

## RFB NO. 2018-41 INFLOW AND INFILTRATION REHABILITATION

## BIDDER CHECKLIST

This checklist is provided to assist each Bidder in the preparation of their bid response. Included in this checklist are important requirements, which is the responsibility of each Bidder to submit with their response in order to make their response fully compliant. This checklist is only a guideline it is the responsibility of each Bidder to read and comply with the Invitation to Bid in its entirety.

- ☒ 1. Carefully read and become familiar with the Instructions to Bidders, General Provisions, Special Conditions and Technical Provisions, Permits, Inspections Reports, Surveys and Insurance Requirements.
- ☒ 2. Fill out and sign **Bid Form** (acknowledge addenda, bond information, subcontractors and suppliers, if applicable).
- ☒ 3. Fill out **Bid Price Schedule** (unit prices must be filled in every block).
- ☒ 4. Fill out and sign the **Statement of Organization** and have it properly notarized.
- ☒ 5. Provide **State of Florida Registration** (<http://www.sunbiz.org/search.html>)
- ☒ 6. Fill out and sign the **Non-Collusive Affidavit** and have it properly notarized.
- ☒ 7. Fill out and sign the **Conflict of Interest Form**
- ☒ 8. Fill out the **Reference Form**
- ☒ 9. Fill out and Sign the **Vendor Drug Free Workplace Form**.
- ☒ 10. Fill out and sign the "Local Business Affidavit" or "North Port Local Business Affidavit" (not applicable for this project)
- ☒ 11. Fill out and sign **Public Entity Crime Information**
- ☒ 12. Fill out and sign **No Lobbying Affidavit**
- ☒ 13. Provide **USB drive** (pdf of submittal)
- ☒ 14. Fill out and sign the **SWORN STATEMENT: THE FLORIDA TRENCH SAFETY ACT**
- ☒ 15. Provide **any additional documentation** requested within the Bid Document.
- ☒ 16. **Submit ONE (1) Original AND ONE (1) Copy** of submittal.
- ☒ 17. **CREDIT CARDS** Does your company accept Credit Card Payments? (Credit card payments will be processed upon the City's inspection and acceptance of goods/services and receipt of invoice for payment. The City will not pay fees for credit card transactions).  
☐ YES ☒ NO
- ☒ 18. Clearly mark the sealed bid with the **BID NUMBER AND BID NAME** on the outside of the package.

City of North Port  
 Finance Department/Purchasing Division  
 Keith Raney, Contract Administrator II  
 4970 City Hall, Suite 337  
 North Port, Florida 34286

RFB NO. 2018-41 INFLOW AND INFILTRATION REHABILITATION

Date: March 20, 2018

Signed (Person authorized to bind the company): 

Name (printed): Diane Partridge Title: Contracting and Attesting Officer

(THIS PAGE MUST BE COMPLETED AND SUBMITTED)



**Blake Messer**

*Account Executive Officer  
Travelers Bond*

(314) 579-8309  
(314) 579-8388 (fax)

940 West Port Plaza,  
Suite 450  
St. Louis, MO 63146

March 7, 2018

**RE: Insituform Technologies, LLC**

City of North Port  
Finance Department/Purchasing Division  
4870 City Hall Blvd, Ste 337  
North Port, Florida, 34287:

**Project: Request for Bid No. 2018-41, Inflow and Infiltration Rehabilitation.  
Bid Date: March 20, 2018**

Insituform Technologies, LLC is a valued Travelers Casualty and Surety Company of America surety customer. Travelers Casualty and Surety Company is one of the most financially sound insurance companies in the United States and enjoys a Best Rating of A++ with financial strength category of XV, the highest rating awarded.

Due to Insituform Technologies, LLC's reputation, technical expertise, financial strength, quality equipment and experienced labor force, Travelers Casualty and Surety Company of America is prepared to execute performance and payment bonds for single jobs in the \$200,000,000 range with an aggregate work program of \$500,000,000.

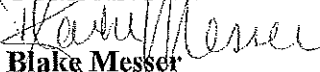
Over the course of Travelers Casualty and Surety Companies relationship with Insituform Technologies, LLC we have never had a complaint as respects any of their workmanship or a question as to their ability to perform on any project. Additionally, Insituform Technologies, LLC's pro-active approach to a safe worksite and a safe labor force enables owners to rest assured that a safe work environment will be provided.

Should a project be awarded to and accepted by Insituform Technologies, LLC we are prepared to consider providing the required bonds on their behalf. Any bonds are subject to acceptable review of the contract terms and conditions, bond forms, confirmation of financing, and any other underwriting considerations at the time of the request. It should be understood that any arrangement for bonds is strictly a matter between Insituform Technologies, LLC. and Travelers Casualty and Surety Company of America. We assume no liability to third parties or to you if for any reason we do not execute said bonds.

Please feel free to contact me if you have any specific questions regarding Insituform Technologies, LLC or their surety bond program.

Regards,

**TRAVELERS CASUALTY AND SURETY  
COMPANY OF AMERICA**

  
**Blake Messer**

**Account Executive Officer**

**Gravity Sewer and Manhole Rehabilitation to Reduce Inflow and Infiltration**  
**Unit Rate Pricing Spreadsheet**

|                                                                              |                                                                           | 2018               |      |           | 2019          |           |               | 2020      |               |  |
|------------------------------------------------------------------------------|---------------------------------------------------------------------------|--------------------|------|-----------|---------------|-----------|---------------|-----------|---------------|--|
| No.                                                                          | Description                                                               | Estimated Quantity | Unit | Unit Cost | Extended Cost | Unit Cost | Extended Cost | Unit Cost | Extended Cost |  |
| SYSTEM INVESTIGATION <sup>1</sup>                                            |                                                                           |                    |      |           |               |           |               |           |               |  |
| 1                                                                            | Sewer Cleaning & CCTV - 6" Dia.                                           | 3,000 LF           | \$   | 1.80      | 5,400         | \$        | 5,550.00      | \$        | 5,730.00      |  |
| 2                                                                            | Sewer Cleaning & CCTV - 8" Dia.                                           | 40,000 LF          | \$   | 2.00      | 80,000        | \$        | 82,400.00     | \$        | 84,800.00     |  |
| 3                                                                            | Sewer Cleaning & CCTV - 10" Dia.                                          | 1,000 LF           | \$   | 2.10      | 2,100         | \$        | 2,160.00      | \$        | 2,230.00      |  |
| 4                                                                            | Sewer Cleaning & CCTV - 12" Dia.                                          | 3,000 LF           | \$   | 2.20      | 6,600         | \$        | 6,810.00      | \$        | 6,990.00      |  |
| 5                                                                            | Heavy Sewer Cleaning - 8" Dia.                                            | 5,000 LF           | \$   | 7.80      | 39,000        | \$        | 40,150.00     | \$        | 41,400.00     |  |
| 6                                                                            | Heavy Sewer Cleaning - 10" Dia.                                           | 1,000 LF           | \$   | 7.80      | 7,800         | \$        | 8,030.00      | \$        | 8,280.00      |  |
| 7                                                                            | Heavy Sewer Cleaning - 12" Dia.                                           | 1,000 LF           | \$   | 7.80      | 7,800         | \$        | 8,030.00      | \$        | 8,280.00      |  |
| 8                                                                            | Gravity Sewer Smoke Testing                                               | 2,500 LF           | \$   | 0.70      | 1,750         | \$        | 1,800.00      | \$        | 1,850.00      |  |
| REHABILITATION <sup>2</sup>                                                  |                                                                           |                    |      |           |               |           |               |           |               |  |
| 9                                                                            | Mobilization/Demobilization for Rehabilitation                            | 1 EA               | \$   | 38,000.00 | 38,000        | \$        | 39,140.00     | \$        | 40,314.20     |  |
| 10                                                                           | Locate & Expose Buried MH                                                 | 10 EA              | \$   | 1,340.30  | 13,403        | \$        | 13,605.10     | \$        | 14,219.20     |  |
| 11                                                                           | Grouting Service Lateral Connection                                       | 100 EA             | \$   | 335.10    | 33,510        | \$        | 34,515.00     | \$        | 35,551.00     |  |
| CURED-IN-PLACE LINER                                                         |                                                                           |                    |      |           |               |           |               |           |               |  |
| 12                                                                           | Cured in Place Liner - 6" Dia. (6 mm thick)                               | 3,000 LF           | \$   | 33.10     | 99,300        | \$        | 102,270.00    | \$        | 105,360.00    |  |
| 13                                                                           | Cured in Place Liner - 8" Dia. (6 mm thick)                               | 40,000 LF          | \$   | 26.75     | 1,070,000     | \$        | 1,102,000.00  | \$        | 1,135,200.00  |  |
| 14                                                                           | Cured in Place Liner - 10" Dia. (6 mm thick)                              | 1,000 LF           | \$   | 33.20     | 33,200        | \$        | 34,200.00     | \$        | 35,220.00     |  |
| 15                                                                           | Cured in Place Liner - 12" Dia. (6 mm thick)                              | 3,000 LF           | \$   | 38.50     | 115,500       | \$        | 122,070.00    | \$        | 125,716.65    |  |
| 16                                                                           | Reinstate Service Lateral Connection                                      | 700 EA             | \$   | 160.00    | 112,000       | \$        | 115,360.00    | \$        | 118,818.00    |  |
| CURED-IN-PLACE SPOT REPAIR                                                   |                                                                           |                    |      |           |               |           |               |           |               |  |
| 17                                                                           | Cured-in-Place Spot Repair - 0-10' deep                                   | 5 LF               | \$   | 726.00    | 3,630         | \$        | 3,738.90      | \$        | 3,851.05      |  |
| 18                                                                           | Cured-in-Place Spot Repair - >10' deep                                    | 5 LF               | \$   | 949.40    | 4,747         | \$        | 4,889.40      | \$        | 5,036.10      |  |
| MANHOLE REHABILITATION                                                       |                                                                           |                    |      |           |               |           |               |           |               |  |
| 19                                                                           | MH Rehabilitation (48" Dia.) - 0-5' deep                                  | 4 EA               | \$   | 784.10    | 3,136         | \$        | 3,230.48      | \$        | 3,327.40      |  |
| 20                                                                           | MH Rehabilitation (48" Dia.) - 6-8' deep                                  | 4 EA               | \$   | 929.30    | 3,717         | \$        | 3,828.72      | \$        | 3,943.56      |  |
| 21                                                                           | MH Rehabilitation (48" Dia.) - 8-10' deep                                 | 4 EA               | \$   | 1,161.60  | 4,646         | \$        | 4,785.80      | \$        | 4,939.36      |  |
| 22                                                                           | MH Rehabilitation (48" Dia.) - 10-12' deep                                | 4 EA               | \$   | 1,393.90  | 5,576         | \$        | 5,742.88      | \$        | 5,915.16      |  |
| 23                                                                           | MH Rehabilitation (48" Dia.) - 12-14' deep                                | 4 EA               | \$   | 1,626.20  | 6,505         | \$        | 6,699.96      | \$        | 6,900.96      |  |
| CEMENTITIOUS MONOLITHIC MANHOLE LINING SYSTEM - ALTERNATIVE 1 <sup>3</sup>   |                                                                           |                    |      |           |               |           |               |           |               |  |
| 24                                                                           | Cementitious MH Monolithic Lining (C/MML) System (48" Dia.) - 0-5' deep   | 32 EA              | \$   | 1,960.20  | 62,726        | \$        | 64,608.32     | \$        | 66,546.56     |  |
| 25                                                                           | Cementitious MH Monolithic Lining (C/MML) System (48" Dia.) - 6-8' deep   | 32 EA              | \$   | 2,613.60  | 83,635        | \$        | 86,144.32     | \$        | 88,728.64     |  |
| 26                                                                           | Cementitious MH Monolithic Lining (C/MML) System (48" Dia.) - 8-10' deep  | 32 EA              | \$   | 3,267.00  | 104,544       | \$        | 107,680.32    | \$        | 110,910.72    |  |
| 27                                                                           | Cementitious MH Monolithic Lining (C/MML) System (48" Dia.) - 10-12' deep | 32 EA              | \$   | 3,920.40  | 125,453       | \$        | 129,216.32    | \$        | 133,092.80    |  |
| 28                                                                           | Cementitious MH Monolithic Lining (C/MML) System (48" Dia.) - 12-14' deep | 32 EA              | \$   | 4,573.80  | 146,362       | \$        | 150,752.32    | \$        | 155,274.88    |  |
| EPOXY MONOLITHIC MANHOLE LINING SYSTEM - ALTERNATIVE 2 <sup>3</sup>          |                                                                           |                    |      |           |               |           |               |           |               |  |
| 29                                                                           | Epoxy MH Monolithic Lining (E/MML) System (48" Dia.) - 0-5' deep          | 32 EA              | \$   | 1,960.20  | 62,726        | \$        | 64,608.32     | \$        | 66,546.56     |  |
| 30                                                                           | Epoxy MH Monolithic Lining (E/MML) System (48" Dia.) - 6-8' deep          | 32 EA              | \$   | 2,613.60  | 83,635        | \$        | 86,144.32     | \$        | 88,728.64     |  |
| 31                                                                           | Epoxy MH Monolithic Lining (E/MML) System (48" Dia.) - 8-10' deep         | 32 EA              | \$   | 3,267.00  | 104,544       | \$        | 107,680.32    | \$        | 110,910.72    |  |
| 32                                                                           | Epoxy MH Monolithic Lining (E/MML) System (48" Dia.) - 10-12' deep        | 32 EA              | \$   | 3,920.40  | 125,453       | \$        | 129,216.32    | \$        | 133,092.80    |  |
| 33                                                                           | Epoxy MH Monolithic Lining (E/MML) System (48" Dia.) - 12-14' deep        | 32 EA              | \$   | 4,573.80  | 146,362       | \$        | 150,752.32    | \$        | 155,274.88    |  |
| CURED-IN-PLACE MONOLITHIC MANHOLE LINING SYSTEM - ALTERNATIVE 3 <sup>3</sup> |                                                                           |                    |      |           |               |           |               |           |               |  |
| 34                                                                           | Cured-in-Place MH Liner (C/PML) (48" Dia.) - 0-5' deep                    | 32 EA              | \$   | -         | -             | \$        | -             | \$        | -             |  |
| 35                                                                           | Cured-in-Place MH Liner (C/PML) (48" Dia.) - 6-8' deep                    | 32 EA              | \$   | -         | -             | \$        | -             | \$        | -             |  |
| 36                                                                           | Cured-in-Place MH Liner (C/PML) (48" Dia.) - 8-10' deep                   | 32 EA              | \$   | -         | -             | \$        | -             | \$        | -             |  |
| 37                                                                           | Cured-in-Place MH Liner (C/PML) (48" Dia.) - 10-12' deep                  | 32 EA              | \$   | -         | -             | \$        | -             | \$        | -             |  |
| 38                                                                           | Cured-in-Place MH Liner (C/PML) (48" Dia.) - 12-14' deep                  | 32 EA              | \$   | -         | -             | \$        | -             | \$        | -             |  |
| TOTAL CONSTRUCTION COST: ALTERNATIVE 1                                       |                                                                           |                    |      |           |               |           |               |           |               |  |
|                                                                              |                                                                           |                    |      | \$        | 781,663.40    | \$        | 805,079.54    | \$        | 829,214.44    |  |
| Alternative 1 Line Items 1-11, 19-25 & 24-28                                 |                                                                           |                    |      | \$        | -             | \$        | -             | \$        | -             |  |
| TOTAL CONSTRUCTION COST: ALTERNATIVE 2                                       |                                                                           |                    |      | \$        | -             | \$        | -             | \$        | -             |  |
| Alternative 2 Line Items 1-11, 19-23 & 29-33                                 |                                                                           |                    |      | \$        | -             | \$        | -             | \$        | -             |  |





## BID FORM (THIS PAGE MUST BE COMPLETED AND SUBMITTED)

Name of Bidder: Insituform Technologies, LLC

Business Address: 17988 Edison Avenue, Chesterfield, MO 63005

Telephone Number: (636) 530-8000 Fax Number: (636) 530-8701

E-mail Address: dpartridge@aeglon.com

Contractor License #: CGC061125

FEID #: 13-3032158

To the City Commission of the City of North Port pursuant to and in compliance with your notice inviting sealed bids (Invitation to Bid), Instructions to Bidders, and the other documents relating thereto, the undersigned bidder, having familiarized himself/herself with the terms of the Contract documents, local conditions affecting the performance of the Contract, and the cost of the work at the place where the work is to be done, hereby proposes and agrees to perform within the time stipulated in the Contract, including all of its component parts and everything required to be performed, and to provide and furnish any and all of the labor, material, tools, expendable equipment, and all utility and transportation services and design of certain items necessary to perform the Contract and complete in a workmanlike manner, all of the work required in connection with the construction of said work all in strict conformity with the plans and specifications and other Contract documents for the prices hereinafter set forth.

The undersigned, as bidder, does hereby declare that he has read the Request for Bids, Instructions to Bidders, General Provisions, Special Provisions, Technical Specifications & Conditions, Insurance Requirements, Bid Form, Permit Fees, Plan Revisions, Plans, grants, geotechnical reports and any other documentation for: **INFLOW AND INFILTRATION REHABILITATION** and further agrees to furnish all items listed on the attached Bid Form in accordance with the Lump Sum line items as indicated on the bid schedule form submitted. The above specified documents are herein incorporated into the Bid Form.

The undersigned as bidder, declares that the only persons or parties interested in this submittal as principals are those named herein; that this submittal is made without collusion with any person, firm, or corporation; and he/she proposes and agrees, if the proposal is accepted, that he/she will execute a Contract with the City in the form set forth in the Contract documents and that he/she will accept in full payment thereof the following prices, to wit:

## TOTAL BID PRICE:

ALTERNATIVE #1- SEVEN HUNDRED EIGHTY ONE THOUSAND SIX HUNDRED \$ 781,663.40  
 (TYPE/PRINT) SIXTY THREE THOUSAND AND FORTY CENTS (NUMERIC)

Through the signing of this Bid Form, Bidder attests his/her bid is guaranteed for a period of not less than **NINETY (90) DAYS** from the date of the official bid opening.

Date: March 20, 2018

Signed (Person authorized to bind the company): Diane Partridge

Name (printed): Diane Partridge Title: Contracting and Attesting Officer

## BID FORM (THIS PAGE MUST BE COMPLETED AND SUBMITTED)

Name of Bidder: Insituform Technologies, LLCBusiness Address: 17988 Edison Avenue, Chesterfield, MO 63005Telephone Number: (636) 530-8000 Fax Number: (636) 530-8701E-mail Address: dpartridge@aegion.comContractor License #: CGC061125FEID #: 13-3032158

To the City Commission of the City of North Port pursuant to and in compliance with your notice inviting sealed bids (Invitation to Bid), Instructions to Bidders, and the other documents relating thereto, the undersigned bidder, having familiarized himself/herself with the terms of the Contract documents, local conditions affecting the performance of the Contract, and the cost of the work at the place where the work is to be done, hereby proposes and agrees to perform within the time stipulated in the Contract, including all of its component parts and everything required to be performed, and to provide and furnish any and all of the labor, material, tools, expendable equipment, and all utility and transportation services and design of certain items necessary to perform the Contract and complete in a workmanlike manner, all of the work required in connection with the construction of said work all in strict conformity with the plans and specifications and other Contract documents for the prices hereinafter set forth.

The undersigned, as bidder, does hereby declare that he has read the Request for Bids, Instructions to Bidders, General Provisions, Special Provisions, Technical Specifications & Conditions, Insurance Requirements, Bid Form, Permit Fees, Plan Revisions, Plans, grants, geotechnical reports and any other documentation for: **INFLOW AND INFILTRATION REHABILITATION** and further agrees to furnish all items listed on the attached Bid Form in accordance with the Lump Sum line items as indicated on the bid schedule form submitted. The above specified documents are herein incorporated into the Bid Form.

The undersigned as bidder, declares that the only persons or parties interested in this submittal as principals are those named herein; that this submittal is made without collusion with any person, firm, or corporation; and he/she proposes and agrees, if the proposal is accepted, that he/she will execute a Contract with the City in the form set forth in the Contract documents and that he/she will accept in full payment thereof the following prices, to wit:

## TOTAL BID PRICE:

INTERPRETATION #2 SEVEN HUNDRED EIGHTY ONE THOUSAND SIX HUNDRED SIXTY \$ 781,663.40  
 (TYPE/PRINT) THREE DOLLARS AND FORTY CENTS (NUMERIC)

Through the signing of this Bid Form, Bidder attests his/her bid is guaranteed for a period of not less than **NINETY (90) DAYS** from the date of the official bid opening.

Date: March 20, 2018Signed (Person authorized to bind the company): Diane PartridgeName (printed): Diane Partridge Title: Contracting and Attesting Officer

## BID FORM (THIS PAGE MUST BE COMPLETED AND SUBMITTED)

Name of Bidder: Insituform Technologies, LLC

Business Address: 17988 Edison Avenue, Chesterfield, MO 63005

Telephone Number: (636) 530-8000 Fax Number: (636) 530-8701

E-mail Address: dpartridge@aegion.com

Contractor License #: CGC061125

FEID #: 13-3032158

To the City Commission of the City of North Port pursuant to and in compliance with your notice inviting sealed bids (Invitation to Bid), Instructions to Bidders, and the other documents relating thereto, the undersigned bidder, having familiarized himself/herself with the terms of the Contract documents, local conditions affecting the performance of the Contract, and the cost of the work at the place where the work is to be done, hereby proposes and agrees to perform within the time stipulated in the Contract, including all of its component parts and everything required to be performed, and to provide and furnish any and all of the labor, material, tools, expendable equipment, and all utility and transportation services and design of certain items necessary to perform the Contract and complete in a workmanlike manner, all of the work required in connection with the construction of said work all in strict conformity with the plans and specifications and other Contract documents for the prices hereinafter set forth.

The undersigned, as bidder, does hereby declare that he has read the Request for Bids, Instructions to Bidders, General Provisions, Special Provisions, Technical Specifications & Conditions, Insurance Requirements, Bid Form, Permit Fees, Plan Revisions, Plans, grants, geotechnical reports and any other documentation for: **INFLOW AND INFILTRATION REHABILITATION** and further agrees to furnish all items listed on the attached Bid Form in accordance with the Lump Sum line items as indicated on the bid schedule form submitted. The above specified documents are herein incorporated into the Bid Form.

The undersigned as bidder, declares that the only persons or parties interested in this submittal as principals are those named herein; that this submittal is made without collusion with any person, firm, or corporation; and he/she proposes and agrees, if the proposal is accepted, that he/she will execute a Contract with the City in the form set forth in the Contract documents and that he/she will accept in full payment thereof the following prices, to wit:

## TOTAL BID PRICE:

ALTERNATIVE #3 ONE MILLION SEVEN HUNDRED THIRTY-THREE HUNDRED \$ 1,700,320.40  
 (TYPE/PRINT) TWENTY DOLLARS AND FIFTY CENTS (NUMERIC)

Through the signing of this Bid Form, Bidder attests his/her bid is guaranteed for a period of not less than **NINETY (90) DAYS** from the date of the official bid opening.

Date: March 20, 2018

Signed (Person authorized to bind the company): Diane Partridge

Name (printed): Diane Partridge Title: Contracting and Attesting Officer

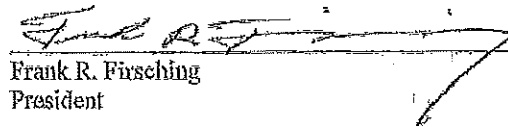
INSITUFORM TECHNOLOGIES, LLC

PRESIDENT APPOINTMENT OF OFFICERS

Pursuant to the authority set forth in the Limited Liability Company Agreement of Insituform Technologies, LLC (the "Company"), I hereby determine that:

1. Christlinda Adkins, Laura M. Andreski, Janet Hess, Jana Laue, Diane Partridge, Whitney Schulte, and Ursula Youngblood are appointed as Contracting and Attesting Officers of the Company, each with the authority, individually and in the absence of the others, subject to the control of the Board of Managers of the Company, (i) to certify and to attest the signature of any officer of the Company, (ii) to enter into and to bind the Company to perform pipeline rehabilitation activities of the Company and all matters related thereto, including the maintenance of one or more offices and facilities of the Company, (iii) to execute and to deliver documents on behalf of the Company, and (iv) to take such other action as is or may be necessary and appropriate to carry out the project, activities and work of the Company; and
2. All other Contracting and Attesting Officers of the Company appointed by the President of the Company prior to the date of this appointment are hereby removed from office.

Dated: December 14, 2017

  
Frank R. Firsching  
President

**RFB NO. 2018-41 INFLOW AND INFILTRATION REHABILITATION**

The undersigned acknowledges receipt of the following addenda, and the cost, if any, of such revisions has been included in the bid price.

|              |   |       |         |              |   |       |            |
|--------------|---|-------|---------|--------------|---|-------|------------|
| Addendum No. | 1 | Dated | 3/2/18  | Addendum No. | 5 | Dated | 03/19/2018 |
| Addendum No. | 2 | Dated | 3/8/18  | Addendum No. |   | Dated |            |
| Addendum No. | 3 | Dated | 3/15/18 | Addendum No. |   | Dated |            |
| Addendum No. | 4 | Dated | 3/19/18 | Addendum No. |   | Dated |            |

**BID BOND AND PERFORMANCE/PAYMENT BOND**

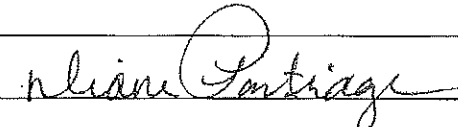
**BID BOND:** ACCOMPANYING THIS PROPOSAL IS bidder's bond  
(insert: "cash", "bidder's bond", or "certified check", as the case may be) in an amount equal to at least 5% of the total amount of the bid, payable to the City of North Port. Cashier's checks will be returned to all bidders after award of bid.

The undersigned deposits the above-named security as a proposal guarantee and agrees that it shall be forfeited to the City as liquidated damages in case this proposal is accepted by the City and the undersigned fails to execute a contract with the City as specified in the contract documents accompanied by the required labor and material and faithful performance bonds with sureties satisfactory to the City, and accompanied by the required certificates of insurance coverage. Should the City be required to engage the services of an attorney in connection with the enforcement of this bid, bidder promises to pay City's reasonable attorneys' fees incurred with or without suit.

The undersigned agrees, if awarded this bid, to furnish a Performance and Payment Bond in the amount of 100% of the total project price within ten (10) calendar days after notification of award to the Purchasing Department. The undersigned shall be responsible and bear all costs associated to record Performance and Payment Bond with Sarasota County Clerk's Office. Receipt of said recording and a certified copy of the Bond shall be furnished to the Purchasing Division at the time of the pre-construction meeting.

All contract documents (i.e.; performance and payment bond, cashier's check, bid bond) shall be in the name of "City of North Port".

Date: March 20, 2018

Signed (Person authorized to bind the company): 

Name (printed): Diane Partridge

Title: Contracting and Attesting Officer

**(THIS PAGE MUST BE COMPLETED AND SUBMITTED)**



City of North Port  
FINANCE DEPARTMENT/PURCHASING DIVISION  
4970 CITY HALL BLVD, STE 337  
NORTH PORT, FLORIDA 34287  
Office: 941.429.7170  
Fax: 941.429.7173  
Email: [purchasing@cityofnorthport.com](mailto:purchasing@cityofnorthport.com)



March 19, 2018

ADDENDUM 4

TO: PROSPECTIVE BIDDERS

RE: RFB NO. 2018-41 INFLOW and INFILTRATION REHABILITATION

DUE DATE: March 20, 2018

LAST DAY FOR QUESTIONS: March 13, 2018

Additional Documents with this addendum:  
N/A

City Hall, Room 302 (Bids need to be delivered to Room 337 so they can be date and time stamped on or before 2:00 PM. Bid opening will commence in Room 302 shortly thereafter)

Bidders are hereby notified that this addendum shall be made part of the above-named bid and contract documents. The following changes to the above bid are issued to modify, and/or clarify the bid and contract documents (the deletions are as ~~strike throughs~~ and additions as underlined). These items shall have the same force and effect as the original documents, and bids to be submitted on the specified date shall conform with the additions, deletions and revisions as listed herein.

ITEM #1: QUESTIONS/ANSWERS

Q1: The bid documents say submit to 4970 City Hall Blvd., Suite 337 And the address on the letter head of the Addenda is 4870 City Hall Blvd., Ste, 337 Is it 4970 or 4870?

A1: CORRECTION: DELETE, The letterhead address contained in Addenda 1-4, and REPLACE with correct address for City Hall as:

*City of North Port  
Finance Department  
Purchasing Division  
4970 City Hall Blvd., Ste 337  
North Port, Florida 34286*

Note: If you have mailed your submittal, please e-mail me the addenda acknowledgement sheet.

|              |   |       |         |
|--------------|---|-------|---------|
| Addendum No. | 4 | Dated | 3/19/18 |
|--------------|---|-------|---------|

Date: March 19, 2018

Addendum #4

Signed (Person authorized to bind the company):



Name (printed): Diane Partridge

Title: Contracting and Attesting Officer

Firms are required to acknowledge receipt of this addendum on their proposal forms. All other terms and conditions of the original proposal and contract documents remain the same.

*Keith Raney*

Keith Raney, CPPB, CPPO  
Contract Administrator II  
Finance Department/Purchasing Division  
4970 City Hall Blvd.  
North Port, Florida 34286  
Tel: 941.429.7103  
Fax: 941.429.7173

E-mail: [kraney@cityofnorthport.com](mailto:kraney@cityofnorthport.com)

Receipt of Addendum No. 4 shall be noted within the Bid Form in the appropriate section.  
End of Addendum No.4



City of North Port  
FINANCE DEPARTMENT/PURCHASING DIVISION  
4970 CITY HALL BLVD, STE 337  
NORTH PORT, FLORIDA 34287  
Office: 941.429.7170  
Fax: 941.429.7173  
Email: [purchasing@cityofnorthport.com](mailto:purchasing@cityofnorthport.com)



March 19, 2018

ADDENDUM 5

TO: PROSPECTIVE BIDDERS

RE: RFB NO. 2018-41 INFLOW and INFILTRATION REHABILITATION

DUE DATE EXTENDED TO: ~~March 20, 2018~~ March 23, 2018

LAST DAY FOR QUESTIONS March 13, 2018

Additional Documents with this addendum:

Revised Bid Form

City Hall, Room 302 (Bids need to be delivered to Room 337 so they can be date and time stamped on or before 2:00 PM. Bid opening will commence in Room 302 shortly thereafter)

Bidders are hereby notified that this addendum shall be made part of the above-named bid and contract documents. The following changes to the above bid are issued to modify, and/or clarify the bid and contract documents (the deletions are as ~~strikethroughs~~ and additions as underlined). These items shall have the same force and effect as the original documents, and bids to be submitted on the specified date shall conform with the additions, deletions and revisions as listed herein.

ITEM #1: **QUESTIONS/ANSWERS**

Q1: The Addendum 2 revised bid form under alternative 1 is also adding items 20-24 but those items are not in the description for alternative 1.

A1: **See revised bid form.** If you have mailed your submittal, please e-mail me the addenda acknowledgement sheet. The Revised Bid Form must be delivered by the new bid opening 3/23/2018 at 2:00 PM.

|              |  |       |  |
|--------------|--|-------|--|
| Addendum No. |  | Dated |  |
|--------------|--|-------|--|

Date: March 19, 2018

Signed (Person authorized to bind the company):

Name (printed): Diane Partridge

Title: Contracting and Attesting Officer



Firms are required to acknowledge receipt of this addendum on their proposal forms. All other terms and conditions of the original proposal and contract documents remain the same.

*Keith Raney*

---

Keith Raney, CPPB, CPPO  
Contract Administrator II  
Finance Department/Purchasing Division  
4970 City Hall Blvd.  
North Port, Florida 34286  
Tel: 941.429.7103  
Fax: 941.429.7173

E-mail: [kraney@cityofnorthport.com](mailto:kraney@cityofnorthport.com)

Receipt of Addendum No. 5 shall be noted within the Bid Form in the appropriate section.  
End of Addendum No.5

**RFB NO. 2018-41 INFLOW AND INFILTRATION REHABILITATION**

**EQUIPMENT LIST**

Equipment is located at: Florida Area

The following is a listing of your equipment, inclusive of manufacturer, year and condition. Condition shall be listed in accordance with the following scale: 1-Excellent; 2-Good; 3-Fair; 4-Poor. (Attach additional sheets, if required.)

| Description                    | Manufacturer | Year | Condition | Leased/Owned (If leased, date of expiration) |
|--------------------------------|--------------|------|-----------|----------------------------------------------|
| See attached List of Equipment |              |      |           |                                              |
|                                |              |      |           |                                              |
|                                |              |      |           |                                              |
|                                |              |      |           |                                              |
|                                |              |      |           |                                              |

**SOURCE OF SUPPLY AND SUBCONTRACTOR FORM**

The following sources of supply and subcontractors shall be used for the 2018-41 INFLOW AND INFILTRATION REHABILITATION. If bidder does not have a source of supply or subcontractor, insert "to be determined". When a source or subcontractor is determined, selection will be subject to City approval. (If not applicable, state N/A).

**SUBCONTRACTOR(S)**

**(PLEASE INCLUDE ADDRESS/TELEPHONE NUMBER & E-MAIL)**

1. PROLINE VACTOR 3100 FAIRLANE FARMS RD, WELLINGTON, FL 33414 561-340-1495 TODA@PROLINEVACTOR.COM
2. PLASTIC COMPOSITES 1222 CAMP AVE, MT. DORA FL 32757 352-383-0194 JPO@PLASTICCOMPOSITES.COM
3. \_\_\_\_\_
4. \_\_\_\_\_

**SUPPLIER(S)**

1. \_\_\_\_\_
2. \_\_\_\_\_
3. \_\_\_\_\_
4. \_\_\_\_\_

Date: March 20, 2018

Signed (Person authorized to bind the company): 

Name (printed): Diane Partridge Title: Contracting and Attesting Officer

**(THIS PAGE MUST BE COMPLETED AND SUBMITTED)**

Florida Equipment List

| State | Status | VIN                | Make Name     | VIN Model            | Model Year | Model Name           | Description                                                            |
|-------|--------|--------------------|---------------|----------------------|------------|----------------------|------------------------------------------------------------------------|
| FL    | New    |                    | KENWORTH      | T370                 | 2018       | T370                 | Kenworth, T370                                                         |
| FL    | Active | 1FDAW5GR2AEAE26409 | FORD          | F-550                | 2010       | W5G F-550 CHASSI     | Ford, F-550V8, 6.4L; Turbo                                             |
| FL    | Active | 1FT7W2B68EEAE61732 | FORD          | F-250                | 2014       | W2B F-250            | Ford, F-250, XL; XLT; Cabela; Lariat, V8, 6.2L; FFV                    |
| FL    | Active | 1FT7W2B67EEAE61740 | FORD          | F-250                | 2014       | W2B F-250            | Ford, F-250, XL; XLT; Cabela; Lariat, V8, 6.2L; FFV                    |
| FL    | Active | 1FT7W2B69EEAE61741 | FORD          | F-250                | 2014       | W2B F-250            | Ford, F-250, XL; XLT; Cabela; Lariat, V8, 6.2L; FFV                    |
| FL    | Active | 1FD0W5GT2EEEB53738 | FORD          | F-550                | 2014       | W5G F-550 CHASSI     | Ford, F-550V8, 6.7L; Turbo                                             |
| FL    | Active | 1FD0W5GT9EEEB69158 | FORD          | F-550                | 2014       | W5G F-550 CHASSI     | Ford, F-550V8, 6.7L; Turbo                                             |
| FL    | Active | 2NKHMH7X1FM447712  | KENWORTH      | T370                 | 2015       | T370                 | Kenworth, T370L6, 6.7L                                                 |
| FL    | Active | 2NKHMH7X1FM447713  | KENWORTH      | T370                 | 2015       | T370                 | Kenworth, T370L6, 6.7L                                                 |
| FL    | Active | 1FTFX1EF4EXF40603  | FORD          | F-150                | 2014       | X1E F-150            | Ford, F-150, STX; XL; XLT; Lariat; FX4, V8, 5.0L; FFV                  |
| FL    | Active | 1FDJW5GT8FEC47382  | FORD          | F-550                | 2015       | W5G F-550 CHASSI     | Ford, F-550V8, 6.7L; Turbo                                             |
| FL    | Active | 1FT7W2B66FED19439  | FORD          | F-250                | 2015       | W2B F-250            | Ford, F-250, XL; XLT; Cabela; Lariat, V8, 6.2L; FFV                    |
| FL    | Active | 1FTEW1EF3FKD50761  | FORD          | F-150                | 2015       | W1E F-150            | Ford, F-150, XL; Platinum; XLT; Lariat; King Ranch; FX4, V8, 5.0L; FFV |
| FL    | Active | 1FT7W2B63GEA39642  | FORD          | F-250                | 2016       | W2B F-250            | Ford, F-250, XL; XLT; Cabela; Lariat, V8, 6.2L; FFV                    |
| FL    | Active | 1FT7W2B78GEA39643  | FORD          | F-250                | 2016       | W2B F-250            | Ford, F-250, XL; XLT; Cabela; Lariat, V8, 6.2L; FFV                    |
| FL    | Active | 1FTEW1EF2FKD70385  | FORD          | F-150                | 2015       | W1E F-150            | Ford, F-150, XL; Platinum; XLT; Lariat; King Ranch; FX4, V8, 5.0L; FFV |
| FL    | Active | 1FDUF5GT9GEC87439  | FORD          | F-550                | 2016       | F5G F-550 CHASSI     | Ford, F-550V8, 6.7L; Turbo                                             |
| FL    | Active | 1FTFW1EFXGKE79151  | FORD          | F-150                | 2016       | W1E F-150            | Ford, F-150, XL; Platinum; XLT; Lariat; King Ranch; FX4, V8, 5.0L; FFV |
| FL    | Active | 1FDUF5GT1HDA00862  | FORD          | F-550                | 2017       | F5G F-550 CHASSI     | Ford, F-550V8, 6.7L; Turbo                                             |
| FL    | Active | 2NP2HMTX4HM440905  | PETERBILT     | 337                  | 2017       | 337                  | Peterbilt, 337L6, 6.7L                                                 |
| FL    | New    | T7W2B6 HE          | FORD          | W2B F-250            | 2017       | W2B F-250            | Ford, W2B F-250                                                        |
| FL    | Active | 2NP2HJ7X7GM317967  | PETERBILT     | 337                  | 2016       | 337                  | Peterbilt, 337L6, 8.9L                                                 |
| FL    | Active | 4P7U816283F002800  | LWOLF         | LW16T                | 2003       | LW16T                | Lone Wolf Trailer, Lw16t                                               |
| FL    | Active | 1HTGLATT7TH264343  | INTERNATIONAL | F-2674 SBA           | 1996       | F-2674 SBA           | International, F-2674 Sbal6, 10.3L                                     |
| FL    | Active | 4DYBS182X41024675  | TRAILER       | 18 FT TRAVALONG      | 2004       | 18 FT TRAVALONG      | Liberty, 18 Ft Travalong                                               |
| FL    | Active | 4DYG242891028670   | TRAILER       | GNALRAN20            | 2009       | TRAVALONG 24FT       | Liberty, Gnalran20                                                     |
| FL    | Active | 4DYG242X91028671   | TRAILER       | GNALRAN20            | 2009       | TRAVALONG 24FT       | Liberty, Gnalran20                                                     |
| FL    | Active | 4DYG242X91028685   | TRAILER       | GNALRAN20            | 2009       | TRAVALONG 24FT       | Liberty, Gnalran20                                                     |
| FL    | Active | 1HTMMAALX5H680652  | INTERNATIONAL | 4300                 | 2005       | 4300 4300            | International, 4300L6, 7.6L (466 CID)                                  |
| FL    | Active | 1HTWNAZT26J209860  | INTERNATIONAL | 7500                 | 2006       | SF637 7500 SBA 6X4   | International, 7500L6, 9.3L (570 CID)                                  |
| FL    | Active | 5FEUS14292C007086  | TRL           | UTILITY TRAILER      | 2012       | UTILITY TRAILER      | Tri, Utility Trailer                                                   |
| FL    | Active | 1HTMNAAL67H522793  | INTERNATIONAL | 4300 LP              | 2007       | 4300 4300            | International, 4300 LpL6, 7.6L (466 CID)                               |
| FL    | Active | 1HTMKAAN59H102309  | INTERNATIONAL | 4400                 | 2009       | 4400 4400 SBA 4X2    | International, 4400L6, 7.6L (466 CID)                                  |
| FL    | Active | 1HTMNAAL19H101017  | INTERNATIONAL | 4300 LP              | 2009       | 4300 4300            | International, 4300 LpL6, 7.6L (466 CID)                               |
| FL    | Active | 1B9UP13188M274128  | BROOKS        | BROS UTILITY TRLR    | 2008       | BROS UTILITY TRLR    | Brooks Brothers Trailers, Bros Utility Trlr                            |
| FL    | Active | 1HTMNAALX9H143900  | INTERNATIONAL | 4300 LP              | 2009       | 4300 SB 4300 SBA 4X2 | International, 4300 LpL6, 7.6L (466 CID)                               |
| FL    | Active | 1HTMMAAN05H121063  | INTERNATIONAL | 4300                 | 2005       | 4300 4300            | International, 4300L6, 7.6L (466 CID)                                  |
| FL    | Active | 1HTMMAAN25H121064  | INTERNATIONAL | 4300                 | 2005       | 4300 4300            | International, 4300L6, 7.6L (466 CID)                                  |
| FL    | Active | 1HTWNAZT8AJ224694  | INTERNATIONAL | 7500                 | 2010       | SF637 7500 SBA 6X4   | International, 7500L6, 9.3L (570 CID)                                  |
| FL    | Active | 1HTMNAAL4BH319216  | INTERNATIONAL | DURASTAR 4300        | 2011       | 4300 SB 4300 SBA 4X2 | International, Durastar 4300L6, 7.6L (466 CID)                         |
| FL    | Active | 1B9UP1314AM274018  | BROOKS        | BROS UTILITY TRAILER | 2010       | BROS UTILITY TRAILER | Brooks Brothers Trailers, Bros Utility Trailer                         |
| FL    | Active | 1HTMNAAL7BH377532  | INTERNATIONAL | DURASTAR 4300        | 2011       | 4300 SB 4300 SBA 4X2 | International, Durastar 4300L6, 7.6L (466 CID)                         |
| FL    | Active | 2NKHMH7X7FM425876  | KENWORTH      | T370                 | 2015       | T270-T370            | Kenworth, T370L6, 6.7L                                                 |
| FL    | Active | 1FDUF5GT4EEB45870  | FORD          | F-550                | 2014       | F5G F-550 CHASSI     | Ford, F-550V8, 6.7L; Turbo                                             |

|    |        |                   |               |      |                 |                      |                                                |
|----|--------|-------------------|---------------|------|-----------------|----------------------|------------------------------------------------|
| FL | Active | 16VGX2022E2048008 | BIG TEX TR    | 2014 |                 |                      | Big Tex Trailer                                |
| FL | Active | 2NP3LJ0X8GM365376 | PETERBILT     | 2016 | 348             |                      | Peterbilt, 348L6, 8.9L                         |
| FL | Active | 1FTRS4XG2GKA01225 | FORD          | 2016 |                 | TRANSIT VAN          | Ford, Transit Van, Base, V6, 3.5L; Turbo       |
| WO | Active | 10450             | TOYOTA        | 2004 | 425FGC25        |                      | Toyota, 425fgc25                               |
| DV | Active |                   | MISCELLAN     | 2003 |                 | KELLER TRIP PERMITS  | Miscellan, Keller Trip Permits                 |
| WO | Active | 81J9938           | CATERPILLA    | 1979 | 950             |                      | Caterpilla, 950                                |
| FL | Active | 1B9US16203M274037 | TRAILER       | 2003 |                 | SL-162-E BROOKS BROS | Brooks Brothers Trailers, SL-162-E Brooks Bros |
| FL | Active | 1B9US16235M274147 | BROOKS BRO    | 2005 |                 | CHP TRAILER          | Brooks Brothers Trailers, Chp Trailer          |
| FL | Active | 1HTHCADROYH312098 | INTERNATIONAL | 2000 | 8100            |                      | International, F-8100L6, 8.7L (530 CID)        |
| FL | Active | 1HTGLAET01H354900 | INTERNATIONAL | 2000 | 2674            |                      | International, F-2674 Sbal6, 14.0L (855 CID)   |
| WO | Active | 40427             | KOMATSU       | 1999 | FD70T7          |                      | Komatsu, Fd70t7                                |
| FL | Active | 789884            | EQUIPMENT     | 2000 | 520 JCB LOADALL |                      | Equipment, 520 Job Loadall                     |
| FL | Active | 2FZHATDC04AL06490 | STERLING      | 2004 | L7500 SERIES    |                      | Sterling, L7500 SeriesL6, 7.2L (439 CID)       |

**QUALIFICATIONS AND REFERENCES****(THIS PAGE MUST BE COMPLETED AND SUBMITTED)**

The Bidder (Company) shall have been in **COMMERCIAL CONSTRUCTION BUSINESS WITH EXPERIENCE** in projects involving water distribution infrastructure or other similar structures. Bidder shall demonstrate successful completion of a minimum of four (4) projects completed within the past five (5) years of similar size and scope to the **INFLOW AND INFILTRATION REHABILITATION**.

1. Business/Customer Name: Hillsborough County

Name of Contact Person/Title: Jim Hunsberger - Project Manager

Telephone# 813-375-2089 Fax \_\_\_\_\_ E-mail hunsbergerj@hillsboroughcounty.org

Address 925 Twiggs St, Tampa FL 33602

Phone Number \_\_\_\_\_

Duration of Contract or business relationship 2 years

Type of Services Provided CIPP, Clean/CCTV, Lateral Lining

Contract Period: FROM 01-20-2015 TO 11-11-2016

Contract Price \$ \$2,719,477 Contract Price at Completion of the Project \$ 2,081,026.00

2. Business/Customer Name: City of Oakland Park, FL

Name of Contact Person/Title: Chris Lipps

Telephone# 954-630-4441 Fax 954-630-4404 E-mail chrisl@oaklandparkfl.gov

Address 5100 NE 12th Terr, Oakland Park FL 33334

Phone Number \_\_\_\_\_

Duration of Contract or business relationship 07-11-2012 to 09-06-201

Type of Services Provided CIPP, Clean/CCTV, Laterals

3. Business/Customer Name: City of Cocoa Beach

Name of Contact Person/Title: Jack Shelton

Date: March 20, 2018

Signed (Person authorized to bind the company): 

**RFB NO. 2018-41 INFLOW AND INFILTRATION REHABILITATION**

Name (printed): Diane Partridge Title: Contracting and Attesting Officer  
**(THIS PAGE MUST BE COMPLETED AND SUBMITTED)**

Telephone# 321-433-8400 Fax \_\_\_\_\_ E-mail jshelton@cityofcocoabeach.com

Address 375 N. Cocoa Ave, Cocoa Beach, FL 32922

Contract Period: FROM 08-12-2014 TO 03-31-2016

Contract Price \$ \$3,213,067.00 Contract Price at Completion of the Project \$ \$3,408,865.00

Phone Number \_\_\_\_\_

Duration of Contract or business relationship 2014 thru 2016

Type of Services Provided CIPP 76,211 ft of lining, Clean/CCTV,

Contract Period: FROM 08/12/14 TO 03/31/16

Contract Price \$ \$3,213,067.00 Contract Price at Completion of the Project \$ \$3,408,865.00

4. Business/Customer Name: Miami Dade Water & Sewer Contract S-866

Name of Contact Person/Title: Dalia Abrahante

Telephone# 786-552-8233 Fax \_\_\_\_\_ E-mail dalia.abrahante@miamidade.gov

Address 3071 SW 38th Ave, Miami FL 33173

Phone Number 786-552-8233

Duration of Contract or business relationship 07/20/2015 to present

Type of Services Provided CIPP, Clean/CCTV

Contract Period: FROM 09/20/15 TO 7/2017

Contract Price \$ \$5,910,000.00 Contract Price at Completion of the Project \$ \$6,000,000.00

Date: March 20, 2018

Signed (Person authorized to bind the



company): Name (printed): Diane Partridge Title: Contracting and Attesting Officer

**(THIS PAGE MUST BE COMPLETED AND SUBMITTED)**

## STATEMENT OF ORGANIZATION

## (Information Sheet for Transactions and Conveyances Corporation Identification)

The following information will be provided to the City of North Port for incorporation in legal documents. It is; therefore, vital all information is accurate and complete. Please be certain all spelling, and capitalization is exactly as registered with the state or federal government.

Company Name Insituform Technologies, LLC

(636) 530-8000 dpartridge@aegion.com (636) 530-8701

Telephone # E-Mail Fax #

17988 Edison Avenue

Main Office Address

Chesterfield MO 63005

City State Zip Code

Address of Office Servicing City of North Port, if different than above: ☐ SAME AS ABOVE

3016 US HWY 301 N

Office Address

Tampa FL 33619

City State Zip Code

(813) 627-0007 bgerber@aegion.com

Telephone # E-mail Fax #

Brandon Gerber, Project Manager

Name & Title of Firm Representative

Federal Identification Number: 13-3032158

Bidder shall submit proof that it is authorized to do business in the State of Florida unless registration is not required by law.

Is this a Florida Corporation: (Please Check One)  
☐ Yes or ☒ No

If not a Florida Corporation,  
 In what state was it created: Delaware  
 Name as spelled in that State: Insituform Technologies, LLC  
 What kind of corporation is it: ☒ "For Profit" or ☐ "Not for Profit"

REF NO. 2018-41 INFLOW AND INFILTRATION REHABILITATION

Is it in good standing:

☒ Yes

or

☐ No

Authorized to transact business  
in Florida:

☒ Yes

or

☐ No

State of Florida Department of State Certificate of Authority Document No.: M12000000304

Does it use a registered fictitious name:

☐ Yes

or

☒ No

Names of Officers:

President: See attached List of Officers

Secretary: \_\_\_\_\_

Vice President: \_\_\_\_\_ Treasurer: \_\_\_\_\_

Director: \_\_\_\_\_ Director: \_\_\_\_\_

Other: \_\_\_\_\_ Other: \_\_\_\_\_

Name of Corporation (As used in Florida):

Insituform Technologies, LLC

(Spelled exactly as it is registered with the state or federal government)

Corporate Address:

Post Office Box: \_\_\_\_\_

City, State Zip: \_\_\_\_\_

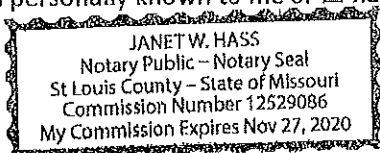
Street Address: 17988 Edison Avenue

City, State, Zip: Chesterfield, MO 63005

STATE OF MISSOURI

COUNTY OF ST. LOUIS

Sworn to and subscribed before me this 20th day of March, 2018, by Diane Partridge, Contracting and Attesting Officer who is personally known to me or ☐ has produced his/her driver's license as identification.



Notary Public - State of ~~Florida~~ Missouri

Print Name: Janet Hass

Commission No: 12529086

Date: March 20, 2018

Signed (Person authorized to bind the company): Diane Partridge

Name (printed): Diane Partridge Title: Contracting and Attesting Officer

(THIS PAGE MUST BE COMPLETED AND SUBMITTED)





**Insituform**  
Technologies, LLC

*Insituform Technologies, LLC is a subsidiary of Aegion Corporation*

**INSITUFORM TECHNOLOGIES, LLC**  
**BOARD OF MANAGERS AND OFFICERS**  
(Current as of January 22, 2018)

| <u><b>BOARD OF MANAGERS</b></u> |                           |
|---------------------------------|---------------------------|
| <b>Charles R. Gordon</b>        | Member, Board of Managers |
| <b>David F. Morris</b>          | Member, Board of Managers |

| <u><b>OFFICERS</b></u> |                                                                        |
|------------------------|------------------------------------------------------------------------|
| <u>Name</u>            | <u>Office</u>                                                          |
| Frank R. Firsching     | – President                                                            |
| David F. Morris        | – Executive Vice President, Chief Administrative Officer and Secretary |
| Stephen Callahan       | – Senior Vice President                                                |
| Kenneth L. Young       | – Senior Vice President and Treasurer                                  |
| Mark A. Menghini       | – Senior Vice President and Assistant Secretary                        |
| Dawn Landmann          | – Senior Vice President – Tax                                          |
| Daniel P. Schoenekase  | – Vice President, General Counsel and Assistant Secretary              |
| Sonya Jenkins          | – Vice President, Human Resources                                      |
| Dennis Pivin           | – Vice President – Safety                                              |
| Larry Mangels          | – Vice President and Chief Financial Officer                           |
| H. Douglas Thomas      | – Vice President                                                       |
| April A. Greer         | – Vice President and Assistant Secretary                               |

| <u><b>CONTRACTING AND ATTESTING OFFICERS</b></u> |
|--------------------------------------------------|
| Christlanda Adkins                               |
| Laura M. Andreski                                |
| Janet Hass                                       |
| Jana Lause                                       |
| Diane Partridge                                  |
| Whittney Schulte                                 |
| Ursula Youngblood                                |

**Business Address for Officers and Board of Managers:**  
17988 Edison Avenue  
Chesterfield, MO 63005

**CONFLICT OF INTEREST FORM**

F.S. §112.313 places limitations on public officers (including advisory board members) and employees' ability to contract with the City either directly or indirectly. Therefore, please indicate if the following applies:

**PART I.**

- ☐ I am an employee, public officer or advisory board member of the City  
\_\_\_\_\_ (List Position Or Board)
- ☐ I am the spouse or child of an employee, public officer or advisory board member of the City  
Name: \_\_\_\_\_
- ☐ An employee, public officer or advisory board member of the City, or their spouse or child, is an officer, partner, director, or proprietor of Respondent or has a material interest in Respondent. "Material interest" means direct or indirect ownership of more than 5 percent of the total assets or capital stock of any business entity. For the purposes of [§112.313], indirect ownership does not include ownership by a spouse or minor child.  
Name: \_\_\_\_\_
- ☐ Respondent employs or contracts with an employee, public officer or advisory board member of the City  
Name: \_\_\_\_\_
- ☒ None of The Above

**PART II:**

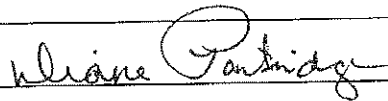
Are you going to request an advisory board member waiver?

- ☐ I will request an advisory board member waiver under §112.313(12)
- ☐ I will NOT request an advisory board member waiver under §112.313(12)
- ☒ N/A

The City shall review any relationships which may be prohibited under the Florida Ethics Code and will disqualify any bidders whose conflicts are not waived or exempt.

Date: March 20, 2018

Signed (Person authorized to bind the company):



Name (printed): Diane Partridge

Title: Contracting and Attesting Officer

This page to be returned only if Contractor is claiming a North Port Local Business Status  
(THIS PAGE MUST BE COMPLETED AND SUBMITTED)

## PUBLIC ENTITY CRIME INFORMATION

As provided by F.S. §287.133, a person or affiliate who has been placed on the convicted vendor list following a conviction for a public entity crime may not submit a bid on a contract to provide any goods or services to a public entity, may not submit a bid on a contract with a public entity for the construction or repair of a public building or public work, may not submit bids on leases of real property to a public entity, may not be awarded or perform work as a Contractor, supplier, Subcontractor, or Consultant under a contract with any public entity, and may not transact business with any public entity in excess of the threshold amount provided in Section 287, for CATEGORY TWO for a period of 36 months from the date of being placed on the convicted vendor list.

I, Diane Partridge, Contracting and Attesting Officer, being an authorized representative of the Respondent Insituform Technologies, LLC,

Located at: 17988 Edison Avenue

City: Chesterfield State: MO Zip Code: 63005, have read and understand the contents above. I further certify that Respondent is not disqualified from replying to this solicitation because of F.S. §287.133.

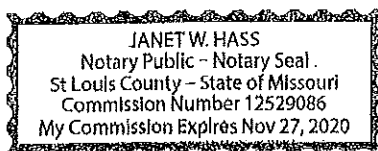
Signature: *Diane Partridge* Date: March 20, 2018  
Diane Partridge, Contracting and Attesting Officer  
 Telephone #: (636) 530-8000 Fax #: (636) 530-8701  
 Federal ID #: 13-3032158 E-mail: dpartridge@aegion.com

State of Missouri

County of St. Louis

Sworn to and subscribed before me this 20th day of March, 2018, by Diane Partridge who ☒ is personally known to me or ☐ has produced his driver's license as identification.

NOTARY SEAL:



*Janet W. Hass*  
 Notary Public - State of ~~Florida~~ Missouri  
 Print Name: Janet Hass  
 Commission No: 12529086

Date: March 20, 2018

Signed (Person authorized to bind the company): *Diane Partridge*

Name (printed): Diane Partridge Title: Contracting and Attesting Officer

(THIS PAGE MUST BE COMPLETED AND SUBMITTED)

**DRUG FREE WORKPLACE FORM**

The undersigned Respondent in accordance with Florida Statute §287.087 hereby certifies that  
Insituform Technologies, LLC does:

(Company Name)

1. Publish a statement notifying employees that the unlawful manufacture, distribution, dispensing, possession, or use of a controlled substance is prohibited in the workplace and specifying the actions that will be taken against employees for violations of such prohibition.
2. Inform employees about the dangers of drug abuse in the workplace, the business's policy of maintaining a drug free workplace, any available drug counseling, rehabilitation, and employee assistance programs, and the penalties that may be imposed upon employees for drug abuse violations.
3. Give each employee engaged in providing the commodities or contractual services that are under bid a copy of the statement specified in subsection (1).
4. In the statement specified in subsection (1), notify the employees that, as a condition of working on the commodities or contractual services that are under bid, the employee will abide by the terms of the statement and will notify the employer of any conviction of, or plea of guilty or nolo contendere to, any violation of Chapter 893 or of any controlled substance law of the United States or any state, for a violation occurring in the workplace no later than five (5) days after such conviction.
5. Impose a sanction on, or require the satisfactory participation in a drug abuse assistance or rehabilitation program if such is available in the employee's community, by any employee who is so convicted.
6. Make a good faith effort to continue to maintain a drug free workplace through implementation of this section.

As the person authorized to sign the statement, I certify that Respondent complies fully with the above requirements.

**Check one:**

- ☒ As the person authorized to sign this statement, I certify that this firm complies fully with above requirements.
- ☐ As the person authorized to sign this statement, this firm **does not** comply fully with the above requirements.

Nelson Pontledge

Diane Partridge  
Contracting and Attesting Officer

Print Name \_\_\_\_\_

March 20, 2018

Date \_\_\_\_\_

(THIS PAGE MUST BE COMPLETED AND SUBMITTED)

**AFFIDAVIT**

**Claiming Status as a LOCAL BUSINESS (NOT APPLICABLE FOR THIS PROJECT)**

**\*\*CONTRACTOR MUST MEET ALL 4 REQUIREMENTS BELOW TO CLAIM LOCAL BUSINESS STATUS\*\***

State of \_\_\_\_\_ }  
County of \_\_\_\_\_ } SS.

Before me, the undersigned authority, personally appeared:

\_\_\_\_\_  
who, being first duly sworn, deposes and says that:

1. I am the \_\_\_\_\_ (Owner, Partner, Officer, Representative or Agent) of \_\_\_\_\_, the Bidder that has submitted the attached proposal;

**AND**

2. I am fully informed respecting the operation and employees of the Bidder;

**AND**

3. I affirm that the Bidder has maintained a physical business address located within the limits of Sarasota County, Charlotte County or Desoto County for a period of six (6) months or more before submitting this bid, from which the Bidder operates or performs business. The qualifying local address is \_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

**AND**

4. I affirm that at least fifty percent (50%) of the Bidder's employees are residents of the City of North Port. If requested by the City, the bidder will be required to provide documentation substantiating the information given in this affidavit. City of North Port reserves the right to request supporting documentation as evidence to substantiate the information given in this affidavit. Failure to do so will result in the bidder's submission being deemed non-responsive.

**Any bidder that misrepresents its status as a local business or North Port local business shall be barred from receiving any City contracts for a period of three (3) years.**

State of Florida  
County of \_\_\_\_\_

Sworn to and subscribed before me this \_\_\_\_\_ day of \_\_\_\_\_, 20\_\_\_\_, by \_\_\_\_\_ who ☐ is personally known to me or ☐ has produced his driver's license as identification.

NOTARY SEAL:

\_\_\_\_\_  
Notary Public - State of Florida

Print Name: \_\_\_\_\_

Commission No: \_\_\_\_\_

This page to be returned **ONLY** if Contractor is claiming a **Local Business Status**.

**{THIS PAGE MUST BE COMPLETED AND SUBMITTED}**

**AFFIDAVIT**

**~~Claiming Status as a North Port Local Business~~ (NOT APPLICABLE FOR THIS PROJECT)**

**\*\*CONTRACTOR MUST MEET ALL 4 REQUIREMENTS BELOW TO CLAIM NORTH PORT BUSINESS STATUS\*\***

State of \_\_\_\_\_ }  
County of \_\_\_\_\_ } SS.

Before me, the undersigned authority, personally appeared:

\_\_\_\_\_ who, being first duly sworn, deposes and says that:

1. I am the \_\_\_\_\_ (Owner, Partner, Officer, Representative or Agent) of \_\_\_\_\_, the Bidder that has submitted the attached bid;

**AND**

2. I am fully informed respecting the operation and employees of the Bidder;

**AND**

3. I affirm that the Bidder has maintained its primary physical business address within the limits of the City of North Port for a period of six (6) months or more before submitting this bid, from which the Bidder operates or performs business. The qualifying local address is

\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

**AND**

4. I affirm that at least fifty percent (50%) of the Bidder's employees are residents of the City of North Port.

If requested by the City, the bidder will be required to provide documentation substantiating the information given in this affidavit. City of North Port reserves the right to request supporting documentation as evidence to substantiate the information given in this affidavit. Failure to do so will result in the bidder's submission being deemed non-responsive.

**Any bidder that misrepresents its status as a local business or North Port local business shall be barred from receiving any City contracts for a period of three (3) years.**

State of Florida

County of \_\_\_\_\_

Sworn to and subscribed before me this \_\_\_\_\_ day of \_\_\_\_\_, 20\_\_\_\_, by \_\_\_\_\_ who ☐ is personally known to me or ☐ has produced his driver's license as identification.

NOTARY SEAL:

\_\_\_\_\_  
Notary Public - State of Florida  
Print Name: \_\_\_\_\_  
Commission No: \_\_\_\_\_

This page to be returned **ONLY** if Contractor is claiming a North Port Local Business Status.  
~~(THIS PAGE MUST BE COMPLETED AND SUBMITTED)~~

**SWORN STATEMENT: THE FLORIDA TRENCH SAFETY ACT**  
(Complete if applicable)

THIS FORM MUST BE SIGNED IN THE PRESENCE OF A NOTARY PUBLIC BY AN OFFICER AUTHORIZED TO ADMINISTER OATHS.

1. This Sworn Statement is submitted with Bid No. 2018-41 for the construction of \_\_\_\_\_  
Inflow and Infiltration Rehabilitation
2. This Sworn Statement is submitted by Insituform Technologies, LLC whose business address is  
17988 Edison Avenue, Chesterfield, MO 63005 and (if applicable) its Federal Employer Identification  
Number (FEIN) is 13-3032158.
3. My name is Diane Partridge  
(PRINTED OR TYPED NAME OF INDIVIDUAL SIGNING) and hold the position of Contracting and  
Attesting Officer with the above entity.
4. The Trench Safety Standards that will be in effect during the construction of this Project are Florida Statute Section  
553.60-55.64, Trench Safety Act, and OSHA Standard.
5. The undersigned assures that the entity will comply with the applicable Trench Safety Standards and agrees to  
indemnify and hold harmless the County and ENGINEER, and any of their agents or employees from any claims  
arising from the failure to comply with said standard.
6. The undersigned has appropriated \$ 1.00 per linear foot of trench to be excavated over 5' deep  
for compliance with the applicable standards and intends to comply by instituting the following procedures: \_\_\_\_\_
7. The undersigned has appropriated \$ 1.00 per square foot for compliance with shoring safety  
requirements and intends to comply by instituting the following procedures:  
\_\_\_\_\_
8. The undersigned, in submitting this Bid, represents that he or she has reviewed and considered all available  
geotechnical information and made such other investigations and tests as he or she may deem necessary to  
adequately design the trench safety system(s) he or she will utilize on this Project.

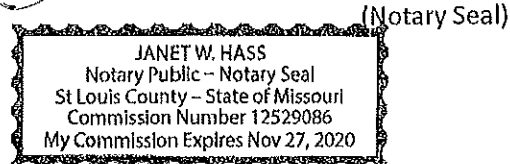
Diane Partridge  
Authorized Signature/Title  
Diane Partridge, Contracting and Attesting Officer

Sworn to and subscribed before me

this March 20, 2018  
(date)

Janet W. Hass  
Notary Public Signature

My Commission Expires: 11/27/20



(THIS PAGE MUST BE COMPLETED AND SUBMITTED)

## LOBBYING CERTIFICATION

"The undersigned hereby certifies, to the best of his or her knowledge and belief, that":

STATE OF MISSOURI

COUNTY OF ST. LOUIS

This 20th day of March of 201~~8~~<sup>8</sup> Diane Partridge, being first duly sworn, deposes and says that he or she is the authorized representative of Insituform Technologies, LLC (Name of the contractor, firm or individual), and that the vendor and any of its agents agree to have no contact or communication with, or discuss any matter related in any way to an active City of North Port solicitation, with any City of North Port elected officials, officers, their appointees or their agents or any other staff or outside individuals working with the city in respect to this request other than the designated Procurement Official and to abide by the restrictions outlined in the General Terms and Conditions of the Solicitation. Technical question directed to the project manager, is prohibited. These persons shall not be lobbied, either individually or collectively, regarding any questions for bid, proposal, qualification and/or any other solicitations released by the city. To do so is grounds for immediate disqualification from the selection process. The selection process is not considered final until such a time as the Commission has made a final and conclusive determination.

- (a) No City appropriated funds have been paid or will be paid, by or on behalf of the undersigned, to any person for influencing or attempting to influence either directly or indirectly an officer or employee of the City, City Commission in connection with the awarding of any City Contract.
- (b) If any funds other than City appropriated funds have been paid or will be paid to any person for influencing or attempting to influence a member of City Commission or an officer or employee of the City in connection with this contract, the undersigned shall complete and submit Standard Form-L "Disclosure Form to Report Lobbying", in accordance with its instructions.

Signed, sealed and delivered this 20th day of March, 2018.

By: Diane Partridge

Diane Partridge

(Printed Name)

Contracting and Attesting Officer

(Title)

STATE OF MISSOURI  
COUNTY OF ST. LOUIS

Sworn to and subscribed before me this 20th day of March, 2018, by Diane Partridge who ☒ is personally known to me or ☐ has produced his/her driver's license as identification.

Notary Public - State of Missouri

Print Name: Janet Hass

Commission No: 12529086

(THIS PAGE MUST BE COMPLETED AND SUBMITTED)





STATE OF FLORIDA  
DEPARTMENT OF BUSINESS AND PROFESSIONAL REGULATION

CONSTRUCTION INDUSTRY LICENSING BOARD  
2601 BLAIR STONE ROAD  
TALLAHASSEE FL 32399-0783

(850) 487-1395

HOWTON, RICHARD TAYLOR  
INSITUFORM TECHNOLOGIES LLC  
20 FOX CHASE  
SUITE B  
CARTERSVILLE GA 30120

Congratulations! With this license you become one of the nearly one million Floridians licensed by the Department of Business and Professional Regulation. Our professionals and businesses range from architects to yacht brokers, from boxers to barbeque restaurants, and they keep Florida's economy strong.

Every day we work to improve the way we do business in order to serve you better. For information about our services, please log onto [www.myfloridalicense.com](http://www.myfloridalicense.com). There you can find more information about our divisions and the regulations that impact you, subscribe to department newsletters and learn more about the Department's initiatives.

Our mission at the Department is: License Efficiently, Regulate Fairly. We constantly strive to serve you better so that you can serve your customers. Thank you for doing business in Florida, and congratulations on your new license!



STATE OF FLORIDA  
DEPARTMENT OF BUSINESS AND  
PROFESSIONAL REGULATION

CGC061125 ISSUED 08/07/2016

CERTIFIED GENERAL CONTRACTOR  
HOWTON, RICHARD TAYLOR  
INSITUFORM TECHNOLOGIES LLC

IS CERTIFIED under the provisions of Ch. 489 FS.  
Expiration date : AUG 31, 2018 L1608070002611

DETACH HERE

RICK SCOTT, GOVERNOR

KEN LAWSON, SECRETARY

STATE OF FLORIDA  
DEPARTMENT OF BUSINESS AND PROFESSIONAL REGULATION  
CONSTRUCTION INDUSTRY LICENSING BOARD

LICENSE NUMBER

CGC061125

The GENERAL CONTRACTOR  
Named below IS CERTIFIED  
Under the provisions of Chapter 489 FS.  
Expiration date: AUG 31, 2018

HOWTON, RICHARD TAYLOR  
INSITUFORM TECHNOLOGIES LLC  
17988 EDISON AVENUE  
CHESTERFIELD MO 63005



ISSUED: 08/07/2016

DISPLAY AS REQUIRED BY LAW

SEQ # L1608070002611



FLORIDA DEPARTMENT OF STATE  
Division of Corporations

January 18, 2012

BECKY PEIRCE  
CSC  
TALLAHASSEE, FL

Qualification documents for INSITUFORM TECHNOLOGIES, LLC were filed on January 18, 2012, and assigned document number M12000000304. Please refer to this number whenever corresponding with this office.

Your limited liability company is authorized to transact business in Florida as of the file date.

To maintain "active" status with the Division of Corporations, an annual report must be filed yearly between January 1st and May 1st beginning in the year following the file date or effective date indicated above. If the annual report is not filed by May 1st, a \$400 late fee will be added.

A Federal Employer Identification Number (FEI/EIN) will be required when this report is filed. Contact the IRS at 1-800-829-4933 for an SS-4 form or go to [www.irs.gov](http://www.irs.gov).

Please notify this office if the limited liability company address changes.

Should you have any questions regarding this matter, please contact this office at the address given below.

Buck Kohr  
Regulatory Specialist II  
Registration/Qualification Section  
Division of Corporations

Letter Number: 712A00001262

Account number: I20000000195

Amount charged: 125.00

[www.sunbiz.org](http://www.sunbiz.org)

Division of Corporations - P.O. BOX 6327 -Tallahassee, Florida 32314

FILED  
STATE  
DIVISION OF CORPORATIONS  
12 JAN 18 PM 03 50

APPLICATION BY FOREIGN LIMITED LIABILITY COMPANY FOR AUTHORIZATION TO  
TRANSACTION BUSINESS IN FLORIDA

IN COMPLIANCE WITH SECTION 608.503, FLORIDA STATUTES, THE FOLLOWING IS SUBMITTED TO REGISTER A FOREIGN  
LIMITED LIABILITY COMPANY TO TRANSACTION BUSINESS IN THE STATE OF FLORIDA:

1. INSITUFORM TECHNOLOGIES, LLC

(Name of Foreign Limited Liability Company; must include "Limited Liability Company," "L.L.C.," or "LLC.")

(If name unavailable, enter alternate name adopted for the purpose of transacting business in Florida and attach a copy of the written consent of the managers or managing members adopting the alternate name. The alternate name must include "Limited Liability Company," "L.L.C.," "LLC.")

2. DE

(Jurisdiction under the law of which foreign limited liability company is organized)

3.

(FEI number, if applicable)

4. 03/27/1980

(Date of Organization)

5. Perpetual

(Duration: Year limited liability company will cease to exist or "perpetual")

6. Upon Filing

(Date first transacted business in Florida, if prior to registration.)  
(See sections 608.501 & 608.502 F.S. to determine penalty liability)

7. 17988 Edison Ave. Chesterfield MO 63005

(Street Address of Principal Office)

8. If limited liability company is a manager-managed company, check here ☒

9. The name and usual business addresses of the managing members or managers are as follows:

Joe Burgess 17988 Edison Ave. Chesterfield MO 63005

David Martin 17988 Edison Ave. Chesterfield MO 63005

David F. Morris 17988 Edison Ave. Chesterfield MO 63005

10. Attached is an original certificate of existence, no more than 90 days old, duly authenticated by the official having custody of records in the jurisdiction under the law of which it is organized. (A photocopy is not acceptable. If the certificate is in a foreign language, a translation of the certificate under oath of the translator must be submitted.)

11. Nature of business or purposes to be conducted or promoted in Florida:

Any lawful business, purpose or activity.

Signature of a member or an authorized representative of a member.

(In accordance with section 608.408(3), F.S., the execution of this document constitutes an affirmation under the penalties of perjury that the facts stated herein are true. I am aware that any false information submitted in a document to the Department of State constitutes a third degree felony as provided for in s.817.155, F.S.)

David F. Morris, Manager

Typed or printed name of signee

**CERTIFICATE OF DESIGNATION OF  
REGISTERED AGENT/REGISTERED OFFICE**

PURSUANT TO THE PROVISIONS OF SECTION 608.415 or 608.507, FLORIDA STATUTES, THE  
UNDERSIGNED LIMITED LIABILITY COMPANY SUBMITS THE FOLLOWING STATEMENT  
TO DESIGNATE A REGISTERED OFFICE AND REGISTERED AGENT IN THE STATE OF  
FLORIDA.

1. The name of the Limited Liability Company is:

Insituform Technologies, LLC

If unavailable, the alternate to be used in the state of Florida is:

2. The name and the Florida street address of the registered agent and office are:

Corporation Service Company

(Name)

1201 Hays Street

Florida Street Address (P.O. Box NOT ACCEPTABLE)

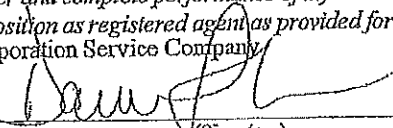
Tallahassee

FL 32301

City/State/Zip

*Having been named as registered agent and to accept service of process for the above stated limited liability company at the place designated in this certificate, I hereby accept the appointment as registered agent and agree to act in this capacity. I further agree to comply with the provisions of all statutes relating to the proper and complete performance of my duties, and I am familiar with and accept the obligations of my position as registered agent as provided for in Chapter 608, Florida Statutes.*

Corporation Service Company

By: 

(Signature)

Dawn Frantz, Assistant Secretary

\$ 100.00 Filing Fee for Application  
\$ 25.00 Designation of Registered Agent  
\$ 30.00 Certified Copy (optional)  
\$ 5.00 Certificate of Status (optional)

# Delaware

PAGE 1

## *The First State*

I, JEFFREY W. BULLOCK, SECRETARY OF STATE OF THE STATE OF DELAWARE, DO HEREBY CERTIFY "INSITUFORM TECHNOLOGIES, LLC" IS DULY FORMED UNDER THE LAWS OF THE STATE OF DELAWARE AND IS IN GOOD STANDING AND HAS A LEGAL EXISTENCE SO FAR AS THE RECORDS OF THIS OFFICE SHOW, AS OF THE SEVENTEENTH DAY OF JANUARY, A.D. 2012.

AND I DO HEREBY FURTHER CERTIFY THAT THE SAID "INSITUFORM TECHNOLOGIES, LLC" WAS FORMED ON THE TWENTY-SEVENTH DAY OF MARCH, A.D. 1980.

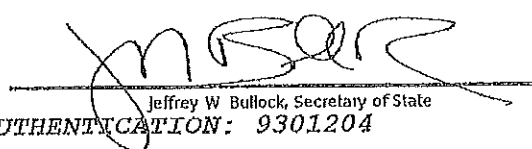
AND I DO HEREBY FURTHER CERTIFY THAT THE ANNUAL TAXES HAVE BEEN PAID TO DATE.

0889565 8300

120055464

You may verify this certificate online  
at [corp.delaware.gov/authver.shtml](http://corp.delaware.gov/authver.shtml)



  
Jeffrey W. Bullock, Secretary of State  
AUTHENTICATION: 9301204

DATE: 01-17-12

# Delaware

PAGE 1

## The First State

I, JEFFREY W. BULLOCK, SECRETARY OF STATE OF THE STATE OF DELAWARE DO HEREBY CERTIFY THAT THE ATTACHED IS A TRUE AND CORRECT COPY OF THE CERTIFICATE OF CONVERSION OF A DELAWARE CORPORATION UNDER THE NAME OF "INSITUFORM TECHNOLOGIES, INC." TO A DELAWARE LIMITED LIABILITY COMPANY, CHANGING ITS NAME FROM "INSITUFORM TECHNOLOGIES, INC." TO "INSITUFORM TECHNOLOGIES, LLC", FILED IN THIS OFFICE ON THE THIRTIETH DAY OF DECEMBER, A.D. 2011, AT 11:28 O'CLOCK A.M.

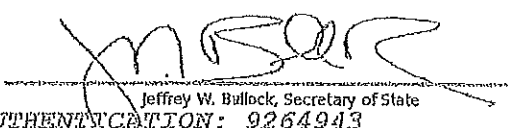
AND I DO HEREBY FURTHER CERTIFY THAT THE EFFECTIVE DATE OF THE AFORESAID CERTIFICATE OF CONVERSION IS THE THIRTY-FIRST DAY OF DECEMBER, A.D. 2011, AT 11:58 O'CLOCK P.M.



0889565 '8100V

111355498

You may verify this certificate online  
at [corp.delaware.gov/authver.shtml](http://corp.delaware.gov/authver.shtml)

  
Jeffrey W. Bullock, Secretary of State  
AUTHENTICATION: 9264943

DATE: 12-30-11

State of Delaware  
Secretary of State  
Division of Corporations  
Delivered 11:40 AM 12/30/2011  
FILED 11:28 AM 12/30/2011  
SRV 111355498 - 0889565 FILE

STATE OF DELAWARE  
CERTIFICATE OF CONVERSION  
FROM A CORPORATION TO A  
LIMITED LIABILITY COMPANY PURSUANT TO  
SECTION 18-214 OF THE LIMITED LIABILITY COMPANY ACT

- 1.) The jurisdiction where the Corporation first formed is Delaware.
- 2.) The jurisdiction immediately prior to filing this Certificate is Delaware.
- 3.) The date the Corporation first formed is March 27, 1980.
- 4.) The name of the Corporation immediately prior to filing this Certificate is  
Insituform Technologies, Inc.
- 5.) The name of the Limited Liability Company as set forth in the Certificate of Formation  
is Insituform Technologies, LLC.
- 6.) The effective time of the conversion shall be 11:58 p.m. EST on December 31, 2011.

IN WITNESS WHEREOF, the undersigned has executed this Certificate on the 27<sup>th</sup> day of  
December, 2011.

INSITUFORM TECHNOLOGIES, INC.

By: April A. Greer  
April A. Greer  
Assistant Secretary

# Delaware

PAGE 2

## The First State

I, JEFFREY W. BULLOCK, SECRETARY OF STATE OF THE STATE OF DELAWARE DO HEREBY CERTIFY THAT THE ATTACHED IS A TRUE AND CORRECT COPY OF CERTIFICATE OF FORMATION OF "INSITUFORM TECHNOLOGIES, LLC" FILED IN THIS OFFICE ON THE THIRTIETH DAY OF DECEMBER, A.D. 2011, AT 11:28 O'CLOCK A.M.

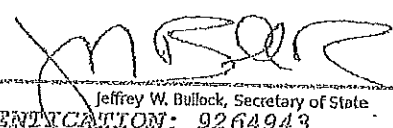
AND I DO HEREBY FURTHER CERTIFY THAT THE EFFECTIVE DATE OF THE AFORESAID CERTIFICATE OF FORMATION IS THE THIRTY-FIRST DAY OF DECEMBER, A.D. 2011, AT 11:58 O'CLOCK P.M.



0889565 8100V

111355498

You may verify this certificate online  
at [corp.delaware.gov/authver.shtml](http://corp.delaware.gov/authver.shtml)

  
Jeffrey W. Bullock, Secretary of State  
AUTHENTICATION: 9264943

DATE: 12-30-11



State of Delaware  
Secretary of State  
Division of Corporations  
Delivered 11:40 AM 12/30/2011  
FILED 11:28 AM 12/30/2011  
SRV 111355498 - 0889565 FILE

STATE of DELAWARE  
LIMITED LIABILITY COMPANY  
CERTIFICATE of FORMATION

- First: The name of this limited liability company is Insituform Technologies, LLC.
- Second: The address of its registered office in the State of Delaware is Corporation Trust Center, 1209 Orange Street in the City of Wilmington, Delaware 19801.

The name of its registered agent at such address is The Corporation Trust Company.

- Third:

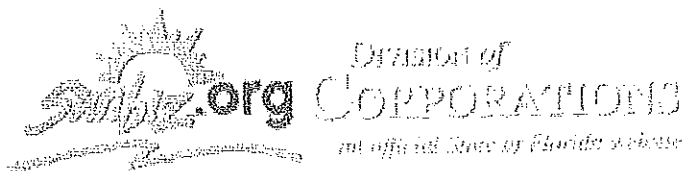
This filing shall be effective 11:58 p.m. EST on December 31, 2011.

IN WITNESS WHEREOF, the undersigned has executed this Certificate on the 27<sup>th</sup> day of December, 2011.

  
\_\_\_\_\_  
April A. Greer  
Organizer

Florida Department of State

DIVISION OF CORPORATIONS

[Department of State](#) / [Division of Corporations](#) / [Search Records](#) / [Detail By Document Number](#) /**Detail by FEI/EIN Number**

Foreign Limited Liability Company  
INSITUFORM TECHNOLOGIES, LLC

**Filing Information**

**Document Number** M12000000304  
**FEI/EIN Number** 13-3032158  
**Date Filed** 01/18/2012  
**State** DE  
**Status** ACTIVE

**Principal Address**

17988 EDISON AVENUE  
CHESTERFIELD, MO 63005

**Mailing Address**

17988 EDISON AVENUE  
CHESTERFIELD, MO 63005

**Registered Agent Name & Address**

CORPORATION SERVICE COMPANY  
1201 HAYS STREET  
TALLAHASSEE, FL 32301-2525

**Authorized Person(s) Detail****Name & Address**

Title MGR

GORDON, CHARLES R  
17988 EDISON AVENUE  
CHESTERFIELD, MO 63005

Title MGR

MORRIS, DAVID F  
17988 EDISON AVENUE  
CHESTERFIELD, MO 63005

**Annual Reports**

| <b>Report Year</b> | <b>Filed Date</b> |
|--------------------|-------------------|
| 2016               | 01/04/2016        |
| 2017               | 03/10/2017        |
| 2018               | 03/02/2018        |

**Document Images**

|                                               |                                          |
|-----------------------------------------------|------------------------------------------|
| <a href="#">03/02/2018 -- ANNUAL REPORT</a>   | <a href="#">View image in PDF format</a> |
| <a href="#">03/10/2017 -- ANNUAL REPORT</a>   | <a href="#">View image in PDF format</a> |
| <a href="#">01/04/2016 -- ANNUAL REPORT</a>   | <a href="#">View image in PDF format</a> |
| <a href="#">01/09/2015 -- ANNUAL REPORT</a>   | <a href="#">View image in PDF format</a> |
| <a href="#">01/15/2014 -- ANNUAL REPORT</a>   | <a href="#">View image in PDF format</a> |
| <a href="#">01/30/2013 -- ANNUAL REPORT</a>   | <a href="#">View image in PDF format</a> |
| <a href="#">01/18/2012 -- Foreign Limited</a> | <a href="#">View image in PDF format</a> |

Florida Department of State, Division of Corporations



**Insituform**  
Technologies, LLC

17988 Edison Avenue  
Chesterfield, MO 63005  
www.insituform.com

*Insituform Technologies, LLC is a subsidiary of Aegion Corporation*

March 20, 2018

City of North Port  
4870 City Hall Blvd.  
North Port, FL 34287

Re: RFB No. 2018-41 Inflow and Infiltration Rehabilitation

To whom it may concern:

Insituform Technologies, LLC has been in the business of pipeline rehabilitation for over thirty years with the experience of performing trenchless pipeline rehabilitation.

Insituform Technologies, LLC is authorized to do business in all fifty states and licensed as required.

Insituform Technologies, LLC is the manufacturer and the installer of the Insituform product. Over 20,000 miles of the product has been supplied by Insituform Technologies, LLC and installed by Insituform Technologies, LLC crews.

Insituform Technologies, LLC meets or exceeds the minimum requirements as specified in technical specifications. Please find the attached addition information for Bidder's Experience.

Respectively Submitted,

A handwritten signature in cursive script, reading "Diane Partridge".

Diane Partridge  
Contracting and Attesting Officer  
[dpartridge@aegion.com](mailto:dpartridge@aegion.com)  
(636) 530-8000



## CORPORATE BACKGROUND

Insituform Technologies, LLC is a diversified, international corporation specializing in trenchless reconstruction of municipal and industrial pipelines of all types - sewer, storm drain, water, gas oil, chemical process, slurry and nuclear power pipelines. Application sizes range from under 6-inches to over 96-inches in diameter. Based on size, experience, technology, capability and resources, INSITUFORM is the worldwide leader in full-spectrum piping reconstruction contracting.

Insituform's expertise is based on over 40 years of experience spent in the reconstruction of more than 20,000 miles (over 100,000,000 ft.) of pipe. Currently, INSITUFORM offers a full spectrum of trenchless rehabilitation products including Insituform's flagship cured-in-place pipe (CIPP), iPlus Infusion®, iPlus® Composite, Tit Liner® HDPE systems for industrial pipelines and our Insituform Blue® product line for potable water renewal including the InsituMain® System and InsituGuard® HDPE rehabilitation system for transmission and distribution mains, robotic service reinstatement.

The corporate history that encompasses today's worldwide Insituform Technologies, LLC organization derives from a host of resources, people, technology and experience merged from former licensees and affiliates of the original Insituform® pipe reconstruction process.

INSITUFORM is a leader in quality management, becoming the first specialty piping corporation to receive ISO 9000 quality installation certification in 1995

Insituform Technologies is one of the largest trenchless technology companies in the world, with annual revenues exceeding \$914 million in 2010. As of 2011, Insituform is now a wholly owned subsidiary of Aegion Corporation. Aegion stock is publicly held on the NASDAQ exchange under the symbol "AGN".

## PERSONNEL

Insituform Technologies, LLC's worldwide organization consists of over 3,000 employees. Every specialty and function associated with an international, technology-driven business is incorporated. Outside of manufacturing operations, the predominance of INSITUFORM personnel engage in project crew duties for pipeline reconstruction.

INSITUFORM maintains and staffs an extensive Research and Development facility engaged in new product and technical installation development. Experts are available to assist operations units in developing specialized solutions to particular client needs for underground piping system analysis and reconstruction.

INSITUFORM maintains a centralized design team at the world headquarters in St. Louis, Missouri with responsibility for ensuring that service conditions are met by products in each application. When necessary, special industrial design considerations and constraints such as corrosion, abrasion, unusual loading, pressure, temperature, etc. are fully included in specific application designs. INSITUFORM has assigned technical market managers to specific segments who have intimate knowledge of process and facility operations and are able to provide advice and field technical assistance in special applications as may be required to meet critical or unusual client needs.

By nature, field applications of pipeline service, assessment and reconstruction activities are highly regionalized. In the United States, INSITUFORM meets the needs of local municipal, industrial and military clients for responsive service by deploying personnel at strategic locations to minimize the cost and burden to clients of extensive mobilization. As an integrated company, sharing of expert personnel and specialized equipment between locations in response to client and project needs is part of normal operations.

## QUALITY ASSURANCE

A strategy goal of Insituform Technology is operational excellence. This goal of quality assurance is being achieved on two fronts.

Best Practices Program: First, INSITUFORM has completed its long-term goal of merging all licensees throughout the United States and solidifying relationships with worldwide subsidiaries and affiliates. Achieving uniform high standards of quality across all operating units is essential to ensure long-term service to client needs. In doing so, INSITUFORM has developed comprehensive bench-marking studies to identify the "Best Practices" of the most efficient and best quality manufacturing and installation procedures for each product line, and can therefore share these best practices with INSITUFORM's regional offices, subsidiaries, and licensees throughout the world. INSITUFORM believes that the only way to guarantee quality is to integrate product development, manufacturing and installation under a best practices program, coupled with ISO 9001 Quality Management Programs.

ISO 9001 Quality Assurance Program: INSITUFORM's second long-term goal is to maintain ISO 9001 quality certification for its manufacturing facilities. This certification process was completed in 1995. ISO certification is not only consistent with the goal of achieving operational excellence for the municipal market, it is an essential requirement for the industrial market, where ISO certification has become an increasingly greater requirement for acceptance as a qualified supplier.

Quality Assurance Inspection Program and Training: A pilot program for the detection and recording of internal non-conformance was established. Persons were selected and trained for conducting internal auditing, probably the most important aspect of ISO because it provides ongoing self-evaluation of the effectiveness of the quality system. Every member of the organization is familiar with, and fully committed to the company's "Quality Policy" and non-conformance identification program.

Internal Audit Findings: Predetermined elements of the quality system are audited each month, and at year's end every ISO 9001 requirement will have been reviewed at least once. Findings are reported to the manager responsible for the appropriate department for resolution.

Management Review and Client Review: At least twice a year, managers meet to review and assess the quality system as a whole. Quality objectives are evaluated and amended or increased as appropriate. Resource needs are identified and action plans formulated. Once a project is completed, the client receives a Customer Survey form. This comprehensive form is INSITUFORM's report card which identifies project success, as well as areas where improvement is suggested.

## INSITUFORM

The rehabilitation processes offered by Insituform were developed to provide a means of reconstructing existing pipe, conduit or passageways without extensive excavation. Some typical applications include:

1. Halting settlement by stopping the infiltration of soil and bedding material which often accompanies groundwater infiltration and can cause soil voids and shifting ground in gravity pipelines.
2. Eliminating infiltration of groundwater through joints, breaks and missing sections of gravity pipeline.
3. Increasing the capacity of existing pipelines by smoothing the interior surface and providing smooth transitions over joints and protrusions.
4. Reducing maintenance and increasing capacity by reducing deposits and eliminating root intrusions into gravity pipelines.
5. Protecting the pipe from attack by corrosive chemical effluent and vapors.
6. Eliminating the exfiltration of pollutants and chemicals into surrounding groundwater aquifers through joints and cracks in pipelines.
7. Strengthening the existing pipe by the installation of a tight fitting Insituform® CIPP within the old, thereby bridging joints, cracks and disconnected pipes into a single continuous conduit.

Briefly, here are just a few of the benefits realized from the reconstruction of pipelines using the Insituform® cured-in-place pipe (CIPP) process:

Virtually eliminates excavation problems - Depending on the type of pipe or passageway to be reconstructed (sewers, drains, or conduits), excavation can virtually be eliminated. Existing access (sewer manholes) is usually sufficient. Side connections can generally be 'reinstated' by cutting out from within. Bends can be negotiated.

Restores full size capacity, reduces maintenance - These tight-fitting pipes are continuous over pipe joints, openings and faults, and the capacity is nearly always increased. The smoothness also reduces deposits because there are no places for deposits to form, thereby reducing maintenance.

Builds corrosion-resistant pipe, resists chemical attack - In the case of the Insituform process, various thermosetting resins can be selected to resist the corrosive effects of the effluent.

Builds a continuous pipe - (a new pipe within the old) - Insituform® CIPP bridges breaks and missing sections of pipe eliminating infiltration, exfiltration or loss of product in pressure pipes. Insituform fits tightly and bridges disconnected pipes into a single continuous pipe.

Reconstructs unusually shaped pipes without loss of capacity - Elliptical, egg-shaped, flat bottom horseshoe or rectangular conduits can be reinstated to their existing shape by the tight fitting Insituform process.

Accomplishes these things in sizes from 6- to 96-inches in diameter - Insituform® CIPP has been constructed in these sizes and may be applicable to those beyond.

Solves difficult jobs - In addition to negotiating bends, it is possible to reconstruct remote sections inaccessible to wheeled vehicles (e.g. inside building) with the Insituform process. In addition to being installed without excavation, Insituform® CIPP has been installed where access to only one end is feasible (vertical wells). Also, it is possible to reconstruct pipelines with reducers or only a portion of a pipeline.

Solves stringent time restraints - Preparation time is reduced by eliminating street openings and risk of damage to other utilities. Insituform® CIPP can generally be installed and completed in less on-the-job time than traditional open cut construction methods.

Offers more convenience to commerce and public - Little inconvenience is caused to the public, commercial business or existing utility operations because excavations are generally eliminated. Little work space is needed for installation. This alone means fewer restrictions on access to property and shops and greater assurance of safety.

Longevity - For normal applications, such as gravity sewers, the service life of Insituform® CIPP can be expected to approach fifty years. Service life of Insituform® CIPP is a function of the temperature, pressure, velocity, and chemical and abrasive properties of the materials being carried.

Custom-Engineered - Insituform® tubes are custom-engineered to optimize total life performance using time-proven formulas. These take into account requirements for diameter, length, condition of pipe, flow rates, temperature, pressure and corrosiveness of the materials being carried.

## **INSITUFORM, STANDARD INSTALLATION PROCESS**

The standard Insituform® process has been used throughout the world for the rehabilitation of over 20,000 miles, of pipe ranging in size from 6" to 96". The process uses a resin-impregnated, flexible felt tube which is installed into and through an existing pipe using water or air pressure. While the liner is held tightly against the host pipe, hot water or steam is circulated through a heat exchanger to cure the thermostat resin.

The flexible resin tube can accommodate various pipe shapes - round, square, rectangular, oval or arched. The Insituform® tube can negotiate bends, elbows, missing sections, offset joints, misalignment and steep slopes. Standard applications include process and sanitary sewer, storm drains, process lines, slurry lines, force mains and siphons. Resin systems used include polyester, vinyl ester and epoxy, designed to meet service requirements. Installation lengths typically range from 250 feet to over 2,500 feet, depending on pipe size and condition. Service laterals are re-opened internally using robotic cutters.



#### FINANCIAL INFORMATION

**Bonding Company:** Travelers Casualty & Surety Company of America  
One Tower Square, 13CZ  
Hartford, CT 06183  
Richard W. DuPont, St. Louis Manager (314) 579-8315  
Best Guide Rating 2013: A+ FSC XIV

**Agent:** JW Terrill  
825 Maryville Centre Drive, Suite 200  
Chesterfield, MO 63017  
Dana Dragoy (314) 594-2700  
Bonding Capacity: \$500,000,000

**Insurance Company:** XL Insurance Company of America/Greenwich Insurance Co.  
200 Liberty St., One World Financial Center  
New York, NY 10281  
Nancy Rummel, (317) 374-0657

**Agent:** Lockton Companies / St. Louis  
#1 Cityplace Drive, Suite 160  
St. Louis, MO 63141  
Carol Henzler, (314) 432-0500 x3285

**Banking:** Bank of America Merrill Lynch  
Bank of America, N.A.  
Merrill Lynch, Pierce, Fenner & Smith Incorporated  
800 Market Street  
St. Louis, MO 63101  
Kevin M. Knopf, Sr. VP (314) 466-7726

**Trade Reference:** **AOC**  
950 HWY 57 E  
Collierville, TN 38017  
Phone: (901) 854-2818  
Fax: (901) 854-7223

**Auriga Polymers**  
4235 S. Stream Blvd.  
Charlotte, NC 28217  
Attn: Kay Mills  
Phone: (980) 233-8269  
Fax: (980) 233-6602

**United Initiators, Inc.**  
555 Garden Street  
Elyria, OH 44036  
Phone: (440) 326-2413





**Insituform**  
Global Pipeline Protection

17988 Edison  
Chesterfield, MO 63005

Tel: 636-530-8000  
Fax: 636-530-8744  
[www.insituform.com](http://www.insituform.com)

## INSTALLER CERTIFICATION

Date: March 8, 2018

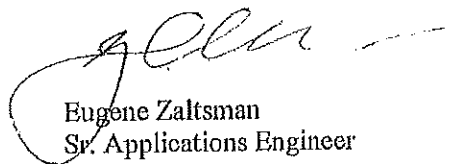
To Whom It May Concern:

Insituform Technologies, LLC is a vertically integrated pipeline rehabilitation company. As such, Insituform is not only the manufacturer of the cured-in-place pipeline rehabilitation system of the same name, but also offers the benefits of a full research and development department, licensed engineers on staff for design of products to suit each individual situation, and regional contracting offices that perform all field services including installation.

This letter shall serve to certify that Insituform Technologies, LLC is authorized to install Insituform products supplied by Insituform Technologies, LLC.

Sincerely,

INSITUFORM TECHNOLOGIES, LLC



Eugene Zaltsman  
Sr. Applications Engineer



17988 Edison  
Chesterfield, MO 63005

Tel: 636-530-8000  
Fax: 636-530-8744  
www.insituform.com

## CERTIFICATE OF COMPLIANCE

March 8, 2018

To Whom It May Concern:

This letter certifies that Insituform tubes are manufactured in Batesville, Mississippi, USA, by Insituform Technologies, LLC and meet all relevant specifications for a cured-in-place pipe product: ASTM D 5813, ASTM F 1216, and ASTM F 1743. Insituform tubes have been manufactured in the USA since 1981.

The finished tube is manufactured using multiple layers of polyester felt, with one layer coated with Polypropylene plastic. The layers are cut/slit to the desired width and sewn concentrically to form the final tube. The coated layer is also sealed at the seam, using an extrusion or taping process. The extrusion process is used on the standard (inverted) tubes, and the taping process is used on the pull-in tubes (also known as ILS or iPlus Infusion). The standard (inverted) tubes are manufactured with the coated layer on the outside, and the pull-in tubes are manufactured with the coated layer on the inside. After wet out, the pull-in tubes are placed in a plastic wrap to contain the resin.

Felt production is achieved by a non-woven needle punch process using Polyester fiber. The finished product is tested for thickness under a specified load and for tensile strength in accordance with ASTM D 5813. The fabric tube has a minimum tensile strength of 750 psi (5 MPa) in both the longitudinal and the transverse direction. The seam strength of the tube is also tested on a regular basis and also meets or exceeds the minimum tensile strength of 750 psi (5 MPa) in both longitudinal and transverse direction. For Quality Assurance purposes, the material is also tested for weight and thickness.

All standard (inverted) tubes are run through a dye bath prior to shipment to ensure there are no leaks. Following the inspection process all tubes (except InsituMain, which are used in water lines) are printed with yard marks.

All tubes with tapers, transitions, or any change in tube diameter or thickness are produced under the same specifications, with the same materials, and meet the same material testing requirements as the standard tube.

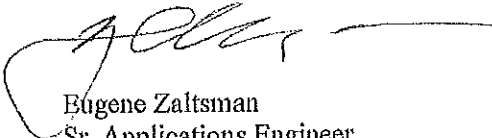
The quality system used by Insituform Technologies, LLC is ISO 9001:2015 certified.

The end use of the Insituform tube is to rehabilitate sewer and drainage pipes to increase the life of the pipe and prevent a dig and replacement of a pipe.

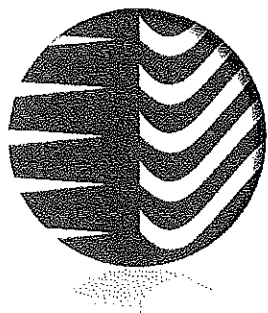
Please contact us directly with any questions you may have.

Sincerely,

INSITUFORM TECHNOLOGIES, LLC



Eugene Zaltsman  
Sr. Applications Engineer



# CERTIFICATE OF REGISTRATION

This is to certify that

**Insituform Technologies, LLC**

**Headquarters**

17999 Edison Avenue Chesterfield, Missouri 63005 USA

Refer to Attachment to Certificate of Registration dated March 8, 2018 for additional certified sites  
operates a

**Quality Management System**

which complies with the requirements of

**ISO 9001:2015**

for the following scope of certification

**Design, development, manufacturing and installation of products for the rehabilitation of pipelines using trenchless technology. Certification of installation services is non-transferrable and applies only when performed directly by Insituform Technologies, LLC.**

Certificate No.: CERT-0101077  
File No.: 1650845  
Issue Date: March 8, 2018

Original Certification Date: February 11, 2014  
Certification Effective Date: March 15, 2017  
Certification Expiry Date: March 14, 2020

Nicole Grantham  
General Manager SAI Global Certification Services



ISO 9001



Registered by:  
QM-SAI Canada Limited (SAI Global), 20 Carlson Court, Suite 200, Toronto, Ontario M9W 7K6 Canada. This registration is subject to the SAI Global Terms and Conditions for Certification. While all due care and skill was exercised in carrying out this assessment, SAI Global accepts responsibility only for proven negligence. This certificate remains the property of SAI Global and must be returned to them upon request.  
To verify that this certificate is current, please refer to the SAI Global On-Line Certification Register: [www.qm-saiglobal.com/qmni\\_compsaical](http://www.qm-saiglobal.com/qmni_compsaical)

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INFORM. INSPIRE. IMPROVE.



**Insituform**  
an AEGION company

17988 Edison Avenue  
Chesterfield, MO 63005  
[www.insituform.com](http://www.insituform.com)

Andrew Costa  
Business Development Manager  
Phone: (813) 309-0385

Insituform Technologies, LLC is a subsidiary of Aegion Corporation  
Fax: (813) 627-0006  
Email: [acosta@insituform.com](mailto:acosta@insituform.com)

## **State of Florida** *Project References*

### **1) City of Melbourne**

Project: Lake View Shores Sanitary Sewer Rehabilitation  
Scope: CIPP Rehabilitation of approximately 16,000 LF of 8-15" sanitary sewer.  
Job Completion: 2014  
Project Value: \$613,027  
Contact: Mr. Matt Simon  
2891 Harper Road  
Melbourne, FL 32904  
P - (321) 674-5726 F - (321) 608-5135  
[msimon@melbourneflorida.org](mailto:msimon@melbourneflorida.org)

### **2) City of Sarasota**

Project: Citywide Sanitary Sewer Rehabilitation  
Scope: CIPP Rehabilitation of approximately 20,000 LF of 8"-24" sanitary sewer.  
Job Completion: 2016  
Project Value: \$1,006,508  
Contact: Mr. Carlos Marin  
1750 12th Street  
Sarasota, FL 34236  
P - (941) 365-2200 x6278 F - (941) 365-4840  
[Carlos.Marin@sarasotagov.com](mailto:Carlos.Marin@sarasotagov.com)

### **3) City of Deerfield Beach**

Project: CIPP Rehabilitation - RFP#2010-11/12  
Scope: CIPP Rehabilitation of approximately 49,000 LF of 8-12" sanitary sewer.  
Job Completion: 2011  
Project Value: \$1,233,556  
Contact: Mr. Fred Scott  
200 Goolsby Blvd.  
Deerfield Beach, FL 33442  
P - (954) 480-4400 F - (954) 480-4345  
[fscott@deerfield-beach.com](mailto:fscott@deerfield-beach.com)

**4) City of Pompano Beach**

Project: Cured-in-Place Pipe Rehabilitation, Annual Contract

Scope: CIPP Rehabilitation of approximately 24,164 LF of 8"-24" sanitary sewer.

Job Completion: 2015

Project Value: \$926,585

Contact: Mr. Steve Almyda

1205 N.E. 5th Ave.

Pompano Beach, FL 33060

P - (954) 786-5510 F - (954) 786-5510

[steve.almyda@copbfl.com](mailto:steve.almyda@copbfl.com)

**5) Miami Dade Water & Sewer**

Project: Annual Sanitary Sewer Rehabilitation

Scope: Rehabilitation of approximately 80,000 LF of 8-12" Sanitary Sewer Lines

Project Value: \$3,709,775

Contact: Ms. Dalia Abrahante

(786) 268-5266

**6) [DAABR01@miamidade.gov](mailto:DAABR01@miamidade.gov)**

Proprietary Property and Trade Secret of Aegion, Inc. Unauthorized Use, Dissemination and Disclosure Strictly Prohibited.

## Contract Qualification Closed Projects ( 2013 - Present ) - Parameter Summary

|                         |             |            |  |
|-------------------------|-------------|------------|--|
| Month Ending Date       | 02-28-2018  |            |  |
| Reporting Entity        |             |            |  |
| JDE Company Code        | 00140       |            |  |
| Region                  |             |            |  |
| Owner State             |             |            |  |
| Project Material Family | AIS;ILS;STD |            |  |
| Project Manager         |             |            |  |
| Project Number          |             |            |  |
| Project Manager         |             |            |  |
| Value Range             | Start       | End        |  |
| Project Value (\$)      | 400000      |            |  |
| Bid Proposal Date       |             |            |  |
| Project Closed Date     | 01-01-2014  | 02-28-2018 |  |
| Diameter                |             |            |  |
| Linear Feet             |             |            |  |

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## Contract Qualification Closed Projects ( 2013 - Present ) - Summary

|       | AIS    | ILS    | STD       | Total     | SR's<br>(taps) |
|-------|--------|--------|-----------|-----------|----------------|
| 8     | 4,546  | 65,988 | 781,999   | 852,533   | 0              |
| 10    | 1,967  | 3,094  | 101,255   | 106,316   |                |
| 12    | 1,788  |        | 43,679    | 45,467    |                |
| 14    |        |        | 5,357     | 5,357     |                |
| 15    | 3,960  |        | 15,343    | 19,303    |                |
| 16    | 31     |        | 2,766     | 2,797     |                |
| 18    | 5,142  |        | 10,779    | 15,921    |                |
| 20    | 34     |        | 542       | 576       |                |
| 21    | 276    |        | 6,050     | 6,326     |                |
| 24    | 4,899  |        | 9,856     | 14,755    |                |
| 25    | 140    |        |           | 140       |                |
| 27    |        |        | 1,658     | 1,658     |                |
| 30    | 4,143  |        | 10,698    | 14,841    |                |
| 36    | 4,056  |        | 3,587     | 7,643     |                |
| 42    | 3,170  |        | 195       | 3,365     |                |
| 48    | 1,706  |        | 2,289     | 3,995     |                |
| 53    |        |        | 986       | 986       |                |
| 54    | 2,151  |        | 3,243     | 5,394     |                |
| 60    |        |        | 267       | 267       |                |
| 66    |        |        | 175       | 175       |                |
| 72    |        |        | 706       | 706       |                |
|       | 20     |        | 38,023    | 38,043    |                |
| Total | 38,029 | 69,082 | 1,039,453 | 1,146,564 |                |



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## Contract Qualification Closed Projects ( 2013 - Present ) - Detail

| JDE Job Number | Role  | Project Description                                         | Project Status | Contract Value | Final Contract Amount |
|----------------|-------|-------------------------------------------------------------|----------------|----------------|-----------------------|
| 14152851       | Prime | GAINESVILLE FL,REL#1,FY2014   CIPP REHAB SANIT. SEWER MAINS | JC             | \$516,957.10   | \$657,846.30          |

| Project Manager        | Bid Date   | Project Close Date |
|------------------------|------------|--------------------|
| Curvel,Brandt Mitchell | 01-06-2014 | 07-25-2014         |

|       | STD    | Total  | SR's |
|-------|--------|--------|------|
| 8     | 6,909  | 6,909  | 0    |
| 12    | 3,040  | 3,040  |      |
| 14    | 2,377  | 2,377  |      |
| Total | 12,326 | 12,326 |      |

| Customer                                            | Owner                                               |
|-----------------------------------------------------|-----------------------------------------------------|
| City of Gainesville, FL - Regional Utilities        | City of Gainesville, FL - Regional Utilities        |
| 100001 NW 13TH ST Alachua Gainesville FL 32602-0490 | 100001 NW 13TH ST Alachua Gainesville FL 32602-0490 |
| +1 352 3343400                                      | +1 352 3343400                                      |

| JDE Job Number | Role  | Project Description                                            | Project Status | Contract Value | Final Contract Amount |
|----------------|-------|----------------------------------------------------------------|----------------|----------------|-----------------------|
| 14162191       | Prime | MELBOURNE FL,LAKE VIEW SHORES   LAKE VIEW SHORE,PO#15000818-00 | JC             | \$613,027.88   | \$681,328.87          |

| Project Manager        | Bid Date   | Project Close Date |
|------------------------|------------|--------------------|
| Curvel,Brandt Mitchell | 11-01-2014 | 03-13-2015         |

|       | STD    | Total  | SR's |
|-------|--------|--------|------|
| 8     | 11,106 | 11,106 | 0    |
| 10    | 4,264  | 4,264  |      |
| 15    | 2,976  | 2,976  |      |
| Total | 18,346 | 18,346 |      |

| Customer                                                                | Owner                                                                   |
|-------------------------------------------------------------------------|-------------------------------------------------------------------------|
| City of Melbourne, FL. 2891 Harper Road Brevard Melbourne FL 32904-1154 | City of Melbourne, FL. 2891 Harper Road Brevard Melbourne FL 32904-1154 |
| +1 321 6745726                                                          | +1 321 6745726                                                          |



| JDE Job Number                                                                                                                                                                                                                                                                                                                                         | Role                 | Project Description                                | Project Status | Contract Value | Final Contract Amount |                 |          |                      |                      |                      |                      |                      |            |                  |                  |                |                |       |  |  |     |     |  |
|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------|----------------------------------------------------|----------------|----------------|-----------------------|-----------------|----------|----------------------|----------------------|----------------------|----------------------|----------------------|------------|------------------|------------------|----------------|----------------|-------|--|--|-----|-----|--|
| 14169114                                                                                                                                                                                                                                                                                                                                               | Prime                | ORANGE COUNTY,REL#14,SKYLAKE S   SOUTH SUBDIVISION | JC             | \$1,060,771.60 | \$1,146,956.70        |                 |          |                      |                      |                      |                      |                      |            |                  |                  |                |                |       |  |  |     |     |  |
| <table><tr><th>Project Manager</th><th>Bid Date</th><th>Project Close Date</th><th>STD</th><th>Total</th><th>SR's</th></tr><tr><td>Gerber,Brandon Wayne</td><td>08-19-2013</td><td>02-28-2014</td><td>24</td><td>723</td><td>0</td></tr><tr><td colspan="3">Total</td><td>723</td><td>723</td><td></td></tr></table>                                   |                      |                                                    |                |                |                       | Project Manager | Bid Date | Project Close Date   | STD                  | Total                | SR's                 | Gerber,Brandon Wayne | 08-19-2013 | 02-28-2014       | 24               | 723            | 0              | Total |  |  | 723 | 723 |  |
| Project Manager                                                                                                                                                                                                                                                                                                                                        | Bid Date             | Project Close Date                                 | STD            | Total          | SR's                  |                 |          |                      |                      |                      |                      |                      |            |                  |                  |                |                |       |  |  |     |     |  |
| Gerber,Brandon Wayne                                                                                                                                                                                                                                                                                                                                   | 08-19-2013           | 02-28-2014                                         | 24             | 723            | 0                     |                 |          |                      |                      |                      |                      |                      |            |                  |                  |                |                |       |  |  |     |     |  |
| Total                                                                                                                                                                                                                                                                                                                                                  |                      |                                                    | 723            | 723            |                       |                 |          |                      |                      |                      |                      |                      |            |                  |                  |                |                |       |  |  |     |     |  |
| <table><tr><th>Customer</th><th>Owner</th></tr><tr><td>County of Orange, FL</td><td>County of Orange, FL</td></tr><tr><td>9150 Curry Ford Road</td><td>9150 Curry Ford Road</td></tr><tr><td>Orange</td><td>Orange</td></tr><tr><td>Orlando FL 32825</td><td>Orlando FL 32825</td></tr><tr><td>+1 407 2549900</td><td>+1 407 2549900</td></tr></table> |                      |                                                    |                |                |                       | Customer        | Owner    | County of Orange, FL | County of Orange, FL | 9150 Curry Ford Road | 9150 Curry Ford Road | Orange               | Orange     | Orlando FL 32825 | Orlando FL 32825 | +1 407 2549900 | +1 407 2549900 |       |  |  |     |     |  |
| Customer                                                                                                                                                                                                                                                                                                                                               | Owner                |                                                    |                |                |                       |                 |          |                      |                      |                      |                      |                      |            |                  |                  |                |                |       |  |  |     |     |  |
| County of Orange, FL                                                                                                                                                                                                                                                                                                                                   | County of Orange, FL |                                                    |                |                |                       |                 |          |                      |                      |                      |                      |                      |            |                  |                  |                |                |       |  |  |     |     |  |
| 9150 Curry Ford Road                                                                                                                                                                                                                                                                                                                                   | 9150 Curry Ford Road |                                                    |                |                |                       |                 |          |                      |                      |                      |                      |                      |            |                  |                  |                |                |       |  |  |     |     |  |
| Orange                                                                                                                                                                                                                                                                                                                                                 | Orange               |                                                    |                |                |                       |                 |          |                      |                      |                      |                      |                      |            |                  |                  |                |                |       |  |  |     |     |  |
| Orlando FL 32825                                                                                                                                                                                                                                                                                                                                       | Orlando FL 32825     |                                                    |                |                |                       |                 |          |                      |                      |                      |                      |                      |            |                  |                  |                |                |       |  |  |     |     |  |
| +1 407 2549900                                                                                                                                                                                                                                                                                                                                         | +1 407 2549900       |                                                    |                |                |                       |                 |          |                      |                      |                      |                      |                      |            |                  |                  |                |                |       |  |  |     |     |  |

| JDE Job Number                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | Role                                  | Project Description                                          | Project Status | Contract Value | Final Contract Amount |                 |          |                                       |                                       |                        |                        |                        |                       |            |       |                            |                            |                |                |  |       |       |  |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------|--------------------------------------------------------------|----------------|----------------|-----------------------|-----------------|----------|---------------------------------------|---------------------------------------|------------------------|------------------------|------------------------|-----------------------|------------|-------|----------------------------|----------------------------|----------------|----------------|--|-------|-------|--|
| 14172510                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | Prime                                 | JEA,MONTANA TO MANNING AVE.   CIPP LINING PH.II,BROADCAST PL | JC             | \$687,529.72   | \$735,850.62          |                 |          |                                       |                                       |                        |                        |                        |                       |            |       |                            |                            |                |                |  |       |       |  |
| <table><tr><th>Project Manager</th><th>Bid Date</th><th>Project Close Date</th><th>STD</th><th>Total</th><th>SR's</th></tr><tr><td>Curvel,Brandt Mitchell</td><td>01-22-2015</td><td>05-22-2015</td><td>48</td><td>1,661</td><td>0</td></tr><tr><td colspan="3">Total</td><td>1,661</td><td>1,661</td><td></td></tr></table>                                                                                                                                                                |                                       |                                                              |                |                |                       | Project Manager | Bid Date | Project Close Date                    | STD                                   | Total                  | SR's                   | Curvel,Brandt Mitchell | 01-22-2015            | 05-22-2015 | 48    | 1,661                      | 0                          | Total          |                |  | 1,661 | 1,661 |  |
| Project Manager                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | Bid Date                              | Project Close Date                                           | STD            | Total          | SR's                  |                 |          |                                       |                                       |                        |                        |                        |                       |            |       |                            |                            |                |                |  |       |       |  |
| Curvel,Brandt Mitchell                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | 01-22-2015                            | 05-22-2015                                                   | 48             | 1,661          | 0                     |                 |          |                                       |                                       |                        |                        |                        |                       |            |       |                            |                            |                |                |  |       |       |  |
| Total                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |                                       |                                                              | 1,661          | 1,661          |                       |                 |          |                                       |                                       |                        |                        |                        |                       |            |       |                            |                            |                |                |  |       |       |  |
| <table><tr><th>Customer</th><th>Owner</th></tr><tr><td>Jacksonville Electric Authority(JEA)-</td><td>Jacksonville Electric Authority(JEA)-</td></tr><tr><td>Water &amp; Sewer Division</td><td>Water &amp; Sewer Division</td></tr><tr><td>21 West Church Street</td><td>21 West Church Street</td></tr><tr><td>Duval</td><td>Duval</td></tr><tr><td>Jacksonville FL 32202-3111</td><td>Jacksonville FL 32202-3111</td></tr><tr><td>+1 904 6328011</td><td>+1 904 6328011</td></tr></table> |                                       |                                                              |                |                |                       | Customer        | Owner    | Jacksonville Electric Authority(JEA)- | Jacksonville Electric Authority(JEA)- | Water & Sewer Division | Water & Sewer Division | 21 West Church Street  | 21 West Church Street | Duval      | Duval | Jacksonville FL 32202-3111 | Jacksonville FL 32202-3111 | +1 904 6328011 | +1 904 6328011 |  |       |       |  |
| Customer                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | Owner                                 |                                                              |                |                |                       |                 |          |                                       |                                       |                        |                        |                        |                       |            |       |                            |                            |                |                |  |       |       |  |
| Jacksonville Electric Authority(JEA)-                                                                                                                                                                                                                                                                                                                                                                                                                                                       | Jacksonville Electric Authority(JEA)- |                                                              |                |                |                       |                 |          |                                       |                                       |                        |                        |                        |                       |            |       |                            |                            |                |                |  |       |       |  |
| Water & Sewer Division                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | Water & Sewer Division                |                                                              |                |                |                       |                 |          |                                       |                                       |                        |                        |                        |                       |            |       |                            |                            |                |                |  |       |       |  |
| 21 West Church Street                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | 21 West Church Street                 |                                                              |                |                |                       |                 |          |                                       |                                       |                        |                        |                        |                       |            |       |                            |                            |                |                |  |       |       |  |
| Duval                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | Duval                                 |                                                              |                |                |                       |                 |          |                                       |                                       |                        |                        |                        |                       |            |       |                            |                            |                |                |  |       |       |  |
| Jacksonville FL 32202-3111                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | Jacksonville FL 32202-3111            |                                                              |                |                |                       |                 |          |                                       |                                       |                        |                        |                        |                       |            |       |                            |                            |                |                |  |       |       |  |
| +1 904 6328011                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | +1 904 6328011                        |                                                              |                |                |                       |                 |          |                                       |                                       |                        |                        |                        |                       |            |       |                            |                            |                |                |  |       |       |  |

| JDE Job Number                                                                                                                                                                                                                                                                                                                                                                                                   | Role                                  | Project Description                                      | Project Status | Contract Value | Final Contract Amount |                 |          |                    |                                       |             |                        |                            |                       |            |       |     |                            |                |                |  |     |     |  |
|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------|----------------------------------------------------------|----------------|----------------|-----------------------|-----------------|----------|--------------------|---------------------------------------|-------------|------------------------|----------------------------|-----------------------|------------|-------|-----|----------------------------|----------------|----------------|--|-----|-----|--|
| 14172512                                                                                                                                                                                                                                                                                                                                                                                                         | Prime                                 | JEA,JAX LANDING,PO#151019   JACKSONVILLE LANDING PROJECT | JC             | \$687,212.08   | \$646,414.93          |                 |          |                    |                                       |             |                        |                            |                       |            |       |     |                            |                |                |  |     |     |  |
| <table><tr><th>Project Manager</th><th>Bid Date</th><th>Project Close Date</th><th>STD</th><th>Total</th><th>SR's</th></tr><tr><td>Curvel,Brandt Mitchell</td><td>12-14-2015</td><td>02-19-2016</td><td>53</td><td>986</td><td>0</td></tr><tr><td colspan="3">Total</td><td>986</td><td>986</td><td></td></tr></table>                                                                                           |                                       |                                                          |                |                |                       | Project Manager | Bid Date | Project Close Date | STD                                   | Total       | SR's                   | Curvel,Brandt Mitchell     | 12-14-2015            | 02-19-2016 | 53    | 986 | 0                          | Total          |                |  | 986 | 986 |  |
| Project Manager                                                                                                                                                                                                                                                                                                                                                                                                  | Bid Date                              | Project Close Date                                       | STD            | Total          | SR's                  |                 |          |                    |                                       |             |                        |                            |                       |            |       |     |                            |                |                |  |     |     |  |
| Curvel,Brandt Mitchell                                                                                                                                                                                                                                                                                                                                                                                           | 12-14-2015                            | 02-19-2016                                               | 53             | 986            | 0                     |                 |          |                    |                                       |             |                        |                            |                       |            |       |     |                            |                |                |  |     |     |  |
| Total                                                                                                                                                                                                                                                                                                                                                                                                            |                                       |                                                          | 986            | 986            |                       |                 |          |                    |                                       |             |                        |                            |                       |            |       |     |                            |                |                |  |     |     |  |
| <table><tr><th>Customer</th><th>Owner</th></tr><tr><td>JEA</td><td>Jacksonville Electric Authority(JEA)-</td></tr><tr><td>PO Box 4910</td><td>Water &amp; Sewer Division</td></tr><tr><td>Jacksonville FL 32201-4010</td><td>21 West Church Street</td></tr><tr><td></td><td>Duval</td></tr><tr><td></td><td>Jacksonville FL 32202-3111</td></tr><tr><td>+1 904 6656631</td><td>+1 904 6328011</td></tr></table> |                                       |                                                          |                |                |                       | Customer        | Owner    | JEA                | Jacksonville Electric Authority(JEA)- | PO Box 4910 | Water & Sewer Division | Jacksonville FL 32201-4010 | 21 West Church Street |            | Duval |     | Jacksonville FL 32202-3111 | +1 904 6656631 | +1 904 6328011 |  |     |     |  |
| Customer                                                                                                                                                                                                                                                                                                                                                                                                         | Owner                                 |                                                          |                |                |                       |                 |          |                    |                                       |             |                        |                            |                       |            |       |     |                            |                |                |  |     |     |  |
| JEA                                                                                                                                                                                                                                                                                                                                                                                                              | Jacksonville Electric Authority(JEA)- |                                                          |                |                |                       |                 |          |                    |                                       |             |                        |                            |                       |            |       |     |                            |                |                |  |     |     |  |
| PO Box 4910                                                                                                                                                                                                                                                                                                                                                                                                      | Water & Sewer Division                |                                                          |                |                |                       |                 |          |                    |                                       |             |                        |                            |                       |            |       |     |                            |                |                |  |     |     |  |
| Jacksonville FL 32201-4010                                                                                                                                                                                                                                                                                                                                                                                       | 21 West Church Street                 |                                                          |                |                |                       |                 |          |                    |                                       |             |                        |                            |                       |            |       |     |                            |                |                |  |     |     |  |
|                                                                                                                                                                                                                                                                                                                                                                                                                  | Duval                                 |                                                          |                |                |                       |                 |          |                    |                                       |             |                        |                            |                       |            |       |     |                            |                |                |  |     |     |  |
|                                                                                                                                                                                                                                                                                                                                                                                                                  | Jacksonville FL 32202-3111            |                                                          |                |                |                       |                 |          |                    |                                       |             |                        |                            |                       |            |       |     |                            |                |                |  |     |     |  |
| +1 904 6656631                                                                                                                                                                                                                                                                                                                                                                                                   | +1 904 6328011                        |                                                          |                |                |                       |                 |          |                    |                                       |             |                        |                            |                       |            |       |     |                            |                |                |  |     |     |  |

| JDE Job Number | Role  | Project Description                                         | Project Status | Contract Value | Final Contract Amount |
|----------------|-------|-------------------------------------------------------------|----------------|----------------|-----------------------|
| 14173008       | Prime | NORTH MIAMI BEACH FL, ASSN.#6   VARIOUS LOC.- ASSIGNMENT #6 | JC             | \$484,691.40   | \$464,533.40          |

| Project Manager  | Bid Date   | Project Close Date |
|------------------|------------|--------------------|
| Kendrix, Frank A | 03-17-2014 | 08-13-2014         |

| Customer                      | Owner                         |
|-------------------------------|-------------------------------|
| City of North Miami Beach, FL | City of North Miami Beach, FL |
| 17050 NE 19th Avenue          | 17050 NE 19th Avenue          |
| City Hall                     | City Hall                     |
| Miami-Dade                    | Miami-Dade                    |
| North Miami Beach FL 33162    | North Miami Beach FL 33162    |
| +1 305 6241177                | +1 305 6241177                |

|       | STD    | Total  | SR's |
|-------|--------|--------|------|
| 8     | 12,604 | 12,604 | 0    |
| 10    | 1,028  | 1,028  |      |
| 12    | 320    | 320    |      |
| 15    | 1,412  | 1,412  |      |
| Total | 15,364 | 15,364 |      |

| JDE Job Number | Role  | Project Description                                       | Project Status | Contract Value | Final Contract Amount |
|----------------|-------|-----------------------------------------------------------|----------------|----------------|-----------------------|
| 141757         | Prime | FLORIDA DEPT.OF TRANS.,VOLUSIA   CT#E5061,FIN#42798617206 | JC             | \$1,676,267.79 | \$1,571,076.60        |

| Project Manager        | Bid Date   | Project Close Date |
|------------------------|------------|--------------------|
| Curvel,Brandt Mitchell | 06-05-2012 | 05-31-2017         |

| Customer                                                                 | Owner                                                                    |
|--------------------------------------------------------------------------|--------------------------------------------------------------------------|
| Department of Transportation - State of Florida, FL- District 5 - DeLand | Department of Transportation - State of Florida, FL- District 5 - DeLand |
| 719 South Woodland Boulevard                                             | 719 South Woodland Boulevard                                             |
| Volusia                                                                  | Volusia                                                                  |
| DeLand FL 32720                                                          | DeLand FL 32720                                                          |
| +1 386 9435475                                                           | +1 386 9435475                                                           |

|       | ALS   | STD | Total | SR's |
|-------|-------|-----|-------|------|
| 15    | 200   |     | 200   | 0    |
| 18    | 950   |     | 950   |      |
| 24    | 672   |     | 672   |      |
| 30    | 2,087 | 258 | 2,345 |      |
| 36    | 1,560 |     | 1,560 |      |
| 42    | 752   |     | 752   |      |
| Total | 6,221 | 258 | 6,479 |      |

| JDE Job Number | Role  | Project Description                                            | Project Status | Contract Value | Final Contract Amount |
|----------------|-------|----------------------------------------------------------------|----------------|----------------|-----------------------|
| 14175924       | Prime | OAKLAND PARK FL,BASIN D-1& D-2   LATERAL LININGS & CIPP LINING | JC             | \$415,205.95   | \$247,929.07          |

| Project Manager  | Bid Date   | Project Close Date |
|------------------|------------|--------------------|
| Kendrix, Frank A | 11-03-2016 | 11-14-2016         |

| Customer                      | Owner                         |
|-------------------------------|-------------------------------|
| City of Oakland Park, FL      | City of Oakland Park, FL      |
| 250 NE 33rd Street            | 250 NE 33rd Street            |
| Broward                       | Broward                       |
| Fort Lauderdale FL 33334-1144 | Fort Lauderdale FL 33334-1144 |
| +1 954 5616296                | +1 954 5616296                |

|       | STD | Total | SR's |
|-------|-----|-------|------|
| 12    | 240 | 240   | 0    |
| Total | 240 | 240   |      |



| JDE Job Number | Role  | Project Description                                   | Project Status | Contract Value | Final Contract Amount |
|----------------|-------|-------------------------------------------------------|----------------|----------------|-----------------------|
| 14179805       | Prime | JACKSONVILLE FL, SITES 1-12   SITES #1-12 - PO#307753 | JC             | \$433,319.00   | \$447,660.00          |

| Project Manager         | Bid Date   | Project Close Date |
|-------------------------|------------|--------------------|
| Curvel, Brandt Mitchell | 06-18-2014 | 11-07-2014         |

| AIS   | STD   | Total | SR's  |
|-------|-------|-------|-------|
| 12    | 86    | 86    | 0     |
| 15    | 59    | 59    |       |
| 16    | 31    | 31    |       |
| 18    | 530   | 530   |       |
| 20    | 34    | 34    |       |
| 21    | 276   | 276   |       |
| 24    | 943   | 943   |       |
| 25    | 140   | 140   |       |
| 30    | 792   | 792   |       |
| 36    |       | 120   |       |
| 48    | 95    | 95    |       |
| Total | 2,986 | 120   | 3,106 |

| Customer                                                      | Owner                                                         |
|---------------------------------------------------------------|---------------------------------------------------------------|
| City of Jacksonville, FL                                      | City of Jacksonville, FL                                      |
| 609 Street Johns Bluff Road North Duval Jacksonville FL 32225 | 609 Street Johns Bluff Road North Duval Jacksonville FL 32225 |
| +1 904 4722900                                                | +1 904 4722900                                                |

| JDE Job Number | Role  | Project Description                                   | Project Status | Contract Value | Final Contract Amount |
|----------------|-------|-------------------------------------------------------|----------------|----------------|-----------------------|
| 14179806       | Prime | JACKSONVILLE FL, SITES 1-9   SITES #1-9 - PO#307753:6 | JC             | \$470,122.70   | \$459,376.30          |

| Project Manager         | Bid Date   | Project Close Date |
|-------------------------|------------|--------------------|
| Curvel, Brandt Mitchell | 06-03-2015 | 11-06-2015         |

| STD   | Total | SR's  |
|-------|-------|-------|
| 12    | 63    | 63    |
| 14    | 91    | 91    |
| 15    | 363   | 363   |
| 18    | 790   | 790   |
| 20    | 280   | 280   |
| 24    | 130   | 130   |
| 30    | 985   | 985   |
| 48    | 250   | 250   |
| Total | 2,952 | 2,952 |

| Customer                                                      | Owner                                                         |
|---------------------------------------------------------------|---------------------------------------------------------------|
| City of Jacksonville, FL                                      | City of Jacksonville, FL                                      |
| 609 Street Johns Bluff Road North Duval Jacksonville FL 32225 | 609 Street Johns Bluff Road North Duval Jacksonville FL 32225 |
| +1 904 4722900                                                | +1 904 4722900                                                |





| JDE Job Number                                                                                                                                                                   | Role  | Project Description                                   | Project Status     | Contract Value | Final Contract Amount |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------|-------------------------------------------------------|--------------------|----------------|-----------------------|
| 14179807                                                                                                                                                                         | Prime | JACKSONVILLE FL, SITES 1-4   SITES #1-4 - PO#307753:7 | JC                 | \$707,892.80   | \$710,036.80          |
| <div>Project Manager</div> <div>Curvel,Brandt Mitchell</div>                                                                                                                     |       |                                                       |                    |                |                       |
|                                                                                                                                                                                  |       | Bid Date                                              | Project Close Date |                |                       |
|                                                                                                                                                                                  |       | 06-24-2015                                            | 01-08-2016         |                |                       |
| <div>Customer</div> <div>City of Jacksonville, FL</div> <div>609 Street Johns Bluff Road North</div> <div>Duval</div> <div>Jacksonville FL 32225</div> <div>+1 904 4722900</div> |       |                                                       |                    |                |                       |
|                                                                                                                                                                                  |       | Owner                                                 |                    |                |                       |
|                                                                                                                                                                                  |       | City of Jacksonville, FL                              |                    |                |                       |
|                                                                                                                                                                                  |       | 609 Street Johns Bluff Road North                     |                    |                |                       |
|                                                                                                                                                                                  |       | Duval                                                 |                    |                |                       |
|                                                                                                                                                                                  |       | Jacksonville FL 32225                                 |                    |                |                       |
|                                                                                                                                                                                  |       | +1 904 4722900                                        |                    |                |                       |
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| JDE Job Number                                                                                                                                                                                                                                                                                                                                                 | Role  | Project Description                                        | Project Status | Contract Value | Final Contract Amount |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------|------------------------------------------------------------|----------------|----------------|-----------------------|
| 14179815                                                                                                                                                                                                                                                                                                                                                       | Prime | JACKSONVILLE FL, PO#307753:15   SITES 1-12, PO#PO307753:15 | JC             | \$444,565.30   | \$419,558.30          |
| <div>Project Manager</div> <div>Curvel,Brandt Mitchell</div> <div>09-14-2016</div> <div>12-04-2017</div>                                                                                                                                                                                                                                                       |       |                                                            |                |                |                       |
| <div>Customer</div> <div>City of Jacksonville, FL</div> <div>609 Street Johns Bluff Road North</div> <div>Duval</div> <div>Jacksonville FL 32225</div> <div>+1 904 4722900</div> <div>Owner</div> <div>City of Jacksonville, FL</div> <div>609 Street Johns Bluff Road North</div> <div>Duval</div> <div>Jacksonville FL 32225</div> <div>+1 904 4722900</div> |       |                                                            |                |                |                       |
|                                                                                                                                                                                                                                                                                                                                                                |       |                                                            | AIS            | STD            | Total                 |
|                                                                                                                                                                                                                                                                                                                                                                |       |                                                            | 15             | 112            | 112                   |
|                                                                                                                                                                                                                                                                                                                                                                |       |                                                            | 18             | 556            | 556                   |
|                                                                                                                                                                                                                                                                                                                                                                |       |                                                            | 24             | 537            | 789                   |
|                                                                                                                                                                                                                                                                                                                                                                |       |                                                            | 30             | 71             | 71                    |
|                                                                                                                                                                                                                                                                                                                                                                |       |                                                            | 36             | 167            | 419                   |
|                                                                                                                                                                                                                                                                                                                                                                |       |                                                            | 42             | 352            | 352                   |
|                                                                                                                                                                                                                                                                                                                                                                |       |                                                            | 48             | 68             | 68                    |
| Total                                                                                                                                                                                                                                                                                                                                                          |       |                                                            | 1,795          | 572            | 2,367                 |
|                                                                                                                                                                                                                                                                                                                                                                |       |                                                            | SR's           |                |                       |
|                                                                                                                                                                                                                                                                                                                                                                |       |                                                            | 0              |                |                       |

| JDE Job Number | Role  | Project Description                                 | Project Status | Contract Value | Final Contract Amount |
|----------------|-------|-----------------------------------------------------|----------------|----------------|-----------------------|
| 14180001       | Prime | DAYTONA BEACH, FL - WO#1   PO#0000004237-MLK/W, 15B | JC             | \$539,538.65   | \$337,613.83          |

| Project Manager        | Bid Date   | Project Close Date |
|------------------------|------------|--------------------|
| Curvel,Brandt Mitchell | 06-10-2015 | 06-21-2016         |

| Customer                    | Owner                       |
|-----------------------------|-----------------------------|
| City of Daytona Beach, FL   | City of Daytona Beach, FL   |
| 3651 Lpga Boulevard         | 3651 Lpga Boulevard         |
| Volusia                     | Volusia                     |
| Daytona Beach FL 32115-2451 | Daytona Beach FL 32115-2451 |
| +1 386 6718610              | +1 386 6718610              |

|       | AIS | STD   | Total | SR's |
|-------|-----|-------|-------|------|
| 15    | 81  | 735   | 816   | 0    |
| 18    | 28  | 563   | 591   |      |
| 24    |     | 842   | 842   |      |
| 30    |     | 400   | 400   |      |
| 36    |     | 450   | 450   |      |
| Total | 109 | 2,990 | 3,099 |      |



| JDE Job Number | Role | Project Description                                             | Project Status | Contract Value | Final Contract Amount |
|----------------|------|-----------------------------------------------------------------|----------------|----------------|-----------------------|
| 141804         | Sub  | DALLAS 1 CORP.dba DALLAS1 CONS   DOWNTOWN CRA W&WW IMPR2013-002 | JC             | \$1,191,113.20 | \$1,138,354.47        |

| Project Manager       | Bid Date   | Project Close Date |
|-----------------------|------------|--------------------|
| Gerber, Brandon Wayne | 03-21-2013 | 12-01-2014         |

| Customer                                   | Owner                                      |
|--------------------------------------------|--------------------------------------------|
| City of Tavares, FL                        | City of Tavares, FL                        |
| 201 East Main Street Lake Tavares FL 32778 | 201 East Main Street Lake Tavares FL 32778 |
| +1 352 7426209                             | +1 352 7426209                             |

|       | STD    | Total  | SR's   |
|-------|--------|--------|--------|
| 8     | 21     | 21     | 0      |
| Total | 25,303 | 25,282 | 25,303 |

| JDE Job Number | Role  | Project Description                                             | Project Status | Contract Value | Final Contract Amount |
|----------------|-------|-----------------------------------------------------------------|----------------|----------------|-----------------------|
| 141812         | Prime | FLORIDA DEPT.OF TRANS.CT#E5Q80   FIN#42927617205,DRAINAGE&STRUC | JC             | \$1,361,717.40 | \$1,298,598.60        |

| Project Manager         | Bid Date   | Project Close Date |
|-------------------------|------------|--------------------|
| Curvel, Brandt Mitchell | 06-06-2013 | 04-11-2014         |

| Customer                                                                 | Owner                                                                    |
|--------------------------------------------------------------------------|--------------------------------------------------------------------------|
| Department of Transportation - State of Florida, FL- District 5 - DeLand | Department of Transportation - State of Florida, FL- District 5 - DeLand |
| 719 South Woodland Boulevard Volusia DeLand FL 32720                     | 719 South Woodland Boulevard Volusia DeLand FL 32720                     |
| +1 386 9435475                                                           | +1 386 9435475                                                           |

|       | ALS   | STD   | Total | SR's |
|-------|-------|-------|-------|------|
| 15    | 1,192 |       | 1,192 | 0    |
| 18    | 2,534 |       | 2,534 |      |
| 24    | 1,723 |       | 1,723 |      |
| 30    | 430   |       | 430   |      |
| 36    | 1,011 |       | 1,011 |      |
| 42    | 268   |       | 268   |      |
| 48    | 664   |       | 664   |      |
| 54    |       | 1,073 | 1,073 |      |
| Total | 7,822 | 1,073 | 8,895 |      |



| JDE Job Number | Role  | Project Description                                             | Project Status | Contract Value | Final Contract Amount |
|----------------|-------|-----------------------------------------------------------------|----------------|----------------|-----------------------|
| 141820         | Prime | WEST PALM BEACH, FL-2013 REHAB   PH 1 -SPECIFIC LOC.,PO#2131782 | JC             | \$597,848.70   | \$604,111.10          |

| Project Manager                     | Bid Date                            | Project Close Date |
|-------------------------------------|-------------------------------------|--------------------|
| Kendrix, Frank A                    | 07-31-2013                          | 01-28-2014         |
| Customer                            |                                     |                    |
| City of West Palm Beach, FL         | Owner                               |                    |
| 1045 A Charlotte Ave., Bldg #2      | City of West Palm Beach, FL         |                    |
| 1045 A Charlotte Avenue Building #2 | 1045 A Charlotte Ave., Bldg #2      |                    |
| Bldg #2                             | 1045 A Charlotte Avenue Building #2 |                    |
| Palm Beach                          | Bldg #2                             |                    |
| West Palm Beach FL 33402            | Palm Beach                          |                    |
|                                     | West Palm Beach FL 33402            |                    |
| +1 561 6598079                      | +1 561 6598079                      |                    |

|       | STD    | Total  | SR's |
|-------|--------|--------|------|
| 8     | 11,837 | 11,837 | 0    |
| 10    | 1,481  | 1,481  |      |
| 12    | 274    | 274    |      |
| 15    | 236    | 236    |      |
| 24    | 300    | 300    |      |
| Total | 14,128 | 14,128 |      |

| JDE Job Number | Role  | Project Description                                          | Project Status | Contract Value | Final Contract Amount |
|----------------|-------|--------------------------------------------------------------|----------------|----------------|-----------------------|
| 14182201       | Prime | SARASOTA FL,REL#1,VAR. LOC.   CITY-WIDE GRAV.SEW.PO#PD511750 | JC             | \$587,544.20   | \$609,029.50          |

| Project Manager        | Bid Date               | Project Close Date |
|------------------------|------------------------|--------------------|
| Gerber,Brandon Wayne   | 03-26-2015             | 11-02-2015         |
| Customer               |                        |                    |
| City of Sarasota, FL   | Owner                  |                    |
| 1750 12th Street       | City of Sarasota, FL   |                    |
| Sarasota               | 1750 12th Street       |                    |
| Sarasota FL 34236-2687 | Sarasota               |                    |
|                        | Sarasota FL 34236-2687 |                    |
| +1 941 9552325         | +1 941 9552325         |                    |

|       | STD    | Total  | SR's |
|-------|--------|--------|------|
| 8     | 5,152  | 5,152  | 0    |
| 10    | 480    | 480    |      |
| 12    | 275    | 275    |      |
| 15    | 1,363  | 1,363  |      |
| 18    | 2,314  | 2,314  |      |
| 21    | 1,031  | 1,031  |      |
| 24    | 26     | 26     |      |
| Total | 10,641 | 10,641 |      |

| JDE Job Number | Role  | Project Description                                        | Project Status | Contract Value | Final Contract Amount |
|----------------|-------|------------------------------------------------------------|----------------|----------------|-----------------------|
| 14182811       | Prime | SARASOTA CO.FL,W14,16,17,18,20   VAR1,LOC.SANIT.PIPE REHAB | JC             | \$709,462.00   | \$654,300.50          |

| Project Manager                | Bid Date                       | Project Close Date |
|--------------------------------|--------------------------------|--------------------|
| Gerber,Brandon Wayne           | 05-02-2016                     | 01-31-2017         |
| Customer                       |                                |                    |
| County of Sarasota, FL         | Owner                          |                    |
| 1001 Sarasota Center Boulevard | County of Sarasota, FL         |                    |
| Sarasota                       | 1001 Sarasota Center Boulevard |                    |
| Sarasota FL 34240              | Sarasota                       |                    |
|                                | Sarasota FL 34240              |                    |
| +1 941 3161460                 | +1 941 3161460                 |                    |

|       | STD    | Total  | SR's |
|-------|--------|--------|------|
| 8     | 19,149 | 19,149 | 0    |
| 10    | 296    | 296    |      |
| Total | 19,445 | 19,445 |      |



| JDE Job Number | Role  | Project Description                             | Project Status | Contract Value | Final Contract Amount |
|----------------|-------|-------------------------------------------------|----------------|----------------|-----------------------|
| 14184901       | Prime | ST. PETERSBURG FL, RELEASE 1   SANIT.SEW.LINING | JC             | \$904,152.84   | \$912,625.00          |

| Project Manager              | Bid Date                     | Project Close Date |
|------------------------------|------------------------------|--------------------|
| Gerber, Brandon Wayne        | 04-15-2014                   | 11-14-2014         |
| Customer                     | Owner                        |                    |
| City of Saint Petersburg, FL | City of Saint Petersburg, FL |                    |
| 14th Street N                | 14th Street N                |                    |
| Pinellas                     | Pinellas                     |                    |
| St. Petersburg FL 33701      | St. Petersburg FL 33701      |                    |
| +1 727 8925383               | +1 727 8925383               |                    |

|       | STD    | Total  | SR's |
|-------|--------|--------|------|
| 8     | 16,983 | 16,983 | 0    |
| 10    | 5,762  | 5,762  |      |
| 12    | 4,374  | 4,374  |      |
| 15    | 8      | 8      |      |
| Total | 27,127 | 27,127 |      |

| JDE Job Number | Role | Project Description                                            | Project Status | Contract Value | Final Contract Amount |
|----------------|------|----------------------------------------------------------------|----------------|----------------|-----------------------|
| 141850         | Sub  | EVANS CONTRACTING SERV., FDOT   I-95&BLANDING BLVD. FDOT E2S35 | JC             | \$550,351.20   | \$535,615.20          |

| Project Manager                  | Bid Date                                                                             | Project Close Date |
|----------------------------------|--------------------------------------------------------------------------------------|--------------------|
| Curvel, Brandt Mitchell          | 12-11-2013                                                                           | 05-16-2014         |
| Customer                         | Owner                                                                                |                    |
| Evans Contracting Services, Inc. | Department of Transportation - State of Florida, FL - District ?? - Jacksonville, FL |                    |
| 320 Foxtail Ave.                 | 5301-A N.E. 39th Ave.                                                                |                    |
| Middleburg FL 32068              | Alachua                                                                              |                    |
| +1 904 2820155                   | Gainesville FL 32609                                                                 |                    |
|                                  | +1 904 6951200                                                                       |                    |

|       | ALS   | Total | SR's |
|-------|-------|-------|------|
| 54    | 2,151 | 2,151 | 0    |
| Total | 2,151 | 2,151 |      |

| JDE Job Number | Role | Project Description | Project Status | Contract Value | Final Contract Amount |
|----------------|------|---------------------|----------------|----------------|-----------------------|
|----------------|------|---------------------|----------------|----------------|-----------------------|

| Project Manager | Bid Date | Project Close Date |
|-----------------|----------|--------------------|
|                 |          |                    |
| Customer        | Owner    |                    |
|                 |          |                    |
|                 |          |                    |

|       | STD | Total | SR's |
|-------|-----|-------|------|
| 8     |     |       |      |
| 10    |     |       |      |
| Total |     |       |      |

| JDE Job Number | Role  | Project Description                                     | Project Status | Contract Value | Final Contract Amount |
|----------------|-------|---------------------------------------------------------|----------------|----------------|-----------------------|
| 14186321       | Prime | GAINESVILLE REG-UTIL,FY15,REL1   2014-045,PO#4510026993 | JC             | \$638,977.01   | \$602,121.40          |

| Project Manager                                     | Bid Date                                            | Project Close Date                           |
|-----------------------------------------------------|-----------------------------------------------------|----------------------------------------------|
| Curvel,Brandt Mitchell                              | 03-10-2015                                          | 05-16-2016                                   |
| <b>Customer</b>                                     |                                                     |                                              |
| City of Gainesville, FL - Regional Utilities        | Owner                                               | City of Gainesville, FL - Regional Utilities |
| 100001 NW 13TH ST Alachua Gainesville FL 32602-0490 | 100001 NW 13TH ST Alachua Gainesville FL 32602-0490 |                                              |
| +1 352 3343400                                      | +1 352 3343400                                      |                                              |

|       | STD    | Total  | SR's |
|-------|--------|--------|------|
| 8     | 7,372  | 7,372  | 0    |
| 10    | 2,834  | 2,834  |      |
| 12    | 5,763  | 5,763  |      |
| 14    | 41     | 41     |      |
| Total | 16,010 | 16,010 |      |

| JDE Job Number | Role  | Project Description                                         | Project Status | Contract Value | Final Contract Amount |
|----------------|-------|-------------------------------------------------------------|----------------|----------------|-----------------------|
| 14186323       | Prime | GAINESVILLE REG-UT,A&B REHAB   A&B CIPP REAHB,PO#4510031314 | JC             | \$486,652.85   | \$303,555.14          |

| Project Manager                                     | Bid Date                                            | Project Close Date                           |
|-----------------------------------------------------|-----------------------------------------------------|----------------------------------------------|
| Curvel,Brandt Mitchell                              | 04-15-2016                                          | 11-15-2016                                   |
| <b>Customer</b>                                     |                                                     |                                              |
| City of Gainesville, FL - Regional Utilities        | Owner                                               | City of Gainesville, FL - Regional Utilities |
| 100001 NW 13TH ST Alachua Gainesville FL 32602-0490 | 100001 NW 13TH ST Alachua Gainesville FL 32602-0490 |                                              |
| +1 352 3343400                                      | +1 352 3343400                                      |                                              |

|       | STD   | Total | SR's |
|-------|-------|-------|------|
| 8     | 158   | 158   | 0    |
| 12    | 736   | 736   |      |
| 16    | 2,621 | 2,621 |      |
| Total | 3,515 | 3,515 |      |

| JDE Job Number | Role  | Project Description                                            | Project Status | Contract Value | Final Contract Amount |
|----------------|-------|----------------------------------------------------------------|----------------|----------------|-----------------------|
| 14186326       | Prime | GAINESVILLE REG-UT,PRJ,A-D & H   A-D&HCIPP REAHB,PO#4510033666 | JC             | \$495,977.48   | \$526,734.98          |

| Project Manager                                     | Bid Date                                            | Project Close Date                           |
|-----------------------------------------------------|-----------------------------------------------------|----------------------------------------------|
| Curvel,Brandt Mitchell                              | 10-20-2016                                          | 05-12-2017                                   |
| <b>Customer</b>                                     |                                                     |                                              |
| City of Gainesville, FL - Regional Utilities        | Owner                                               | City of Gainesville, FL - Regional Utilities |
| 100001 NW 13TH ST Alachua Gainesville FL 32602-0490 | 100001 NW 13TH ST Alachua Gainesville FL 32602-0490 |                                              |
| +1 352 3343400                                      | +1 352 3343400                                      |                                              |

|       | STD    | Total  | SR's |
|-------|--------|--------|------|
| 8     | 7,473  | 7,473  | 0    |
| 10    | 3,480  | 3,480  |      |
| 12    | 1,783  | 1,783  |      |
| 15    | 340    | 340    |      |
| Total | 13,076 | 13,076 |      |



| JDE Job Number | Role  | Project Description                                         | Project Status | Contract Value | Final Contract Amount |
|----------------|-------|-------------------------------------------------------------|----------------|----------------|-----------------------|
| 14186328       | Prime | GAINESVILLE REG.UT,PROJ. H-O   H-O CIPP REHAB,PO#4510034627 | JC             | \$1,475,987.04 | \$1,567,398.35        |

| Project Manager                              | Bid Date                  | Project Close Date                           |
|----------------------------------------------|---------------------------|----------------------------------------------|
| Curvel,Brandt Mitchell                       | 01-30-2017                | 11-17-2017                                   |
| <b>Customer</b>                              |                           |                                              |
| City of Gainesville, FL - Regional Utilities | Owner                     | City of Gainesville, FL - Regional Utilities |
| 100001 NW 13TH ST                            | 100001 NW 13TH ST         |                                              |
| Alachua                                      | Alachua                   |                                              |
| Gainesville FL 32602-0490                    | Gainesville FL 32602-0490 |                                              |
| +1 352 3343400                               | +1 352 3343400            |                                              |

| STD   | Total  | SR's |
|-------|--------|------|
| 8     | 29,778 | 0    |
| 10    | 2,568  |      |
| 12    | 3,764  |      |
| 14    | 2,848  |      |
| 16    | 145    |      |
| Total | 39,103 |      |

| JDE Job Number | Role  | Project Description                                      | Project Status | Contract Value | Final Contract Amount |
|----------------|-------|----------------------------------------------------------|----------------|----------------|-----------------------|
| 14186504       | Prime | PINELLAS CO.FL,VARI LOCATIONS   SANI.SEW/REHAB RELEASE#4 | JC             | \$498,571.80   | \$519,891.00          |

| Project Manager           | Bid Date                   | Project Close Date        |
|---------------------------|----------------------------|---------------------------|
| Gerber,Brandon Wayne      | 04-01-2016                 | 07-20-2017                |
| <b>Customer</b>           |                            |                           |
| Pinellas County Utilities | Owner                      | Pinellas County Utilities |
| 14 S. Ft. Harrison Ave.   | 14 South Ft. Harrison Ave. |                           |
| Cleawater FL 33756        | Pinellas                   |                           |
| +1 727 4644220            | Cleawater FL 33756         |                           |
|                           | +1 727 4644219             |                           |

| STD   | Total  | SR's |
|-------|--------|------|
| 8     | 16,304 | 0    |
| 10    | 613    |      |
| Total | 16,917 |      |

| JDE Job Number | Role | Project Description                                      | Project Status | Contract Value | Final Contract Amount |
|----------------|------|----------------------------------------------------------|----------------|----------------|-----------------------|
| 141868         | Sub  | SANLANDO UTILITIES CORP.   SANLANDO I&I DEFICIENCY CORR. | JC             | \$528,839.52   | \$534,677.30          |

| Project Manager                      | Bid Date                   | Project Close Date                     |
|--------------------------------------|----------------------------|----------------------------------------|
| Gerber,Brandon Wayne                 | 02-21-2014                 | 11-14-2014                             |
| <b>Customer</b>                      |                            |                                        |
| Utilities, Inc. - Sanlando Utilities | Owner                      | Utilities Inc. - Altamonte Springs, FL |
| 200 Weathersfield Ave.               | 200 Weathersfield Avenue   |                                        |
| Seminole                             | Seminole                   |                                        |
| Altamonte Springs FL 32714           | Altamonte Springs FL 32714 |                                        |
| +1 800 2721919                       | +1 800 2721919             |                                        |

| STD   | Total  | SR's |
|-------|--------|------|
| 8     | 16,673 | 0    |
| Total | 16,673 |      |

| JDE Job Number | Role  | Project Description                                           | Project Status | Contract Value | Final Contract Amount |
|----------------|-------|---------------------------------------------------------------|----------------|----------------|-----------------------|
| 14187201       | Prime | MIAMI-DADE CO.CONTR.P-0130 WO1   P0130-01 ISSUANCE CIPP REHAB | JC             | \$539,198.58   | \$580,100.62          |

| Project Manager                                       | Bid Date   | Project Close Date                                    |
|-------------------------------------------------------|------------|-------------------------------------------------------|
| Kendrix, Frank A                                      | 07-01-2014 | 03-17-2015                                            |
| Customer                                              |            |                                                       |
| Miami-Dade Water and Sewer - *Main Office - Miami, FL | Owner      | Miami-Dade Water and Sewer - *Main Office - Miami, FL |
| 3071 SW 38 Avenue Suit 561                            |            | 3071 SW 38 Avenue Suit 561                            |
| Miami-Dade                                            |            | Miami-Dade                                            |
| Miami FL 33173-2503                                   |            | Miami FL 33173-2503                                   |
| +1 305 6697753                                        |            | +1 305 6697753                                        |

|       | STD   | Total | SR's |
|-------|-------|-------|------|
| 8     | 3,546 | 3,546 | 0    |
| 10    | 2,203 | 2,203 |      |
| 24    | 673   | 673   |      |
| 27    | 1,658 | 1,658 |      |
| Total | 8,080 | 8,080 |      |

| JDE Job Number | Role  | Project Description                                          | Project Status | Contract Value | Final Contract Amount |
|----------------|-------|--------------------------------------------------------------|----------------|----------------|-----------------------|
| 14187202       | Prime | MIAMI-DADE CO.CONTR.P-0130-02   P0130-02 ISSUANCE CIPP REHAB | JC             | \$731,242.48   | \$760,802.17          |

| Project Manager                                       | Bid Date   | Project Close Date                                    |
|-------------------------------------------------------|------------|-------------------------------------------------------|
| Kendrix, Frank A                                      | 09-04-2014 | 04-24-2015                                            |
| Customer                                              |            |                                                       |
| Miami-Dade Water and Sewer - *Main Office - Miami, FL | Owner      | Miami-Dade Water and Sewer - *Main Office - Miami, FL |
| 3071 SW 38 Avenue Suit 561                            |            | 3071 SW 38 Avenue Suit 561                            |
| Miami-Dade                                            |            | Miami-Dade                                            |
| Miami FL 33173-2503                                   |            | Miami FL 33173-2503                                   |
| +1 305 6697753                                        |            | +1 305 6697753                                        |

|       | STD    | Total  | SR's |
|-------|--------|--------|------|
| 8     | 9,202  | 9,202  | 0    |
| 10    | 416    | 416    |      |
| 12    | 473    | 473    |      |
| 15    | 1,208  | 1,208  |      |
| 18    | 1,676  | 1,676  |      |
| 21    | 312    | 312    |      |
| 24    | 1,191  | 1,191  |      |
| Total | 14,478 | 14,478 |      |

| JDE Job Number | Role  | Project Description                                          | Project Status | Contract Value | Final Contract Amount |
|----------------|-------|--------------------------------------------------------------|----------------|----------------|-----------------------|
| 14187203       | Prime | MIAMI-DADE CO.CONTR.P-0130-03   P0130-03 ISSUANCE CIPP REHAB | JC             | \$1,287,661.25 | \$1,182,349.92        |

| Project Manager                                       | Bid Date   | Project Close Date                                    |
|-------------------------------------------------------|------------|-------------------------------------------------------|
| Kendrix, Frank A                                      | 11-02-2014 | 05-04-2015                                            |
| Customer                                              |            |                                                       |
| Miami-Dade Water and Sewer - *Main Office - Miami, FL | Owner      | Miami-Dade Water and Sewer - *Main Office - Miami, FL |
| 3071 SW 38 Avenue Suit 561                            |            | 3071 SW 38 Avenue Suit 561                            |
| Miami-Dade                                            |            | Miami-Dade                                            |
| Miami FL 33173-2503                                   |            | Miami FL 33173-2503                                   |
| +1 305 6697753                                        |            | +1 305 6697753                                        |

|       | STD    | Total  | SR's |
|-------|--------|--------|------|
| 8     | 31,783 | 31,783 | 0    |
| 10    | 1,883  | 1,883  |      |
| 12    | 1,703  | 1,703  |      |
| 15    | 492    | 492    |      |
| 24    | 1,384  | 1,384  |      |
| Total | 37,245 | 37,245 |      |



| JDE Job Number                                        | Role  | Project Description                                         | Project Status | Contract Value | Final Contract Amount |
|-------------------------------------------------------|-------|-------------------------------------------------------------|----------------|----------------|-----------------------|
| 14187204                                              | Prime | MIAMI-DADE CO. CONTR. P-0130-04   ISSUANCE CIPP REHAB, WO#4 | JC             | \$882,834.11   | \$601,591.79          |
| <b>Project Manager</b>                                |       |                                                             |                |                |                       |
| Kendrix, Frank A                                      |       | Bid Date: 03-01-2015   Project Close Date: 05-22-2015       |                |                |                       |
| <b>Customer</b>                                       |       |                                                             |                |                |                       |
| Miami-Dade Water and Sewer - *Main Office - Miami, FL | Owner | Miami-Dade Water and Sewer - *Main Office - Miami, FL       |                |                |                       |
| 3071 SW 38 Avenue Suit 561                            |       | 3071 SW 38 Avenue Suit 561                                  |                |                |                       |
| Miami-Dade                                            |       | Miami-Dade                                                  |                |                |                       |
| Miami FL 33173-2503                                   |       | Miami FL 33173-2503                                         |                |                |                       |
| +1 305 6697753                                        |       | +1 305 6697753                                              |                |                |                       |
|                                                       |       |                                                             | STD            | Total          | SR's                  |
|                                                       |       |                                                             | 8              | 9,515          | 9,515                 |
|                                                       |       |                                                             | 10             | 1,309          | 1,309                 |
|                                                       |       |                                                             | 12             | 519            | 519                   |
|                                                       |       |                                                             | 15             | 621            | 621                   |
|                                                       |       |                                                             | 18             | 863            | 863                   |
|                                                       |       |                                                             | 21             | 348            | 348                   |
|                                                       |       |                                                             | 24             | 584            | 584                   |
|                                                       |       |                                                             | Total          | 13,759         | 13,759                |

| JDE Job Number                             | Role  | Project Description                                           | Project Status | Contract Value | Final Contract Amount |
|--------------------------------------------|-------|---------------------------------------------------------------|----------------|----------------|-----------------------|
| 14187901                                   | Prime | CLAY CO., P#13/14-A10, TASK O#27   CONTINUING CONT. FOR SANI. | JC             | \$603,234.14   | \$655,024.14          |
| <b>Project Manager</b>                     |       |                                                               |                |                |                       |
| Curvel, Brandt Mitchell                    |       | Bid Date: 11-18-2014   Project Close Date: 05-27-2015         |                |                |                       |
| <b>Customer</b>                            |       |                                                               |                |                |                       |
| County of Clay, FL-Utility Authority       | Owner | County of Clay, FL-Middleburg, FL                             |                |                |                       |
| 3176 Old Jennings Road Middleburg FL 32068 |       | 3176 Old Jennings Road Clay Middleburg FL 32068               |                |                |                       |
| +1 904 2725999                             |       | +1 904 2132408                                                |                |                |                       |
|                                            |       |                                                               | STD            | Total          | SR's                  |
|                                            |       |                                                               | 10             | 334            | 334                   |
|                                            |       |                                                               |                | 11,450         | 11,450                |
|                                            |       |                                                               | Total          | 11,784         | 11,784                |

| JDE Job Number                     | Role  | Project Description                                          | Project Status | Contract Value | Final Contract Amount |
|------------------------------------|-------|--------------------------------------------------------------|----------------|----------------|-----------------------|
| 141895                             | Prime | VOLUSIA CO. FL, FAIRVIEW AVE.   STORM PIPE LINING, CONT#1535 | JC             | \$654,559.50   | \$641,993.50          |
| <b>Project Manager</b>             |       |                                                              |                |                |                       |
| Curvel, Brandt Mitchell            |       | Bid Date: 07-24-2014   Project Close Date: 03-05-2015        |                |                |                       |
| <b>Customer</b>                    |       |                                                              |                |                |                       |
| County of Volusia, FL-Public Works | Owner | County of Volusia, FL-Public Works                           |                |                |                       |
| 123 West Indiana Ave.              |       | 123 West Indiana Ave.                                        |                |                |                       |
| Volusia                            |       | Volusia                                                      |                |                |                       |
| Deland FL 32720-4608               |       | Deland FL 32720-4608                                         |                |                |                       |
| +1 386 8226422                     |       | +1 386 8226422                                               |                |                |                       |
|                                    |       |                                                              | STD            | Total          | SR's                  |
|                                    |       |                                                              | 54             | 1,607          | 1,607                 |
|                                    |       |                                                              | Total          | 1,607          | 1,607                 |



| JDE Job Number | Role | Project Description                                          | Project Status | Contract Value | Final Contract Amount |
|----------------|------|--------------------------------------------------------------|----------------|----------------|-----------------------|
| 141897         | Sub  | BLD SERVICES, PLANT CITY FL   CRYSTAL TERRACE SANITSEW,REHAB | JC             | \$434,416.00   | \$458,986.00          |

| Project Manager      | Bid Date   | Project Close Date |
|----------------------|------------|--------------------|
| Gerber,Brandon Wayne | 08-02-2014 | 08-08-2015         |

|   | STD    | Total  | SR's |
|---|--------|--------|------|
| 8 | 12,683 | 12,683 | 0    |

|    |     |     |
|----|-----|-----|
| 10 | 597 | 597 |
|----|-----|-----|

|    |     |     |
|----|-----|-----|
| 18 | 720 | 720 |
|----|-----|-----|

|       |        |        |
|-------|--------|--------|
| Total | 14,000 | 14,000 |
|-------|--------|--------|

| Customer                  | Owner                     |
|---------------------------|---------------------------|
| City of Plant City, FL    | City of Plant City, FL    |
| Plant City- Not Available | Plant City- Not Available |
| Not Available             | Not Available             |
| Hillsborough              | Hillsborough              |
| Plant City FL 33564       | Plant City FL 33564       |
| +1 813 7579212            | +1 813 7579212            |

| JDE Job Number | Role | Project Description | Project Status | Contract Value | Final Contract Amount |
|----------------|------|---------------------|----------------|----------------|-----------------------|
|----------------|------|---------------------|----------------|----------------|-----------------------|

| Project Manager | Bid Date | Project Close Date |
|-----------------|----------|--------------------|
|-----------------|----------|--------------------|

|   | AIS | STD | Total | SR's |
|---|-----|-----|-------|------|
| 8 |     |     |       |      |

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| 10 |  |  |  |  |
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| 12 |  |  |  |  |
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| 15 |  |  |  |  |
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| 18 |  |  |  |  |
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| 20 |  |  |  |  |
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| 21 |  |  |  |  |
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| 24 |  |  |  |  |
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| 30 |  |  |  |  |
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|----|--|--|--|--|
| 36 |  |  |  |  |
|----|--|--|--|--|

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|-------|--|--|--|--|
| Total |  |  |  |  |
|-------|--|--|--|--|

| Customer | Owner |
|----------|-------|
|          |       |
|          |       |
|          |       |

| JDE Job Number | Role  | Project Description                                     | Project Status | Contract Value | Final Contract Amount |
|----------------|-------|---------------------------------------------------------|----------------|----------------|-----------------------|
| 1419001        | Prime | ORLANDO FL, RAPER DAIRY ROAD   IFB-14-0370, SANIT.REHAB | JC             | \$1,434,458.30 | \$1,323,590.34        |

| Project Manager       | Bid Date   | Project Close Date |
|-----------------------|------------|--------------------|
| Gerber, Brandon Wayne | 09-09-2014 | 07-17-2015         |

| Customer                | Owner                   |
|-------------------------|-------------------------|
| City of Orlando, FL     | City of Orlando, FL     |
| 400 South Orange Avenue | 400 South Orange Avenue |
| Orange                  | Orange                  |
| Orlando FL 32801-3360   | Orlando FL 32801-3360   |
| +1 407 2463222          | +1 407 2463222          |

|       | STD   | Total | SR's |
|-------|-------|-------|------|
| 30    | 2,913 | 2,913 | 0    |
| 36    | 2,104 | 2,104 |      |
| Total | 5,017 | 5,017 |      |

| JDE Job Number | Role  | Project Description                                      | Project Status | Contract Value | Final Contract Amount |
|----------------|-------|----------------------------------------------------------|----------------|----------------|-----------------------|
| 14190901       | Prime | MIAMI-DADE CO., RPQ#PO145   MCC-7360 PLAN-CICC 7360-0/08 | JC             | \$764,928.76   | \$1,026,319.67        |

| Project Manager  | Bid Date   | Project Close Date |
|------------------|------------|--------------------|
| Kendrix, Frank A | 05-01-2015 | 07-27-2015         |

| Customer                                              | Owner                                                 |
|-------------------------------------------------------|-------------------------------------------------------|
| Miami-Dade Water and Sewer - *Main Office - Miami, FL | Miami-Dade Water and Sewer - *Main Office - Miami, FL |
| 3071 SW 38 Avenue Suit 561                            | 3071 SW 38 Avenue Suit 561                            |
| Miami-Dade                                            | Miami-Dade                                            |
| Miami FL 33173-2503                                   | Miami FL 33173-2503                                   |
| +1 305 6697753                                        | +1 305 6697753                                        |

|       | STD    | Total  | SR's |
|-------|--------|--------|------|
| 8     | 11,743 | 11,743 | 0    |
| 10    | 4,925  | 4,925  |      |
| 12    | 1,046  | 1,046  |      |
| Total | 17,714 | 17,714 |      |

| JDE Job Number | Role  | Project Description                                              | Project Status | Contract Value | Final Contract Amount |
|----------------|-------|------------------------------------------------------------------|----------------|----------------|-----------------------|
| 14190902       | Prime | MIAMI-DADE CO., RPQ#PO145.REL#2   ISSUANCE#2 REHAB OF SANIT. SEW | JC             | \$637,330.15   | \$648,400.63          |

| Project Manager  | Bid Date   | Project Close Date |
|------------------|------------|--------------------|
| Kendrix, Frank A | 05-21-2015 | 03-12-2016         |

| Customer                                              | Owner                                                 |
|-------------------------------------------------------|-------------------------------------------------------|
| Miami-Dade Water and Sewer - *Main Office - Miami, FL | Miami-Dade Water and Sewer - *Main Office - Miami, FL |
| 3071 SW 38 Avenue Suit 561                            | 3071 SW 38 Avenue Suit 561                            |
| Miami-Dade                                            | Miami-Dade                                            |
| Miami FL 33173-2503                                   | Miami FL 33173-2503                                   |
| +1 305 6697753                                        | +1 305 6697753                                        |

|       | STD    | Total  | SR's |
|-------|--------|--------|------|
| 8     | 15,600 | 15,600 | 0    |
| 10    | 4,795  | 4,795  |      |
| 12    | 246    | 246    |      |
| 15    | 483    | 483    |      |
| Total | 21,124 | 21,124 |      |



| JDE Job Number                                                  | Role  | Project Description                                             | Project Status | Contract Value | Final Contract Amount |
|-----------------------------------------------------------------|-------|-----------------------------------------------------------------|----------------|----------------|-----------------------|
| 14191205                                                        | Prime | MIAMI-DADE CO.S-866 ISSUANCE05   VENETIAN&VARILLOC.SANIT.REHAB  | JC             | \$426,158.63   | \$447,736.65          |
| <b>Project Manager</b>                                          |       |                                                                 |                |                |                       |
| Kendrix, Frank A                                                |       | Bid Date: 03-14-2016<br>Project Close Date: 01-19-2017          |                |                |                       |
| <b>Customer</b>                                                 |       |                                                                 |                |                |                       |
| Miami-Dade Water and Sewer - *Main Office - Miami, FL           |       | Owner: Miami-Dade Water and Sewer - *Main Office - Miami, FL    |                |                |                       |
| 3071 SW 38 Avenue Suit 561<br>Miami-Dade<br>Miami FL 33173-2503 |       | 3071 SW 38 Avenue Suit 561<br>Miami-Dade<br>Miami FL 33173-2503 |                |                |                       |
| +1 305 6697753                                                  |       | +1 305 6697753                                                  |                |                |                       |

|       | STD    | Total  | SR's |
|-------|--------|--------|------|
| 8     | 5,349  | 5,349  | 0    |
| 10    | 2,954  | 2,954  |      |
| 12    | 3,025  | 3,025  |      |
| 15    | 701    | 701    |      |
| 18    | 525    | 525    |      |
| 21    | 149    | 149    |      |
| Total | 12,703 | 12,703 |      |

| JDE Job Number | Role | Project Description | Project Status | Contract Value | Final Contract Amount |
|----------------|------|---------------------|----------------|----------------|-----------------------|
|----------------|------|---------------------|----------------|----------------|-----------------------|

|                        |  |          |                    |  |  |
|------------------------|--|----------|--------------------|--|--|
| <b>Project Manager</b> |  |          |                    |  |  |
|                        |  | Bid Date | Project Close Date |  |  |
| <b>Customer</b>        |  |          |                    |  |  |
|                        |  | Owner    |                    |  |  |

| JDE Job Number | Role | Project Description                                             | Project Status | Contract Value | Final Contract Amount |
|----------------|------|-----------------------------------------------------------------|----------------|----------------|-----------------------|
| 141920         | Sub  | MASCI CORP.,NEW SMYRNA BEACH F   CENTRAL BEACH PH. III IMPROVEM | JC             | \$485,100.40   | \$327,217.05          |

|                                                                              |  |                                                              |  |  |  |
|------------------------------------------------------------------------------|--|--------------------------------------------------------------|--|--|--|
| <b>Project Manager</b>                                                       |  |                                                              |  |  |  |
| Curvel,Brandt Mitchell                                                       |  | Bid Date: 07-22-2014<br>Project Close Date: 03-12-2016       |  |  |  |
| <b>Customer</b>                                                              |  |                                                              |  |  |  |
| Masci Corp                                                                   |  | Owner: City of New Smyrna Beach, FL                          |  |  |  |
| 5752 South Ridgewood Avenue<br>— No County Indicated<br>Port Orange FL 32127 |  | 210 Sams Avenue<br>Volusia<br>New Smyrna Beach FL 32168-7040 |  |  |  |
| +1 386 3224500                                                               |  | +1 386 4242209                                               |  |  |  |

|       | STD    | Total  | SR's |
|-------|--------|--------|------|
| 8     | 10,378 | 10,378 | 0    |
| 10    | 554    | 554    |      |
| Total | 10,932 | 10,932 |      |

| JDE Job Number                                                                   | Role  | Project Description                                        | Project Status                                                                   |                    |       | Contract Value | Final Contract Amount |
|----------------------------------------------------------------------------------|-------|------------------------------------------------------------|----------------------------------------------------------------------------------|--------------------|-------|----------------|-----------------------|
| 141924                                                                           | Prime | FLORIDA DOT, COLUMBIA CO. FL   TRUNK LINE CIPP CONTR#E2T57 | JC                                                                               |                    |       | \$584,444.00   | \$584,444.00          |
|                                                                                  |       |                                                            |                                                                                  |                    |       |                |                       |
| Project Manager                                                                  |       |                                                            | Bid Date                                                                         | Project Close Date |       |                |                       |
| Curvel,Brandt Mitchell                                                           |       |                                                            | 02-11-2015                                                                       | 08-14-2015         |       |                |                       |
|                                                                                  |       |                                                            |                                                                                  |                    |       |                |                       |
| Customer                                                                         |       |                                                            | Owner                                                                            |                    |       |                |                       |
| Department of Transportation - State of Florida, FL - *Main Office - Tallahassee |       |                                                            | Department of Transportation - State of Florida, FL - *Main Office - Tallahassee |                    |       |                |                       |
| 605 Suwannee Street<br>Leon<br>Tallahassee FL 32399                              |       |                                                            | 605 Suwannee Street<br>Leon<br>Tallahassee FL 32399                              |                    |       |                |                       |
| +1 850 4144100                                                                   |       |                                                            | +1 850 4144100                                                                   |                    |       |                |                       |
|                                                                                  |       |                                                            | AIS                                                                              | STD                | Total | SR's           |                       |
|                                                                                  |       |                                                            | 24                                                                               | 227                | 227   | 0              |                       |
|                                                                                  |       |                                                            | 30                                                                               | 588                | 588   |                |                       |
|                                                                                  |       |                                                            | 36                                                                               | 1,001              | 1,001 |                |                       |
|                                                                                  |       |                                                            | 42                                                                               | 245                | 245   |                |                       |
|                                                                                  |       |                                                            | 48                                                                               | 484                | 484   |                |                       |
|                                                                                  |       |                                                            | 54                                                                               | 295                | 295   |                |                       |
|                                                                                  |       |                                                            | 60                                                                               | 267                | 267   |                |                       |
|                                                                                  |       |                                                            | Total                                                                            | 2,545              | 562   | 3,107          |                       |

| JDE Job Number | Role | Project Description                                              | Project Status | Contract Value | Final Contract Amount |
|----------------|------|------------------------------------------------------------------|----------------|----------------|-----------------------|
| 141927         | Sub  | POSPIECH CONTRACTING, ORANGE CO   CHICKASAW WOODS WATER&WW SYST. | JC             | \$545,182.80   | \$566,931.73          |

| Project Manager       |  | Bid Date   | Project Close Date |  |  |
|-----------------------|--|------------|--------------------|--|--|
| Gerber, Brandon Wayne |  | 10-10-2014 | 04-29-2016         |  |  |
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| JDE Job Number | Role  | Project Description                                           | Project Status | Contract Value | Final Contract Amount |
|----------------|-------|---------------------------------------------------------------|----------------|----------------|-----------------------|
| 141928         | Prime | HILLSBOROUGH CO.,BCC#15-0231   PIPELINE REH,ITB-C-003402015ST | JC             | \$2,719,477.00 | \$2,081,026.11        |

| Project Manager      |  | Bid Date   | Project Close Date |
|----------------------|--|------------|--------------------|
| Gerber,Brandon Wayne |  | 01-20-2015 | 11-11-2016         |

| Customer                              |  |                                       |  |  |  |
|---------------------------------------|--|---------------------------------------|--|--|--|
| County of Hillsborough, FL            |  | County of Hillsborough, FL            |  |  |  |
| 925 East Twigg Street<br>Hillsborough |  | 925 East Twigg Street<br>Hillsborough |  |  |  |

|       | AIS   | ILS    | STD    | Total  | SR's |
|-------|-------|--------|--------|--------|------|
| 8     | 4,546 | 11,926 | 21,318 | 37,790 | 0    |
| 10    | 1,967 |        | 1,515  | 3,482  |      |
| 12    | 1,702 |        | 1,425  | 3,127  |      |
| 18    | 82    |        | 60     | 142    |      |
| Total | 8,297 | 11,926 | 24,318 | 44,541 |      |



| JDE Job Number | Role | Project Description                                            | Project Status | Contract Value | Final Contract Amount |
|----------------|------|----------------------------------------------------------------|----------------|----------------|-----------------------|
| 141929         | Sub  | KIMMINS CONTRACTING, JOB#41508   STORMWATER WORCS HILLSBOROUGH | JC             | \$422,040.00   | \$388,694.50          |

| Project Manager       | Bid Date   | Project Close Date | STD | Total | SR's |
|-----------------------|------------|--------------------|-----|-------|------|
| Gerber, Brandon Wayne | 02-19-2015 | 07-27-2015         | 24  | 248   | 0    |

| Customer | Owner | STD   | Total | SR's |
|----------|-------|-------|-------|------|
|          |       | 317   | 317   |      |
|          |       | 565   | 565   |      |
|          |       | Total |       |      |

| Customer                 | Owner                      |
|--------------------------|----------------------------|
| Kimmins Contracting Corp | County of Hillsborough, FL |
| 1501 E 2nd Avenue        | 925 East Twiggs Street     |
| Hillsborough             | Hillsborough               |
| Tampa FL 33605-5005      | Tampa FL 33602             |
| +1 813 2483878           | +1 813 7445600             |

| JDE Job Number | Role | Project Description | Project Status | Contract Value | Final Contract Amount |
|----------------|------|---------------------|----------------|----------------|-----------------------|
|----------------|------|---------------------|----------------|----------------|-----------------------|

| Project Manager | Bid Date | Project Close Date | STD   | Total | SR's |
|-----------------|----------|--------------------|-------|-------|------|
|                 |          |                    | 8     |       |      |
|                 |          |                    | 10    |       |      |
|                 |          |                    | Total |       |      |

| Customer | Owner | STD   | Total | SR's |
|----------|-------|-------|-------|------|
|          |       |       |       |      |
|          |       |       |       |      |
|          |       | Total |       |      |

| Customer | Owner |
|----------|-------|
|          |       |
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| JDE Job Number | Role | Project Description | Project Status | Contract Value | Final Contract Amount |
|----------------|------|---------------------|----------------|----------------|-----------------------|
|----------------|------|---------------------|----------------|----------------|-----------------------|

| Project Manager | Bid Date | Project Close Date | STD   | Total | SR's |
|-----------------|----------|--------------------|-------|-------|------|
|                 |          |                    | 8     |       |      |
|                 |          |                    | 10    |       |      |
|                 |          |                    | 12    |       |      |
|                 |          |                    | Total |       |      |

| Customer | Owner | STD   | Total | SR's |
|----------|-------|-------|-------|------|
|          |       |       |       |      |
|          |       |       |       |      |
|          |       | Total |       |      |

| Customer | Owner |
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| JDE Job Number | Role  | Project Description                                  | Project Status | Contract Value | Final Contract Amount |
|----------------|-------|------------------------------------------------------|----------------|----------------|-----------------------|
| 14193520       | Prime | MELBOURNE FL SANITARY FY15-16   SANITARY CIPP LINING | JC             | \$1,428,846.70 | \$1,499,343.60        |

| Project Manager         | Bid Date                | Project Close Date |
|-------------------------|-------------------------|--------------------|
| Curvel Brandt Mitchell  | 12-22-2015              | 03-08-2017         |
| Customer                | Owner                   |                    |
| City of Melbourne, FL   | City of Melbourne, FL,  |                    |
| 2891 Harper Road        | 2891 Harper Road        |                    |
| Melbourne FL 32904-1154 | Brevard                 |                    |
| +1 321 6745726          | Melbourne FL 32904-1154 |                    |
|                         | +1 321 6745726          |                    |

|       | STD    | Total  | SR's |
|-------|--------|--------|------|
| 8     | 38,488 | 38,488 | 0    |
| 10    | 3,939  | 3,939  |      |
| 12    | 2,670  | 2,670  |      |
| Total | 45,097 | 45,097 |      |

| JDE Job Number | Role | Project Description | Project Status | Contract Value | Final Contract Amount |
|----------------|------|---------------------|----------------|----------------|-----------------------|
|----------------|------|---------------------|----------------|----------------|-----------------------|

| Project Manager | Bid Date | Project Close Date |
|-----------------|----------|--------------------|
|                 |          |                    |
| Customer        | Owner    |                    |
|                 |          |                    |
|                 |          |                    |
|                 |          |                    |

|       | STD | Total | SR's |
|-------|-----|-------|------|
| 8     |     |       |      |
| 10    |     |       |      |
| 12    |     |       |      |
| 15    |     |       |      |
| Total |     |       |      |

| JDE Job Number | Role | Project Description | Project Status | Contract Value | Final Contract Amount |
|----------------|------|---------------------|----------------|----------------|-----------------------|
|----------------|------|---------------------|----------------|----------------|-----------------------|

| Project Manager | Bid Date | Project Close Date |
|-----------------|----------|--------------------|
|                 |          |                    |
| Customer        | Owner    |                    |
|                 |          |                    |
|                 |          |                    |
|                 |          |                    |

|       | STD | Total | SR's |
|-------|-----|-------|------|
| 8     |     |       |      |
| 10    |     |       |      |
| Total |     |       |      |

| JDE Job Number | Role | Project Description                                          | Project Status | Contract Value | Final Contract Amount |
|----------------|------|--------------------------------------------------------------|----------------|----------------|-----------------------|
| 141954         | Sub  | METRO EQUIPMENT SERV,ORANGE CO   SHENANDOAH PARK WTR&WW-PKG3 | JC             | \$744,348.25   | \$730,547.25          |

| Project Manager      | Bid Date   | Project Close Date |
|----------------------|------------|--------------------|
| Gerber,Brandon Wayne | 03-17-2015 | 04-28-2016         |

| Customer             | Owner                |
|----------------------|----------------------|
| County of Orange, FL | County of Orange, FL |
| 9150 Curry Ford Road | 9150 Curry Ford Road |
| Orange               | Orange               |
| Orlando FL 32825     | Orlando FL 32825     |
| +1 407 2549900       | +1 407 2549900       |

| ILS   | STD    | Total | SR's   |
|-------|--------|-------|--------|
| 8     | 14,341 | 2,400 | 0      |
| Total | 14,341 | 2,400 | 16,741 |

| JDE Job Number | Role  | Project Description                                | Project Status | Contract Value | Final Contract Amount |
|----------------|-------|----------------------------------------------------|----------------|----------------|-----------------------|
| 14196401       | Prime | MIAMI-DADE CO.RPQ#P0168,REL.1   SANIT. SEWER REHAB | JC             | \$586,671.20   | \$586,905.86          |

| Project Manager  | Bid Date   | Project Close Date |
|------------------|------------|--------------------|
| Kendrix, Frank A | 12-01-2015 | 03-12-2016         |

| Customer                                              | Owner                                                 |
|-------------------------------------------------------|-------------------------------------------------------|
| Miami-Dade Water and Sewer - *Main Office - Miami, FL | Miami-Dade Water and Sewer - *Main Office - Miami, FL |
| 3071 SW 38 Avenue Suit 561                            | 3071 SW 38 Avenue Suit 561                            |
| Miami-Dade                                            | Miami-Dade                                            |
| Miami FL 33173-2503                                   | Miami FL 33173-2503                                   |
| +1 305 6697753                                        | +1 305 6697753                                        |

| STD   | Total  | SR's   |
|-------|--------|--------|
| 8     | 16,760 | 16,760 |
| 10    | 1,380  | 1,380  |
| 12    | 957    | 957    |
| 15    | 403    | 403    |
| Total | 19,500 | 19,500 |

| JDE Job Number | Role  | Project Description                                  | Project Status | Contract Value | Final Contract Amount |
|----------------|-------|------------------------------------------------------|----------------|----------------|-----------------------|
| 14196402       | Prime | MIAMI-DADE CO.RPQ#P0168,REL.2   SANITARY SEWER REHAB | JC             | \$672,421.60   | \$674,638.59          |

| Project Manager  | Bid Date   | Project Close Date |
|------------------|------------|--------------------|
| Kendrix, Frank A | 01-25-2016 | 04-20-2016         |

| Customer                                              | Owner                                                 |
|-------------------------------------------------------|-------------------------------------------------------|
| Miami-Dade Water and Sewer - *Main Office - Miami, FL | Miami-Dade Water and Sewer - *Main Office - Miami, FL |
| 3071 SW 38 Avenue Suit 561                            | 3071 SW 38 Avenue Suit 561                            |
| Miami-Dade                                            | Miami-Dade                                            |
| Miami FL 33173-2503                                   | Miami FL 33173-2503                                   |
| +1 305 6697753                                        | +1 305 6697753                                        |

| STD   | Total  | SR's   |
|-------|--------|--------|
| 8     | 19,098 | 19,098 |
| 10    | 643    | 643    |
| 12    | 27     | 27     |
| 15    | 395    | 395    |
| Total | 20,163 | 20,163 |

| JDE Job Number | Role  | Project Description                                    | Project Status | Contract Value | Final Contract Amount |
|----------------|-------|--------------------------------------------------------|----------------|----------------|-----------------------|
| 14196403       | Prime | MIAMI-DADE CO, RPO#P0168, REL.3   SANITARY SEWER REHAB | JC             | \$687,938.04   | \$806,184.68          |

| Project Manager  | Bid Date   | Project Close Date |
|------------------|------------|--------------------|
| Kendrix, Frank A | 03-17-2016 | 06-13-2016         |

| Customer                                              | Owner                                                 |
|-------------------------------------------------------|-------------------------------------------------------|
| Miami-Dade Water and Sewer - *Main Office - Miami, FL | Miami-Dade Water and Sewer - *Main Office - Miami, FL |
| 3071 SW 38 Avenue Suit 561                            | 3071 SW 38 Avenue Suit 561                            |
| Miami-Dade                                            | Miami-Dade                                            |
| Miami FL 33173-2503                                   | Miami FL 33173-2503                                   |
| +1 305 6697753                                        | +1 305 6697753                                        |

|       | ILS    | STD   | Total  | SR's |
|-------|--------|-------|--------|------|
| 8     | 15,186 | 8,910 | 24,096 | 0    |
| 10    |        | 377   | 377    |      |
| Total | 15,186 | 9,287 | 24,473 |      |

| JDE Job Number | Role | Project Description                                           | Project Status | Contract Value | Final Contract Amount |
|----------------|------|---------------------------------------------------------------|----------------|----------------|-----------------------|
| 141973         | Both | BOWLING GREEN FL, 2015 REHAB   SANIT. SEW. IMPROVEMENTS REHAB | JC             | \$652,562.90   | \$647,192.70          |

| Project Manager       | Bid Date   | Project Close Date |
|-----------------------|------------|--------------------|
| Gerber, Brandon Wayne | 12-17-2015 | 08-15-2016         |

| Customer                  | Owner                     |
|---------------------------|---------------------------|
| City of Bowling Green, FL | City of Bowling Green, FL |
| 104 E Main St             | 104 E Main St             |
| Hardee                    | Hardee                    |
| Bowling Green FL 33834    | Bowling Green FL 33834    |
| +1 863 3752255            | +1 863 3752255            |

|       | ILS   | STD   | Total | SR's |
|-------|-------|-------|-------|------|
| 8     | 4,751 | 1,501 | 6,252 | 0    |
| 10    | 285   |       | 285   |      |
| Total | 5,036 | 1,501 | 6,537 |      |

| JDE Job Number | Role  | Project Description                                              | Project Status | Contract Value | Final Contract Amount |
|----------------|-------|------------------------------------------------------------------|----------------|----------------|-----------------------|
| 141974         | Prime | INDIAN RIVER CLUB COMM. ASSOC.   72" STORM REHAB, MSA PJ#15-1940 | JC             | \$458,163.00   | \$458,163.00          |

| Project Manager  | Bid Date   | Project Close Date |
|------------------|------------|--------------------|
| Kendrix, Frank A | 12-10-2015 | 04-13-2016         |

| Customer            | Owner               |
|---------------------|---------------------|
| Indian River Club   | Indian River Club   |
| Country Club Rd     | Country Club Rd     |
| Indian River        | Indian River        |
| Vero Beach FL 32961 | Vero Beach FL 32961 |
| +1 555 5555555      | +1 555 5555555      |

|       | STD | Total | SR's |
|-------|-----|-------|------|
| 72    | 706 | 706   | 0    |
| Total | 706 | 706   |      |



| JDE Job Number | Role  | Project Description                                             | Project Status | Contract Value | Final Contract Amount |
|----------------|-------|-----------------------------------------------------------------|----------------|----------------|-----------------------|
| 142010         | Prime | UTILITIES INC. OF FL., PARENT   SANLANDO I & I, PHASE 2, PARENT | JC             | \$718,969.40   | \$727,327.70          |

| Project Manager                      | Bid Date                               | Project Close Date |
|--------------------------------------|----------------------------------------|--------------------|
| Gerber, Brandon Wayne                | 06-10-2016                             | 02-17-2017         |
| Customer                             | Owner                                  |                    |
| Utilities, Inc. - Sanlando Utilities | Utilities Inc. - Altamonte Springs, FL |                    |
| 200 Weathersfield Ave.               | 200 Weathersfield Avenue               |                    |
| Seminole                             | Seminole                               |                    |
| Altamonte Springs FL 32714           | Altamonte Springs FL 32714             |                    |
| +1 800 2721919                       | +1 800 2721919                         |                    |

|       | ILS    | STD    | Total  | SR's |
|-------|--------|--------|--------|------|
| 8     | 8,546  | 8,372  | 16,918 | 0    |
| 10    | 2,809  | 4,042  | 6,851  |      |
| Total | 11,355 | 12,414 | 23,769 |      |

| JDE Job Number | Role  | Project Description                                   | Project Status | Contract Value | Final Contract Amount |
|----------------|-------|-------------------------------------------------------|----------------|----------------|-----------------------|
| 14202001       | Prime | POMPANO BEACH FL, REL.1   CIPP REHAB, WORK RELEASE #1 | JC             | \$518,059.50   | \$531,093.90          |

| Project Manager           | Bid Date                  | Project Close Date |
|---------------------------|---------------------------|--------------------|
| Kendrix, Frank A          | 11-18-2016                | 04-21-2017         |
| Customer                  | Owner                     |                    |
| City of Pompano Beach, FL | City of Pompano Beach, FL |                    |
| 1201 NE 3rd Avenue        | 1201 NE 3rd Avenue        |                    |
| Broward                   | Broward                   |                    |
| Pompano Beach FL 33060    | Pompano Beach FL 33060    |                    |
| +1 954 7864153            | +1 954 7864153            |                    |

|       | STD    | Total  | SR's |
|-------|--------|--------|------|
| 8     | 14,268 | 14,268 | 0    |
| 10    | 916    | 916    |      |
| 21    | 427    | 427    |      |
| Total | 15,611 | 15,611 |      |

| JDE Job Number | Role  | Project Description                                       | Project Status | Contract Value | Final Contract Amount |
|----------------|-------|-----------------------------------------------------------|----------------|----------------|-----------------------|
| 14202101       | Prime | SARASOTA FL, HARBOR ACRES   MCCLELAN PARK & DR MLK JR WAY | JC             | \$484,737.50   | \$463,123.10          |

| Project Manager        | Bid Date               | Project Close Date |
|------------------------|------------------------|--------------------|
| Gerber, Brandon Wayne  | 12-29-2016             | 05-17-2017         |
| Customer               | Owner                  |                    |
| City of Sarasota, FL   | City of Sarasota, FL   |                    |
| 1750 12th Street       | 1750 12th Street       |                    |
| Sarasota               | Sarasota               |                    |
| Sarasota FL 34236-2687 | Sarasota FL 34236-2687 |                    |
| +1 941 9552325         | +1 941 9552325         |                    |

|       | AIS   | STD    | Total  | SR's |
|-------|-------|--------|--------|------|
| 8     |       | 10,175 | 10,175 | 0    |
| 12    |       | 734    | 734    |      |
| 15    | 1,356 |        | 1,356  |      |
| Total | 1,356 | 10,909 | 12,265 |      |



| JDE Job Number | Role  | Project Description                                           | Project Status | Contract Value | Final Contract Amount |
|----------------|-------|---------------------------------------------------------------|----------------|----------------|-----------------------|
| 14202902       | Prime | ST. PETE BEACH FL, RELEASE 2   VVV SYSTEM PIPE LINING, REL#2, | JC             | \$669,918.98   | \$646,331.55          |

| Project Manager      | Bid Date   | Project Close Date | STD | Total  | SR's |
|----------------------|------------|--------------------|-----|--------|------|
| Gerber,Brandon Wayne | 03-07-2017 | 10-05-2017         | 8   | 13,988 | 0    |

| Customer                                          | Owner                                             |       |        |
|---------------------------------------------------|---------------------------------------------------|-------|--------|
| City of Saint Petersburg Beach, FL                | City of Saint Petersburg Beach, FL                |       |        |
| 7701 Boca Ciega Drive<br>Briarcliff<br>Briarcliff | 7701 Boca Ciega Drive<br>Briarcliff<br>Briarcliff | 12    | 771    |
|                                                   |                                                   | 21    | 345    |
|                                                   |                                                   | Total | 16,671 |

| JDE Job Number | Role | Project Description | Project Status | Contract Value | Final Contract Amount |
|----------------|------|---------------------|----------------|----------------|-----------------------|
|----------------|------|---------------------|----------------|----------------|-----------------------|

| Project Manager | Bid Date | Project Close Date |
|-----------------|----------|--------------------|
|                 |          |                    |

| Customer | Owner |
|----------|-------|
|          |       |

|  | ILS   | STD | Total | SR's |
|--|-------|-----|-------|------|
|  | 8     |     |       |      |
|  | 10    |     |       |      |
|  | 12    |     |       |      |
|  | 30    |     |       |      |
|  | Total |     |       |      |

| JDE Job Number | Role  | Project Description                                        | Project Status | Contract Value | Final Contract Amount |
|----------------|-------|------------------------------------------------------------|----------------|----------------|-----------------------|
| 142040         | Prime | TAMPA FL, PO#117214840   HOWARD F. CURREN JUNCT. CHAMBER 2 | JC             | \$811,055.83   | \$647,260.28          |

| Project Manager       | Bid Date   | Project Close Date | STD   | Total | SR's |
|-----------------------|------------|--------------------|-------|-------|------|
| Gerber, Brandon Wayne | 02-03-2017 | 05-12-2017         | 66    | 175   | 0    |
|                       |            |                    | Total | 175   |      |

| Customer                                                   | Owner                                                      |
|------------------------------------------------------------|------------------------------------------------------------|
| City of Tampa,FL                                           | City of Tampa,FL                                           |
| 1506 Street Louis Street<br>Hillsborough<br>Tampa FL 33602 | 1506 Street Louis Street<br>Hillsborough<br>Tampa FL 33602 |
| *1 813 2748916                                             | +1 813 2748916                                             |



| JDE Job Number | Role | Project Description | Project Status | Contract Value | Final Contract Amount |
|----------------|------|---------------------|----------------|----------------|-----------------------|
|----------------|------|---------------------|----------------|----------------|-----------------------|

| Project Manager | Bid Date | Project Close Date |
|-----------------|----------|--------------------|
|-----------------|----------|--------------------|

| STD | Total | SR's |
|-----|-------|------|
|-----|-------|------|

| Customer | Owner |
|----------|-------|
|          |       |
|          |       |
|          |       |

| JDE Job Number | Role  | Project Description                                           | Project Status | Contract Value | Final Contract Amount |
|----------------|-------|---------------------------------------------------------------|----------------|----------------|-----------------------|
| 142062         | Prime | FLORIDA DOT, COLUMBIA CO. FL   CONT#E2W73,FINAN.PJ#4210237290 | JC             | \$432,716.20   | \$432,716.20          |

| Project Manager        | Bid Date   | Project Close Date |
|------------------------|------------|--------------------|
| Curvel,Brandt Mitchell | 05-17-2017 | 09-08-2017         |

| AIS | STD | Total | SR's |
|-----|-----|-------|------|
| 15  | 93  | 93    | 0    |

| Customer                                                                    | Owner                                                                       |
|-----------------------------------------------------------------------------|-----------------------------------------------------------------------------|
| Department of Transportation - State of Florida, FL- District 2 - Lake City | Department of Transportation - State of Florida, FL- District 2 - Lake City |
| 1109 South Marion Avenue                                                    | 1109 South Marion Avenue                                                    |
| Columbia                                                                    | Columbia                                                                    |
| Lake City FL 32025                                                          | Lake City FL 32025                                                          |
| +1 386 9617800                                                              | +1 386 9617800                                                              |

|       |       |       |       |
|-------|-------|-------|-------|
| 24    | 180   | 180   |       |
| 30    | 175   | 175   |       |
| 36    | 207   | 207   |       |
| 42    | 1,257 | 1,257 |       |
| 48    | 383   | 383   |       |
| 54    | 268   | 268   |       |
| Total | 2,295 | 268   | 2,563 |





Proprietary Property and Trade Secret of Aegion, Inc. Unauthorized Use, Dissemination and Disclosure Strictly Prohibited.

## Contract Qualification Closed Projects ( 2013 - Present ) - Detail Contract Value

| Project JDE<br>Job Number | Contract<br>Value | Final Contract<br>Amount |
|---------------------------|-------------------|--------------------------|
| 14152851                  | \$516,957.10      | \$657,846.30             |
| 14162191                  | \$613,027.88      | \$681,328.87             |
| 14169114                  | \$1,060,771.60    | \$1,146,956.70           |
| 14172510                  | \$687,529.72      | \$735,850.62             |
| 14172512                  | \$687,212.08      | \$646,414.93             |
| 14173008                  | \$484,691.40      | \$464,533.40             |
| 141757                    | \$1,676,267.79    | \$1,571,076.60           |
| 14175924                  | \$415,205.95      | \$247,929.07             |
| 14179805                  | \$433,319.00      | \$447,660.00             |
| 14179806                  | \$470,122.70      | \$459,376.30             |
| 14179807                  | \$707,892.80      | \$710,036.80             |
| 14179815                  | \$444,565.30      | \$419,558.30             |
| 14180001                  | \$539,538.65      | \$337,613.83             |
| 141804                    | \$1,191,113.20    | \$1,138,354.47           |
| 141812                    | \$1,361,717.40    | \$1,298,598.60           |
| 141820                    | \$597,848.70      | \$604,111.10             |
| 14182201                  | \$687,544.20      | \$609,029.50             |
| 14182811                  | \$709,462.00      | \$654,300.50             |
| 14184901                  | \$904,152.84      | \$912,625.00             |
| 141850                    | \$550,351.20      | \$535,615.20             |
| 141853                    | \$586,686.40      | \$566,350.00             |
| 141856                    | \$825,449.20      | \$800,339.30             |
| 14185601                  | \$625,676.80      | \$614,935.20             |
| 14185611                  | \$416,357.40      | \$416,349.80             |
| 14186321                  | \$638,977.01      | \$602,121.40             |
| 14186323                  | \$486,652.85      | \$303,555.14             |
| 14186326                  | \$495,977.48      | \$526,734.98             |
| 14186328                  | \$1,475,987.04    | \$1,567,398.35           |
| 14186504                  | \$498,571.80      | \$519,891.00             |
| 141868                    | \$528,839.52      | \$534,677.30             |
| 14187201                  | \$539,198.58      | \$580,100.62             |
| 14187202                  | \$731,242.48      | \$760,802.17             |
| 14187203                  | \$1,287,661.25    | \$1,182,349.92           |
| 14187204                  | \$882,834.11      | \$601,591.79             |
| 14187901                  | \$603,234.14      | \$655,024.14             |





| Project JDE<br>Job Number | Contract<br>Value      | Final Contract<br>Amount |
|---------------------------|------------------------|--------------------------|
| 141895                    | \$654,559.50           | \$641,993.50             |
| 141897                    | \$434,416.00           | \$458,986.00             |
| 141899                    | \$3,213,066.97         | \$3,408,864.55           |
| 141901                    | \$1,434,458.30         | \$1,323,590.34           |
| 14190901                  | \$764,928.76           | \$1,026,319.67           |
| 14190902                  | \$637,330.15           | \$648,400.63             |
| 14191205                  | \$426,158.63           | \$447,736.65             |
| 141917                    | \$491,292.70           | \$503,682.10             |
| 141920                    | \$485,100.40           | \$327,217.05             |
| 141924                    | \$584,444.00           | \$584,444.00             |
| 141927                    | \$545,182.80           | \$566,931.73             |
| 141928                    | \$2,719,477.00         | \$2,081,026.11           |
| 141929                    | \$422,040.00           | \$388,694.50             |
| 141931                    | \$539,703.50           | \$538,784.90             |
| 141934                    | \$1,197,917.00         | \$1,193,364.90           |
| 14193520                  | \$1,428,846.70         | \$1,499,343.60           |
| 141944                    | \$662,726.60           | \$685,047.80             |
| 141948                    | \$990,558.00           | \$547,344.65             |
| 141954                    | \$744,348.25           | \$730,547.25             |
| 14196401                  | \$586,671.20           | \$586,905.86             |
| 14196402                  | \$672,421.60           | \$674,638.59             |
| 14196403                  | \$687,938.04           | \$806,184.68             |
| 141973                    | \$652,562.90           | \$647,192.70             |
| 141974                    | \$458,163.00           | \$458,163.00             |
| 14197601                  | \$564,460.56           | \$728,676.20             |
| 14197602                  | \$420,139.21           | \$407,021.20             |
| 141980                    | \$2,420,055.90         | \$2,124,265.10           |
| 142010                    | \$718,969.40           | \$727,327.70             |
| 14202001                  | \$518,059.50           | \$531,093.90             |
| 14202101                  | \$464,737.50           | \$463,123.10             |
| 14202902                  | \$669,918.98           | \$646,331.55             |
| 142031                    | \$1,652,412.10         | \$3,206,560.10           |
| 142040                    | \$611,055.83           | \$647,260.28             |
| 142061                    | \$464,296.20           | \$496,340.60             |
| 142062                    | \$432,716.20           | \$432,716.20             |
|                           | <b>\$55,633,770.95</b> | <b>\$55,697,157.89</b>   |



## **Brandon Gerber**

### **Project Manager**

#### **Education**

- Bachelors Degree in Business Finance w/ a concentration in Architecture (Kent State University, OH)
- Seventeen (17) years of experience in the construction industry (Heavy Earthwork moving, site utility installation, & site development)
- Eight (8) years of environmental construction experience
- Eight (8) years of work experience with Sewer Rehabilitation

#### **Experience**

Mr. Gerber possesses excellent client, subcontractor, vender and employee relationship skills. Mr. Gerber is adept at controlling costs, meeting deadlines and maintaining a safe work environment. Mr. Gerber directs field crews that are specifically trained in sewer evaluation and rehabilitation work. He is directly responsible for all CIPP operations. Mr. Gerber has managed field operations for Cured in Place Pipe rehabilitation projects for Insituform throughout the State of Florida.

Mr. Gerber has managed several crews with a combined total of over 1,500,000 linear feet of Cured in Place Pipe within the last year. The pipe sizes range from 6 inch to 72 inch in diameter. This includes sanitary sewer and storm sewer.

Mr. Gerber's direct responsibilities include managing all aspects of the sewer rehabilitation work: scheduling, submittals, client relationships, safety standards, financial reporting, cost projecting, cost monitoring / control, quality assurance, invoicing, payment collection, close out documents etc.

#### **Safety Training**

American Safety & Health Institute – CPR  
American Safety & Health Institute – First Aid  
OSHA 10-Hour Course  
PACP Certified

#### **Contacts**

| <b><u>City/Municipality</u></b> | <b><u>Contact</u></b> | <b><u>Phone #</u></b> |
|---------------------------------|-----------------------|-----------------------|
| City Dunedin                    | Lance Parris          | 727-452-0721          |
| Sarasota County                 | Jason Brown           | 941-650-3728          |
| City of Sarasota                | Carlos Marin          | 941-365-2200          |
| Kurt Stokke                     | City of Bradenton     | 941-932-7350          |
| Brett Warner                    | St Pete Beach         | 727-363-9254          |
| TOHO Water Authority            | Quyen Newell          | 407-944-5028          |
| Pinellas County                 | Jeremy Waugh          | 727-947-2767          |



**Insituform**  
*Technologies, LLC*

**Noe Puebla**  
Superintendent

### **Education**

18 + Years work experience with Insituform Technologies, LLC.

### **Experience**

Mr. Puebla manages over the crew's operation that is trained in Air/Steam and Water inversion of sewer rehabilitation work all over the state of Florida. He is directly responsible for the daily execution of fieldwork as well as the collection of all field-related data. Mr. Puebla is in charge of safety, quality, training and scheduling of ITI install crew's daily tasks. He currently manages a six-man install crew. Mr. Puebla areas of expertise include Cured in Place Pipe for large and small diameter rehabilitation for trenchless technologies.

During his years with ITI Mr. Puebla has been involved with the installation of over 1,000,000 feet of cured in place pipe from sizes 8" – 84". Mr. Puebla has several years of hands on experience with all aspects of evaluation and rehabilitation operations. He has also been involved in a significant amount of sewer reconstruction work. Mr. Puebla has work on Municipal projects, Department of Transportation projects, Industrial projects and Military projects.

### **Training**

Confined Space Entry  
OSHA 10-Hour Course  
American Safety & Health Institute – CPR  
American Safety & Health Institute – First Aid  
Safe Handling of Traffic in Construction and Maintenance Areas  
Insituform Supervisor Qualification Safety Training



**Tony Maldonado**  
Crew Foreman

**Education**

7 Years work experience with Insituform Technologies LLC.

**Experience**

Mr. Maldonado is foreman for a crew that is trained in Air/Steam and Water inversion of sewer rehabilitation work all over the state of Florida. He supports the Superintendent in daily execution of fieldwork as well as the collection of all field-related data and fills in as superintendent as needed. Mr. Maldonado also provides leadership in safety, quality, training and scheduling of ITI install crew's daily tasks. He is an integral part of a seven-man install crew. Mr. Maldonado's areas of expertise include Cured in Place Pipe for large and small diameter rehabilitation for trenchless technologies.

During his 7 years with ITI, Mr. Maldonado has been involved with the installation of over 800,000 feet of cured in place pipe from sizes 6" – 72". Mr. Maldonado has several years of hands-on experience with all aspects of evaluation and rehabilitation operations. He has also been involved in a significant amount of sewer reconstruction work. Mr. Maldonado has worked on Municipal projects, Department of Transportation projects, Industrial projects, and Military projects.

**Training**

Confined Space Entry  
OSHA 10-Hour Course  
American Safety & Health Institute – CPR  
American Safety & Health Institute – First Aid  
Insituform Foreman Qualification Safety Training  
NASSCO PACP Certification

## Independent Test Results

### Product tested:

Cured-In-Place Pipe Insituform® Process

### Test:

Design Life

### Conducted by:

Trenchless Technology Center at Louisiana Tech University; funded by U.S. Army Corps of Engineers

### Report Date:

August 1994

**INNOVATIVE METHODS OF TESTING** the long-term structural behavior of Cured-In-Place Pipe (CIPP) demonstrates that the Insituform product design life exceeds 50 years and that ASTM F-1216 design recommendations for physical properties are conservative for the Insituform product.

The research was conducted by the Trenchless Technology Center (TTC) at Louisiana Tech University and funded by the U.S. Army Corps of Engineers. The purpose was to provide, for the first time, an independent assessment of manufacturer's claims regarding long-term buckling behavior of their pipeline rehabilitation products.

## *Research conducted by the Trenchless Technology Center at Louisiana Tech University confirms Insituform's 50-year design life.*

The expected design life and long-term behavior of trenchless pipeline rehabilitation products is important to owners and engineers in evaluating the various systems available in the marketplace, especially since none of these systems have been in actual service for the design lives claimed. This becomes even more critical considering the recent growth of the trenchless pipeline rehabilitation industry and that many products have less than five years of experience.

The research included both experimental and analytical studies related to the application of CIPP and Fold-and-Formed Pipe (FFP) technologies in partially deteriorated, gravity pipeline applications where bonding did not exist between the plastic pipe and the host pipe.

Five manufacturers participated in the test program. Seven different products, including six CIPP products and one FFP product, were evaluated in approximately 200 tests. Insituform products that were tested included Insituform® Standard, which is a widely used polyester resin Insitupipe® material, and Insituform® Enhanced, which contains an additive to the polyester resin to increase the flexural properties of the finished Insituform product.

The plastic pipes were encased in steel pipes, with hydrostatic pressure applied between the two pipes. To measure long-term performance, each test remained under constant pressures for up to 10,000 hours or until failure, whichever occurred first. The test results were plotted and extrapolated beyond the test period to estimate behavior up to 50 years.

Standardized material tests (flexure, tensile and pipe stiffness tests) were also conducted to characterize the fundamental properties of the product materials.

## PUTTING CLAIMS TO THE TEST

### Overview of Test System and Procedures

The installation of all products used in the test was performed by the manufacturers on the Louisiana Tech University campus under close monitoring by TTC personnel. Forty specimens each of Insituform Standard and Insituform Enhanced were tested.

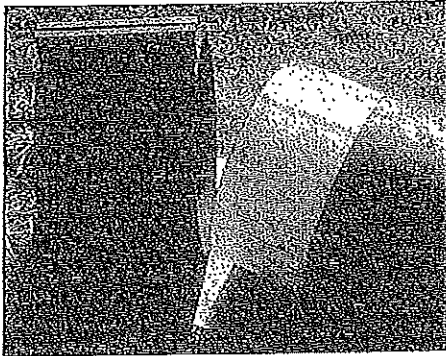


Figure 1

Each test specimen was installed to fit snugly inside a 1.83 m (6 ft.) long, 305 mm (12 in.) internal diameter, schedule 40 steel casing pipe. Each casing pipe was fitted with short, bolted pipe segments (clamshells) at each end. (See Figure 1). Preparing the specimens for testing involved trimming the ends flush with the clamshells, removing the clamshells, and cleaning the ends of the specimens. This resulted in the plastic pipe extending beyond the ends of the steel casing pipes. The specimens were then fitted with end seals applied externally, spanning the casing pipe and plastic pipe. (See Figure 2). The end seals contained the water at the prescribed pressure, which was

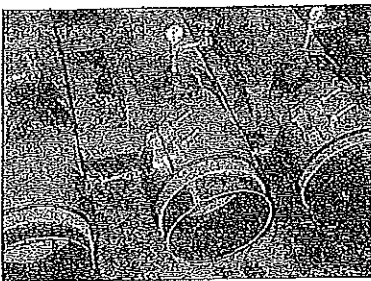


Figure 2

supplied between the plastic and casing pipes from a pressurized water distribution system.

At least three specimens of each product were used for short-term buckling tests to determine the upper pressure limit for the long-term tests. A regulator was used to raise the pressure on the specimen, and the rate of load application was kept constant until failure occurred.

For the long-term tests, each specimen was pressurized at a controlled rate of 10 psi/minute (69 kPa/minute) until a selected pressure was reached. A minimum of five pressure levels were selected for each product to cause the specimens to fail at various times over a 10,000-hour test period.

Specimens were monitored at least once a day for evidence of buckling. Failures that occurred during normal work hours were monitored manually. After normal work hours, failures were detected electronically.

### Material Characterization Tests

Numerous tests, including flexural modulus, flexural strength and tensile strength, were conducted on each product according to ASTM standards. On each of these tests, the results found that both Insituform products far surpassed the design values. (See Table 1).

Table 1  
Material Characterization Tests (Short-term)

| PHYSICAL PROPERTY | INSITUFORM PRODUCT | ASTM TEST METHOD | MANUFACTURER'S DESIGN VALUE<br>psi (MPa) | TTC TEST RESULTS<br>psi (MPa) |
|-------------------|--------------------|------------------|------------------------------------------|-------------------------------|
| Flexural Modulus  | Standard           | D790             | 300,000<br>(2070)                        | 448,630<br>(3090)             |
|                   | Enhanced           | D790             | 400,000<br>(2760)                        | 538,620<br>(3710)             |
| Flexural Strength | Standard           | D790             | 4,500<br>(31)                            | 9,310<br>(64)                 |
|                   | Enhanced           | D790             | 4,000<br>(28)                            | 8,400<br>(58)                 |

From JTQ Technical Report A302, Table 4-2



## SHORT-TERM TEST RESULTS

Short-term buckling tests demonstrate that Insituform design is conservative in terms of both the enhancement factor, K, and the predicted buckling pressures using the following ASTM F-1216 design model:

$$P = \frac{2KE_L}{(1-\nu^2)} \cdot \frac{1}{(DR-1)^3} \cdot \frac{C}{N} \quad (1)$$

where, P = Buckling pressure, psi (MPa)  
 K = Enhancement factor  
 E<sub>L</sub> = Long-term (time-corrected) modulus of elasticity, psi (MPa)  
 ν = Poisson's ratio  
 DR = Dimension ratio (outside diameter divided by thickness)  
 C = Ovality factor = 1 (for test program)  
 N = Safety factor = 1 (for analysis of test data)

The enhancement factor, K, is a measure of the restraining action of the host pipe that encases the Insituform product and greatly increases the allowable external buckling pressure. A conservative enhancement factor of 7 is typically recommended for design. The tests measured the average enhancement factor, K, of the Insituform Standard at 9.8 and the Insituform Enhanced product at 10.5.

## CREEP FACTOR

Creep factor reflects the reduction in buckling resistance of a plastic pipe over time, typically 50 years. The creep factor, C<sub>L</sub>, is the ratio of Experimental E<sub>L</sub> to the measured flexural modulus reported in Table 1 and represents the retention of buckling resistance at 50 years (i.e., E<sub>L</sub> = C<sub>L</sub> E). A value of C<sub>L</sub> greater than the manufacturer's recommended value is desirable. As shown in Table 2, the reported creep factor confirms the conservative nature of the 50% creep reduction factor applied to flexural modulus in the Insituform product design.

Table 2  
Creep Factor

|                     | TTC Creep Factor, C <sub>L</sub> | Manufacturer's Recommended Design Value |
|---------------------|----------------------------------|-----------------------------------------|
| Insituform Standard | 0.58 (42% reduction)             | 0.50 (50% reduction)                    |
| Insituform Enhanced | 0.73 (27% reduction)             | 0.50 (50% reduction)                    |

From TTC Technical Report #302, Table 4-B

## LONG-TERM TEST RESULTS

Regression analysis was used to extrapolate long-term buckling pressures beyond the 10,000-hour test period to 50 years. (See Figure 3, next page).

### Flexural Modulus

Test results supported the flexural modulus reduced to account for long-term effects, E<sub>L</sub>, used in the Insituform product design, by comparing it to the experimentally derived apparent long-term flexural modulus for a 50-year design life. The tested value greatly exceeded the conservative value used in the Insituform product design. (See Table 3).

Table 3  
Flexural Modulus (Long-term)

|                     | TTC Experimental E <sub>L</sub><br>psi (MPa) | Manufacturer's Recommended Design E <sub>L</sub><br>psi (MPa) |
|---------------------|----------------------------------------------|---------------------------------------------------------------|
| Insituform Standard | 259,990<br>(1790)                            | 150,000<br>(1030)                                             |
| Insituform Enhanced | 393,965<br>(2720)                            | 200,000<br>(1380)                                             |

From TTC Technical Report #302, Table 4-B

### LONG-TERM BUCKLING BEHAVIOR

It is important that the design procedures used for a rehabilitation product accurately predict the long-term structural behavior of the product. The TTC data analysis compared the long-term buckling test data to that predicted by Equation 1. This comparison indicated that Equation 1 conservatively predicts long-term hydrostatic buckling behavior of both Insituform products.

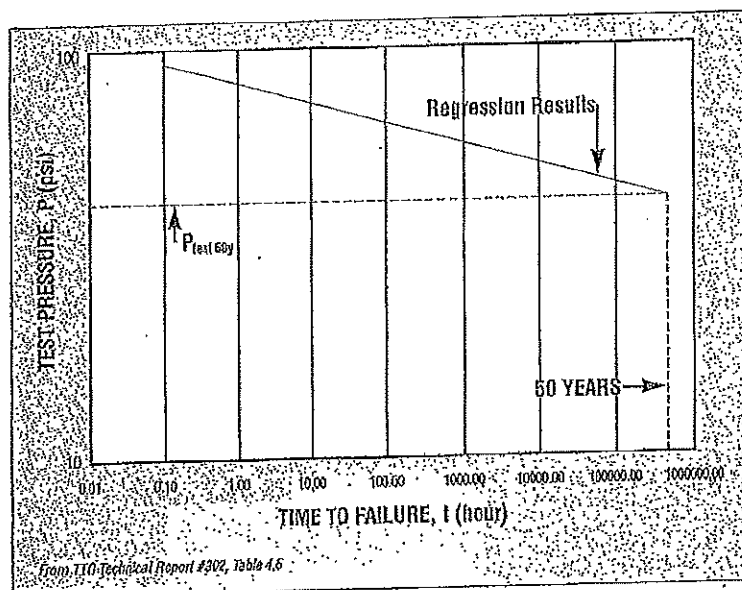


Figure 3. Long-term Test and Regression Results for Insituform Enhanced Product.

### 50 - PLUS YEARS DESIGN LIFE

One of the primary goals of the TTC test program was to evaluate the design lives of various rehabilitation products. This was accomplished by comparing the 50-year extrapolated test pressure to the design 50-year buckling pressure calculated using Equation 1 with manufacturer's recommended design values for  $E_r$ . An Insituform design life in excess of 50 years was confirmed.

### WITHSTANDING THE TESTS OF TIME

The most rigorous, innovative and independent tests ever conducted on pipeline rehabilitation products clearly demonstrates that service life beyond 50 years can be expected with properly designed and installed Insituform products.

A copy of "Long-Term Structural Behavior of Pipeline Rehabilitation Systems" (TTC Technical Report #302) may be obtained by writing:

Trenchless Technology Center  
Louisiana Tech University  
P.O. Box 10348  
Ruston, Louisiana 71272

or by calling (318) 257-4072.



**Insituform  
Technologies, Inc.**  
*Worldwide Pipeline Rehabilitation*

702 Spirit 40 Park Drive  
Chesterfield, MO 63005  
Toll Free: 800-234-2992  
Phone: 636-530-8000  
Fax: 636-519-8010

*An Insituform® cured-in-place pipe (CIPP) continues to exceed industry performance standards after 30 years in service.*

#### Independent Test Results

##### Product tested:

Insituform® Cured-In-Place Pipe (CIPP)

##### Test:

Flexural Properties

##### Conducted by:

Bodycote Materials Testing Ltd.

##### Report Date:

November 2001

#### SUMMARY OF RESULTS

- After 30 years of service in a London sewer carrying both domestic and industrial effluent, an Insituform® CIPP was found to have a flexural modulus exceeding the nearest contemporary UK Water Industry Specification by 50%, and the current US standard by more than 90%.
- The 30-year-old pipe's flexural modulus was an improvement over test data obtained after 20 years in service.
- There was no apparent deterioration in the overall performance of the Insituform® CIPP between its 20th and 30th year in service.

#### INTRODUCTION

In October 2001, tests were conducted by Bodycote Materials Testing Ltd. to determine the flexural properties of the samples taken from an Insituform® CIPP that had been in service for 30 years.

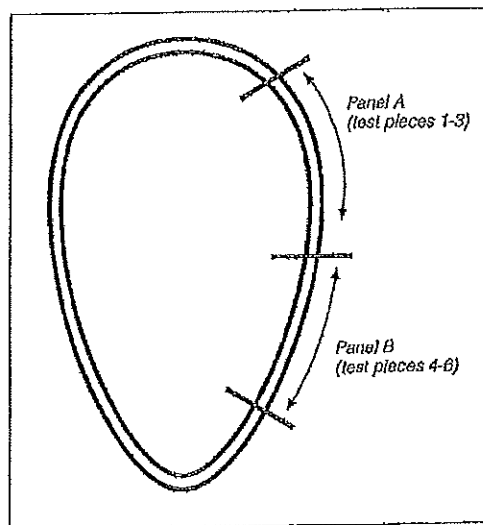
The pipe samples were taken from a 1,170 mm X 600 mm (46 in. X 24 in.) egg-shaped sewer at Riverside Close in Hackney, London. This is the same Insituform® CIPP that was sampled and tested in 1991, after 20 years in service, by Bodycote's predecessor MTS Pendar Ltd.

Supervising removal of the samples were representatives from both Bodycote and the sewer Owner, Thames Water Utilities Limited.

#### PROCEDURE

Two panels, approximately 300 mm (12 in.) square, were taken from a side wall of the sewer, approximately four meters downstream from a manhole. Three test pieces were cut from each panel as shown in the diagram below.

The flexural properties of each test piece were determined by the method of BS EN ISO 178, in accordance with current UK Water Industry Specification (WIS) 4-34-04.

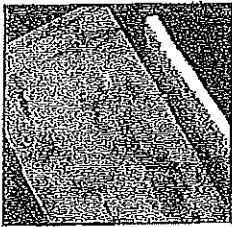


## RESULTS AND CONCLUSIONS

After 30 years in service, the Insituform® CIPP continues to exceed industry performance

standards, and further, the pipe showed no significant deterioration in overall performance between its 20th and 30th years of service.

Table 1  
30-Year Test Results



View of inside face of sample panel and a test piece cut from it.

| Sample  | Flexural Modulus         | Flexural Strength   |
|---------|--------------------------|---------------------|
| Panel A | 3,100 MPa<br>450,000 psi | 39 MPa<br>5,700 psi |
| Panel B | 3,500 MPa<br>500,000 psi | 47 MPa<br>6,800 psi |
| Mean    | 3,300 MPa<br>480,000 psi | 43 MPa<br>6,200 psi |

Table 2  
Comparison of Mean Flexural Properties After 30 and 20 Years of Service

| Flexural Property | Samples |         | Industry Standards |             |
|-------------------|---------|---------|--------------------|-------------|
|                   | 30-year | 20-year | WIS 4-34-04        | ASTM F 1216 |
| Modulus           |         |         |                    |             |
| MPa               | 3,300   | 2,900   | 2,200*             | —           |
| psi               | 480,000 | 420,000 | —                  | 250,000     |
| Strength          |         |         |                    |             |
| MPa               | 43      | 46      | 25                 | —           |
| psi               | 6,200   | 6,700   | —                  | 4,500       |

\* As specified in Issue 1 of the WIS. Issue 2 refers to declared values but does not specify a minimum flexural modulus.

## REFERENCES:

1. WIS 4-34-04 April 1986: Issue 1, "Specification for Polyester Insituform Sewer Linings."
2. WIS 4-34-04 March 1995: Issue 2, "Specification for Renovation of Gravity Sewers by Lining with Cured-In-Place Pipes."
3. BS EN ISO 178: 1998, "Plastics-Determination of Flexural Properties."
4. ASTM F 1216, "Standard Practice for Rehabilitation of Existing Pipelines and Conduits by the Inversion and Curing of a Resin-Impregnated Tube."
5. MTS Pender Report 48204, September 19, 1991 (20-year test)
6. Badycola Report B110264, November 15, 2001 (30-year test)

 **Insituform  
Technologies, Inc.**  
Worldwide Pipeline Rehabilitation



**STS****Specialty Testing Services****TEST REPORT (CIP PROPERTIES)**

CLIENT: Insituform Technologies, Inc  
6972 BUSINESS PARK BLVD.  
JACKSONVILLE, FL. 32256  
Attention: Brandon Gerber

Project Name: Tampa  
Project No.: 141928 Hillsborough Co  
Sample ID: Shot # 39-187  
Diameter:  
Thickness:  
Length:  
Manhole Location: A 15 - B 38  
Installed Date:  
Street:  
Specimen Prepared By: J. Woods  
Specimen Tested By: J. Woods

DATE: 2/5/16  
REPORT NO.: STS-510-0073

|                     |                         |                   |
|---------------------|-------------------------|-------------------|
| REMARKS:            | SAMPLES RECEIVED 2/1/16 | TEMPERATURE: 72 F |
| CONDITION PROCEDURE | ASTM D618 PROCEDURE A   | Humidity: 50%     |

**FLEXURAL PROPERTIES (ASTM D-790-13 Procedure B)**

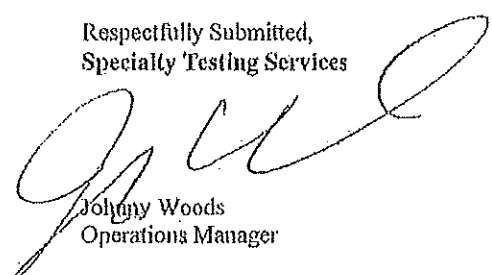
| SAMPLE ID          | Depth<br>In. | Width<br>In. | FLEXURAL YIELD<br>STRENGTH<br>PSI | MODULUS OF<br>ELASTICITY<br>PSI |
|--------------------|--------------|--------------|-----------------------------------|---------------------------------|
| 1                  | .210         | .783         | 8816                              | 600634                          |
| 2                  | .210         | .795         | 7668                              | 342721                          |
| 3                  | .230         | .777         | 7562                              | 485321                          |
| 4                  | .235         | .788         | 7835                              | 447413                          |
| 5                  | .236         | .795         | 7279                              | 440542                          |
| Mean               |              |              | 7832                              | 463326                          |
| Standard Deviation |              |              | 586                               | 93079                           |

**THICKNESS PROPERTIES (ASTM D-3567)**

| Reading #    | 1    | 2    | 3    | 4    | 5    | 6    | 7    | 8    |
|--------------|------|------|------|------|------|------|------|------|
| Thickness mm | 5.87 | 5.71 | 5.96 | 6.14 | 6.28 | 6.14 | 6.32 | 6.47 |

| Min. Thickness mm | Max. Thickness mm | Avg. Thickness mm |
|-------------------|-------------------|-------------------|
| 5.71              | 6.47              | 6.111             |

Remarks:

Respectfully Submitted,  
Specialty Testing Services  
Johnny Woods  
Operations Manager

3179 Green Valley Rd. #451

Birmingham, Alabama 35243

Telephone: (205) 281-2349

**STS****Specialty Testing Services****TEST REPORT (CIP PROPERTIES)**

CLIENT: Insituform Technologies, Inc  
6972 BUSINESS PARK BLVD.  
JACKSONVILLE, FL. 32256  
Attention: Brandon Gerber

Project Name: Tampa  
Project No.: 141928 Hillsborough Co  
Sample ID: Shot # 130  
Diameter:  
Thickness:  
Length:  
Manhole Location: 0405-019-018-017  
Installed Date:  
Street:  
Specimen Prepared By: J. Woods  
Specimen Tested By: J. Woods

DATE: 2/5/16  
REPORT NO.: STS-510-0072

|                     |                         |                   |
|---------------------|-------------------------|-------------------|
| REMARKS:            | SAMPLES RECEIVED 2/1/16 | TEMPERATURE: 72 F |
| CONDITION PROCEDURE | ASTM D618 PROCEDURE A   | Humidity: 50%     |

**FLEXURAL PROPERTIES (ASTM D-790-13 Procedure B)**

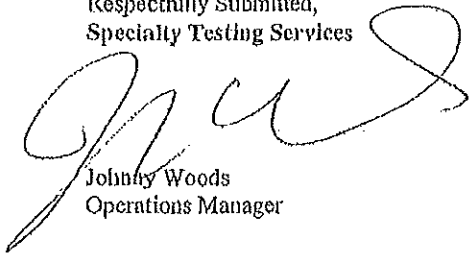
| SAMPLE ID          | Depth<br>In. | Width<br>In. | FLEXURAL YIELD<br>STRENGTH<br>PSI | MODULUS OF<br>ELASTICITY<br>PSI |
|--------------------|--------------|--------------|-----------------------------------|---------------------------------|
| 1                  | .195         | .800         | 5353                              | 301486                          |
| 2                  | .195         | .789         | 4761                              | 307261                          |
| 3                  | .206         | .794         | 5082                              | 288595                          |
| 4                  | .208         | .799         | 5255                              | 299602                          |
| 5                  | .215         | .795         | 5325                              | 308252                          |
| Mean               |              |              | 5155                              | 301040                          |
| Standard Deviation |              |              | 244                               | 7871                            |

**THICKNESS PROPERTIES (ASTM D-3567)**

| Reading #    | 1    | 2    | 3    | 4    | 5    | 6    | 7    | 8    |
|--------------|------|------|------|------|------|------|------|------|
| Thickness mm | 6.22 | 6.31 | 5.95 | 5.82 | 6.11 | 6.47 | 6.24 | 6.39 |

| Min. Thickness mm | Max. Thickness mm | Avg. Thickness mm |
|-------------------|-------------------|-------------------|
| 5.82              | 6.47              | 6.189             |

Remarks:

Respectfully Submitted,  
Specialty Testing Services  
Johnny Woods  
Operations Manager

3179 Green Valley Rd. #451

Birmingham, Alabama 35243

Telephone: (205) 281-2349

**STS****Specialty Testing Services****TEST REPORT (CIP PROPERTIES)**

CLIENT: Insituform Technologies, Inc  
6972 BUSINESS PARK BLVD.  
JACKSONVILLE, FL 32256  
Attention: Brandon Gerber

Project Name: Tampa  
Project No.: 141928 Hillsborough Co  
Sample ID: Shot # 142  
Diameter:  
Thickness:  
Length:  
Manhole Location: 055-054  
Installed Date:  
Street:  
Specimen Prepared By: J. Woods  
Specimen Tested By: J. Woods

DATE: 2/5/16  
REPORT NO.: STS-510-0071

|                     |                         |                   |
|---------------------|-------------------------|-------------------|
| REMARKS;            | SAMPLES RECEIVED 2/1/16 | TEMPERATURE: 72 F |
| CONDITION PROCEDURE | ASTM D618 PROCEDURE A   | Humidity: 50%     |

**FLEXURAL PROPERTIES (ASTM D-790-13 Procedure B)**

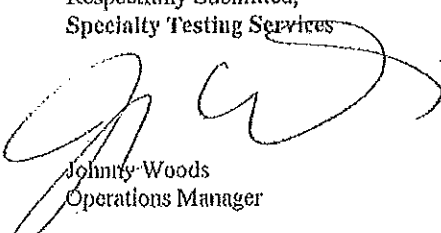
| SAMPLE ID          | Depth<br>In. | Width<br>In. | FLEXURAL YIELD<br>STRENGTH<br>PSI | MODULUS OF<br>ELASTICITY<br>PSI |
|--------------------|--------------|--------------|-----------------------------------|---------------------------------|
| 1                  | .205         | .800         | 7329                              | 362832                          |
| 2                  | .210         | .802         | 7391                              | 424959                          |
| 3                  | .212         | .786         | 6939                              | 342536                          |
| 4                  | .215         | .799         | 7117                              | 363772                          |
| 5                  | .217         | .795         | 7800                              | 414621                          |
| Mean               |              |              | 7315                              | 381744                          |
| Standard Deviation |              |              | 324                               | 35938                           |

**THICKNESS PROPERTIES (ASTM D-3567)**

| Reading #    | 1    | 2    | 3    | 4    | 5    | 6    | 7    | 8    |
|--------------|------|------|------|------|------|------|------|------|
| Thickness mm | 6.32 | 5.91 | 6.08 | 6.09 | 6.22 | 6.28 | 6.43 | 6.17 |

| Min. Thickness mm | Max. Thickness mm | Avg. Thickness mm |
|-------------------|-------------------|-------------------|
| 5.91              | 6.43              | 6.188             |

Remarks:

Respectfully Submitted,  
Specialty Testing Services  
Johnny Woods  
Operations Manager

3179 Green Valley Rd, #451

Birmingham, Alabama 35243

Telephone: (205) 281-2349



**STS****Specialty Testing Services****TEST REPORT (CIP PROPERTIES)**

CLIENT: Insituform Technologies, Inc  
6972 BUSINESS PARK BLVD.  
JACKSONVILLE, FL. 32256  
Attention: Brandon Gerber

Project Name: Tampa  
Project No.: 141928 Hillsborough Co  
Sample ID: Shot # 39-187  
Diameter:  
Thickness:  
Length:  
Manhole Location: A 15 - B 38  
Installed Date:  
Street:  
Specimen Prepared By: J. Woods  
Specimen Tested By: J. Woods

DATE: 2/5/16  
REPORT NO.: STS-510-0073

|                     |                         |                   |
|---------------------|-------------------------|-------------------|
| REMARKS:            | SAMPLES RECEIVED 2/1/16 | TEMPERATURE: 72 F |
| CONDITION PROCEDURE | ASTM D618 PROCEDURE A   | Humidity: 50%     |

**FLEXURAL PROPERTIES (ASTM D-790-13 Procedure B)**

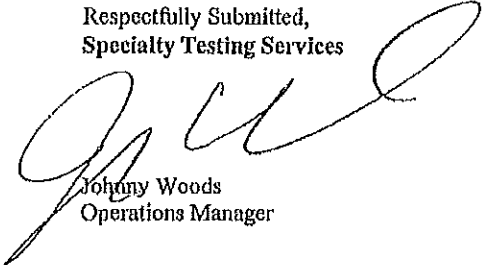
| SAMPLE ID          | Depth<br>In. | Width<br>In. | FLEXURAL YIELD<br>STRENGTH<br>PSI | MODULUS OF<br>ELASTICITY<br>PSI |
|--------------------|--------------|--------------|-----------------------------------|---------------------------------|
| 1                  | .210         | .783         | 8816                              | 600634                          |
| 2                  | .210         | .795         | 7668                              | 342721                          |
| 3                  | .230         | .777         | 7562                              | 485321                          |
| 4                  | .235         | .788         | 7835                              | 447413                          |
| 5                  | .236         | .795         | 7279                              | 440542                          |
| Mean               |              |              | 7832                              | 463326                          |
| Standard Deviation |              |              | 586                               | 93079                           |

**THICKNESS PROPERTIES (ASTM D-3567)**

| Reading #    | 1    | 2    | 3    | 4    | 5    | 6    | 7    | 8    |
|--------------|------|------|------|------|------|------|------|------|
| Thickness mm | 5.87 | 5.71 | 5.96 | 6.14 | 6.28 | 6.14 | 6.32 | 6.47 |

| Min. Thickness mm | Max. Thickness mm | Avg. Thickness mm |
|-------------------|-------------------|-------------------|
| 5.71              | 6.47              | 6.111             |

Remarks:

Respectfully Submitted,  
Specialty Testing Services  
Johnny Woods  
Operations Manager

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Birmingham, Alabama 35243

Telephone: (205) 281-2349

**STS****Specialty Testing Services****TEST REPORT (CIP PROPERTIES)**

CLIENT: Insituform Technologies, Inc  
6972 BUSINESS PARK BLVD.  
JACKSONVILLE, FL. 32256  
Attention: Brandon Gerber

Project Name: Tampa  
Project No.: 141928 Hillsborough Co  
Sample ID: Shot # 130  
Diameter:  
Thickness:  
Length:  
Manhole Location: 0405-019-018-017  
Installed Date:  
Street:  
Specimen Prepared By: J. Woods  
Specimen Tested By: J. Woods

DATE: 2/5/16  
REPORT NO.: STS-510-0072

|                     |                         |                   |
|---------------------|-------------------------|-------------------|
| REMARKS:            | SAMPLES RECEIVED 2/1/16 | TEMPERATURE: 72 F |
| CONDITION PROCEDURE | ASTM D618 PROCEDURE A   | Humidity: 50%     |

**FLEXURAL PROPERTIES (ASTM D-790-13 Procedure B)**

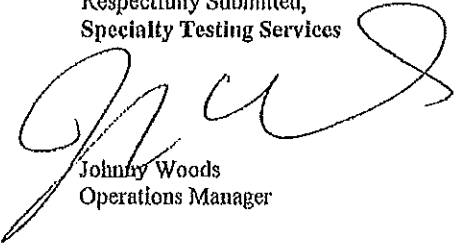
| SAMPLE ID          | Depth<br>In. | Width<br>In. | FLEXURAL YIELD<br>STRENGTH<br>PSI | MODULUS OF<br>ELASTICITY<br>PSI |
|--------------------|--------------|--------------|-----------------------------------|---------------------------------|
| 1                  | .195         | .800         | 5353                              | 301486                          |
| 2                  | .195         | .789         | 4761                              | 307261                          |
| 3                  | .206         | .794         | 5082                              | 288595                          |
| 4                  | .208         | .799         | 5255                              | 299602                          |
| 5                  | .215         | .795         | 5325                              | 308252                          |
| Mean               |              |              | 5155                              | 301040                          |
| Standard Deviation |              |              | 244                               | 7871                            |

**THICKNESS PROPERTIES (ASTM D-3567)**

| Reading #    | 1    | 2    | 3    | 4    | 5    | 6    | 7    | 8    |
|--------------|------|------|------|------|------|------|------|------|
| Thickness mm | 6.22 | 6.31 | 5.95 | 5.82 | 6.11 | 6.47 | 6.24 | 6.39 |

| Min. Thickness mm | Max. Thickness mm | Avg. Thickness mm |
|-------------------|-------------------|-------------------|
| 5.82              | 6.47              | 6.189             |

Remarks:

Respectfully Submitted,  
Specialty Testing Services  
Johnny Woods  
Operations Manager

3179 Green Valley Rd. #451

Birmingham, Alabama 35243

Telephone: (205) 281-2349

**STS****Specialty Testing Services****TEST REPORT (CIP PROPERTIES)**

**CLIENT:** Insituform Technologies, Inc  
6972 BUSINESS PARK BLVD.  
JACKSONVILLE, FL. 32256  
Attention: Brandon Gerber

**Project Name:** Tampa  
**Project No.:** 141928 Hillsborough Co  
**Sample ID:** Shot # 142  
**Diameter:**  
**Thickness:**  
**Length:**  
**Manhole Location:** 055-054  
**Installed Date:**  
**Street:**  
**Specimen Prepared By:** J. Woods  
**Specimen Tested By:** J. Woods

**DATE:** 2/5/16  
**REPORT NO.:** STS-510-0071

|                            |                         |                   |
|----------------------------|-------------------------|-------------------|
| <b>REMARKS:</b>            | SAMPLES RECEIVED 2/1/16 | TEMPERATURE: 72 F |
| <b>CONDITION PROCEDURE</b> | ASTM D618 PROCEDURE A   | Humidity: 50%     |

**FLEXURAL PROPERTIES (ASTM D-790-13 Procedure B)**

| SAMPLE ID          | Depth<br>In. | Width<br>In. | FLEXURAL YIELD<br>STRENGTH<br>PSI | MODULUS OF<br>ELASTICITY<br>PSI |
|--------------------|--------------|--------------|-----------------------------------|---------------------------------|
| 1                  | .205         | .800         | 7329                              | 362832                          |
| 2                  | .210         | .802         | 7391                              | 424959                          |
| 3                  | .212         | .786         | 6939                              | 342536                          |
| 4                  | .215         | .799         | 7117                              | 363772                          |
| 5                  | .217         | .795         | 7800                              | 414621                          |
| Mean               |              |              | 7315                              | 381744                          |
| Standard Deviation |              |              | 324                               | 35938                           |

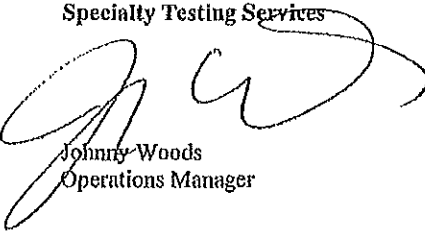
**THICKNESS PROPERTIES (ASTM D-3567)**

| Reading #    | 1    | 2    | 3    | 4    | 5    | 6    | 7    | 8    |
|--------------|------|------|------|------|------|------|------|------|
| Thickness mm | 6.32 | 5.91 | 6.08 | 6.09 | 6.22 | 6.28 | 6.43 | 6.17 |

| Min. Thickness mm | Max. Thickness mm | Avg. Thickness mm |
|-------------------|-------------------|-------------------|
| 5.91              | 6.43              | 6.188             |

**Remarks:**

Respectfully Submitted,  
Specialty Testing Services

  
Johnny Woods  
Operations Manager

3179 Green Valley Rd. #451

Birmingham, Alabama 35243

Telephone: (205) 281-2349

**STS****Specialty Testing Services****TEST REPORT (CIP PROPERTIES)**

CLIENT: Insituform Technologies, Inc  
1340 FORREST PARKWAY SUITE B  
LAKE CITY, GA. 30260  
Attention: Steve Roberts

Project Name: Fayetteville PWC  
Project No.: 27057105  
Sample ID:  
Diameter: 8"  
Thickness: 7.5 mm  
Length:  
Manhole Location: 115771-115770  
Installed Date: 7/13/16  
Location: Gillespie  
Specimen Prepared By: J. Woods  
Specimen Tested By: J. Woods

DATE: 8/11/16  
REPORT NO.: STS-220-0490

|                     |                         |                   |
|---------------------|-------------------------|-------------------|
| REMARKS:            | SAMPLES RECEIVED 8/5/16 | TEMPERATURE: 72 F |
| CONDITION PROCEDURE | ASTM D618 PROCEDURE A   | Humidity: 50%     |

**FLEXURAL PROPERTIES (ASTM D-790-13 Procedure B)**

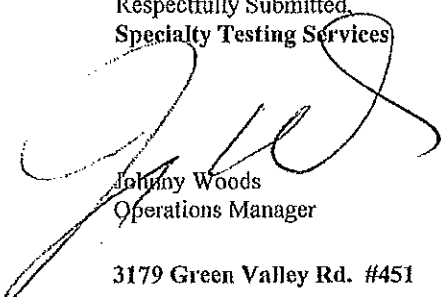
| SAMPLE ID          | Depth<br>In. | Width<br>In. | FLEXURAL YIELD<br>STRENGTH<br>PSI | MODULUS OF<br>ELASTICITY<br>PSI |
|--------------------|--------------|--------------|-----------------------------------|---------------------------------|
| 1                  | .245         | .654         | 8181                              | 503253                          |
| 2                  | .246         | .665         | 8225                              | 481797                          |
| 3                  | .248         | .665         | 7221                              | 465791                          |
| 4                  | .253         | .663         | 7685                              | 453746                          |
| 5                  | .253         | .665         | 7397                              | 440043                          |
| Mean               |              |              | 7742                              | 468926                          |
| Standard Deviation |              |              | 452                               | 24589                           |

**THICKNESS PROPERTIES (ASTM D-3567)**

| Reading #    | 1    | 2    | 3    | 4    | 5    | 6    | 7    | 8    |
|--------------|------|------|------|------|------|------|------|------|
| Thickness mm | 6.65 | 6.53 | 6.89 | 6.67 | 6.72 | 6.51 | 6.63 | 6.76 |

| Min. Thickness mm | Max. Thickness mm | Avg. Thickness mm |
|-------------------|-------------------|-------------------|
| 6.51              | 6.89              | 6.670             |

Remarks:

Respectfully Submitted,  
Specialty Testing Services  
Johnny Woods  
Operations Manager

3179 Green Valley Rd. #451

Birmingham, Alabama 35243

Telephone: (205) 281-2349



## Specialty Testing Services

### TEST REPORT (CIP PROPERTIES)

|                     |                                                                                                                      |                                                                                                                                                                                        |                                                                                                              |
|---------------------|----------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------|
| CLIENT:             | Insituform Technologies, Inc<br>1340 FORREST PARKWAY SUITE B<br>LAKE CITY, GA. 30260<br><br>Attention: Steve Roberts | Project Name:<br>Project No.:<br>Sample ID:<br>Diameter:<br>Thickness:<br>Length:<br>Manhole Location:<br>Installed Date:<br>Location:<br>Specimen Prepared By:<br>Specimen Tested By: | Fayetteville PWC<br>27057105<br><br>8"<br>6mm<br><br>124523<br>7/11/16<br>Circle Dr.<br>J. Woods<br>J. Woods |
| DATE:               | 8/11/16                                                                                                              |                                                                                                                                                                                        |                                                                                                              |
| REPORT NO.:         | STS-220-0489                                                                                                         |                                                                                                                                                                                        |                                                                                                              |
| REMARKS:            | SAMPLES RECEIVED 8/5/16                                                                                              | TEMPERATURE: 72 F                                                                                                                                                                      |                                                                                                              |
| CONDITION PROCEDURE | ASTM D618 PROCEDURE A                                                                                                | Humidity: 50%                                                                                                                                                                          |                                                                                                              |

### FLEXURAL PROPERTIES (ASTM D-790-13 Procedure B)

| SAMPLE ID          | Depth<br>In. | Width<br>In. | FLEXURAL YIELD<br>STRENGTH<br>PSI | MODULUS OF<br>ELASTICITY<br>PSI |
|--------------------|--------------|--------------|-----------------------------------|---------------------------------|
| 1                  | .235         | .668         | 6964                              | 384347                          |
| 2                  | .238         | .675         | 6857                              | 386642                          |
| 3                  | .230         | .671         | 7750                              | 446258                          |
| 4                  | .237         | .666         | 7215                              | 477940                          |
| 5                  | .229         | .679         | 7798                              | 461045                          |
| Mean               |              |              | 7317                              | 431247                          |
| Standard Deviation |              |              | 437                               | 43251                           |

### THICKNESS PROPERTIES (ASTM D-3567)

| Reading #    | 1    | 2    | 3    | 4    | 5    | 6    | 7    | 8    |
|--------------|------|------|------|------|------|------|------|------|
| Thickness mm | 5.88 | 5.74 | 5.93 | 5.51 | 5.68 | 5.77 | 5.82 | 5.71 |

| Min. Thickness mm | Max. Thickness mm | Avg. Thickness mm |
|-------------------|-------------------|-------------------|
| 5.51              | 5.88              | 5.755             |

Remarks:

Respectfully Submitted,  
Specialty Testing Services

Johnny Woods  
Operations Manager

3179 Green Valley Rd. #451

Birmingham, Alabama 35243

Telephone: (205) 281-2349



## Specialty Testing Services

### TEST REPORT (CIP PROPERTIES)

CLIENT: Insituform Technologies, Inc  
1340 FORREST PARKWAY SUITE B  
LAKE CITY, GA. 30260  
Attention: Steve Roberts

Project Name: Fayetteville PWC  
Project No.: 27057105  
Sample ID:  
Diameter: 8"  
Thickness: 6mm  
Length:  
Manhole Location: 124523  
Installed Date: 7/18/16  
Location: Cliffdale  
Specimen Prepared By: J. Woods  
Specimen Tested By: J. Woods

DATE: 8/11/16  
REPORT NO.: STS-220-0488

|                     |                         |                   |
|---------------------|-------------------------|-------------------|
| REMARKS:            | SAMPLES RECEIVED 8/5/16 | TEMPERATURE: 72 F |
| CONDITION PROCEDURE | ASTM D618 PROCEDURE A   | Humidity: 50%     |

### FLEXURAL PROPERTIES (ASTM D-790-13 Procedure B)

| SAMPLE ID          | Depth<br>In. | Width<br>In. | FLEXURAL YIELD<br>STRENGTH<br>PSI | MODULUS OF<br>ELASTICITY<br>PSI |
|--------------------|--------------|--------------|-----------------------------------|---------------------------------|
| 1                  | .230         | .677         | 5280                              | 346124                          |
| 2                  | .223         | .672         | 6670                              | 377232                          |
| 3                  | .212         | .670         | 6728                              | 418716                          |
| 4                  | .194         | .651         | 6942                              | 415029                          |
| 5                  | .198         | .673         | 6508                              | 393745                          |
| Mean               |              |              | 6426                              | 390169                          |
| Standard Deviation |              |              | 658                               | 29803                           |

### THICKNESS PROPERTIES (ASTM D-3567)

| Reading #    | 1    | 2    | 3    | 4    | 5    | 6    | 7    | 8    |
|--------------|------|------|------|------|------|------|------|------|
| Thickness mm | 5.26 | 5.33 | 5.52 | 5.47 | 5.31 | 5.26 | 5.35 | 5.59 |

| Min. Thickness mm | Max. Thickness mm | Avg. Thickness mm |
|-------------------|-------------------|-------------------|
| 5.26              | 5.59              | 5.386             |

Remarks:

Respectfully Submitted,  
Specialty Testing Services

Johnny Woods  
Operations Manager

3179 Green Valley Rd. #451

Birmingham, Alabama 35243

Telephone: (205) 281-2349



## Specialty Testing Services

### TEST REPORT (CIP PROPERTIES)

|                     |                                                                                      |                       |                   |
|---------------------|--------------------------------------------------------------------------------------|-----------------------|-------------------|
| CLIENT:             | Insituform Technologies, Inc<br>1340 FORREST PARKWAY SUITE B<br>LAKE CITY, GA. 30260 | Project Name:         | Fayetteville PWC  |
|                     | Attention: Steve Roberts                                                             | Project No.:          | 27057105          |
|                     |                                                                                      | Sample ID:            |                   |
|                     |                                                                                      | Diameter:             | 8"                |
|                     |                                                                                      | Thickness:            | 6mm               |
|                     |                                                                                      | Length:               |                   |
|                     |                                                                                      | Manhole Location:     | 124525            |
|                     |                                                                                      | Installed Date:       | 7/18/16           |
|                     |                                                                                      | Location:             | Cliffdale         |
| DATE:               | 8/11/16                                                                              | Specimen Prepared By: | J. Woods          |
| REPORT NO.:         | STS-220-0487                                                                         | Specimen Tested By:   | J. Woods          |
| REMARKS:            | SAMPLES RECEIVED 8/5/16                                                              |                       | TEMPERATURE: 72 F |
| CONDITION PROCEDURE | ASTM D618 PROCEDURE A                                                                |                       | Humidity: 50%     |

### FLEXURAL PROPERTIES (ASTM D-790-13 Procedure B)

| SAMPLE ID          | Depth<br>In. | Width<br>In. | PLEXURAL YIELD<br>STRENGTH<br>PSI | MODULUS OF<br>ELASTICITY<br>PSI |
|--------------------|--------------|--------------|-----------------------------------|---------------------------------|
| 1                  | .232         | .657         | 6805                              | 459927                          |
| 2                  | .216         | .630         | 7716                              | 479562                          |
| 3                  | .226         | .645         | 6898                              | 448379                          |
| 4                  | .229         | .650         | 6956                              | 483928                          |
| 5                  | .223         | .654         | 7482                              | 540390                          |
| Mean               |              |              | 7171                              | 482437                          |
| Standard Deviation |              |              | 402                               | 35481                           |

### THICKNESS PROPERTIES (ASTM D-3567)

| Reading #    | 1    | 2    | 3    | 4    | 5    | 6    | 7    | 8    |
|--------------|------|------|------|------|------|------|------|------|
| Thickness mm | 5.68 | 5.47 | 5.73 | 5.82 | 5.64 | 5.51 | 5.53 | 5.69 |

| Min. Thickness mm | Max. Thickness mm | Avg. Thickness mm |
|-------------------|-------------------|-------------------|
| 5.47              | 5.82              | 5.634             |

Remarks:

Respectfully Submitted,  
Specialty Testing Services

Johnny Woods  
Operations Manager

3179 Green Valley Rd. #451

Birmingham, Alabama 35243

Telephone: (205) 281-2349





## Specialty Testing Services

### TEST REPORT (CIP PROPERTIES)

|                     |                                                                                                                      |                                                                                                                                                                                        |                                                                                                                      |
|---------------------|----------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------|
| CLIENT:             | Insituform Technologies, Inc<br>1340 FORREST PARKWAY SUITE B<br>LAKE CITY, GA. 30260<br><br>Attention: Steve Roberts | Project Name:<br>Project No.:<br>Sample ID:<br>Diameter:<br>Thickness:<br>Length:<br>Manhole Location:<br>Installed Date:<br>Location:<br>Specimen Prepared By:<br>Specimen Tested By: | Fayetteville PWC<br>27057105<br><br>8"<br>6mm<br><br>118773-124603<br>7/18/16<br>Progress St<br>J. Woods<br>J. Woods |
| DATE:               | 8/11/16                                                                                                              |                                                                                                                                                                                        |                                                                                                                      |
| REPORT NO.:         | STS-220-0486                                                                                                         |                                                                                                                                                                                        |                                                                                                                      |
| REMARKS:            | SAMPLES RECEIVED 8/5/16                                                                                              | TEMPERATURE: 72 F                                                                                                                                                                      |                                                                                                                      |
| CONDITION PROCEDURE | ASTM D618 PROCEDURE A                                                                                                | Humidity: 50%                                                                                                                                                                          |                                                                                                                      |

### FLEXURAL PROPERTIES (ASTM D-790-13 Procedure B)

| SAMPLE ID          | Depth<br>In. | Width<br>In. | FLEXURAL YIELD<br>STRENGTH<br>PSI | MODULUS OF<br>ELASTICITY<br>PSI |
|--------------------|--------------|--------------|-----------------------------------|---------------------------------|
| 1                  | .210         | .672         | 7727                              | 505529                          |
| 2                  | .209         | .663         | 7520                              | 464983                          |
| 3                  | .213         | .667         | 7371                              | 464553                          |
| 4                  | .218         | .670         | 6237                              | 586361                          |
| 5                  | .218         | .663         | 7432                              | 441295                          |
| Mean               |              |              | 7257                              | 472544                          |
| Standard Deviation |              |              | 586                               | 24374                           |

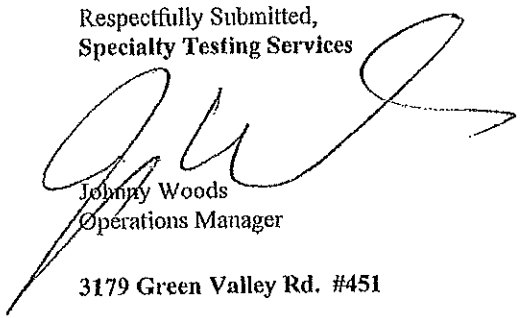
### THICKNESS PROPERTIES (ASTM D-3567)

| Reading #    | 1    | 2    | 3    | 4    | 5    | 6    | 7    | 8    |
|--------------|------|------|------|------|------|------|------|------|
| Thickness mm | 5.44 | 5.61 | 5.32 | 5.57 | 5.42 | 5.38 | 5.51 | 5.35 |

| Min. Thickness mm | Max. Thickness mm | Avg. Thickness mm |
|-------------------|-------------------|-------------------|
| 5.32              | 5.61              | 5.450             |

Remarks:

Respectfully Submitted,  
Specialty Testing Services

  
Johnny Woods  
Operations Manager

3179 Green Valley Rd. #451

Birmingham, Alabama 35243

Telephone: (205) 281-2349

1



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1819 John Moore Rd  
Monroe, NC 28110

Tel: 704.296.5110  
Fax: 704.296.5121  
www.insituform.com

**Chain of Custody Form CIPP Liner Test Samples**

Owner: Fayetteville PWC

Project: Annual FY17 Project (27047105)

Street Location: Progress St MH Location: 118773 · 124603

Sample Type (Restrained (PVC) Flat Plate): \_\_\_\_\_

Diameter: 8 Install Thickness: 6mm

Date Taken: 7-18-2016

Sample Taken by: ITI Rep: Ron McCarver

Signature: Ron McCarver

Received by or Witnessed by: Owner's Rep: \_\_\_\_\_

Signature: John Gans PWC

Shipped by: \_\_\_\_\_

Tracking #: \_\_\_\_\_

Testing Laboratory: Specialty Testing

Date Received: \_\_\_\_\_ Date Sample Tested: \_\_\_\_\_

Tested by Lab Technician: \_\_\_\_\_

Signature: \_\_\_\_\_

\*Attach test results to this form and return to ITI and/or (Owner):

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Monroe, NC 28110



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**Chain of Custody Form CIPP Liner Test Samples**

Owner: Fayetteville PWC

Project: Annual FY17 Project (27047105)

Street Location: Cliffside MH Location: 124525

Sample Type: (Restrained PVC, Flat Plate)

Diameter: 60 in Install Thickness: 6 mm

Date Taken: 7-18-16

Sample Taken by: ITI Rep: James R. J.

Signature: John Fair PWC

Received by or Witnessed by: Owner's Rep: \_\_\_\_\_

Signature: \_\_\_\_\_

Shipped by: \_\_\_\_\_

Tracking #: \_\_\_\_\_

Testing Laboratory: Specialty Testing

Date Received: \_\_\_\_\_ Date Sample Tested: \_\_\_\_\_

Tested by Lab Technician: \_\_\_\_\_

Signature: \_\_\_\_\_

\*Attach test results to this form and return to ITI and/or (Owner):

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**Chain of Custody Form CIPP Liner Test Samples**

Owner: Fayetteville PWC

Project: Annual FY17 Project (27047105)

Street Location: Cliffside MH Location: 124523

Sample Type (Restrained PVC, Flat Plate): \_\_\_\_\_

Diameter: 48 inch Install Thickness: 6 mm

Date Taken: 7-18-16

Sample Taken by: ITI Rep: Daniel Perry

Signature: John Jones PWC

Received by or Witnessed by: Owner's Rep: \_\_\_\_\_

Signature: \_\_\_\_\_

Shipped by: \_\_\_\_\_

Tracking #: \_\_\_\_\_

Testing Laboratory: Specialty Testing

Date Received: \_\_\_\_\_ Date Sample Tested: \_\_\_\_\_

Tested by Lab Technician: \_\_\_\_\_

Signature: \_\_\_\_\_

\*Attach test results to this form and return to ITI and/or (Owner):

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Monroe, NC 28110

4



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**Chain of Custody Form CIPP Liner Test Samples**

Owner: Fayetteville PWC

Project: Annual FY17 Project (27047105)

Street Location: Circle Rd MH Location: 129412

Sample Type (Restrained PVC, Flat Plate): \_\_\_\_\_

Diameter: 36 inch Install Thickness: 6mm

Date Taken: 8-11-16

Sample Taken by: ITI Rep: James Rugg

Signature: John Jones PWC

Received by or Witnessed by: Owner's Rep: \_\_\_\_\_

Signature: \_\_\_\_\_

Shipped by: \_\_\_\_\_

Tracking #: \_\_\_\_\_

Testing Laboratory: Specialty Testing

Date Received: \_\_\_\_\_ Date Sample Tested: \_\_\_\_\_

Tested by Lab Technician: \_\_\_\_\_

Signature: \_\_\_\_\_

\*Attach test results to this form and return to ITI and/or (Owner):

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Monroe, NC 28110



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**Chain of Custody Form CIPP Liner Test Samples**

Owner: Fayetteville PWC

Project: Annual FY17 Project (27047105)

Street Location: Gillespie MH Location: 115771-115770

Sample Type (Restrained PVC Flat Plate): \_\_\_\_\_

Diameter: 12 Install Thickness: 7.5 mm

Date Taken: 7-13-16

Sample Taken by: ITI Rep: Blm M<sup>c</sup>Carver

Signature: Blm M<sup>c</sup>Carver

Received by or Witnessed by: Owner's Rep: \_\_\_\_\_

Signature: John Fung PWC

Shipped by: \_\_\_\_\_

Tracking #: \_\_\_\_\_

Testing Laboratory: Specialty Testing

Date Received: \_\_\_\_\_ Date Sample Tested: \_\_\_\_\_

Tested by Lab Technician: \_\_\_\_\_

Signature: \_\_\_\_\_

\*Attach test results to this form and return to ITI and/or (Owner):

1819 John Moore Rd  
Monroe, NC 28110



July 15, 2016

|                                                                                                                |                                                                                                                                                   |
|----------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>HTS Report #:</b>                                                                                           | <b>IF613.050.Doc</b>                                                                                                                              |
| Mr. Terry White<br>Insituform Technologies LLC<br>645 W. 24 <sup>th</sup> Street, Suite 101<br>Tempe, AZ 85282 | Customer Project Name: City of Phoenix WS90500118<br>Customer Project No.: 192152<br>Date Sample Received: 7/05/16<br>Date Sample Tested: 7/14/16 |

Three (3) samples of cured-in-place pipe were delivered to HTS's laboratory for testing. The samples were tested in accordance with ASTM D790, Method I, Procedure A. A Support Span-to-Depth Ratio of 16 to 1 was used as specified in the test standard. Thickness measurements, flexural stress, and flexural modulus of elasticity tests were performed on each sample. Five (5) specimens were cut and tested from each sample. The results summarized and reported below are averages of the five (5) specimens. A test report for each sample is attached.

Note: Plastic coating 0.015" is deducted for flexural calculation.

| SHOT# | MANHOLE<br>TO<br>MANHOLE         | MAXIMUM FLEXURAL<br>FIBER STRESS, psi<br>ASTM D 790 | FLEXURAL MODULUS<br>OF ELASTICITY, psi<br>ASTM D 790 |
|-------|----------------------------------|-----------------------------------------------------|------------------------------------------------------|
| 167   | 1334-103 to 1334-102             | 9163                                                | 503,613                                              |
| 54    | 1331-112 to 1331-111             | 7157                                                | 332,295                                              |
| 88    | 1331-417 to 1331-419 to 1331-411 | 6724                                                | 408,556                                              |

The following table contains the thickness measurements for each individual specimen tested.

| MEASUREMENT OF TOTAL WALL THICKNESS FOR CURED IN PLACE PIPE LINER<br>ASTM D 5813 |                                     |       |       |       |       |       |       |       |       |                                    |     |
|----------------------------------------------------------------------------------|-------------------------------------|-------|-------|-------|-------|-------|-------|-------|-------|------------------------------------|-----|
|                                                                                  |                                     |       |       |       |       |       |       |       |       | Combined Total<br>Average/Specimen |     |
| Shot#                                                                            | Manhole to<br>Manhole               | No. 1 | No. 2 | No. 3 | No. 4 | No. 5 | No. 6 | No. 7 | No. 8 | In                                 | mm  |
| 167                                                                              | 1334-103 to 1334-102                | .266  | .237  | .225  | .247  | .250  | .242  | .227  | .245  | 0.242                              | 6.2 |
| 54                                                                               | 1331-112 to 1331-111                | .217  | .200  | .237  | .238  | .228  | .237  | .232  | .178  | 0.221                              | 5.6 |
| 88                                                                               | 1331-417 to 1331-419 to<br>1331-411 | .238  | .231  | .254  | .252  | .236  | .240  | .224  | .242  | 0.240                              | 6.1 |

|            |             |
|------------|-------------|
| Technician | E. Carrillo |
| Time       | 3hrs        |

Sincerely,

Rick Eastwood  
Vice President

This test report relates only to the items tested and shall not be reproduced except in full without approval of HTS, Inc.





**Dibble**  
Engineering

**RESTRAINED TEST-SAMPLE CHAIN OF CUSTODY LETTER**

PROJECT: City of Phoenix - Small Diameter Sanitary Sewer Rehabilitation

PROJECT NUMBER: WS90500118

CONTRACT NUMBER: 140654

ITI JOB NUMBER:

192152

-88

DIBBLE JOB NUMBER: 10-1325

DATE SAMPLE TAKEN: 06/27/16

SAMPLE NUMBER: 2016 ITI COP JOA 140654-012

SEGMENT NUMBER: 1331-417-419

QUARTER SECTION: 13-31

UPSTREAM MANHOLE  
NUMBER:

13-31-417

DOWNSTREAM MANHOLE

NUMBER: 13-31-419

METHOD OF INSTALL: Air / Steam

DIAMETER / THICKNESS: 10" / 6 mm

BATCH NUMBER: 5209160610

RESIN: 102T

**CONTRACTOR**

NAME: Insituform Technologies, Inc.  
ADDRESS: 645 W. 24th St. Suite 101 Tempe, AZ 85282  
PHONE: 480-353-9592

SAMPLE TAKEN BY:  
(ITI)

Ezequiel Benavides  
PRINT NAME AND SIGNATURE

DATE

FIELD TECHNICIAN:  
(Dibble)

Kevin Leffingwell

PRINT NAME AND SIGNATURE

DATE

**TESTING LABORATORY**

NAME: HTS Pipe Consultants, Inc.  
ADDRESS: 420 Pickering St. Houston, TX 77091  
PHONE: 713-692-8373

LABORATORY RECEIPT:

Rich Engstrom  
PRINT NAME AND SIGNATURE

DATE

SAMPLE RETURNED TO:

PRINT NAME AND SIGNATURE

DATE

**HTS Pipe Consultants, Inc.**  
420 Pickering Street, Houston, TX 77091  
www.htspipeconsultants.com

Phone 713-692-8373  
Fax 713-692-8502  
Toll Free 1-800-692-TEST



Wednesday, July 13, 2016

FLEXURAL PROPERTIES OF PLASTICS  
ASTM D790  
3 POINT BEND

INSTRON CORPORATION  
BLUEHILL V. 2.26.

OPERATOR NAME:  
E. CARRILLO

TEMPERATURE (F) / HUMIDITY (%)

RATE (In/min)  
.093

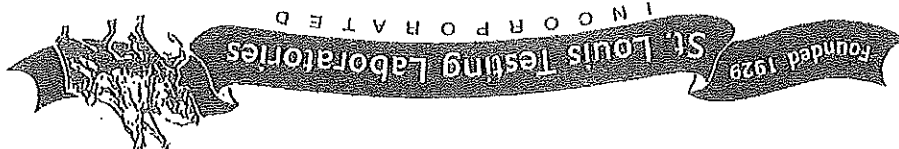
SAMPLE ID:

SHOT 88, MH: 1331-417 TO 1331-419 TO 1331-411

|   | WIDTH<br>(In) | THICKNESS<br>(In) | SUPPORT SPAN<br>(In) |
|---|---------------|-------------------|----------------------|
| 1 | 0.555         | 0.227             | 3.5                  |
| 2 | 0.549         | 0.228             | 3.5                  |
| 3 | 0.550         | 0.228             | 3.5                  |
| 4 | 0.547         | 0.232             | 3.5                  |
| 5 | 0.562         | 0.232             | 3.5                  |

|                    | STRAIN @ MAX<br>(In/In) | MAXIMUM LOAD<br>(lbf) | FLEXURAL<br>STRENGTH<br>(psi) | FLEXURAL<br>MODULUS<br>(psi) |
|--------------------|-------------------------|-----------------------|-------------------------------|------------------------------|
| 1                  | 0.0500                  | 38.1                  | 6991                          | 420346                       |
| 2                  | 0.0463                  | 36.6                  | 6733                          | 420021                       |
| 3                  | 0.0500                  | 36.5                  | 6710                          | 408126                       |
| 4                  | 0.0499                  | 37.5                  | 6689                          | 387019                       |
| 5                  | 0.0468                  | 37.4                  | 6494                          | 407266                       |
|                    | 0.0486                  | 37.2                  | 6724                          | 408556                       |
| Mean               |                         |                       | 177                           | 13566                        |
| Standard Deviation | 0.0019                  | 0.7                   | 6494                          | 387019                       |
| Minimum            | 0.0463                  | 36.5                  | 6991                          | 420346                       |
| Maximum            | 0.0500                  | 38.1                  |                               |                              |

F613-50-3.ls\_flex



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 Chemical, Metallurgical, Mechanical, Nondestructive, Environmental Testing, Analyses and Field Service.

INSITUFORM TECHNOLOGIES USA, LLC

17220 Bel Ray Place  
 Belton, MO 64012

Attention: Brian Smith

### REPORT OF MECHANICAL TESTS

SAMPLE ID:

Shot 310; Seg 357, 6.0mm x 10in  
 MH S123-249 to MH S123-254

SPECIFICATION:

ASTM F1216-16 / ASTM F1743-17

METHOD:

Flexural Properties per ASTM D790-15e2  
 Thickness Measurements ASTM D5813-04(2012)

TEST SPECIMEN:

The specimens were conditioned and prepared in accordance with ASTM D618-13 and ASTM D5813-04(2012), respectively (using the full thickness of the submitted pipe).

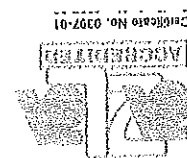
RESULTS:

| Sample ID | Specimen # | Thickness Measurement (mm) | Maximum Flexural Strength (psi) | Tangent Modulus (psi) | Strain @ Maximum Flexural Strength (inches) |
|-----------|------------|----------------------------|---------------------------------|-----------------------|---------------------------------------------|
| SHOT 310  | 1          | 6.15                       | 5985.2                          | 495275.3              | 0.478                                       |
|           | 2          | 6.30                       | 6002.1                          | 428260.6              | 0.637                                       |
|           | 3          | 5.77                       | 6462.5                          | 418399.9              | 0.534                                       |
|           | 4          | 5.82                       | 6476.2                          | 434034.1              | 0.507                                       |
|           | 5          | 5.77                       | 6401.2                          | 406091.1              | 0.428                                       |
|           | 6          | 6.22                       | ---                             | ---                   | ---                                         |
|           | 7          | 5.79                       | ---                             | ---                   | ---                                         |
|           | 8          | 5.96                       | ---                             | ---                   | ---                                         |
|           | Average    | 5.97                       | 6265.4                          | 436412.2              | 0.517                                       |

Identification of tested specimens provided by the client.

Karl Schmitz, Director  
 Materials Testing

K/S/sen



AN OFFICIAL COPY OF TEST REPORT WILL BE PROVIDED BY THIS LABORATORY ON REQUEST.  
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 SEE REVERSE FOR CONDITIONS





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**INSITUFORM TECHNOLOGIES USA, LLC**  
 580 Goddard Avenue  
 Chesterfield, MO 63005

June 27, 2017  
 Lab No. 17P-3142  
 P.O. No. 4106558  
 Page 1 of 1

Attention: Brad Schwerdt

**REPORT OF MECHANICAL TESTS**

**SAMPLE ID:** Job #102125, Shot 78, 6mm x 10in  
 MHA 16H1-065S to MHB 16H1-066S

**SPECIFICATION:** ASTM F1216-16 / ASTM F1743-08(2016)

**METHOD:** Flexural Properties per ASTM D790-15e2  
 Thickness Measurements ASTM D5813-04(2012)

**TEST SPECIMEN:** The specimens were conditioned and prepared in accordance with ASTM D618-13 and ASTM D5813-04(2012), respectively (using the full thickness of the submitted pipe).

**RESULTS:**

| Sample ID | Specimen # | Thickness Measurement (mm) | Maximum Flexural Strength (psi) | Tangent Modulus (psi) | Strain @ Maximum Flexural Strength (inches) |
|-----------|------------|----------------------------|---------------------------------|-----------------------|---------------------------------------------|
| SHOT 78   | 1          | 5.31                       | 6446.6                          | 493451.1              | 0.807                                       |
|           | 2          | 5.36                       | 6439.2                          | 501670.3              | 0.860                                       |
|           | 3          | 5.41                       | 6234.4                          | 439902.6              | 0.630                                       |
|           | 4          | 5.46                       | 6438.3                          | 457260.4              | 0.963                                       |
|           | 5          | 5.49                       | 6075.9                          | 417816.1              | 0.797                                       |
|           | 6          | 5.33                       | --                              | --                    | --                                          |
|           | 7          | 5.47                       | --                              | --                    | --                                          |
|           | 8          | 5.41                       | --                              | --                    | --                                          |
|           | Average    | 5.41                       | 6326.9                          | 462020.1              | 0.811                                       |

Identification of tested specimens provided by the client.

KS/sen

Karl Schmitz, Director  
 Materials Testing



AN OFFICIAL COPY OF TEST REPORT WILL BE PROVIDED BY THIS LABORATORY ON REQUEST.  
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 Chemical, Metallurgical, Mechanical, Nondestructive, Environmental Testing, Analyses and Field Service.

INSITUFORM TECHNOLOGIES USA, LLC  
 17220 Bel Ray Place  
 Belton, MO 64012

November 14, 2017  
 Lab No. 17P-5464  
 P.O. No. 4241741  
 Page 1 of 1

Attention: Brian Smith

### REPORT OF MECHANICAL TESTS

**SAMPLE ID:** Shot 098; Seg 115, 6.0mm x 8in  
 MH S105-409 to MH S105-412

**SPECIFICATION:** ASTM F1216-16 / ASTM F1743-17

**METHOD:** Flexural Properties per ASTM D790-15e2  
 Thickness Measurements ASTM D5813-04(2012)

**TEST SPECIMEN:** The specimens were conditioned and prepared in accordance with ASTM D618-13 and ASTM D5813-04(2012), respectively (using the full thickness of the submitted pipe).

### RESULTS:

| Sample ID | Specimen # | Thickness Measurement (mm) | Maximum Flexural Strength (psi) | Tangent Modulus (psi) | Strain @ Maximum Flexural Strength (inches) |
|-----------|------------|----------------------------|---------------------------------|-----------------------|---------------------------------------------|
| SHOT 098  | 1          | 5.77                       | 5694.4                          | 419273.2              | 0.670                                       |
|           | 2          | 5.54                       | 7309.2                          | 501303.4              | 0.665                                       |
|           | 3          | 5.61                       | 7260.9                          | 525077.1              | 0.672                                       |
|           | 4          | 5.84                       | 6962.9                          | 484867.8              | 0.587                                       |
|           | 5          | 5.84                       | 6488.0                          | 472765.4              | 0.587                                       |
|           | 6          | 5.65                       | ---                             | ---                   | ---                                         |
|           | 7          | 5.84                       | ---                             | ---                   | ---                                         |
|           | 8          | 5.66                       | ---                             | ---                   | ---                                         |
|           | Average    | 5.72                       | 6743.1                          | 480657.4              | 0.636                                       |

Identification of tested specimens provided by the client.

KS/sen

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**BASILICO ENGINEERING, INC**

4144 Lindell Blvd  
St. Louis, MO 63108  
(314) 289-8777 (Tel), (314) 289-8333 (Fax)  
[www.basilicoengineering.com](http://www.basilicoengineering.com)

Proj Name: Providence Place

Date: 3/23/2016

Contract Letting #: 11933

Work Order #: 2475766

Client: Insituform Technologies, USA

Attn: Mr. Mark Reeves, Project Manager/Mr. Bradley Schwerdt II, Project Engineer

INSITUFORM JOB #: 102036; INSITUFORM PO #: 3375001

Basilico Engineering #: 2016-06B

Task Order: 2016-01B; Received 2-05-2016; Completed 3-17-2016

Sample ID: Shot 29; MH 22K3-085S to MH 22K3-006S; GIS 2435234; 9" X 6.0 mm

**TEST REPORT - FLEXURAL PROPERTIES**

Project Type: Determination of Flexural Properties per ASTM D 790 (A)

& Thickness Measurements according to ASTM D5813

Test Specimen Prep Method: The specimens were conditioned in accordance with ASTM D618 & prepared in accordance with ASTM D5813 (Using full thickness of submitted pipe)

**FLEXURAL PROPERTIES & THICKNESS DETERMINATION - TEST RESULTS**

| SAMPLE ID/<br>DESCRIPTION                                 | Specimen<br>Number | Thickness<br>Measurement<br>(mm) | Maximum<br>Flexural<br>Strength<br>(psi) | Strain @<br>Maximum<br>Flexural<br>Strength<br>(in/in) | Tangent<br>Modulus<br>(psi) |
|-----------------------------------------------------------|--------------------|----------------------------------|------------------------------------------|--------------------------------------------------------|-----------------------------|
| Insituform<br>Technologies, Inc<br>Shot 29<br>9" X 6.0 mm | 1                  | 6.29                             | 5616                                     | 0.050                                                  | 465000                      |
|                                                           | 2                  | 6.90                             | 5362                                     | 0.048                                                  | 408000                      |
|                                                           | 3                  | 6.14                             | 6084                                     | 0.050                                                  | 465000                      |
|                                                           | 4                  | 6.54                             | 6248                                     | 0.049                                                  | 493000                      |
|                                                           | 5                  | 5.70                             | 6112                                     | 0.050                                                  | 459000                      |
|                                                           | 6                  | 6.01                             | -                                        | -                                                      | -                           |
|                                                           | 7                  | 6.09                             | -                                        | -                                                      | -                           |
|                                                           | 8                  | 6.23                             | -                                        | -                                                      | -                           |
| Average                                                   |                    | 6.11                             | 5,886                                    | 0.049                                                  | 466,000                     |

Respectfully Submitted,

BASILICO ENGINEERING, INC

Lawrence I. Nwachukwu, P.E.  
Principal