



ENTECH
ENGINEERING, INC.

505 ELKTON DRIVE
COLORADO SPRINGS, CO 80907
PHONE (719) 531-5599
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October 19, 2021
Revised: November 2, 2021

TC&C, LLC
17572 Colonial Park Drive
Monument, Colorado 80132

Attn: Carl Turse

Re: Asphalt Testing – Roadway
Rollin Ridge
Colorado Springs, Colorado
Report No. 1, Tests 1 – 26

Dear Mr. Turse,

As requested, personnel of Entech Engineering, Inc. have performed asphalt testing at the above referenced site.

Asphalt testing on this site was performed on September 13, 2021 - September 15, 2021. The tests indicate that the materials have been properly compacted at the depths and locations noted. Results of the asphalt tests are attached with this letter.

We trust that this has provided you with the information you require. Should you have any questions or need further information, please do not hesitate to contact us.

Respectfully submitted,

ENTECH ENGINEERING, INC.


Joseph C. Goode, Jr.
President



JCG/kw

Enclosure

Entech Job No. 210369

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Client: TC&C, LLC	Entech Job #: 210369.6	Maximum Density Key: M = Marshall Value
Project: Rollin Ridge	Tested By: J. Busemeyer	R = Rice Value
Subject: Asphalt Roadway	Report Date: 11-02-2021	

Test #	Location	Testing Date	Percent Compaction	Percent Required	Field Density	Maximum Density	Pass/Fail
1	Northbound lane of Cherry Crossings Drive, Station 19 + 00, 10' off center line, first lift.	9/13/21	93	92-96	141.7	R - 152.1	<input type="checkbox"/>
2	Northbound lane of Cherry Crossings Drive, Station 17 + 00, 5' off center line, first lift.	9/13/21	93	92-96	141.2	R - 152.1	<input type="checkbox"/>
3	Southbound lane of Cherry Crossings Drive, Station 18 + 75, 1' off center line, first lift.	9/13/21	94	92-96	142.3	R - 152.1	<input type="checkbox"/>
4	Southbound lane of Cherry Crossings Drive, Station 16 + 50, 8' off center line, first lift.	9/13/21	93	92-96	141.3	R - 152.1	<input type="checkbox"/>
5	Northbound lane of Cherry Crossings Drive, Station 15 + 00, 12' off center line, first lift.	9/13/21	94	92-96	142.4	R - 152.1	<input type="checkbox"/>
6	Northbound lane of Cherry Crossings Drive, Station 13 + 25, 6' off center line, first lift.	9/13/21	92	92-96	140.4	R - 152.1	<input type="checkbox"/>
7	Northbound lane of Cherry Crossings Drive, Station 11 + 00, 10' off center line, first lift.	9/13/21	93	92-96	141.3	R - 152.1	<input type="checkbox"/>
8	Southbound lane of Cherry Crossings Drive, Station 15 + 50, 1' off center line, first lift.	9/13/21	93	92-96	141.9	R - 152.1	<input type="checkbox"/>
9	Southbound lane of Cherry Crossings Drive, Station 13 + 75, 10' off center line, first lift.	9/13/21	93	92-96	141.2	R - 152.1	<input type="checkbox"/>
10	Southbound lane of Cherry Crossings Drive, Station 11 + 50, 8' off center line, first lift.	9/13/21	94	92-96	142.3	R - 152.1	<input type="checkbox"/>

All dimensions are approximate. Cl. = Centerline



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ASPHALT TESTING RESULTS

Joseph C. Goode, Jr., P.E.

Client: TC&C, LLC	Entech Job #: 210369.6	Maximum Density Key: M = Marshall Value
Project: Rollin Ridge	Tested By: J. Busemeyer	R = Rice Value
Subject: Asphalt Roadway	Report Date: 11-02-2021	

Test #	Test Location	Testing Date	Percent Compaction	Percent Required	Field Density	Maximum Density	Pass/Fail <input checked="" type="checkbox"/> = Fail
11	Eastbound lane of Bark Tree Trail, Station 18 + 50, 12' off center line, first lift.	9/14/21	93	92-96	141.2	R - 152.1	<input type="checkbox"/>
12	Eastbound lane of Bark Tree Trail, Station 15 + 75, 5' off center line, first lift.	9/14/21	94	92-96	142.3	R - 152.1	<input type="checkbox"/>
13	Eastbound lane of Bark Tree Trail, Station 12 + 00, 1' off center line, first lift.	9/14/21	93	92-96	141.7	R - 152.1	<input type="checkbox"/>
14	Westbound lane of Bark Tree Trail, Station 18 + 00, 10' off center line, first lift.	9/14/21	94	92-96	142.5	R - 152.1	<input type="checkbox"/>
15	Westbound lane of Bark Tree Trail, Station 15 + 00, 6' off center line, first lift.	9/14/21	93	92-96	141.5	R - 152.1	<input type="checkbox"/>
16	Westbound lane of Bark Tree Trail, Station 11 + 50, 12' off center line, first lift.	9/14/21	94	92-96	142.1	R - 152.1	<input type="checkbox"/>
17	Northbound lane of Cherry Crossings Lane, Station 12 + 00, 8' off center line, second lift.	9/14/21	94	92-96	143.2	R - 152.1	<input type="checkbox"/>
18	Northbound lane of Cherry Crossings Drive, Station 15 + 00, 1' off center line, second lift.	9/14/21	94	92-96	142.3	R - 152.1	<input type="checkbox"/>
19	Southbound lane of Cherry Crossings Drive, Station 11 + 75, 5' off center line, second lift.	9/14/21	94	92-96	143.1	R - 152.1	<input type="checkbox"/>
20	Southbound lane of Cherry Crossings Drive, Station 14 + 50, 12' off center line, second lift.	9/14/21	93	92-96	141.9	R - 152.1	<input type="checkbox"/>

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Client: TC&C, LLC	Entech Job #: 210369.6	Maximum Density Key: M = Marshall Value R = Rice Value
Project: Rollin Ridge	Tested By: J. Busemeyer	
Subject: Asphalt Roadway	Report Date: 11-02-2021	

Test #	Test Location	Testing Date	Percent Compaction	Percent Required	Field Density	Maximum Density	Pass/Fail
21	Station 18 + 00, 10' off of Centerline of the Eastbound Lane of Bark Tree Trail, second lift.	9/15/21	94	92-96	143.1	R - 152.1	<input type="checkbox"/>
22	Station 15 + 25, 5' off of the Centerline of the Eastbound lane of Bark Tree Trail, second lift.	9/15/21	94	92-96	142.1	R - 152.1	<input type="checkbox"/>
23	Station 11 + 50, 8' off of the Centerline of the Eastbound lane of Bark Tree Trail, second lift.	9/15/21	95	92-96	143.6	R - 152.1	<input type="checkbox"/>
24	Station 17 + 75, 1' off of the Centerline of the Westbound lane of Bark Tree Trail, second lift.	9/15/21	93	92-96	142.0	R - 152.1	<input type="checkbox"/>
25	Station 15 + 50, 6' off of the Centerline of the Westbound lane of Bark Tree Trail, second lift.	9/15/21	94	92-96	142.7	R - 152.1	<input type="checkbox"/>
26	Station 11 + 00, 12' off of the Centerline of the Westbound lane of Bark Tree Trail, second lift.	9/15/21	94	92-96	142.1	R - 152.1	<input type="checkbox"/>

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