (ACI) standards and all tests appeared to meet the project specifications, with exception of the air content which was low at 4.6%. I informed the ready-mix driver of the air content results and he informed me that he did not have any air entrainment additive with him to add to the load. I reported the test results to the HOC personnel on site and they continued with the placement. I informed Mr. Tracey of the test results via telephone as well. I then placed the cylinders in our cure box on site in warm water and under a concrete blanket for the initial overnight cure time. I remained on site and observed the rest of the placement of the truckload. After completing the requested concrete testing and observations, I finished my cleanup, loaded my equipment and the cylinders I had cast for yesterday's placement, and returned to our Twin Falls office to finalize my reports and then log, strip, label and place the test specimens in our cure room until the required testing dates.



Location: W Market Street Concrete placement looking East.



Subject:
Concrete placement via truck and chute on West Street looking North.

Noted Deviations: No

Reported to: Mr. Luis Lara, HOC

Reviewed by Charles Vance
Business Manager