



Bituminous Density

Report Date: 12/24/2024
 Test Method:

Client:
 Tailor Made Exteriors
 1610 SE Hamblen Rd
 Lee's Summit, MO 64081

Project:
 230445
 TM Fieldhouse
 1600 SE Hamblen Rd
 Lees Summit, MO 64081

Alpha Omega Geotech, Inc
 1701 State Avenue
 Kansas City, KS 66102
 Phone: 913-371-0000

Test Results

Test #	Retest Of	Test Date	Test Location	Material	Mix Design	Thickness (in)	Max Density (pcf)	Max Density Source	In Place Density (pcf)	Probe Depth (in)	Percent Comp.	Min/Max Comp. (%)	Remark	Gauge SN	Technician
62		12/10/24	Base Fill: Pavement: East side widening strip, Hamblen Rd. 20' north of Kingspoint Road.	Base		4	155.1	Supplied Value	145.7	Backscatter	94	93 / 96		5056	Calvin Hiebert
63		12/10/24	Base Fill: Pavement: East side widening strip, Hamblen Rd. 60' north of Kingspoint Road.	Base		4	155.1	Supplied Value	145.8	Backscatter	94	93 / 96		5056	Calvin Hiebert
64		12/10/24	Base Fill: Pavement: East side widening strip, Hamblen Rd. 100' north of Kingspoint Road.	Base		4	155.1	Supplied Value	144.9	Backscatter	93	93 / 96		5056	Calvin Hiebert
65		12/10/24	Base Fill: Pavement: East side widening strip, Hamblen Rd. 150' north of Kingspoint Road.	Base		4	155.1	Supplied Value	144.2	Backscatter	93	93 / 96		5056	Calvin Hiebert
66		12/10/24	Base Fill: Pavement: East side widening strip, Hamblen Rd. Station 13+00	Base		4	155.1	Supplied Value	147.6	Backscatter	95	93 / 96		5056	Calvin Hiebert
67		12/10/24	Base Fill: Pavement: East side widening strip, Hamblen Rd. Station 12+50	Base		4	155.1	Supplied Value	147.8	Backscatter	95	93 / 96		5056	Calvin Hiebert
68		12/10/24	Base Fill: Pavement: East side widening strip, Hamblen Rd. Station 11+50	Base		4	155.1	Supplied Value	145.1	Backscatter	94	93 / 96		5056	Calvin Hiebert
69		12/10/24	Base Fill: Pavement: East side widening strip, Hamblen Rd. Station 10+50	Base		4	155.1	Supplied Value	145.3	Backscatter	94	93 / 96		5056	Calvin Hiebert
70		12/10/24	Base Fill: Pavement: East side widening strip, Hamblen Rd. Station 9+50	Base		4	155.1	Supplied Value	148.2	Backscatter	96	93 / 96		5056	Calvin Hiebert



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71		12/10/24	Base Fill: Pavement: East side widening strip, Hamblen Rd. Station 8+50	Base		4	155.1	Supplied Value	146.7	Backscatter	95	93 / 96		5056	Calvin Hiebert
72		12/10/24	Base Fill: Pavement: East side widening strip, Hamblen Rd. Station 7+50	Base		4	155.1	Supplied Value	145.6	Backscatter	94	93 / 96		5056	Calvin Hiebert
73		12/10/24	Base Fill: Pavement: East side widening strip, Hamblen Rd. Station 6+50	Base		4	155.1	Supplied Value	145.0	Backscatter	93	93 / 96		5056	Calvin Hiebert
74		12/10/24	Base Fill: Pavement: East side widening strip, Hamblen Rd. Station 5+00	Base		4	155.1	Supplied Value	147.3	Backscatter	95	93 / 96		5056	Calvin Hiebert
75		12/10/24	Base Fill: Pavement: East side widening strip, Hamblen Rd. Station 4+00	Base		4	155.1	Supplied Value	146.3	Backscatter	94	93 / 96		5056	Calvin Hiebert
76		12/10/24	Base Fill: Pavement: East side widening strip, Hamblen Rd. Station 3+00	Base		4	155.1	Supplied Value	146.3	Backscatter	94	93 / 96		5056	Calvin Hiebert
77		12/10/24	Base Fill: Pavement: East side widening strip, Hamblen Rd. Station 2+00	Base		4	155.1	Supplied Value	146.9	Backscatter	95	93 / 96		5056	Calvin Hiebert
78		12/10/24	Base Fill: Pavement: East side widening strip, Hamblen Rd. Station 1+50	Base		4	155.1	Supplied Value	147.3	Backscatter	95	93 / 96		5056	Calvin Hiebert
79		12/12/24	Base Fill: Hamblen rd expansion. East side of street Station 1+50	Base		4	155.1	Supplied Value	147.9	Backscatter	95	93 / 96		10582	Jacob Smith



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Test #	Retest Of	Test Date	Test Location	Material	Mix Design	Thickness (in)	Max Density (pcf)	Max Density Source	In Place Density (pcf)	Probe Depth (in)	Percent Comp.	Min/Max Comp. (%)	Remark	Gauge SN	Technician
80		12/12/24	Base Fill: Hamblen rd expansion. East side of street Station 2+00	Base		4	155.1	Supplied Value	146.2	Backscatter	94	93 / 96		10582	Jacob Smith
81		12/12/24	Base Fill: Hamblen rd expansion. East side of street Station 3+00	Base		4	155.1	Supplied Value	145.3	Backscatter	94	93 / 96		10582	Jacob Smith
82		12/12/24	Base Fill: Hamblen rd expansion. East side of street Station 4+00	Base		4	155.1	Supplied Value	147.0	Backscatter	95	93 / 96		10582	Jacob Smith
83		12/12/24	Base Fill: Hamblen rd expansion. East side of street Station 5+00	Base		4	155.1	Supplied Value	145.7	Backscatter	94	93 / 96		10582	Jacob Smith
84		12/12/24	Base Fill: Hamblen rd expansion. East side of street Station 7+00	Base		4	155.1	Supplied Value	145.7	Backscatter	94	93 / 96		10582	Jacob Smith
85		12/12/24	Base Fill: Hamblen rd expansion. East side of street Station 8+00	Base		4	155.1	Supplied Value	148.4	Backscatter	96	93 / 96		10582	Jacob Smith
86		12/12/24	Base Fill: Hamblen rd expansion. East side of street Station 9+00	Base		4	155.1	Supplied Value	148.3	Backscatter	96	93 / 96		10582	Jacob Smith
87		12/12/24	Base Fill: Hamblen rd expansion. East side of street Station 10+00	Base		4	155.1	Supplied Value	146.3	Backscatter	94	93 / 96		10582	Jacob Smith
88		12/12/24	Base Fill: Hamblen rd expansion. East side of street Station 11+00	Base		4	155.1	Supplied Value	144.9	Backscatter	93	93 / 96		10582	Jacob Smith



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89		12/12/24	Base Fill: Hamblen rd expansion. East side of street Station 12+00	Base		4	155.1	Supplied Value	146.4	Backscatter	94	93 / 96		10582	Jacob Smith
90		12/12/24	Base Fill: Hamblen rd expansion. East side of street Station 13+00	Base		4	155.1	Supplied Value	146.3	Backscatter	94	93 / 96		10582	Jacob Smith
91		12/12/24	Base Fill: Hamblen rd expansion. East side of street Station 14+00	Base		4	155.1	Supplied Value	145.7	Backscatter	94	93 / 96		10582	Jacob Smith
92		12/12/24	Base Fill: Hamblen rd expansion. East side of street Station 15+00	Base		4	155.1	Supplied Value	146.0	Backscatter	94	93 / 96		10582	Jacob Smith

Remarks

Comments

Tests are "Direct Transmission" (Method A) unless probe depth is noted as "Backscatter"

Gauge Information

Gauge SN	Make	Model	Density Count	Moisture Count	Standard Count Date	Last Calibration Date	Last Calibrated By
10582	Humboldt	5001EZ-2	3312	343	12/12/24	04/11/24	Calibration Solutions, LLC
5056	Humboldt	5001ez	2363	488	12/10/24	04/11/24	Calibration Solutions, LLC