STRATA Transmittal

Report Date: 11/30/23

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

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Uploaded	TF23166A SA1 TF230574 BCON 112923	
In-Place Density Tests	Test-0001-0024 Date-2023-11-28 Technician-CONRAD, BRANDON	SNG-000002

Distribution List

Name	Company
Harrell, Reid	
Vance, Charles	

Prepared by: KIMBERLY VOGAN
Office Administrator

Laboratory Report

Project: Albion Sidewalk Improvements & Whitman St Reconst.

Project Number: TF23166A
Date: 11/29/2023
Tested By: B.Conrad

Client: High Output Construction, Inc.
283 S, ID-24
Rupert, Idaho 83350

Sample Source: 6S Pit
Sample Description: 3/4" Aggregate Base Material
Sample Location: On Site Stockpile
Test No: 1

Sample Number: TF23
Sampled By: B.Conrad
Date Sampled:11/28/2023
Date Received: 11/28/2023

Sieve Analysis

Standards: AASHTO T 11, T 27

Sieve Size	Metric	Percent Passing	ISPWC Spec Limits
1"	25 mm	100	100
3/4"	19 mm	98	90-100
1/2"	12.5 mm	80	
3/8"	9.5 mm	68	
No. 4	4.75 mm	45	40-65
No. 8	2.36 mm	34	30-50
No. 16	1.18 mm	26	
No. 30	0.6 mm	21	
No. 50	0.3 mm	16	
No. 100	0.15 mm	11	
No. 200	0.075 mm	8.1	3.0-9.0

Reviewed By: 

2332 Eldridge Avenue | Twin Falls, Idaho 83301 | Phone 208.733.8200
www.stratageotech.com

In-Place Density Tests

Report #: SNG-000002
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
1		11/28/23	49426 133.3 @ 8.2%	D	GW	8.2	133.3	6.6	127.8	136.2	4	96	95 / 105	DP
2		11/28/23	49426 133.3 @ 8.2%	D	GW	8.2	133.3	6.4	127.3	135.4	4	95	95 / 105	DP
3		11/28/23	49426 133.3 @ 8.2%	D	GW	8.2	133.3	7.8	128.2	138.2	4	96	95 / 105	DP
4		11/28/23	49426 133.3 @ 8.2%	D	GW	8.2	133.3	7.5	127.4	137.0	4	96	95 / 105	DP
5		11/28/23	49426 133.3 @ 8.2%	D	GW	8.2	133.3	6.3	129.9	138.1	4	97	95 / 105	DP
6		11/28/23	49426 133.3 @ 8.2%	D	GW	8.2	133.3	6.8	128.3	137.0	4	96	95 / 105	DP
7		11/28/23	49426 133.3 @ 8.2%	D	GW	8.2	133.3	6.2	127.3	135.2	4	95	95 / 105	DP
8		11/28/23	49426 133.3 @ 8.2%	D	GW	8.2	133.3	6.0	128.1	135.8	4	96	95 / 105	DP

Test Information

Test #	Test Location	Elevation	Reference	Gauge Make / Model / SN / Calibrated	Field Technician
1	Aggregate - Base Course: Vaughn Street sidewalk, 10' South of North end		Finished Base	Troxler / 3430 / 37624 / 02/02/2023	CONRAD, BRANDON
2	Aggregate - Base Course: Vaughn Street sidewalk, 30' South of North end		Finished Base	Troxler / 3430 / 37624 / 02/02/2023	CONRAD, BRANDON
3	Aggregate - Base Course: Vaughn Street sidewalk, 50' South of North end		Finished Base	Troxler / 3430 / 37624 / 02/02/2023	CONRAD, BRANDON
4	Aggregate - Base Course: Vaughn Street sidewalk, 70' South of North end		Finished Base	Troxler / 3430 / 37624 / 02/02/2023	CONRAD, BRANDON
5	Aggregate - Base Course: Vaughn Street sidewalk, 90' South of North end at North Street		Finished Base	Troxler / 3430 / 37624 / 02/02/2023	CONRAD, BRANDON
6	Aggregate - Base Course: Vaughn Street sidewalk, 110' South of North end at North Street		Finished Base	Troxler / 3430 / 37624 / 02/02/2023	CONRAD, BRANDON
7	Aggregate - Base Course: Vaughn Street sidewalk, 130' South of North end at North Street		Finished Base	Troxler / 3430 / 37624 / 02/02/2023	CONRAD, BRANDON
8	Aggregate - Base Course: Vaughn Street sidewalk, 150' South of North end at North Street		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.

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9		11/28/23	49426 133.3 @ 8.2%	D	GW	8.2	133.3	6.7	129.4	138.1	4	97	95 / 105	DP
10		11/28/23	49426 133.3 @ 8.2%	D	GW	8.2	133.3	7.0	129.8	138.9	4	97	95 / 105	DP
11		11/28/23	49426 133.3 @ 8.2%	D	GW	8.2	133.3	7.3	130.9	140.5	4	98	95 / 105	DP
12		11/28/23	49426 133.3 @ 8.2%	D	GW	8.2	133.3	5.0	127.0	133.4	4	95	95 / 105	DP
13		11/28/23	49426 133.3 @ 8.2%	D	GW	8.2	133.3	6.3	127.9	136.0	4	96	95 / 105	DP
14		11/28/23	49426 133.3 @ 8.2%	D	GW	8.2	133.3	6.8	129.1	137.9	4	97	95 / 105	DP
15		11/28/23	49426 133.3 @ 8.2%	D	GW	8.2	133.3	8.7	126.1	137.1	4	95	95 / 105	DP
16		11/28/23	49426 133.3 @ 8.2%	D	GW	8.2	133.3	6.6	127.3	135.7	4	95	95 / 105	DP

Test Information

Test #	Test Location	Elevation	Reference	Gauge Make / Model / SN / Calibrated	Field Technician
9	Aggregate - Base Course: Vaughn Street sidewalk, 170' South of North end at North Street		Finished Base	Troxler / 3430 / 37624 / 02/02/2023	CONRAD, BRANDON
10	Aggregate - Base Course: Vaughn Street sidewalk, 190' South of North end at North Street		Finished Base	Troxler / 3430 / 37624 / 02/02/2023	CONRAD, BRANDON
11	Aggregate - Base Course: Vaughn Street sidewalk, 210' South of North end at North Street		Finished Base	Troxler / 3430 / 37624 / 02/02/2023	CONRAD, BRANDON
12	Aggregate - Base Course: Vaughn Street sidewalk, 230' South of North end at North Street		Finished Base	Troxler / 3430 / 37624 / 02/02/2023	CONRAD, BRANDON
13	Aggregate - Base Course: Vaughn Street sidewalk, 250' South of North end at North Street		Finished Base	Troxler / 3430 / 37624 / 02/02/2023	CONRAD, BRANDON
14	Aggregate - Base Course: Vaughn Street sidewalk, 270' South of North end at North Street		Finished Base	Troxler / 3430 / 37624 / 02/02/2023	CONRAD, BRANDON
15	Aggregate - Base Course: Vaughn Street sidewalk, 290' South of North end at North Street		Finished Base	Troxler / 3430 / 37624 / 02/02/2023	CONRAD, BRANDON
16	Aggregate - Base Course: Vaughn Street sidewalk, 310' South of North end at North Street		Finished Base	Troxler / 3430 / 37624 / 02/02/2023	CONRAD, BRANDON

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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
17		11/28/23	49426 133.3 @ 8.2%	D	GW	8.2	133.3	7.8	126.8	136.7	4	95	95 / 105	DP
18		11/28/23	49426 133.3 @ 8.2%	D	GW	8.2	133.3	8.1	130.7	141.3	4	98	95 / 105	DP
19		11/28/23	49426 133.3 @ 8.2%	D	GW	8.2	133.3	7.7	129.1	139.0	4	97	95 / 105	DP
20		11/28/23	49426 133.3 @ 8.2%	D	GW	8.2	133.3	8.2	128.1	138.6	4	96	95 / 105	DP
21		11/28/23	49426 133.3 @ 8.2%	D	GW	8.2	133.3	7.2	126.7	135.8	4	95	95 / 105	DP
22		11/28/23	49426 133.3 @ 8.2%	D	GW	8.2	133.3	6.5	129.8	138.2	4	97	95 / 105	DP
23		11/28/23	49426 133.3 @ 8.2%	D	GW	8.2	133.3	6.8	126.4	135.0	4	95	95 / 105	DP
24		11/28/23	49426 133.3 @ 8.2%	D	GW	8.2	133.3	7.0	126.7	135.6	4	95	95 / 105	DP

Test Information

Test #	Test Location	Elevation	Reference	Gauge Make / Model / SN / Calibrated	Field Technician
17	Aggregate - Base Course: Vaughn Street sidewalk, 330' South of North end at North Street		Finished Base	Troxler / 3430 / 37624 / 02/02/2023	CONRAD, BRANDON
18	Aggregate - Base Course: W Market Street sidewalk, 10' West of Vaugh Street		Finished Base	Troxler / 3430 / 37624 / 02/02/2023	CONRAD, BRANDON
19	Aggregate - Base Course: W Market Street sidewalk, 30' West of Vaugh Street		Finished Base	Troxler / 3430 / 37624 / 02/02/2023	CONRAD, BRANDON
20	Aggregate - Base Course: W Market Street sidewalk, 50' West of Vaugh Street		Finished Base	Troxler / 3430 / 37624 / 02/02/2023	CONRAD, BRANDON
21	Aggregate - Base Course: W Market Street sidewalk, 70' West of Vaugh Street		Finished Base	Troxler / 3430 / 37624 / 02/02/2023	CONRAD, BRANDON
22	Aggregate - Base Course: W Market Street sidewalk, 90' West of Vaugh Street		Finished Base	Troxler / 3430 / 37624 / 02/02/2023	CONRAD, BRANDON
23	Aggregate - Base Course: W Market Street sidewalk, 110' West of Vaugh Street		Finished Base	Troxler / 3430 / 37624 / 02/02/2023	CONRAD, BRANDON
24	Aggregate - Base Course: W Market Street sidewalk, 130' West of Vaugh Street		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