

R. W. Gillespie & Associates, Inc.

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LETTER OF TRANSMITTAL

Doughty & Associates, Inc.

362 U.S. Route One

Falmouth, Maine 04105

Date:	October 5, 2004	Project No.:	438-05
Attention:	Mr. Phillip Doughty (pdarch@maine.rr.com)		
Re:	New Jetways & Addition to Baggage Claim Laboratory Testing Portland, Maine		

We are sending you attached laboratory test results.

Laboratory No. (s)	Test (s) Performed
7424	Washed Gradation & MD

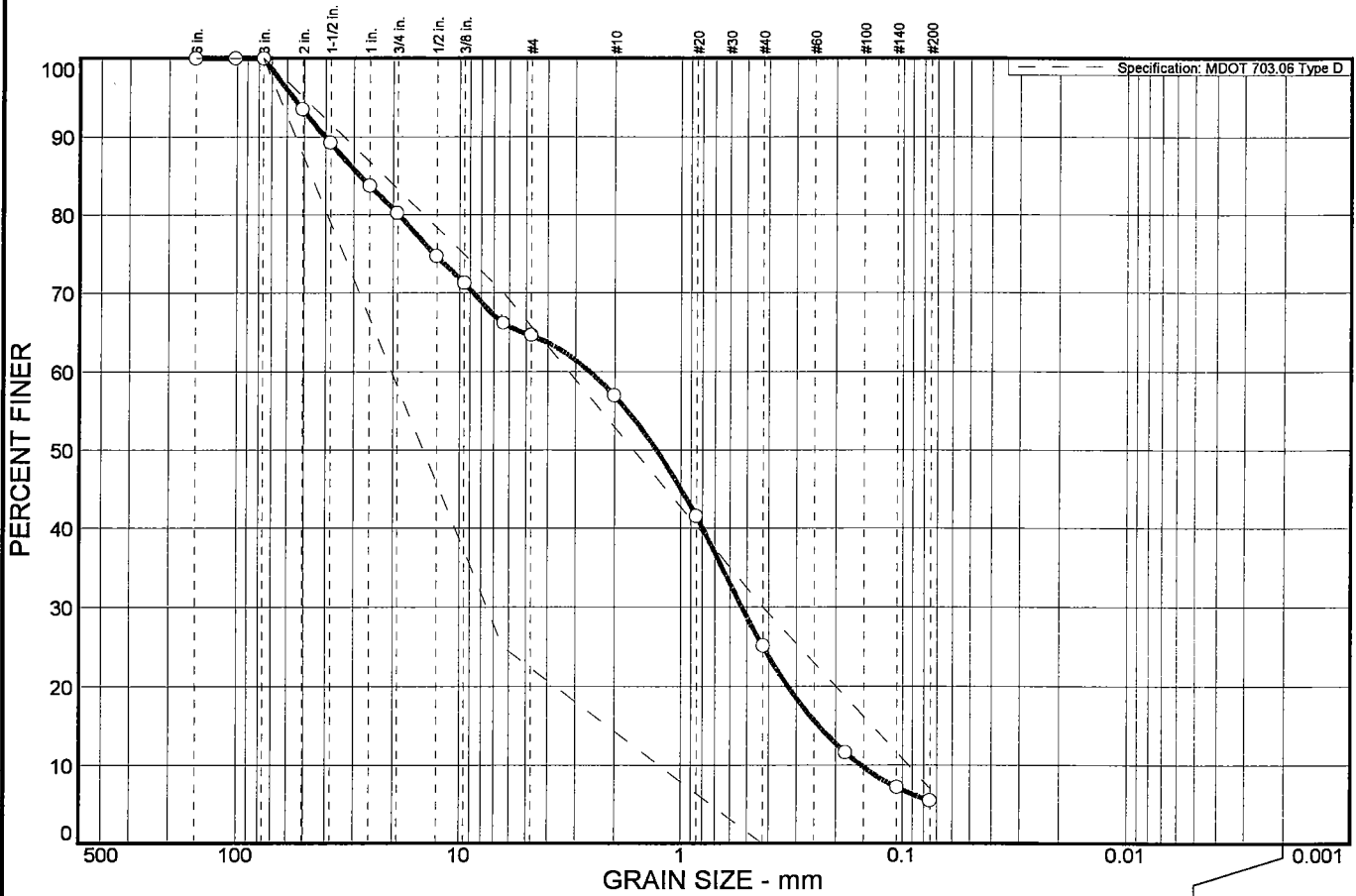
Remarks:

Copy To: Roy Williams (rsw@ci.portland.me.us)

Signed: Suzan A. Bullock

If enclosures are not as noted, kindly notify us at once.

Particle Size Distribution Report



% COBBLES	% GRAVEL		% SAND			% FINES	
	CRS.	FINE	CRS.	MEDIUM	FINE	SILT	CLAY
0.0	19.8	15.6	7.7	31.8	19.6	5.5	

SIEVE SIZE	PERCENT FINER	SPEC.* PERCENT	PASS? (X=NO)
6 in.	100.0	100 - 100	
4 in.	100.0	100 - 100	
3 in.	100.0	100 - 100	
2 in.	93.5		
1.5 in.	89.2		
1 in.	83.7		
3/4 in.	80.2		
1/2 in.	74.7		
3/8 in.	71.3		
1/4 in.	66.2	25 - 70.0	
#4	64.6		
#10	56.9		
#20	41.5		
#40	25.1	0 - 30	
#80	11.6		
#140	7.2		
#200	5.5	0 - 7	

Soil Description

4" minus (Type D) gravel
Poorly graded sand with silt and gravel

Atterberg Limits

PL= LL= PI=

Coefficients

D₈₅= 28.1 D₆₀= 2.59 D₅₀= 1.29
D₃₀= 0.527 D₁₅= 0.238 D₁₀= 0.153
C_u= 16.89 C_c= 0.70

Classification

USCS= SP-SM AASHTO=

Remarks

Moisture Content 3.6%
Tested by PEC

* MDOT 703.06 Type D

Sample No.: 7424
Location: Stockpile

Source of Sample: On-site

Date: 9/24/04
Elev./Depth:

**R.W. Gillespie
&
Associates, Inc.**

Client: Doughty & Associates, Inc.

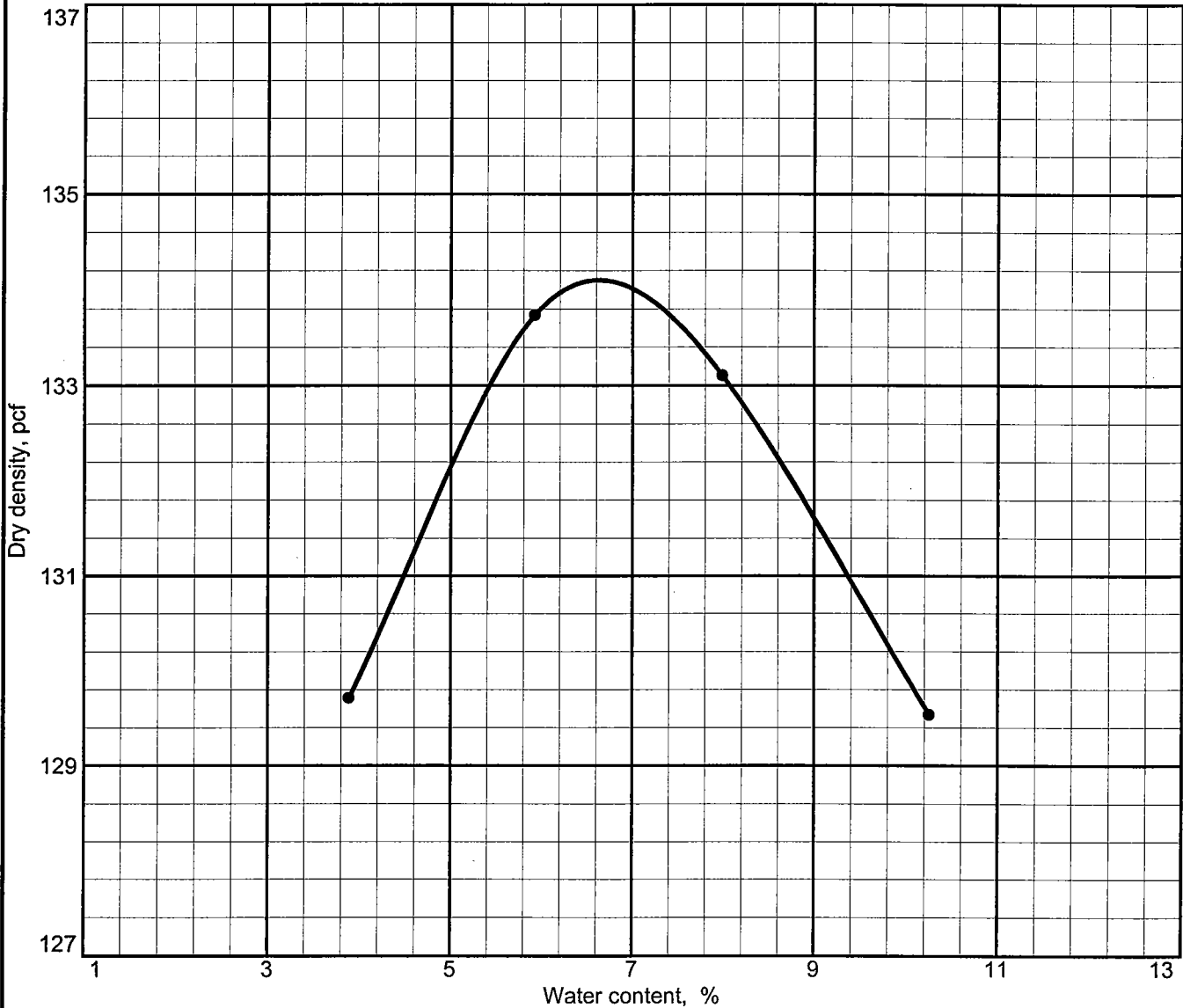
Project: New Jetways & Addition to Baggage Claim Area @ Jetport

Project No: 438-05

Sample No. 7424

MTG

COMPACTION TEST REPORT



Test specification: ASTM D 1557-91 Procedure C Modified
 Oversize correction applied to each point

Elev/ Depth	Classification		Nat. Moist.	Sp.G.	LL	PI	% > 3/4 in.	% < No.200
	USCS	AASHTO						
	SP-SM		3.6%				19.8	5.5

TEST RESULTS	MATERIAL DESCRIPTION
Maximum dry density = 134.1 pcf Optimum moisture = 6.6 %	4" minus (Type D) gravel Poorly graded sand with silt and gravel

Project No. 438-05 Client: Doughty & Associates, Inc. Project: New Jetways & Addition to Baggage Claim Area @ Jetport ● Location: Stockpile	Remarks: Tested by AMA
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