



ENTECH
ENGINEERING, INC.

505 ELKTON DRIVE
COLORADO SPRINGS, CO 80907
PHONE (719) 531-5599
FAX (719) 531-5238

February 19, 2021

FLRD #7
2138 Flying Horse Club Drive
Colorado Springs, CO 80921

Attn: Mark Sherwood

Re: Trail Surfacing Material
Forest Lakes Residential District
Colorado Springs, Colorado

Dear Mr. Sherwood:

As requested, personnel of Entech Engineering, Inc. performed Grain Size Testing, ASTM D-422, on a sample of proposed trail base at the above referenced site. The material tested is an acceptable substitute for the crushed limestone trail surfacing as specified in the project plans. The material should be placed and compacted according to the project plans. The results of our laboratory testing are attached.

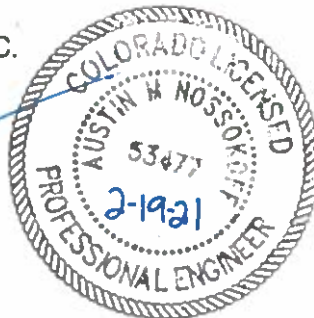
We trust this has provided you with the information you required. If you have any questions or need additional information, please do not hesitate to contact us.

Respectfully Submitted,

ENTECH ENGINEERING, INC.


Austin M. Nossokoff, P.E.

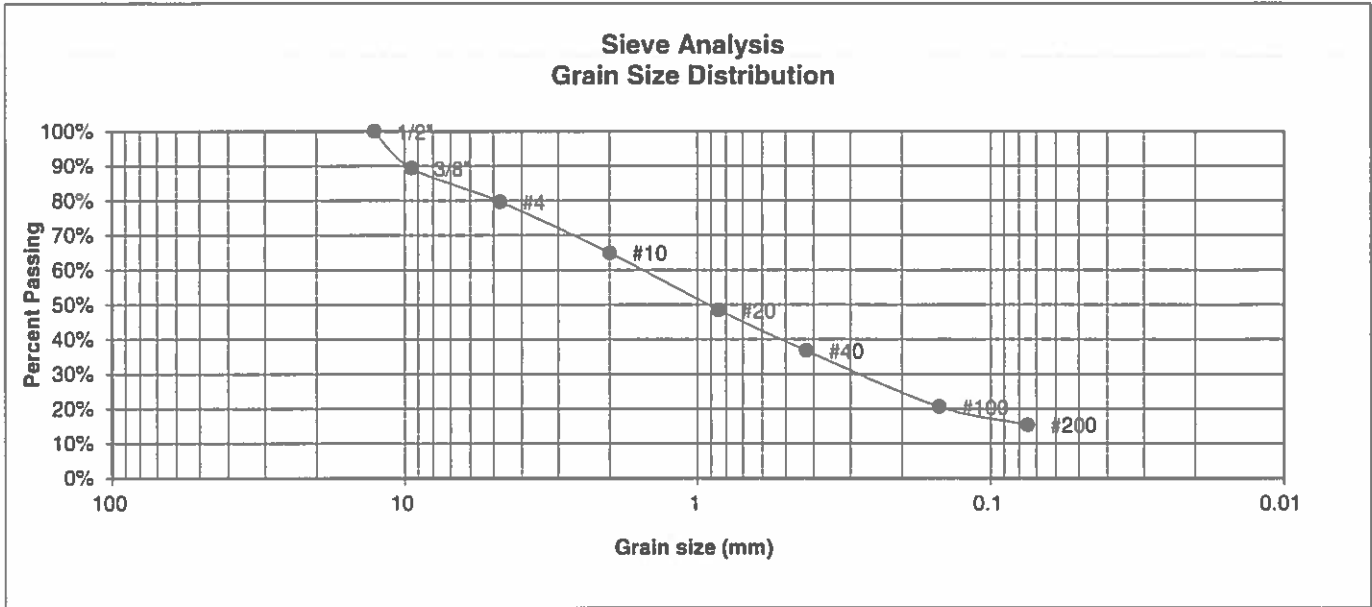
AMN/amn



Entech Job No. 201704

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<u>CLIENT</u>	FLRD #7	<u>UNIFIED CLASSIFICATION</u>	SM	<u>TEST BY</u>	BL
<u>PROJECT</u>	FOREST LAKES, FILING 7	<u>AASHTO CLASSIFICATION</u>		<u>JOB NO.</u>	201704
<u>LOCATION</u>	LOTS 139/138				



U.S. Sieve #	Percent Finer	U.S. Sieve #	Atterberg Limits
3"			Plastic Limit
1 1/2"			Liquid Limit
3/4"			Plastic Index
1/2"	100.0%		
3/8"	89.4%	100	
4	79.7%	70-100	<u>Swell</u>
8	65.0%	45-70	Moisture at start
16	48.5%	30-55	Moisture at finish
30	36.8%	20-45	Moisture increase
100	20.6%		Initial dry density (pcf)
200	15.4%	7-15	Swell (psf)



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COLORADO SPRINGS, COLORADO 80907

**LABORATORY TEST
RESULTS**

DRAWN	DATE	CHECKED:	DATE:
		<i>AV</i>	2-19-21

JOB NO.
201704

FIG NO.