

# AMORY ENGINEERS, P.C.

WATER WORKS • WATER RESOURCES • CIVIL WORKS

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April 3, 2020  
Invoice No. 15355B

Duxbury Planning Board  
Town Hall  
878 Tremont Street  
Duxbury, MA 02332

Professional services March 1 through March 31, 2020

Dogwood Drive (#3980):

Principal	0.5 hr.	@ \$143	\$ 71.50
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**TOTAL DUE: \$ 71.50**

**SUBDIVISION PLAN REVIEW - BREAKDOWN OF HOURS**

Invoice No.:	15355B							
Date:	April 3, 2020							
Billing Period:	March 1 - March 31, 2020							
Project:	Dogwood Drive Definitive Subdivision - Dogwood Drive							
Task:		26-Mar						
							TOTAL \$	
		HOURS SPENT						
Plan Review:	PB						\$ -	
	RJ						\$ -	
	Co-op:						\$ -	
Calculation / Document	PB	0.5					\$ 71.50	
Review:	RJ						\$ -	
	Co-op:						\$ -	
Site Inspection	PB						\$ -	
	RJ						\$ -	
	Co-op:						\$ -	
Letter / Report	PB						\$ -	
Preparation	RJ						\$ -	
	Co-op:						\$ -	
Staff Review:	PB						\$ -	
	RJ						\$ -	
	Co-op:						\$ -	
Meetings, Telephone, email, etc.	PB						\$ -	
	RJ						\$ -	
	Co-op:						\$ -	
Planning Board Hearings:	PB						\$ -	
	RJ						\$ -	
	Co-op:						\$ -	
<b>TOTALS:</b>		0.5	0	0	0	0	0	\$ 71.50



Pat Brennan <[pbrennan@amoryengineers.com](mailto:pbrennan@amoryengineers.com)>

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## 1065 summer st gravel roadway base

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Pat Brennan <[pbrennan@amoryengineers.com](mailto:pbrennan@amoryengineers.com)>

Thu, Mar 26, 2020 at 8:26 AM

To: Rob Celiberti <[robc@crlinc.co](mailto:robc@crlinc.co)>

Let me know when you are installing the gravel base. I'd like to see it going down - I can inspect the final installation at the same time as the binder course.

Patrick G. Brennan, P.E.  
Amory Engineers, P.C.  
25 Depot Street, PO Box 1768  
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c 781-799-0279  
[pbrennan@amoryengineers.com](mailto:pbrennan@amoryengineers.com)  
Website: [www.amoryengineers.com](http://www.amoryengineers.com)

On Thu, Mar 26, 2020 at 8:23 AM Rob Celiberti <[robc@crlinc.co](mailto:robc@crlinc.co)> wrote:

Thanks Pat. I was reading the inspection list your next inspection is after we install/compact gravel base prior to paving correct?

Rob Celiberti

CRL, Inc.

33A Mystic Ave.

Medford, MA 02155

c. 781-718-8008

f. 781-391-3801

e. [robc@crlinc.co](mailto:robc@crlinc.co)

**From:** Pat Brennan <[pbrennan@amoryengineers.com](mailto:pbrennan@amoryengineers.com)>

**Sent:** Thursday, March 26, 2020 8:12 AM

**To:** Rob Celiberti <[robc@crlinc.co](mailto:robc@crlinc.co)>

**Subject:** Re: 1065 summer st gravel roadway base

Hi Rob,

I hope all is well with you. That gravel is acceptable for the roadway gravel base. It meets the processed gravel (M1.03.1) spec.

Pat

Patrick G. Brennan, P.E.  
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25 Depot Street, PO Box 1768  
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Website: [www.amoryengineers.com](http://www.amoryengineers.com)

On Thu, Mar 26, 2020 at 7:34 AM Rob Celiberti <[robc@crlinc.co](mailto:robc@crlinc.co)> wrote:

Hi Pat

I hope all is well considering. Attached is the proposed roadway gravel base.

Tentatively we would like to start installing the gravel base beginning of April and install binder right after.

Please review and let me know, thanks.

Rob Celiberti

CRL, Inc.

33A Mystic Ave.

Medford, MA 02155

c. 781-718-8008

f. 781-391-3801

e. [robc@crlinc.co](mailto:robc@crlinc.co)



# Riley Brothers

Utility Contractors  
Stoughton, MA

Date: March 23, 2020

Customer Name: CRL  
Job Location: Duxbury

Attn: Rob

Material: 1 1/2" Recycled Gravel

Estimated QTY: 1250 yds  
Price: \$14.95/yd 26 yard loads Del in Trailers

Is this job tax exempt? \_\_\_\_\_ Yes / No \_\_\_\_\_  
If yes, all appropriate exempt forms must be provided prior to job commencement  
ST5C & ST-2 / ST-5 & ST-2 / ST-4 & ST-1

Is this job for a public works project with a rate schedule? \_\_\_\_\_ Yes / No \_\_\_\_\_  
If yes, all appropriate paperwork must be provided prior to job commencement

Terms: Subject to 30 Day payment terms unless otherwise indicated. (Subject to credit approval, otherwise, C.O.D.) Based upon weekly invoices. Prices are subject to change after 30 days. State sales tax applicable. 1 1/2 % interest (18 % per annual) added per month on all past due accounts. If the undersigned fails to pay as permitted, then the purchaser agreed to pay interest and all cost of collection including attorney fees. By acceptance, the undersigned purchaser agrees to pay for items purchased and/or delivered and agrees to these terms. Products are subject to approval of sample and availability.

Customer will be responsible for state sales tax of a product if an exempt/resale certificate is not supplied prior to delivery of product. Please provide certificate(s) either by fax 781-341-6077 or email to [lmeunier@rileybrothers.net](mailto:lmeunier@rileybrothers.net)

Upon acceptance, please sign and return to our office. Thank You.  
FAX 781-341-6077 - EMAIL [lmeunier@rileybrothers.net](mailto:lmeunier@rileybrothers.net)

Accepted By : \_\_\_\_\_ (print) \_\_\_\_\_ (title)

Accepted By : \_\_\_\_\_ (sign) \_\_\_\_\_ (date)

Steve Goldstein – Sales Manager – (617) 908 2303 – [sgoldstein@rileybrothers.net](mailto:sgoldstein@rileybrothers.net)



**Briggs Engineering & Testing**  
*A DIVISION OF PK ASSOCIATES, INC.*

Boston Public Works Dept.  
 City of Boston  
 Boston City Hall  
 Contract Office, Rm. 714  
 Boston, MA 02201

Report Date: 5/9/19

Project: City of Boston  
 Briggs #: 20680

Tested: 5/7/19  
 Received: 5/2/19

1. Sample No.	Description	Source of Material
M-30491	Recycled Gravel	Riley Bros.

2. Sieve Analysis {ASTM C 136, and ASTM C 117}

Standard	Sieve Size	Alternate	Results {% Passing by Wt.}	Specifications
100 mm		4"	100	M1.03.1 Processed Gravel for Subbase
90 mm		3-1/2"	100	
75 mm		3"	100	100
63 mm		2-1/2"	100	
50 mm		2"	100	
37.5 mm		1-1/2"	97	70-100
25 mm		1"	86	
19 mm		3/4"	80	50-85
12.5 mm		1/2"	65	
9.5 mm		3/8"	57	
4.75 mm		#4	42	30-60
2.36 mm		#8	36	
1.18 mm		#16	31	
0.600 mm		#30	24	
0.300 mm		#50	13	
0.150 mm		#100	7	
0.075 mm		#200	4.9	0-10

3. Percent Recycled Material	Results	
Concrete, %	11.0	
Asphalt, %	4.1	5 max
Brick, %	N/A	
Soil and Natural Gravel, %	84.9	50 min

4. The sample tested does conform to gradation Specifications for "Processed Gravel for Subbase".

5. The sample tested does conform to the required specification for "Percent Recycled Material".

BRIGGS ENGINEERING & TESTING  
*A Division of PK Associates, Inc.*

*Sean Skofchod*  
 Sean Skofchod  
 Director of Testing Services  
 Construction Technology Division

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100 Pound Road  
 Cumberland, RI 02864  
 Phone (401) 658-2990 • Fax (401) 658-2977



Briggs Engineering & Testing  
A Division of PK Associates, Inc.

Project:	City of Boston
Date Tested:	5/7/19
Lab Ref. No.:	M-30491

### Sieve Analysis

