

PARKVIEW & EDWARD SEWER PROJECT

	Estimate Based on 6/11/18	Actual Cost	Actual Cost Exc water main	Actual Cost Exc water main/soil
Project cost	\$794,307.00	\$958,157.43	\$924,992.71	\$895,716.27
Cost per lot (32)	\$24,163.00	\$29,942.42	\$28,906.02	\$27,991.13
Quarterly Payment	\$373.50	\$436.00	\$420.91	\$407.59
Annual Interest Rate	2.50%	1.50%	1.50%	1.50%
Years	20	20	20	20
Total Principal per lot	\$24,163.00	\$29,942.42	\$28,906.02	\$27,991.13
Total Interest per lot	\$5,717.00	\$4,937.95	\$4,767.03	\$4,616.15
	\$29,880.00	\$34,880.37	\$33,673.05	\$32,607.28

PARKVIEW & EDWARD SEWER PROJECT COST

	Amount
Horsely Witten	\$ 86,149.04
RP Iannucillo	\$ 866,154.65
Miscellaneous	\$ 5,853.74
Total Cost	\$ 958,157.43

PARKVIEW & EDWARD SEWER PROJECT
MISCELLANEOUS EXPENSES

Date	Vendor	Description	Amount
7/18/2019	Allard Construction	Dig test hole	1,040.00
11/21/2017	Peter M. Scotti & Assoc	Appraisal	900.00
12/19/2017	Bevilacqua Asphal	10 tons asphalt	636.98
1/17/2018	Horsley	Permit reimbursement	2,000.00
4/24/2018	Valley Breeze	Bid Ad	230.00
5/22/2018	Providence Journal	Bid Ad	658.76
6/19/2018	Material Concrete	4 yds flowable fill for manhole	388.00
			<u>5,853.74</u>

15⁵ mtc 3/9/17

Parkview & Edward Sewer Project Update June 11, 2018

Review of prior meetings and activities

- 2 public meetings May 25, 2016 and March 9, 2017
- Town Council Approval of Project April 17, 2017
- Estimated Project Cost

Construction Costs (w/o Street Rehabilitation)	\$631,540
Final Design, Engineering, and Const. Obs.)	<u>\$ 80,000</u>
Total	\$711,540
- Estimated Assessment

Per Lot (33)	\$21,000
Quarterly payment per lot (20 yrs, 2.5%)	\$334.00
- Notice to Residents From Sewer Commission: May 16, 2017

Update

Revised construction cost estimate due to unanticipated conditions and/or added design elements

\$710,859

- Discovery of additional ledge resulting in design changes and increase in rock excavation
- Additional piping and manhole installation at Scouter's Hall due to conflict with drainage culvert
- Additional costs related to acquisition of sewer easement though private property to Pacheco Park
- Addition of hourly payment bid item for traffic flagger and traffic control

Engineering Costs

\$83,448

Total Estimated Engineering and Construction Cost

\$794,307

* 958,157

Bidding

- 2 qualified bids received on April 26, 2018:

Total Bid

- R.P Iannuccillo & Sons Construction Company
- Boyle and Fogarty Construction Company

\$689,778

\$770,939

- Low bidder "add alternate": \$57,552

32 lots

Recent developments associated with new plat extension

- Only 5 lots proposed instead of 6 lots accounting for one less lot for purposes of assessment fee calculation
- Currently pending before the Planning Board

27 existing
5 extension
(Phil Godfr)

Revised Estimated Assessment

- Per Lot (32) *
- Quarterly payment per lot (20 yrs, 2.5%) *

\$24,163 *

\$373.50 *

↓ includes interest

if development doesn't go thru, only 27 houses. KSS construction costs divided by 27 would be about \$20 more per lot

CHANGE ORDER

No. 4

DATE OF ISSUANCE: ___December 11, 2018___ EFFECTIVE DATE: January 7, 2019

OWNER Town of North Smithfield

CONTRACTOR R.P. Iannuccillo and Sons Construction Co

Contract: 180602

Project: Parkview Dr. and Edward Ave. Sewer Extension

OWNER's Contract No. _____

ENGINEER's Contract No. 17087

ENGINEER Horsley Witten Group, Inc.

You are directed to make the following changes in the Contract Documents:

Description:

1. Add crushed stone to 6" above sewer pipe. [\$4,790.00]
2. Haul in and place gravel borrow required to replace unsuitable material. [\$29,276.44] ●
3. Increase/decrease quantities for various unit price items of completed work. [77,288.83]

Reason for Change Order: The main purposes of this change order are to:

- 1.) Add crushed stone above and along the side of all sewer lines to provide better support for the pipe. This change affected 1,960 linear feet of sewer pipe.
- 2.) Supply common borrow or recycled processed gravel from off-site sources to address a shortfall in suitable backfill. A significant amount of excavated material could not be used as backfill because it contained large boulders and rock fragments which were deemed unsuitable according to specification. Most of this material was broken rock or large fragments of stone that were too large to safely use as backfill. Most of the replacement backfill was supplied from a nearby material processing plant that the Town uses for other projects and at a cost similar to that approved by the Town.
- 3.) Increase payment due to the Contractor for quantities used in excess of that estimated in the bid, and decrease the cost (credit) to the Town when less quantity is used. The following items and amounts were affected:

	Description	Unit Measure	Original Quantity	Final Quantity	Change in item cost* \$
a.	6 ft temporary fence	Linear feet	470	390	(1,950.00)
b.	Rock excavation	Cubic yard	115	574.4	103,371.75
c.	8" sewer pipe - installed	Linear feet	3200	3103	(9,021.00)
d.	6" sewer pipe - installed	Linear feet	550	506	(4,576.00)
e.	Furnish gravel road	Cubic yard	90	0	(4,050.00)
f.	Furnish erosion control sock	Linear feet	910	770	(840.00)
g.	Provide flagmen to direct traffic	Hours	240	128	(6,720.00)
h.	Site clearing	Square yard	333	444.4	780.08
i.	Remove and dispose small tree	Each	2	10	3,600.00
j.	Test sewer lines	Linear feet	3200	3126	(296.00)
k.	Test Manholes	Each	15	13	(1,760.00)
l.	R&D unsuitable material	Cubic yard	50	0	(1,250.00) ●
	TOTAL				77,288.83

* Items enclosed in parenthesis are credits to the Town R

Attachments: (List documents supporting change):

- E-mail from the contractor documenting when the directive was given and the added cost quote per linear
- Summary of daily deliveries of common borrow, recycled processed gravel, and process blend, including their weights and cost rates for the period 9/10/18 to 11/29/18
- Sheet 2 of Payment Requisition No.6 with actual quantities used and, along the right margin, cost (increase or decrease) for items deemed completed as enumerated above

Change In Contract Price:

*Please provide a breakdown of estimated cost change associated with each item: Items 1 through 3

1)	\$4,790.00
2)	\$29,276.44
3)	\$77,288.83
Total	\$111,355.27

CHANGE IN CONTRACT PRICE:*	
Original Contract Price:	\$632,226.00
Net Increase (Decrease) from previous Change Orders None No. 1 to 3:	\$40,925.77
Contract Price prior to this Change Order:	\$673,151.77
Net increase (decrease) of this Change Order:	\$111,355.27
Contract Price with all approved Change Orders:	\$784,507.04

CHANGE IN CONTRACT TIMES:	
Original Contract Times:	Substantial Completion: Dec 22, 2018
	Ready for final payment: January 21, 2019 (days or dates)
Net change from previous Change Orders No. 1 to No. 3:	Substantial Completion: No Change
	Ready for final payment: May 15, 2019
Contract Times prior to this Change Order:	Substantial Completion: No Change
	Ready for final payment: May 15, 2019
Net increase (decrease) this Change Order:	Substantial Completion: 0 days
	Ready for final payment: 114 days
Contract Times with all approved Change Orders:	Substantial Completion: Dec 22, 2018
	Ready for final payment: May 15, 2019

RECOMMENDED:

By: 

ENGINEER
(Authorized Signature)

Date: 12/13/18

APPROVED:

By: _____

OWNER
(Authorized Signature)

Date: _____

ACCEPTED:

By: 

CONTRACTOR
(Authorized Signature)

Date: 12/13/18

From: Gary T [gtroilo@rpiannuccillo.com]
Sent: Tuesday, December 11, 2018 4:22 PM
To: Russ Chateauneuf
Subject: Parkview - 6" Crushed Stone over Pipe

Hi Russ,

The linear footage of 8" sewer main where we installed 6" of crushed stone over the pipe was 1,916LF. We started this the Tuesday after Labor Day.

Therefore, the COR amount would be 1,916LF @ \$2.50/LF = \$4,790.00

Regards,

Gary W. Troilo

Project Manager



RP Iannuccillo & Sons Construction Company, Inc.

70 Calverly Street

Providence, RI 02908

Phone: 401-351-8877 ext 204

Fax: 401-351-5884

Cell: 401-639-1854

DATE:
 PROJECT:
 PERIOD TO:
 PROJECT NO.

12/11/2018
 PARKVIEW DRIVE SEWER EXTENSION
 11/29/2018
 180602

R.P. IANNUCCILLO & SONS CONSTRUCTION COMPANY

DATE	DESCRIPTION	QTY	UNIT	UNIT PRICE	AMOUNT
9/10/2018	PROCESS BLEND - NICO	28.93	TON	\$ 5.00	\$ 144.65
9/11/2018	PROCESS BLEND - NICO	33.46	TON	\$ 5.00	\$ 167.30
9/12/2018	PROCESS BLEND - NICO	31.50	TON	\$ 5.00	\$ 157.50
9/11/2018	COMMON BORROW - MATERIAL	26.00	CY	\$ 12.00	\$ 312.00
9/11/2018	COMMON BORROW - MATERIAL	26.00	CY	\$ 12.00	\$ 312.00
9/12/2018	COMMON BORROW - MATERIAL	26.00	CY	\$ 12.00	\$ 312.00
9/12/2018	COMMON BORROW - MATERIAL	26.00	CY	\$ 12.00	\$ 312.00
9/12/2018	COMMON BORROW - MATERIAL	26.00	CY	\$ 12.00	\$ 312.00
9/13/2018	COMMON BORROW - MATERIAL	26.00	CY	\$ 12.00	\$ 312.00
9/17/2018	RECYCLED PROCESS GRAVEL - MATERIAL	30.25	TON	\$ 12.00	\$ 363.00
9/17/2018	RECYCLED PROCESS GRAVEL - MATERIAL	32.15	TON	\$ 12.00	\$ 385.80
9/19/2018	RECYCLED PROCESS GRAVEL - MATERIAL	32.70	TON	\$ 12.00	\$ 392.40
9/19/2018	RECYCLED PROCESS GRAVEL - MATERIAL	31.00	TON	\$ 12.00	\$ 372.00
9/20/2018	RECYCLED PROCESS GRAVEL - MATERIAL	30.80	TON	\$ 12.00	\$ 369.60
9/20/2018	RECYCLED PROCESS GRAVEL - MATERIAL	30.80	TON	\$ 12.00	\$ 369.60
9/21/2018	RECYCLED PROCESS GRAVEL - MATERIAL	32.85	TON	\$ 12.00	\$ 394.20
9/21/2018	RECYCLED PROCESS GRAVEL - MATERIAL	30.80	TON	\$ 12.00	\$ 369.60
9/25/2018	RECYCLED PROCESS GRAVEL - MATERIAL	31.30	TON	\$ 12.00	\$ 375.60
9/26/2018	RECYCLED PROCESS GRAVEL - MATERIAL	30.75	TON	\$ 12.00	\$ 369.00
9/26/2018	RECYCLED PROCESS GRAVEL - MATERIAL	33.80	TON	\$ 12.00	\$ 405.60
9/26/2018	RECYCLED PROCESS GRAVEL - MATERIAL	29.54	TON	\$ 12.00	\$ 354.48
9/26/2018	RECYCLED PROCESS GRAVEL - MATERIAL	34.25	TON	\$ 12.00	\$ 411.00
9/27/2018	RECYCLED PROCESS GRAVEL - MATERIAL	33.80	TON	\$ 12.00	\$ 405.60
9/27/2018	RECYCLED PROCESS GRAVEL - MATERIAL	29.75	TON	\$ 12.00	\$ 357.00
10/1/2018	RECYCLED PROCESS GRAVEL - MATERIAL	29.75	TON	\$ 12.00	\$ 357.00
10/1/2018	RECYCLED PROCESS GRAVEL - MATERIAL	30.75	TON	\$ 12.00	\$ 369.00
10/1/2018	RECYCLED PROCESS GRAVEL - MATERIAL	30.50	TON	\$ 12.00	\$ 366.00
10/1/2018	RECYCLED PROCESS GRAVEL - MATERIAL	30.60	TON	\$ 12.00	\$ 367.20
10/1/2018	RECYCLED PROCESS GRAVEL - MATERIAL	30.25	TON	\$ 12.00	\$ 363.00
10/2/2018	RECYCLED PROCESS GRAVEL - MATERIAL	30.33	TON	\$ 12.00	\$ 363.96
10/2/2018	RECYCLED PROCESS GRAVEL - MATERIAL	32.85	TON	\$ 12.00	\$ 394.20
10/2/2018	RECYCLED PROCESS GRAVEL - MATERIAL	22.80	TON	\$ 12.00	\$ 273.60
10/2/2018	RECYCLED PROCESS GRAVEL - MATERIAL	31.14	TON	\$ 12.00	\$ 373.68
10/4/2018	RECYCLED PROCESS GRAVEL - MATERIAL	30.88	TON	\$ 12.00	\$ 370.56
10/11/2018	RECYCLED PROCESS GRAVEL - MATERIAL	32.40	TON	\$ 12.00	\$ 388.80
10/12/2018	RECYCLED PROCESS GRAVEL - MATERIAL	30.87	TON	\$ 12.00	\$ 370.44
10/18/2018	RECYCLED PROCESS GRAVEL - MATERIAL	31.22	TON	\$ 12.00	\$ 374.64
10/18/2018	RECYCLED PROCESS GRAVEL - MATERIAL	23.60	TON	\$ 9.00	\$ 212.40
10/22/2018	RECYCLED PROCESS GRAVEL - MATERIAL	24.20	TON	\$ 9.00	\$ 217.80
10/22/2018	RECYCLED PROCESS GRAVEL - MATERIAL	35.62	TON	\$ 12.00	\$ 427.44
10/23/2018	RECYCLED PROCESS GRAVEL - MATERIAL	33.65	TON	\$ 12.00	\$ 403.80
10/29/2018	RECYCLED PROCESS GRAVEL - MATERIAL	32.54	TON	\$ 12.00	\$ 390.48
10/29/2018	RECYCLED PROCESS GRAVEL - MATERIAL	32.22	TON	\$ 12.00	\$ 386.64
10/29/2018	RECYCLED PROCESS GRAVEL - MATERIAL	23.85	TON	\$ 12.00	\$ 286.20
10/29/2018	RECYCLED PROCESS GRAVEL - MATERIAL	23.92	TON	\$ 12.00	\$ 287.04

10/29/2018	RECYCLED PROCESS GRAVEL - MATERIAL	23.25	TON	\$	12.00	\$	279.00
10/29/2018	RECYCLED PROCESS GRAVEL - MATERIAL	23.67	TON	\$	12.00	\$	284.04
10/29/2018	RECYCLED PROCESS GRAVEL - MATERIAL	35.77	TON	\$	12.00	\$	429.24
10/31/2018	RECYCLED PROCESS GRAVEL - MATERIAL	23.00	TON	\$	12.00	\$	276.00
10/31/2018	RECYCLED PROCESS GRAVEL - MATERIAL	22.35	TON	\$	12.00	\$	268.20
10/31/2018	RECYCLED PROCESS GRAVEL - MATERIAL	22.50	TON	\$	12.00	\$	270.00
10/31/2018	RECYCLED PROCESS GRAVEL - MATERIAL	22.80	TON	\$	12.00	\$	273.60
10/31/2018	RECYCLED PROCESS GRAVEL - MATERIAL	23.05	TON	\$	12.00	\$	276.60
10/31/2018	RECYCLED PROCESS GRAVEL - MATERIAL	22.10	TON	\$	12.00	\$	265.20
11/1/2018	RECYCLED PROCESS GRAVEL - MATERIAL	35.30	TON	\$	12.00	\$	423.60
11/1/2018	RECYCLED PROCESS GRAVEL - MATERIAL	34.73	TON	\$	12.00	\$	416.76
11/5/2018	RECYCLED PROCESS GRAVEL - MATERIAL	22.97	TON	\$	12.00	\$	275.64
11/5/2018	RECYCLED PROCESS GRAVEL - MATERIAL	22.81	TON	\$	12.00	\$	273.72
11/6/2018	RECYCLED PROCESS GRAVEL - MATERIAL	23.24	TON	\$	12.00	\$	278.88
11/6/2018	RECYCLED PROCESS GRAVEL - MATERIAL	22.57	TON	\$	12.00	\$	270.84
11/6/2018	RECYCLED PROCESS GRAVEL - MATERIAL	23.23	TON	\$	12.00	\$	278.76
11/6/2018	RECYCLED PROCESS GRAVEL - MATERIAL	24.07	TON	\$	12.00	\$	288.84
11/7/2018	RECYCLED PROCESS GRAVEL - MATERIAL	21.28	TON	\$	12.00	\$	255.36
11/7/2018	RECYCLED PROCESS GRAVEL - MATERIAL	21.68	TON	\$	12.00	\$	260.16
11/7/2018	RECYCLED PROCESS GRAVEL - MATERIAL	32.78	TON	\$	12.00	\$	393.36
11/7/2018	RECYCLED PROCESS GRAVEL - MATERIAL	33.83	TON	\$	12.00	\$	405.96
11/8/2018	RECYCLED PROCESS GRAVEL - MATERIAL	24.10	TON	\$	12.00	\$	289.20
11/8/2018	RECYCLED PROCESS GRAVEL - MATERIAL	22.95	TON	\$	12.00	\$	275.40
11/8/2018	RECYCLED PROCESS GRAVEL - MATERIAL	23.62	TON	\$	12.00	\$	283.44
11/8/2018	RECYCLED PROCESS GRAVEL - MATERIAL	23.35	TON	\$	12.00	\$	280.20
11/9/2018	RECYCLED PROCESS GRAVEL - MATERIAL	23.51	TON	\$	12.00	\$	282.12
11/9/2018	RECYCLED PROCESS GRAVEL - MATERIAL	22.72	TON	\$	12.00	\$	272.64
11/14/2018	RECYCLED PROCESS GRAVEL - MATERIAL	23.87	TON	\$	12.00	\$	286.44
11/14/2018	RECYCLED PROCESS GRAVEL - MATERIAL	23.49	TON	\$	12.00	\$	281.88
11/15/2018	RECYCLED PROCESS GRAVEL - MATERIAL	23.60	TON	\$	12.00	\$	283.20
11/21/2018	RECYCLED PROCESS GRAVEL - MATERIAL	23.25	TON	\$	12.00	\$	279.00
11/27/2018	RECYCLED PROCESS GRAVEL - MATERIAL	23.28	TON	\$	12.00	\$	279.36
11/27/2018	RECYCLED PROCESS GRAVEL - MATERIAL	23.53	TON	\$	12.00	\$	282.36
11/28/2018	RECYCLED PROCESS GRAVEL - MATERIAL	24.56	TON	\$	12.00	\$	294.72
11/29/2018	RECYCLED PROCESS GRAVEL - MATERIAL	23.02	TON	\$	12.00	\$	276.24

Sub-Total	\$	25,457.77
15% O&P	\$	3,818.67
TOTAL	\$	29,276.44

CONTINUATION SHEET

AIA DOCUMENT G703

(Instructions on reverse side)

PAGE 2 OF 3 PAGES

AIA Document G703, APPLICATION AND CERTIFICATE FOR PAYMENT, containing

Contractor's signed Certificate is attached.

In tabulations below, amounts are stated to the nearest dollar.

Use Column 1 on Contracts where variable retainage for line items may apply.

APPLICATION NUMBER: 5

APPLICATION DATE: 12/11/2018

PERIOD TO: 12/7/2018

PROJECT NO: 180602

ITEM NO.	DESCRIPTION OF WORK	QTY	UM	C UNIT PRICE	D CONTRACT AMOUNT	E QUANTITY THIS PERIOD	F WORK COMPLETED		H TOTAL COMPLETED TO DATE (F+G)	I RETAINAGE (%)
							THIS PERIOD (C+E)	FROM PREVIOUS APPLICATION		
1	MOBILIZATION/DEMobilIZATION									
1a	Equipment Mobilization	1	LS	\$ 35,000.00	15,000.00	1.00	0.00	15,000.00	15,000.00	750.00
1b	Equipment Demobilization	1	LS	\$ 5,000.00	5,000.00	1.00	5,000.00	0.00	5,000.00	250.00
1c	Construction Facilities	4	MO	\$ 3,750.00	15,000.00		0.00	15,000.00	15,000.00	750.00
2	6 FT. Temporary Fence	470	LF	\$ 5.00	2,350.00		0.00	400.00	400.00	20.00
3	Rock Excavation and Disposal	115	CY	\$ 225.00	25,875.00	26.80	6,030.00	123,216.75	129,246.75	6,462.34
4	Furnish and Install 8" SDR 35 Pipe, including excavation, backfill, and stone bedding	3200	LF	\$ 93.00	297,600.00	98.00	9,114.00	279,465.00	288,579.00	14,428.95
5	Furnish and Install 6" SDR 35 building sewer including excavation, backfill, and stone bedding	550	LF	\$ 104.00	57,200.00	161.00	16,744.00	35,880.00	52,624.00	2,631.20
6	Furnish and Install anti-seep collars	4	EA	\$ 300.00	1,200.00		0.00	1,200.00	1,200.00	60.00
7	Furnish and Install manholes	14	EA	\$ 6,000.00						
7a	Furnish Precast Manholes Only	14	EA	\$ 1,400.00	19,600.00		0.00	19,600.00	19,600.00	980.00
7b	Install Precast Manholes	14	EA	\$ 4,600.00	64,400.00	1.00	4,600.00	59,800.00	64,400.00	3,220.00
8	Furnish and Install one dog-house manhole	1	EA	\$ 6,000.00	6,000.00		0.00	6,000.00	6,000.00	300.00
9	Sawcut existing asphalt pavement	5200	LF	\$ 1.50	7,800.00		0.00	5,011.50	5,011.50	250.58
10	Furnish and install pavement patch and driveway	24000	SF	\$ 2.00	48,000.00		0.00	899.00	899.00	44.95
11	Furnish and install gravel on existing driveway at Pacheco Park	90	CY	\$ 45.00	4,050.00		0.00	0.00	0.00	0.00
12	Furnish and Install loam and seed	870	SF	\$ 3.00	2,610.00		0.00	2,610.00	2,610.00	130.50
13	Remove, furnish, and install wooden fence	100	LF	\$ 35.00	3,500.00		0.00	0.00	0.00	0.00
14	Furnish and install erosion control silt sock	910	LF	\$ 6.00	5,460.00		0.00	4,620.00	4,620.00	231.00
15	Provide flag men to direct traffic	240	HRS	\$ 60.00	14,400.00		0.00	7,680.00	7,680.00	384.00
16	Provide manpower and equipment for site clearing	333	SY	\$ 7.00	2,331.00		0.00	3,111.08	3,111.08	155.55
17	Remove and dispose of tree and stump (4" to 24") for easement area	2	EA	\$ 450.00	900.00		0.00	0.00	0.00	0.00
18	Remove and dispose of tree and stump (24" or greater) for easement area	4	EA	\$ 800.00	3,200.00		0.00	0.00	0.00	0.00
19	MISC INCLUDING SEWER AND HH TESTING	1	LS	\$ 26,000.00	26,000.00		0.00	0.00	0.00	0.00
19a	Sewer Line Testing	3200	LF	\$ 4.00	12,800.00	2,126.00	8,504.00	4,000.00	12,504.00	625.20
19b	MH Testing	15	EA	\$ 880.00	13,200.00	5.00	4,400.00	7,040.00	11,440.00	572.00
20	Install one service connection, abandon one septic system, and loam and seed	1	LS	\$ 3,500.00	3,500.00	0.20	700.00	2,800.00	3,500.00	175.00
21	R&D Unsuitable Materials	50	CY	\$ 25.00	1,250.00		0.00	0.00	0.00	0.00
10A	F&I Pavement Patch at 2"	3520.9	SF	\$ 1.61	5,668.65	6,914.00	11,131.54	29,181.09	40,312.63	2,015.63
	TOTAL				637,894.65		68,223.54	630,214.42	696,437.96	34,821.90

CHANGE ORDER

No. 03

DATE OF ISSUANCE: ___ November 26, 2018 ___ EFFECTIVE DATE: December 3, 2018

OWNER Town of North Smithfield

CONTRACTOR R.P. Iannucillo and Sons Construction Co

Contract: 180602

Project: Parkview Dr. and Edward Ave. Sewer Extension

OWNER's Contract No. _____

ENGINEER's Contract No. 17087

ENGINEER Horsley Witten Group, Inc.

You are directed to make the following changes in the Contract Documents:

Description:

1. Relocate existing water line on Parkview Dr. in conflict with gravity sewer line. [\$33,164.72]
2. Screen excavated material to make-up for insufficient backfill. [\$5,613.91]
3. Revise unit price in Change Order No. 2 to reduce cost of wrapping pipe in wet areas. [\$3,530.00 credit; \$6.50 per linear foot (lf) instead of \$11.50 per lf over 706 feet.]

Reason for Change Order:

The main purposes of this change order are to:

1) Enable payment to the Contractor (RPI) for relocating a portion of a water main that conflicted with the proposed sewer line. The sewer system being installed is a gravity system where the location and depth of the sewer cannot vary much once installation is started. For the most part, water main crossings are minimized where possible as part of the design. Where not possible, conflicts may develop where the water line and the sewer are at the same depth. No plans were available that showed the exact depth of the water line at this crossing which is located just before the proposed sewer enters the off-street easement to Pacheco Park. The engineers assumed a conservative depth to the water line of 5 feet. The actual depth was 2 feet lower, necessitating relocation of the water line above the sewer. This involved 3 days of crew and equipment time, additional materials, temporary shutdown of the water supply to 40 plus homes, and the services of a contractor specializing in asbestos pipe removal and disposal. A water main valve was installed at the same time to limit the number of homes affected by a water main shutdown should it become necessary in the future. The payment is based on the time and materials used by the contractor to effect the relocation.

2) A significant amount of excavated material could not be used as backfill because it was deemed unsuitable. Most of this material was broken rock or large fragments of stone that were too large to safely use as backfill. The Contractor was requested to attempt to screen-out the rock and recover material that met the contract specifications for backfill. This was tried but little usable backfill could be produced and the process was discontinued after a short period. Common borrow or recycled processed gravel was supplied from off-site sources to address the shortfall in suitable backfill.

3. A change order was approved to wrap the entire stone bedding in a filter fabric in areas where sewer pipe was installed at depths that were into groundwater. The length of pipe in groundwater was 706 lf. The cost of this work was reviewed with the RPI and it was determined that the work was accomplished with less effort than previously estimated. Accordingly, a credit \$3,530 is due to the Town.

Attachments: (List documents supporting change):

- Invoice from RPI for Time and Materials incurred in the relocation of the water main.
- Invoice from RPI for Time and Materials incurred in screening excavated material 9/7/18 to 9/26/18.
- E-mail from RPI dated 10/30/18 listing the price change agreed upon for filter fabric wrap.

PARKVIEW DRIVE SEWER EXTENSION
TOWN OF NORTH SMITHFIELD, RI
November, 2018

Change in Contract Price:

*Please provide a breakdown of estimated cost change associated with each item: Items 1 through 3

1)	\$33,164.72
2)	\$5,613.91
3)	(\$3,530.00)
Total	\$35,248.63

CHANGE IN CONTRACT PRICE:*
Original Contract Price: \$632,226.00
Net Increase (Decrease) from previous Change Orders None No. <u>1</u> to <u>2</u> : \$5,677.14
Contract Price prior to this Change Order: \$637,903.14
Net Increase (decrease) of this Change Order: \$35,248.63
Contract Price with all approved Change Orders: \$673,151.77

CHANGE IN CONTRACT TIMES:
Original Contract Times: Substantial Completion: <u>Dec 22, 2018</u> Ready for final payment: <u>January 21, 2019</u> (days or dates)
Net change from previous Change Orders No. 1 to No. 2: Substantial Completion: <u>No Change</u> Ready for final payment: <u>May 15, 2019</u>
Contract Times prior to this Change Order: Substantial Completion: <u>No Change</u> Ready for final payment: <u>May 15, 2019</u>
Net Increase (decrease) this Change Order: Substantial Completion: <u>0 days</u> Ready for final payment: <u>114 days</u>
Contract Times with all approved Change Orders: Substantial Completion: <u>Dec 22, 2018</u> Ready for final payment: <u>May 15, 2019</u>

RECOMMENDED:

By: *J. P. ...*

ENGINEER
(Authorized Signature)

Date: 11/28/18

APPROVED:

By: _____

OWNER
(Authorized Signature)

Date: _____

ACCEPTED:

By: *Gary W. ...*

CONTRACTOR
(Authorized Signature)

Date: 11/27/18

R.P. Iannuccillo & Sons
Construction Company

70 Calverly Street

Providence, RI 02908

Bus. (401) 351-8877 Fax (401) 351-5884

Invoice To: Town of North Smithfield

Project: Parkview Sewer
Location: North Smithfield, RI
Job No.: 180602
Dates: 8/20/18 - 8/22/18
COR Work Description Relocate existing water line on Parkview Drive in conflict with proposed sewer line.

Labor Cost	\$ 14,804.59	
15% Overhead & Profit on Equipment	\$ 2,220.69	
Total Cost for Labor		\$ 17,025.27
Material	\$ 3,909.09	
15% Overhead & Profit on Material	\$ 586.36	
Total Cost for Material		\$ 4,495.45
Equipment	\$ 8,755.70	
15% Overhead & Profit on Equipment	\$ 1,313.36	
Total Cost for Equipment		\$ 10,069.00
Sub-Contractor	\$ 1,500.00	
5% Overhead and Profit	\$ 75.00	
Total Sub-Contractor		\$ 1,575.00
TOTAL AMOUNT		\$ 33,164.72

R.P. Iannuccillo & Sons
Construction Company

70 Calverly Street
Providence, RI 02908
Bus. (401) 351-8877 Fax (401) 351-5884

Invoice To: Town of North Smithfield

Project: Parkview Sewer
Location: North Smithfield, RI
Job No.: 180602
Dates: 9/7/18 to 9/26/18
COR Work Description Screen excavated material to make suitable

Labor Cost	\$ 1,759.60	
15% Overhead & Profit on Equipment	\$ 263.94	
Total Cost for Labor		\$ 2,023.54
Material	\$ -	
15% Overhead & Profit on Material	\$ -	
Total Cost for Material		\$ -
Equipment	\$ 3,122.06	
15% Overhead & Profit on Equipment	\$ 468.31	
Total Cost for Equipment		\$ 3,590.37
Sub-Contractor	\$ -	
10% Overhead and Profit	\$ -	
Total Sub-Contractor		\$ -
TOTAL AMOUNT		\$ 5,613.91

From: Gary T [gtroilo@rpiannuccillo.com]
Sent: Tuesday, October 30, 2018 8:21 AM
To: Russ Chateauneuf
Subject: Parkview Sewer - Filter Fabric Wrap

Hi Russ,

I reviewed the submitted change order unit price of \$11.50/LF to wrap the crushed stone in filter fabric in the wet areas. Now that the work is completed, the actual time it took to complete this task was about half of what I originally anticipated. Therefore, I can revise the unit price to \$6.50/LF.

Regards,

Gary W. Troilo

Project Manager



RP Iannuccillo & Sons Construction Company, Inc.

70 Calverly Street

Providence, RI 02908

Phone: 401-351-8877 ext 204

Fax: 401-351-5884

Cell: 401-639-1854

Meeting Date: June 11, 2018

7:03 P.M.

Mr. Dorry- The special meeting of the Town of North Smithfield Sewer Commission (SC) was called to order on Monday, June 11, 2018 at 7:03 P.M. at Primrose Fire Station.

1) ROLL CALL

Mr. Dorry

Mr. DeVivo

Mr. Brown

Mr. Houde

Maura Beck Sewer Coordinator and TA Gary Ezovski were also present.
Mr. Devereaux and Mr. Carpenter were not present.

2) PARKVIEW/EDWARDS AVE SEWER PROJECT

Mr. Chateneauf provided a breakdown of the new costs and an update of what Horsley and Witten has been doing the past year in regards to this sewer project. They have been working on the design and bids for the project. Back in 2017 they gave an estimate cost for the project. The half of last year was spent in doing the final design for the project. There were a number of changes that occurred during the final design. In the handout Mr. Chateneauf provided it indicates the new assessments prices and interest rates. This sheet will also be available at the Town Hall Annex for viewing. The assessment back in 2017 was \$21,000 and the quarterly payment was \$334.00. Following that Maura issued a letter informing the residents that the TC had approved the project and we were moving forward to design.

Mr. Chateneauf highlighted some of the major changes that were made during the final design stage. Ledge was discovered at the corner where Edwards Ave. turns going from North to West has ledge which needs to be removed. Rock excavation was anticipated; it's being estimated twice the amount of rock removal. They also learned that they were trying to tie into a man hole at Scouter's Hall, and the man hole is not deep enough to tie in. This will require to go under the drain and run a pipe line along that sewer line then join the sewer line further down which is additional cost. There was also additional cost to attain the easement through private property at Parkview. There were also some concerns with Flaggers and traffic control through the course of the project. The total estimated price for the whole project is now \$794,000.00 vs. the estimate of \$711,000.00. The town still plans to do the street improvement project. The facilities plan calls for sewers in that plat.

The town went out to bid early in the year. Six different companies attended the mandatory pre bid meeting. Only two submitted bids, and one company showed up 5 minutes late and by the terms of the contract the bid could not be accepted. The two bidders are RP Iannuccillo & Sons Construction Company at \$689,778 and Boyle and Fogarty Construction Company at \$770,939.00. RP Iannuccillo bid \$689,778 for the entire project including the extension at the end of Edwards Ave. The hope is for that plat to get approved soon so the sewers can go in and it can get assessed. The proposed lots for the extension at Edwards are five lots instead of six

lots. This is under the planning board for review. The revised estimate is \$24,163 per lot which is \$373.50 quarterly. The next step is for the SC to make a recommendation to the TC and for the TC to act on that recommendation.

Mr. Russ Taylor from 21 Parkview Drive asked if the final total provided includes the final paving and if it's only covering sewer work.

Mr. Chateneauf explained that the final paving is coming out of other funds. This just includes a patch until they are ready to do reclamation. Mr. Chateneauf explained it is only for sewers and no gas will be added. The existing water line will be repaired with no plans to extend it at this point.

Mr. Jim Fontaine asked how they missed a lot of ledge.

Mr. Chateneauf explained they were aware of the ledge just not the amount of ledge, and also the fact that they couldn't raise the sewer to try to get above the ledge, because they had to extend the line to the end of Edward and beyond.

Al Bowers from 11 Edwards asked when the project would be done and if people could tie in by winter time of this year?

Mr. Chateneauf explained the deadline for completion is about November 1st. There is a plan to redo the road but that will probably be done in the spring.

Barbara Bowers from 11 Edwards Ave asked if the gentleman with the 5 lots doesn't get approval from the planning board how is that going to affect the quote that was put in?

Mr. Chateneauf explained this is based with 32 lots and if the plat doesn't go forward it can be taken off the table and takes the lots out and do a new assessment. It would be about \$20.00 more than the price there.

Mike Kelly from 20 Parkview Drive asked in regards to the water the developer of the plat extension is going to bring the water to those five new homes.

Mr. Chateneauf explained that the developer is responsible for the cost of bringing the water line to those 5 homes so it is not part of the cost.

Russ Taylor from 21 Parkview Drive asked who made the decision not to extend the water line to the remainder of the homes on Parkview Drive.

Mr. Chateneauf explained that he is not in the position to answer that and referred the matter to Mr. Russ Carpenter Water and Sewer Superintendent.

Jake Atteridge from 8 Edward Ave asked what the SC is considering in recommending to the TC.

Mr. Chateneauf explained that they are considering the neighbors opinions and that some changes did happen since the last time they met with the residents and wanted to make them aware of the changes and learn more about the project.

Jim Fontaine asked what the annual sewer charge is.

Maura stated is \$491.36 is the current rate per one family home.

Barbara Bowers asked the contractor that is putting in the sewers can they also be used to connect to the sewers from the homes?

Mr. Chateneauf explained that the connecting lateral can connect at another point and the contractor the homeowner chooses will recommend where the best place is to connect and provide an estimate. The contractor will also have the opportunity to discuss with the RP Iannuccillo to see where the ledge is and a better way to connect.

Al Bowers asked what kind of contractor he should be looking for to do the connection.

Mr. Houde replied it has to be someone with a drain layer license. Maura is able to provide a list of contractors that do work in the town.

Marilyn Rivard 3 Parkview Drive asked if the resident picks a different connection point this forces the resident to get a contractor right from the beginning to tell the resident to connect either at the point identified or a different location.

Mr. Chateneauf explained that based on the ledge test very few lots are affected. He believes its only 3 lots. He recommends that those lots get a contractor to see where the points are to connect and to see if the town can adjust their facilities. The ledge is indicated on the drawings.

Al Bowers asked if there is an average cost for the connection.

Mr. Chateneauf explained its anywhere between \$3,000.00 to \$4,000.00

Charles Lefebvre 9 Edward asked if they anticipate any blasting.

Mr. Chateneauf replied it would be mechanical excavation.

Maura asked when are the residents able to have an input on where their laterals could be.

Mr. Chateneauf stated once the project is awarded.

MOTION by Mr. DeVivo, seconded by Mr. Brown and voted unanimously on a 4-0 aye vote to recommend to the TC to award the contract to RP Iannuccillo and Sons Construction.

3) OPEN FORUM- Pursuant RIGL Sec. 42-46-6

No Discussions

ADJOURN

MOTION by Mr. Dorry, seconded by Mr. DeVivo, and voted unanimously on a 4-0 aye vote to adjourn the meeting at 7:41 P.M.

The Meeting was adjourned at 7:41 P.M.

Prepared by:

Natalia Casper

Sewer Commission Secretary

APPLICATION AND CERTIFICATE FOR PAYMENT

TO (OWNER): Town of North Smithfield

PROJECT: Parkview Sewer

AIA DOCUMENT G702

APPLICATION NO: 8

PAGES

Distribution to:

OWNER
 ENGINEER
 CONTRACTOR

PERIOD TO: 10/10/2019

FROM (CONTRACTOR): R.P. Iannuccillo & Sons Const. Co.
 70 Calverly Street
 Providence, RI 02908
 Site Work

VIA (ENGINEER):
 Horsley Witten Group

PROJECT NO: 180602

CONTRACT FOR:

CONTRACT DATE:

CONTRACTOR'S APPLICATION FOR PAYMENT

Application is made for Payment, as shown below, in connection with the Contract.
 Continuation Sheet, AIA Document G703, is attached.

- 1. ORIGINAL CONTRACT SUM. \$ 632,226.00
- 2. Net change by change orders \$ 233,928.65
- 3. CONTRACT SUM TO DATE (Line 1 +/- 2) \$ 866,154.65
- 4. TOTAL COMPLETED & STORED TO DATE \$ 866,154.65
 (COLUMN G ON G703)

- 5. RETAINAGE:
 - a. 0 % of Completed Work \$ 0.00
 (Column D + E on G703)
 - b. % of Stored Material \$ 0.00
 (Column F on G703)


Total Retainage (Line 5a + 5b or
 Total in Column I of G703) \$ 0.00

6. TOTAL EARNED LESS RETAINAGE \$ 866,154.65
 (Line 4 less Line 5 total)

- 7. LESS PREVIOUS CERTIFICATES FOR PAYMENTS (Line 6 from prior Certificate) \$ 829,108.16
- 8. CURRENT PAYMENT DUE \$ 37,046.49
- 9. BALANCE TO FINISH, PLUS RETAINAGE \$ 0.00
 (Line 3 less Line 6)

CHANGE ORDER SUMMARY	ADDITIONS	DEDUCTIONS
Change Orders approved this month	\$ 24,095.61	
previous months by Owner	211,302.22	\$ (1,469.18)
Approved this Month		
TOTALS	\$ 235,397.83	\$ (1,469.18)
Net change by Change Orders		

The undersigned Contractor certifies that to the best of the Contractor's knowledge, information and belief the Work covered by this Application for Payment has been completed in accordance with the Contract Documents, that all amounts have been paid by the Contractor for Work for which previous Certificates for Payment were issued and payments received from the owner, and that current payment shown herein is now due.

CONTRACTOR:  DATE: 10/09/19

State of: Rhode Island County of: Providence
 Subscribed and sworn to before me this 9 day of October 2019
 Notary Public: Gary W. Troilo
 My Commission expires: 11/17/2020

CERTIFICATE FOR PAYMENT \$ 37,046.49

In accordance with the Contract Documents, based on on-site observations and the data comprising the above application, the Architect certifies to the Owner that to the best of the Architect's knowledge, information and belief the Work has progressed as indicated, the quality of the Work is in accordance with the Contract Documents, and the Contractor is entitled to payment of the AMOUNT CERTIFIED.

AMOUNT CERTIFIED \$
 (Attach explanation if amount certified differs from the amount applied for.)

CONSTRUCTION MANAGER:
 BY:  DATE: 10/9/19
 ENGINEER:

BY: _____ DATE: _____
 OWNER: _____

This Certificate is not negotiable. The AMOUNT CERTIFIED is payable only to the Contractor named herein. Issuance, payment and acceptance of payment are without prejudice to any rights of the Owner or Contractor under this Contract.

CONTINUATION SHEET

AIA DOCUMENT G703

(Instructions on reverse side)

PAGE 2 OF 3 PAGES

AIA Document G703, APPLICATION AND CERTIFICATE FOR PAYMENT, containing

Contractor's signed Certificate is attached.

In tabulations below, amounts are stated to the nearest dollar.

Use Column 1 on Contracts where variable retainage for line items may apply.

APPLICATION NUMBER: 8

APPLICATION DATE: 10/9/2019

PERIOD TO: 10/10/2019

PROJECT NO.: 180602

A ITEM NO.	B DESCRIPTION OF WORK	CITY	UM	C UNIT PRICE	D CONTRACT AMOUNT	E QUANTITY THIS PERIOD	F WORK COMPLETED THIS PERIOD (CDE)		G FROM PREVIOUS APPLICATION	H TOTAL COMPLETED TO DATE (F+G)	I RETAINAGE (0%)
							THIS PERIOD (CDE)	FROM PREVIOUS APPLICATION			
1	MOBILIZATION/DEMOBILIZATION										
1a	Equipment Mobilization	1	LS	\$ 35,000.00							
1b	Equipment Demobilization	1	LS	\$ 15,000.00	15,000.00		0.00	15,000.00	15,000.00	0.00	0.00
1c	Construction Facilities	4	MO	\$ 3,750.00	5,000.00		0.00	5,000.00	5,000.00	0.00	0.00
2	6 FT Temporary Fence	470	LF	\$ 5.00	2,350.00		0.00	2,350.00	2,350.00	0.00	0.00
3	Rock Excavation and Disposal	115	CY	\$ 225.00	25,875.00		0.00	25,875.00	25,875.00	0.00	0.00
4	Furnish and install 8" SDR 35 Pipe including excavation, backfill, and stone bedding	3200	LF	\$ 93.00	297,600.00		0.00	297,600.00	297,600.00	0.00	0.00
5	Furnish and install 6" SDR 35 building sewer including excavation, backfill, and stone bedding	550	LF	\$ 104.00	57,200.00		0.00	57,200.00	57,200.00	0.00	0.00
6	Furnish and install anti-seep collars	4	EA	\$ 300.00	1,200.00		0.00	1,200.00	1,200.00	0.00	0.00
7	Furnish and install manholes	14	EA	\$ 6,000.00							
7a	Furnish Precast Manholes Only	14	EA	\$ 1,400.00	19,600.00		0.00	19,600.00	19,600.00	0.00	0.00
7b	Install Precast Manholes	14	EA	\$ 4,600.00	64,400.00		0.00	64,400.00	64,400.00	0.00	0.00
8	Furnish and install one dog-house manhole	1	EA	\$ 6,000.00	6,000.00		0.00	6,000.00	6,000.00	0.00	0.00
9	Sawcut existing asphalt pavement	5200	LF	\$ 1.50	7,800.00	1,859.00	2,788.50	5,011.50	7,800.00	0.00	0.00
10	Furnish and install pavement patch and driveway	24000	SF	\$ 2.00	48,000.00		0.00	899.00	899.00	0.00	0.00
11	Furnish and install gravel on existing driveway at Pacheco Park	90	CY	\$ 45.00	4,050.00		0.00	4,050.00	4,050.00	0.00	0.00
12	Furnish and install loam and seed	870	SF	\$ 3.00	2,610.00		0.00	2,610.00	2,610.00	0.00	0.00
13	Remove, furnish, and install wooden fence	100	LF	\$ 35.00	3,500.00		0.00	3,500.00	3,500.00	0.00	0.00
14	Furnish and install erosion control silt sock	910	LF	\$ 6.00	5,460.00		0.00	5,460.00	5,460.00	0.00	0.00
15	Provide flag men to direct traffic	240	HRS	\$ 60.00	14,400.00		0.00	14,400.00	14,400.00	0.00	0.00
16	Provide manpower and equipment for site clearing	333	SY	\$ 7.00	2,331.00		0.00	2,331.00	2,331.00	0.00	0.00
17	Remove and dispose of tree and stump (4" to 24") for easement area	2	EA	\$ 450.00	900.00		0.00	900.00	900.00	0.00	0.00
18	Remove and dispose of tree and stump (24" or greater) for easement area	4	EA	\$ 800.00	3,200.00		0.00	3,200.00	3,200.00	0.00	0.00
19	MISC INCLUDING SEWER AND HH TESTING										
19a	Sewer Line Testing	1	LS	\$ 26,000.00	26,000.00		0.00	12,800.00	12,800.00	0.00	0.00
19b	MH Testing	3200	LF	\$ 4.00	13,200.00		0.00	13,200.00	13,200.00	0.00	0.00
20	Install one service connection, abandon one septic system, and loam and seed	15	EA	\$ 880.00	3,500.00		0.00	3,500.00	3,500.00	0.00	0.00
21	R&D Unsuitable Materials	1	LS	\$ 3,500.00	1,250.00		0.00	1,250.00	1,250.00	0.00	0.00
10A	F&I Pavement Patch at 2"	50	CY	\$ 25.00	1,250.00		0.00	1,250.00	1,250.00	0.00	0.00
		3520.9	SF	\$ 1.61	6,788.37	4,216.38	6,788.37	40,312.63	47,101.00	0.00	0.00
	TOTAL				632,226.00		9,576.87	622,649.13	632,226.00	0.00	0.00

AIA DOCUMENT G703, APPLICATION AND CERTIFICATE FOR PAYMENT, MAY 1995 EDITION/MA-1993
THE AMERICAN INSTITUTE OF ARCHITECTS, 1735 NEW YORK AVENUE, N.W., WASHINGTON, D.C. 20005

CONTINUATION SHEET

AIA DOCUMENT G703

(Instructions on reverse side)

PAGE 3 OF 3 PAGES

AIA Document G702, APPLICATION AND CERTIFICATE FOR PAYMENT, containing

Contractor's signed Certificate is attached.

In tabulations below, amounts are stated to the nearest dollar.

Use Column 1 on Contracts where variable retainage for line items may apply.

APPLICATION NUMBER: 8

APPLICATION DATE: 10/9/2019

PERIOD TO: 10/10/2019

PROJECT NO.: 180602

A ITEM NO.	B DESCRIPTION OF WORK	C UNIT PRICE	D UNIT MEASURE	E QUANTITY THIS PERIOD	F WORK COMPLETED THIS PERIOD (C/E)	G FROM PREVIOUS APPLICATION	H TOTAL COMPLETED TO DATE (F+G)	I RETAINAGE (0%)
CHANGE ORDERS								
1	Change Order No. 1	\$ (1,469.18)	-1,469.18		0.00	-1,469.18	-1,469.18	0.00
2	Change Order No. 2	\$ 7,146.32	7,146.32		0.00	7,146.32	7,146.32	0.00
3	Change Order No. 3	\$ 35,248.63	35,248.63		0.00	35,248.63	35,248.63	0.00
4	Change Order No. 4	\$ 111,355.27	111,355.27		0.00	111,355.27	111,355.27	0.00
	6AA1 Rock Excavation and Disposal	\$ 200.00	2,000.00	-98.08	-19,616.00	21,616.00	2,000.00	0.00
	6AA2 Furnish and Install 8" SDR 35	\$ 80.00	26,400.00	6.00	480.00	25,920.00	26,400.00	0.00
	6AA3 Furnish and Install 6" SDR 35	\$ 57.00	10,260.00	-44.00	-2,508.00	12,768.00	10,260.00	0.00
	6AA4 Furnish and Install Manhole	\$ 6,500.00	13,000.00	1.00	6,500.00	6,500.00	13,000.00	0.00
	6AA5 Sewer and Manhole Tests	\$ 2,000.00	2,000.00	1.00	2,000.00	0.00	2,000.00	0.00
	6AA6 Site Clearing	\$ 7.00	3,892.00	556.00	3,892.00	0.00	3,892.00	0.00
8	Change Order No. 8	\$ 24,095.61	24,095.61	1.00	24,095.61	0.00	24,095.61	0.00
			\$ 866,154.65		\$ 24,420.48	\$ 841,734.17	\$ 866,154.65	\$ -

14541

Horsley Witten Group

Sustainable Environmental Solutions

90 Route 6A • Unit 1 • Sandwich, MA 02563
508-833-6600 • horsleywitten.com



Town of North Smithfield, RI
Water and Sewer Department
575 Smithfield Road
North Smithfield, RI 02896
Attn: Ms. Maura Beck

INVOICE

12/11/2019

Invoice No. 46744

Project No: 17087

Re: Phase 2 - Design for Parkview Drive
Project Manager: Chateaufeuf, Russell
For Services Rendered Through 12/1/2019

Professional Services

Description by Task	Title	Rate	Hours	Amount
12-Task 12: As-Built Drawings				
Chateaufeuf, Russell	Sr. Project Manager	140.00	7.25	\$1,015.00
Nisbet, Lucy	Design Engineer II	95.00	11.00	\$1,045.00
Subtotal Task 12: As-Built Drawings			18.25	\$2,060.00
Total Fee Charges			18.25	\$2,060.00

Total Current Billing

\$2,060.00

Thank you!

1-008-4354-325

al
✓

|Total Paid to: Horsely Witten

\$ 86,149.04 |

Terms: Payable on Receipt

Page 1 of 1

3893