Memorandum

To: Mayor Elinor Carbone and Water Pollution Control Authority

CC: Jerry Rollett, DPW
Carol Anderson
Mary Zordan
Pennie Zucco

From: Ray Drew, Administrator WPCA

Date: 10/11/2017

Re: Payment Authorization

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1. Vote by the City Council herein acting as the Water Pollution Control Authority to approve the following payments from Fund #490 Sanitary Sewer Capital Improvement for Capital Project D-2Ab East Sewer Basin Rehabilitation Project.

DATE	CONTRACTOR	INVOICE#	AMOUNT$	DESCRIPTION
9/29/17	Insituform Technologies	Pay Req #4	$269,095.05	East Basin Sewer Rehabilitation
9/27/17	Weston & Sampson	473346	$16,960.00	East Basin Sewer Rehabilitation

To: City of Torrington, Connecticut
140 Main Street, Torrington CT 06790
860-485-9156

Attn: Ray Drew, Administrator - WPCA

From: Insituform Technologies, Inc.
253F Worcester Rd.
Charlton MA 01507
508-248-1700

Application Date:	9/29/2017
Application Number:	161077-4
Period Start:	~~3/8/2017~~ 4/5/17 WVJ
Period End:	5/24/2017

Contractor's Application for Payment

Change Order Summary		Additions	Deletions
Change Orders approved in Previous months by Owner	Total	$ -	
Approved This Month:			
Number	Date Approved		
	Totals	$ -	
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 Contractor Documents, that all amounts have been paid by him for Work for which previous Certificates of Payment were issued and payments received from the Owner and that current payment shown herein is now due.

CONTRACTOR: Insituform Technologies, Inc.

By: Mark E. Szela

Mark E. Szela, P.E.

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

1.	ORIGINAL CONTRACT SUM	$ 2,410,051.00
2.	Net Change by Change Orders	$ -
3.	CONTRACT SUM TO DATE	$ 2,410,051.00
4.	TOTAL COMPLETED & STORED TO DATE	$ 2,056,983.47
5.	RETAINAGE: 5% of Completed Work	$ 102,849.17
	Total Retainage	$ 102,849.17
6.	TOTAL EARNED LESS RETAINAGE	$ 1,954,134.30
7.	LESS PREVIOUS CERTIFICATES FOR PAYMENT	$ 1,685,039.25
8.	CURRENT PAYMENT DUE	$ 269,095.05
9.	BALANCE TO FINISH PLUS RETAINAGE	$ 353,067.53

State of: Massachusetts County of: Worcester

Subscribed and sworn to before me this 3rd day of October 2017

Notary Public: Anne Marie McDonnell

Commission Expires:

ANNE-MARIE MCDONNELL
NOTARY PUBLIC
COMMONWEALTH OF MASSACHUSETTS
MY COMMISSION EXPIRES 12/29/2017

ENGINEER'S CERTIFICATE FOR PAYMENT

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).

ENGINEER: By: [signature] Date: 10/9/17

Weston& Sampson

Project Owner: BY: [signature] Date: 10/11/17

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.

Insituform Technologies, Inc.
253F Worcester Rd.
Charlton MA 01507
508/248-1700 telephone
508/248-1709 fax

Application Date: 9/29/2017
Application Number: 161077-4
Period Start: ~~03/08/17~~ 4/5/17 RG
Period End: 05/24/17
Contract Number: EBS-041-053016

A	B	C	D	E	F	G	H	I	J	K
Item No.	Description of Work	Est. Qty's	Unit	Price	Original Scheduled Value	Work Completed This Application: Quantities in Place	Work Completed This Application: Amount this pay Req	Quantity Completed To Date	Billed to date	% Complete
1a	Clean,Inspect,Test & Jt Seal 8" Sewers	6,025	LF	$7.00	$ 42,175.00	3717.30	$26,021.10	3717.30	$26,021.10	62%
2a	CIPP 6"	240	LF	$46.00	$ 11,040.00	0.00	$0.00	0.00	$0.00	0%
2b	CIPP 8"	43,986	LF	$29.50	$ 1,297,587.00	1030.00	$30,385.00	42823.00	$1,263,278.50	97%
2c	CIPP 10"	1,918	LF	$35.00	$ 67,130.00	0.00	$0.00	1598.00	$55,930.00	83%
2d	CIPP 12"	4,814	LF	$43.00	$ 207,002.00	774.00	$33,282.00	4815.00	$207,045.00	100%
2e	8" & 10" Short Liner	43	LF	$363.00	$ 15,609.00	0.00	$0.00	4.00	$1,452.00	9%
3a	Open Cut Point Repair 8" & 10" Sewers	46	LF	$1,450.00	$ 66,700.00	0.00	$0.00	0.00	$0.00	0%
4a	Cut Protruding Service	52	EA	$350.00	$ 18,200.00	0.00	$0.00	42.00	$14,700.00	81%
5a	Int Coating of Manholes	2,566	VF	$140.00	$ 359,240.00	624.16	$87,382.40	624.16	$87,382.40	24%
5b	Seal Pipe Connection-per manhole	24	EA	$335.00	$ 8,040.00	20.75	$6,951.25	20.75	$6,951.25	86%
6a	Flagmen per Hour	2,253	HR	$65.30	$ 147,120.90	1007.95	$65,819.14	2993.50	$195,475.74	133%
6b	Police per Hour	440	HR	$62.80	$ 27,632.00	465	$29,192.31	1462.39	$91,838.23	332%
7a	Mob- Max 5% -Items 1a thru 6b	1	LS	$92,000.00	$ 92,000.00	0.00	$0.00	1.00	$92,000.00	100%
8a	Heavy Cleaning of Sewer	1,597	LF	$5.50	$ 8,783.50	4.50	$24.75	1583.50	$8,709.25	99%
9a	Invert/Bench Repairs-per MH	9	EA	$840.00	$ 7,560.00	5.00	$4,200.00	5.00	$4,200.00	56%
9b	Install MH w/ Frame & Cover	1	EA	$21,000.00	$ 21,000.00	0.00	$0.00	0.00	$0.00	0%
10a	Trafficmen/Flagmen - Local	172	HR	$65.30	$ 11,231.60	0.00	$0.00	0.00	$0.00	0%
11a	Mob- Max 5% -Items 8a thru 10a	1	LS	$2,000.00	$ 2,000.00	0.00	$ -	1.00	$2,000.00	100%
	TOTALS				2,410,051.00		283,257.94		2,056,983.47	
						5% retainage	$ 14,162.90		$ 102,849.17	Retainage to date
						Net Due	$ 269,095.05		$ 1,954,134.30	Net to Date

PAY APPLICATION #4
ESB 041-053016

Item No.	Description	Estimated Quantity	Unit	Contract Unit Price	Contract Amount	Previous Quantity	Quantity This Period	Total Quantity	Previous Amount	Amount This Period	Total Cost To Date
	Schedule A - DEEP Funding Eligible Items										
1a	Cleaning, inspection, testing, and joint sealing of 8-inch sewers	6,025	LF	$7.00	$42,175.00	0.00	3717.30	3717.30	$0.00	$26,021.10	$26,021.10
2a	Line 6-inch pipe	240	EA	$46.00	$11,040.00	0.00	0.00	0.00	$0.00	$0.00	$0.00
2b	Line 8-inch pipe	43,986	CY	$29.50	$1,297,587.00	41793.00	1030.00	42823.00	$1,232,893.50	$30,385.00	$1,263,278.50
2c	Line 10-inch pipe	1,918	CY	$35.00	$67,130.00	1598.00	0.00	1598.00	$55,930.00	$0.00	$55,930.00
2d	Line 12-inch pipe	4,814	CY	$43.00	$207,002.00	4041.00	774.00	4815.00	$173,763.00	$33,282.00	$207,045.00
2e	8-inch and 10-inch short liner	43	CY	$363.00	$15,609.00	4.00	0.00	4.00	$1,452.00	$0.00	$1,452.00
3a	Open cut spot repair of 8-inch and 10-inch sewers	46	CY	$1,450.00	$66,700.00	0.00	0.00	0.00	$0.00	$0.00	$0.00
4a	Cut protruding service	52	LS	$350.00	$18,200.00	42.00	0.00	42.00	$14,700.00	$0.00	$14,700.00
5a	Interior coating of manholes	2,566	SF	$140.00	$359,240.00	0.00	624.16	624.16	$0.00	$87,382.40	$87,382.40
5b	Seal pipe connection	24	EA	$335.00	$8,040.00	0.00	20.75	20.75	$0.00	$6,951.25	$6,951.25
6a	Trafficmen/flagmen (Local)	2,253	LF	$65.30	$147,120.90	1985.55	1007.95	2993.50	$129,856.60	$65,619.14	$195,475.74
6b	Trafficmen/flagmen (State)	440	LF	$62.80	$27,632.00	997.55	464.85	1462.39	$62,645.92	$29,192.31	$91,838.23
7a	Mobilization, not to exceed 5% of items 1a thru 6b	1	LF	$92,000.00	$92,000.00	1.00	0.00	1.00	$92,000.00	$0.00	$92,000.00
	Schedule B - DEEP Funding Non-Eligible Items										
8a	Heavy cleaning of sewer	1,597	LF	$5.50	$8,783.50	1579.00	4.50	1583.50	$8,684.50	$24.75	$8,709.25
9a	Invert/bench repairs	9	LS	$840.00	$7,560.00	0.00	5.00	5.00	$0.00	$4,200.00	$4,200.00
9b	Install manhole with frame and cover	1	EA	$21,000.00	$21,000.00	0.00	0.00	0.00	$0.00	$0.00	$0.00
10a	Trafficmen/flagmen (Local)	172	EA	$65.30	$11,231.60	0.00	0.00	0.00	$0.00	$0.00	$0.00
11a	Mobilization, not to exceed 5% of items 8a thru 10a	1	EA	$2,000.00	$2,000.00	1.00	0.00	1.00	$2,000.00	$0.00	$2,000.00
										$263,257.94	$2,058,983.47

464.8457005

Schedule A:	$2,359,475.90	Schedule A:	$2,042,074.22
Schedule B:	$50,575.10	Schedule B:	$14,909.25
Original Contract Amount:	$2,410,051.00	Total Completed and Stored To Date:	$2,056,983.47
Sum of Change Orders:	$0.00	5% Retainage:	$102,849.17
Current Contract Amount:	$2,410,051.00	Total Completed Less Retainage:	$1,954,134.30
		Less Previous Payment Applications:	$1,685,039.25
		Payment Due:	$269,095.05

 Weston & Sampson

Tax ID No: 04-2601194

INVOICE

PLEASE MAKE CHECKS PAYABLE TO:
Weston & Sampson Engineers, Inc.

Weston & Sampson Engineers, Inc.
5 Centennial Drive, Peabody, MA 01960-7985
westonandsampson.com Tel: 978.532.1900

September 27, 2017
Project No: 2160339
Invoice No: 473346

Mr. Raymond Drew
WPCA Administrator
TORRINGTON, CITY OF
140 Main Street
Torrington, CT 06790

Project 2160339 TORRINGTON, CT-ON CALL SERVICES TASK ORDER #6-BIDDING & CA SEWER REHAB

Professional Services through August 25, 2017

Fee

Description	Contract Amount	% Work To Date	Amount Billed To Date	Previously Billed	This Inv. Billed
PHASE A-BIDDING	7,500.00	100.00	7,500.00	7,500.00	0.00
PHASE B-CONSTRUCTION ADMINISTRATION	84,800.00	95.00	80,560.00	63,600.00	16,960.00
Total Fee	92,300.00		88,060.00	71,100.00	16,960.00

Total Fee 16,960.00

TOTAL THIS INVOICE $16,960.00