

17988 Edison Avenue Chesterfield, MO 63005 www.insituform.com Kenny Boeh Business Development Manager Phone: (412) 310-8826 Fax: (813) 627-0006 Email: kboeh@aegion.com

5/6/2020

AAJA-YVJNDL

Insituform Technologies, LLC is a subsidiary of Aegion Corporation



Email: <u>wlneal@uiwater.com</u> Office: 800-272-1919

Re: Clearwater, FL Mid-County Sanitary Sewer Rehabilitation Project

Dear Lee,

Insituform Technologies, LLC, ("ITLLC") is pleased to provide the following proposal to **Utilities, Inc.**, hereinafter referred to as "Customer", for the scope of work detailed below for the above-referenced Project.

INSITUFORM SCOPE OF WORK / RESPONSIBILITIES

ITLLC will provide the following:

- 1. Mobilization and demobilization of personnel, equipment, and materials to and from the Project site. The price presented is based upon one (1) instance of mobilization and demobilization.
- 2. Install **polyester** resin impregnated CIPP liner in accordance with ASTM F1216 or F1743 using either water or air/pull-in/steam, at the discretion of ITLLC. We have not included any costs associated with the disposal of inversion water.
- 3. Manhole Rehabilitation using Raven 405 including patch/repair all minor voids, and/or areas of seepage, as necessary with Raven approved repair mortars up to 1/2" thick. Topcoat with Raven 405 Ultra High Build Epoxy at 125 mil thickness. The monolithic epoxy coating of entire structure to be inspected with high voltage Holiday detection equipment.
- 4. Clean and CCTV inspection of 30 laterals for Lateral CIPP Lining Top Hat / Full Wrap- up to 36" on 4" Lateral Connection.
- 5. Clean and CCTV inspection of the pipe before the lining process with CCTV inspection after lining is complete as a deliverable.
- 6. Standard ITLLC one-year warranty from date of installation, excluding any required warranty TV inspection and/or testing.
- 7. Standard insurance coverage with the following limits:

General Liability: \$2,000,000 per occurrence/\$4,000,000 aggregate Auto: \$2,000,000 Combined Single Limit Workers Compensation: Statutory with \$1,000,000 Employer's Liability The above insurance shall not include Primary and Non-Contributory Coverage and ITLLC shall not provide a Waiver of Subrogation endorsement.

NOTE: Modifications to the Scope of Work/Responsibilities of ITLLC may result in a change in price and/or duration.

ASSUMPTIONS AND QUALIFICATIONS

ITLLC's Proposal Pricing is based upon the following assumptions and clarifications:

- 1. ITLLC assumes the work will be completed during dry weather conditions.
- 2. ITLLC assumes 12 hour(minimum) work days will be acceptable.
- 3. Quantities are estimated. Customer shall be invoiced for actual quantities at the stated unit price. Any changes or reductions to this scope post bid will be subject to a change in price.
- 4. ITLLC is an open-shop company and shall not be subject to any union requirements or agreements and will not enter into any Project Labor Agreement or any such similar agreement for this Project. Where required by the Contract Documents, ITLLC will pay the Prevailing Wages then in effect for the Project and will submit Certified Payroll Reports in a timely manner.

PROPOSAL PRICING

ITLLC proposes the following pricing for the scope of services described herein:

Item	Description	Unit	Qty	Unit Price	Total Price
1	Mobilization	LS	1	\$2,500.00	\$2,500.00
2	Cleaning and CCTV Inspection 8"-10" Sanitary Sewer	LF	6,498	\$3.60	\$23,392.80
3	CIPP Rehabilitation of 8" Sanitary Sewer	LF	6,198	\$32.00	\$198,336.00
4	CIPP Rehabilitation of 8" Sanitary Sewer	LF	300	\$35.00	\$10,500.00
5	Reinstatement of Laterals	EA	30	\$100.00	\$3,000.00
6	Lateral CIPP Lining Top Hat / Full Wrap- up to 36" on 4" Lateral Connection	EA	30	\$2,100.00	\$63,000.00
7	Mobilization for MH Rehabilitation	LS	1	\$2,800.00	\$2,800.00
3	Rehabilitation of Manhole using Raven 405	VF	305	\$363.00	\$110,715.00
	Total				\$414,243.80

*Note: Pricing based on the information provided at time of proposal.

EXCLUSIONS :

The following items are excluded from ITLLC's above Pricing and Scope of Services / Responsibilities stated in this Proposal. These items, if necessary, applicable or otherwise required, shall be furnished by Customer, at Customer's direction and at no cost to ITLLC or may, upon mutual agreement in writing between ITLLC and Customer, be provided by ITLLC at an additional cost:

- 1. Any and all Permits, licenses and construction easements.
- 2. Manual operation of any pumping and/or metering stations.
- 3. Environmental/erosion controls (i.e., hay bales, silt fence, turbidity barriers, cofferdams, dikes etc.) that may be required adjacent to manholes, access points and/or water supply hose.
- 4. Any costs associated with obtaining effluent water from treatment plant.
- 5. Removal of failed materials in manholes.
- 6. MACP Inspection of Manholes prior to Manhole Rehabilitation.
- 7. Any costs associated from disposal of debris from Cleaning and CCTV inspection of sewer mains.
- 8. Burial and/or ramping of discharge or bypass hose/pipe.
- 9. Maintenance of traffic.
- 10. Any voids, missing bricks, major leaks in manhole structures for MH Rehabilitation.
- 11. Obstruction removal (calcium, concrete, mineral deposits, roots, etc.) and/or protruding tap removal.
- 12. Point repairs of any kind.
- 13. Any additional charges associated with the disposal of cure water.
- 14. Repair of pipe damaged during any industry standard high-pressure jet cleaning operations, preparation or lining and any subsequent cleaning necessary to remove debris that has fallen into the pipe as a result of any such collapse or repair.

- 15. Locations of and access (of ITLLC equipment and/or personnel) to all catch MH's/ catch basins associated with the project and as required by ITLLC's work plan.
- 16. Equivalent pipe diameter access from the invert to the street level at each installation site.
- 17. Payment and Performance bonds. If payment and performance bonds are required, add 2.5% to the total Project cost.
- 18. Removal and disposal of any hazardous or toxic materials encountered during the Project.
- 19. Holiday work, rush delivery or adverse weather work (as defined by ITLLC).
- 20. Complete independent testing of liner samples from each installation. Will be provided if required per specifications.
- 21. Certified Professional Engineer stamped designs. Will be provided if required in specifications.
- 22. State and local sales and/or use taxes.
- 23. Additional premiums for special insurance coverage(s) specific to this project.

GENERAL TERMS AND CONDITIONS:

- ITLLC's Proposal is conditioned upon Customer's acceptance of the terms and conditions set forth herein. Customer's ordering of material or services by purchase order or otherwise, shall be treated as Customer's acceptance of such terms and conditions. All terms and conditions in Customer's purchase order or in any other communication to ITLLC, whether submitted previously or subsequently to this Proposal, which are additional to or inconsistent with the terms and conditions of this Proposal are not binding upon ITLLC and shall not be applicable to this Proposal, except to the extent accepted in writing by ITLLC. Any change or amendment to this Proposal, to be binding upon ITLLC, must be accepted in writing by ITLLC.
- 2. ITLLC has based its Proposal on a nominal wall thickness for the Insitutube as shown in the price. This is based on the best available information at the time of this Proposal. Existing pipe deterioration in excess of the conditions assumed, ground water loads in excess of those assumed, or other loads or conditions may increase the recommended thickness for all or portions of the work. Final recommendations may be submitted to you following the completion of the preliminary TV phase of the project. Stated prices are subject to adjustment if design changes are agreed upon.
- 3. Specific service connections will be reconnected only when written directions are received from the Customer. The Customer will indemnify and hold ITLLC harmless from all claims arising from backups and other effects of such actions or inaction's from services not opened at the owner's request. In the event that Insituform is unable to locate or reconnect a service lateral internally, the Customer will externally reconnect the service at no cost to ITLLC.
- 4. This Proposal is valid for 30 days, unless otherwise extended by ITLLC.
- 5. PAYMENT: Payment is due in full, without exception or retention, within 30 days of the date of the invoice. Monthly partial progress payments may be requested for the value of work in progress or completed, including materials delivered to the Project site. Payments due and unpaid shall bear interest at the rate of 1½ % per month from the date payment is due. Should ITLLC incur costs or expenses to collect monies claimed due hereunder from Customer, Customer shall pay to ITLLC, in addition to all other sums due to ITLLC, attorneys' fees, consultants' costs, and other expenses and costs, including but not limited to litigation and/or arbitration expenses and arbitrator compensation, in connection therewith.
- 6. ITLLC is not a union shop and shall not be subject to any union requirements or agreements or project labor agreements. On public projects where required, ITLLC will pay prevailing wages as identified by Customer prior to submission of this Proposal.
- 7. Should ITLLC learn of any information that causes ITLLC concern about Customer's ability to pay and/or perform any of its obligations owing to ITLLC under Proposal, ITLLC has the right to request Customer to provide ITLLC adequate assurance of due performance on such terms as are deemed reasonable by ITLLC when acting in good faith, including the right to await full or partial payment from Customer as required by ITLLC. In such an instance, ITLLC may suspend its performance pending ITLLC's receipt of adequate assurance of due payment and/or performance in a manner found acceptable by ITLLC.
- 8. ITLLC shall not be responsible for any inability to perform under this Proposal or for any loss or damage due to delays or disruptions resulting directly or indirectly from, or contributed to by, any act of God, action or omission of Customer, act of civil or military authorities, fire, strike or other labor dispute, accident, flood, adverse weather, war, riot, terrorism, transportation delay, inability to obtain material or fuel supplies, or any other circumstances beyond ITLLC's reasonable control, whether similar or

dissimilar to any of the foregoing. If ITLLC crews are delayed on site for reasons beyond the control of ITLLC, then ITLLC's standby time will be invoiced to Customer at an hourly rate of **\$1,000** per hour.

- 9. Claims for Changed, Concealed or Unknown Conditions: If conditions are encountered at the site which are (1) materially changed; (2) subsurface or otherwise concealed physical conditions which differ materially from the information upon which this Proposal is based or (3) unknown physical conditions of an unusual nature, which differ materially from those ordinarily found to exist and generally recognized as inherent in construction activities of the character provided for herein, then the Proposal Price and Time shall be equitably adjusted to address the conditions, where prior written notification and approval of claims exist.
- 10. LIMITED WARRANTY: ITLLC WARRANTS TO CORRECT ANY DEFECT IN THE MATERIALS OR SERVICES PROVIDED BY ITLLC WHICH ARE BROUGHT TO THE ATTENTION OF ITLLC IN WRITING WITHIN ONE YEAR FOLLOWING COMPLETION OF ITLLC'S WORK, PROVIDED CUSTOMER AFFORDS ITLLC SUITABLE ACCESS AND WORKING CONDITIONS TO ACCOMPLISH SUCH CORRECTION.
- 11. Except for the express warranty forming a part of this Proposal, ITLLC DISCLAIMS ALL EXPRESS AND IMPLIED WARRANTIES, INCLUDING IMPLIED WARRANTIES OF MERCHANTABILITY. ITLLC'S LIABILITY TO CUSTOMER, WHETHER IN CONTRACT, WARRANTY, TORT OR OTHERWISE, IS LIMITED TO THAT PERMITTED UNDER THIS PROPOSAL, ITLLC Shall NOT BE LIABLE TO CUSTOMER FOR ANY SPECIAL, INCIDENTAL, INDIRECT OR CONSEQUENTIAL DAMAGES, INCLUDING WITHOUT LIMITATION DAMAGES FOR LOSS OF USE, LOST TIME, DELAY, DISRUPTION, INTERFERENCE, LOSS OF PRODUCTIVITY, INCONVENIENCE, LOST INCOME, OR LOST PROFITS.
- 12. This agreement may be terminated by either party upon seven (7) days written notice should the other party fail substantially to perform in accordance herewith through no fault of the party initiating the termination.
- 13. The terms and conditions of this Proposal form the entire agreement between the parties. All other terms, proposals, negotiations, representations, recommendations, statements or agreements, whether made or issued contemporaneously or previously, are excluded from and are not a part of this Proposal, and have no binding or enforceable effect. This Proposal, if accepted, shall be binding on the parties and their respective successors and assigns.

The information contained in this letter is proprietary to Insituform Technologies, LLC. and shall be retained by the recipient in confidence and shall not be published or otherwise disclosed to third parties without the express written consent of Insituform Technologies, LLC. The foregoing shall not preclude the use of any data which (i) was in its possession without restriction as to use prior to receipt as proprietary of the same or similar data from Insituform Technologies, LLC., (ii) is or becomes available from a public source on or after such receipt from Insituform Technologies, LLC. or (iii) is obtained by the recipient from a third party not under obligation of confidentiality or other restriction with respect to use.

Please do not hesitate to contact me with any further questions.

Very truly yours, Insituform Technologies, LLC.

Kenny Boeh **Business Development Manager**

Date: August 12, 2020

Patrick C. Flynn (print name) Title: Vice President

BOARD OF COUNTY COMMISSIONERS Dave Eggers Pat Gerard Charlie Justice Janet C. Long Kathleen Peters Karen Williams Seel Kenneth T. Welch



Utilization Permit 20-1220 D September 30, 2020 (19/28/16)

Utilities, Inc. of Florida Attn: Patrick Flynn 200 Weathersfield Avenue Altamonte Springs, FL 32714

Dear Mr. Flynn:

We are enclosing your conditionally approved Utilization Permit covering the proposed construction below:

Curlew Creek Manhole Rehabilitation @ 28795 US Highway 19 N, per attached plans.

- 1. It is the responsibility of the Engineer of Record to procure all necessary permits that are required by agencies that are affected by the proposed construction.
- 2. Notify Pinellas County Public Works, Chad Madonia, prior to beginning work (727.378.2042 or <u>cmadonia@pinellascounty.org</u>, 48 hrs. minimum notice).
- Any portion of the roadway, Right-of-Way or curb that sustains excessive construction related damage, in the opinion of Pinellas County Public Works, refer to PC-1291 for pavement restoration.
- 4. Signs and barricades shall be in accordance with the US Department of Transportation's "<u>Manual on Uniform Traffic Control Devices</u>" and the Florida Department of Transportation's "<u>Standard Plans</u>" Indexes 102-600 through 102-670 (latest editions). All proposed work must comply with F.D.O.T. Index No. 700.
- 5. The Pinellas County Standard Utility Construction notes are attached and shall be a binding part of this permit.
- 6. No stockpiling of material in roadway or on sidewalk; all dirt and debris will be removed from job site daily. Roads and sidewalk to be swept daily as part of daily clean-up.
- 7. Disturbed area within the right of way will be compacted to 100% of maximum density and sodded.
- 8. Any damaged sidewalk shall be restored within three (3) days.

Pinellas County Building & Development Review Services Department 440 Court St. Clearwater, FL 33756 Main Office: (727) 464-3888 V/TDD: (727) 464-4062

www.pinellascounty.org

10%

Page 2 Utilization Permit 20-1220 U

9. Contractor shall use best management practices and provide stormwater protection devices to any stormwater inlets downstream of the work area. Contractor shall also provide erosion control measures to avoid sediment from being discharge into stormwater inlets and roadside drains.

Before this Permit becomes effective, it will be necessary to contact the Utility Notification Center, "Call Sunshine", (1-800-432-4770) must be notified two full business days prior to construction.

Sincerely,

and (son

Amy Casamo Right-of-Way Utilization Permits Regulatory Services Pinellas County Building & Development Review Services

RIGHT OF WAY UTILIZATION PERMIT



THE COUNTY OF PINELLAS, a political subdivision of the State of Florida, hereinafter called the Permitter, hereby grants to						
Utilities, Inc. of Florida of 200 Weathersfield Ave., Altamonte Springs, FL 32714 (Name) (Street Address, City, State, Zip)						
hereinafter called the Permittee, a Permit to construct ☑, operate □, maintain □, renew □ and/or remove □ <u>Curlew Creek Manhole</u>						
Rehabilitationon attached plan along, across, beneath, or over right of way and/or property of Permitter at the following location: County						
Road No. US HWY 19 Name: Easement along Curlew Creek Parcel ID No. 19-28-16-00000-420-0200, situ-						
ated at <u>28795 US HWY 19 N Clearwater</u> , Florida, subject to the following provisions and conditions: (Address or Street Intersection)						

- 1. Construction, operation and maintenance of such utility shall not interfere with property and rights of prior occupant.
- The construction, operation and maintenance of such utility shall not create obstruction or conditions which are or may become dangerous to the traveling public.
- 3. All work must be done in keeping with standards of the Florida Department of Transportation Manual of Uniform Minimum Standards for Design, Construction and Maintenance for Streets and Highways, Roadway and Traffic Design Standards, Florida Department of Transportation Standard Specifications for Road and Bridge Construction, AASHTO and by the County Director or his agent.
- 4. All materials and equipment shall be subject to inspection by an Engineer of the County or his agent.
- 5. Prior to beginning any work hereunder, Permittee shall, through the State of Florida's Department of Environmental Protection Online Contamination Locator Map and the Pinellas County GIS Map, first evaluate the property herein as to any environmental risks. If subsequent to the start of any work herein Permittee encounters any environmental hazard or abnormal conditions, Permittee shall immediately cease work and notify the County. Permittee may only resume work upon written notification by County.
- 6. The Permittee shall and does hereby agree to indemnify, pay the cost of defense, and save harmless the Permitter from and against payment of all claims, suits, actions, costs, attorneys' fees, expenses, damages, judgments, or decrees by reason of any person or persons or property being damaged or injured by the Permittee, his employees, agents or sub-contractors or in any way attributable to the performance, prosecution, construction, operation, or maintenance of work herein permitted by Permitter and resulting from negligent acts or omissions of said Permittee in connection with the work herein permitted.
- 7. The Permittee shall repair any damage or injury to the road or highway or other County property by reason of the exercise of any of the privileges granted in this Permit, and shall repair the same promptly, within seven (7) days of opening, restoring it to a condition at least equal to that which existed immediately prior to the infliction of such damage or injury. (Note: All portions of the right of way other than paved areas disturbed by the construction of this utility will be compacted, grassed and mulched or sodded as required.)
- 8. All overhead installations shall conform to clearance standards of the State Utilities Accommodation Guide and all underground crossing installations shall be laid at a minimum depth of 36" below pavement, or at such greater depth as Permitter may require.
- 9. In the event of widening, repair or reconstruction of said road, the Permittee shall move or remove said utility installation at no cost to the Permitter.
- 10. This permit creates a permissive use only and the placing of facilities upon County property pursuant hereto shall not operate to create or to vest any property rights in said Permittee and is granted in perpetuity subject to termination by the Permitter upon the giving of 30-days notice in writing to the Permittee.
- 11. The Permittee shall furnish the Permitter with a survey showing the exact locations of all facilities to be installed pursuant to this permit, said survey to be sufficiently detailed to allow location of said installation by reference thereto. The attached plan, covering details of this installation, shall be a part of this permit. Upon completion of installation, if field adjustments are made, an as-built drawing will have to be submitted.
- 12. Section corner monuments subject to displacement shall first be referenced and later reset by a Florida Registered Land Surveyor.
- 13. All activities in accordance with this permit will require conformance to the "Manual on Traffic Control and Safe Practices for Street and Highway Construction, Maintenance and Utility Operations." (Chapter 316 Florida Statutes)
- 14. The Permittee's attention is directed to the provisions of the Trench Safety Act (Florida Statutes, Section 553.60 et. seq.) and the Occupational Safety and Health Administration Excavation Safety Standards (29 C.F.R. Section 1926.650, Subpart P) which shall apply to construction, operation, and maintenance pursuant to this permit.
- 15. Compaction within right of way to meet Pinellas County Minimum Standards.
- 16. Public Works is to be notified a minimum of 48 hours prior to beginning work at 464-3670, otherwise the Permit will be voided.
- 17. If this permit is for a monitor well, copies of all testing reports are to be forwarded to Pinellas County Regulatory Services.
- 18. The Permittee shall commence construction within 60 days from the date of this permit and it shall be completed within <u>120</u> days.

Permittee or Agent:	Patrick C. Jelgon	Patrick Flynn	Phone:	321-972-0359	Date: June 26, 2020	
	TYPE OR PRINT NAMREG	ULATORY SER	VICES			

IIII 0 7 2020

APPLICATION SUBMITTAL INSTRUCTIONS

- 1. Description and nature of the proposed installation shall be outlined in the two blank lines on application.
- 2. The bottom of Application Sheet 1 shall be signed by applicant or his agent.
- 3. On the attached plan, the following data shall be supplied:
 - a. The plan shall show the right of way lines and the widths of right of way. The offset distance from the centerline of the proposed installation shall be shown and the scope of the proposed project, with all the distances and sizes clearly indicated.
 - b. Typical cross section shall be furnished showing width of pavement, width of right of way on each side, offset distance from centerline to proposed installation and any pertinent data to sidewalks, curbs and gutters, etc.
 - c. Indicate type of installation on both typical cross section and plan view.
 - d. All pertinent drainage information and calculations or justification for size of pipe and/or grading.
- 4. All improvements within County maintained right of way shall conform to Florida Department of Transportation requirements and/or Pinellas County Subdivision requirements.
- 5. All applications for water and sewer lines must be separate applications and countersigned by the utility involved prior to submittal.
- 6. This form is to be made out in QUADRUPLICATE with four (4) drawings; one fully executed copy will be returned to you after approval.
- 7. There is a variable processing fee that must be received prior to the issuance of the permit. Please make check payable to Board of County Commissioners.
- 8. Prior to permit approval, the permittee shall deliver proof of insurance as determined by Pinellas County Risk Management. See Pinellas County Land Development Code Sec 154-303. Insurance and sureties for details.

THE UTILITY NOTIFICATION CENTER "CALL SUNSHINE" (1-800-432-4770) MUST BE NOTIFIED 48 HOURS IN ADVANCE OF CONSTRUCTION.

Pinellas County BDRS Regulatory Services 440 Court Street, 3rd Floor Clearwater, FL 33756 (727) 464-3404 or 464-3260

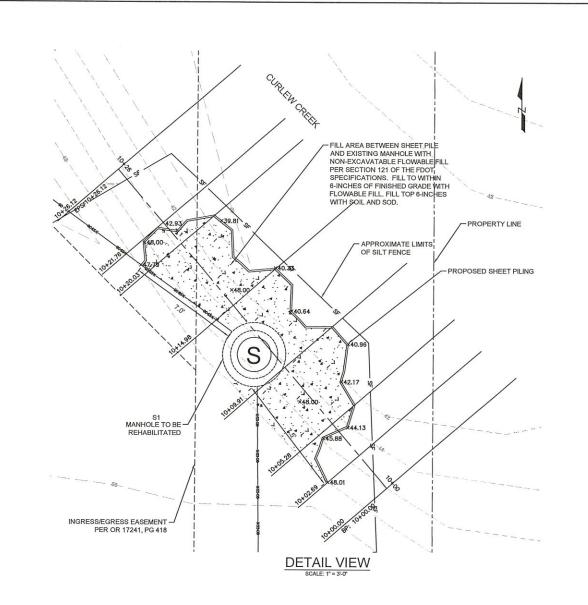


UTILITY COUNTERSIGN	
(Name/Title)	

(Date)

TO BE FILLED OUT BY PINELLAS COUNTY REGULATORY SERVICES

Sod required Pres I No Open cut I Yes	Jack and bore □ Yes ₩No Directional bore □ Yes				
PINELLAS COUNTY, FLORIDA, Acting by Authority of the Board of County Commissioners					
Date: 9302020 for Regulatory Services Section	SEE ATTACHED LETTER FOR ADDITIONAL CONDITIONS TO THIS UTILITY PERMIT.				



Sa

by: all be

5

7 TS

C-01 wither

6MP

CALC.c

R

IMPF

DSED pared.

PRO was p

anSheets\C-01

ab/CADD/PI

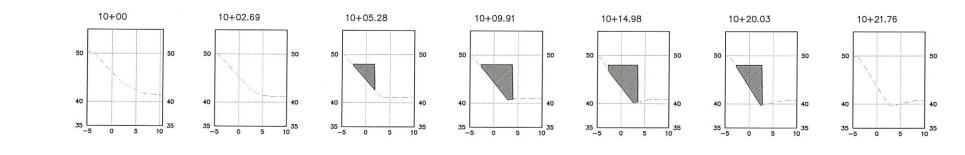
Reho the s

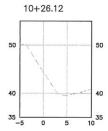
e: K:\STP_Civil\140056 - Utilities, Inc. of FIa\020 Curlew Creek Manhole opsther with the concepts and designs presented herein, as an instrument of service, is intended only for

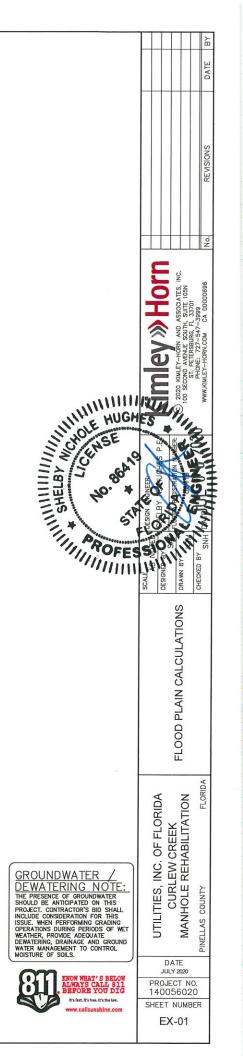
Drawing This docum

			Total '	Volume T	able	
Station	Fill Area	Cut Area	Fill Volume	Cut Volume	Cumulative Fill Vol	Cumulative Cut Vo
10+00.00	0.00	0.00	0.00	0.00	0.00	0.00
10+02.69	0.00	0.00	0.00	0.00	0.00	0.00
10+05.28	12.34	0.00	0.59	0.00	0.59	0.00
10+09.91	28.56	0.00	3.51	0.00	4.10	0.00
10+14.98	31.19	0.00	5.61	0.00	9.71	0.00
10+20.03	24.59	0.00	5.21	0.00	14.92	0.00
10+21.76	0.00	0.00	0.79	0.00	15.71	0.00
10+26.12	0.00	0.00	0.00	0.00	15.71	0.00

THE PROPOSED ENCROACHMENT INTO THE FLOOD PLAIN ARE LIMITED TO THE PROPOSED MANHOLE REHABILITATION WHERE THE CREEK BANK HAS ERODED TO EXPOSE THE MANHOLE. THE CUMULATIVE FILL VOLUME IS 15.71 CY AS SHOWN IN THE TABLE ABOVE.







CONSTRUCTION PLANS FOR UTILITIES, INC. OF FLORIDA **CURLEW CREEK MANHOLE REHABILITATION**

JUNE 2020 PINELLAS COUNTY, FLORIDA

PROJECT TEAM:

OWNER: UTILITIES, INC. FLORIDA 200 WEATHERSFIELD AVENUE ALTAMONTE SPRINGS, FL 32714 CONTACT: MICHAEL WILSON 321 972 0374

ENGINEER KIMLEY-HORN AND ASSOCIATES, INC. 100 SECOND AVE SOUTH, SUITE 105N ST. PETERSBURG, FLORIDA 33701 CONTACT: SHELBY HUGHES, P.E. 727,498,2585

SURVEYOR: HYATT SURVEY SERVICES, INC. 2012 LENA ROAD BRADENTON, FLORIDA 34211 CONTACT: PAMELA A. HYATT, P.S.M. 941.748.4693

UTILITY CONTACTS:

DUKE ENERGY STEPHANIE OLMO 425 E CROWN POINT RD WINTER GARDEN, FL 34787 407.905.3376

FRONTIER COMMUNICATIONS **TONI CANNON** 3712 W WALNUT ST TAMPA, FL 33607 813.875.1014

CHARTER COMMUNICATIONS TED BINGHAM 700 CARILLON PARKWAY SUITE 6 ST. PETERSBURG, FL 33716 727.329.2847

PINELLAS COUNTY UTILITIES JAY PERKINS 14 S. FORT HARRISON AVE 6TH FLOOR CLEARWATER, FL 33756 727.464.3536

SITE ADDRESS:

NEAREST ADDRESS:

28775 US HWY 19 N

CLEARWATER, FL 33761

WOW INC. **RICHARD LAGANGA** 3001 N GANDY BLVD PINELLAS PARK, FL 33782 727,422,8040

CLEARWATER GAS JACINTA GARCIA CORCOBA 400 N MYRTLE AVE CLEARWATER, FL 33755 727.422.9998

BLACK & VEATCH TAMPA 1F KEN SOULE 5206 EAGLE TRAIL DRIVE TAMPA, FL 33634 913.458.4667

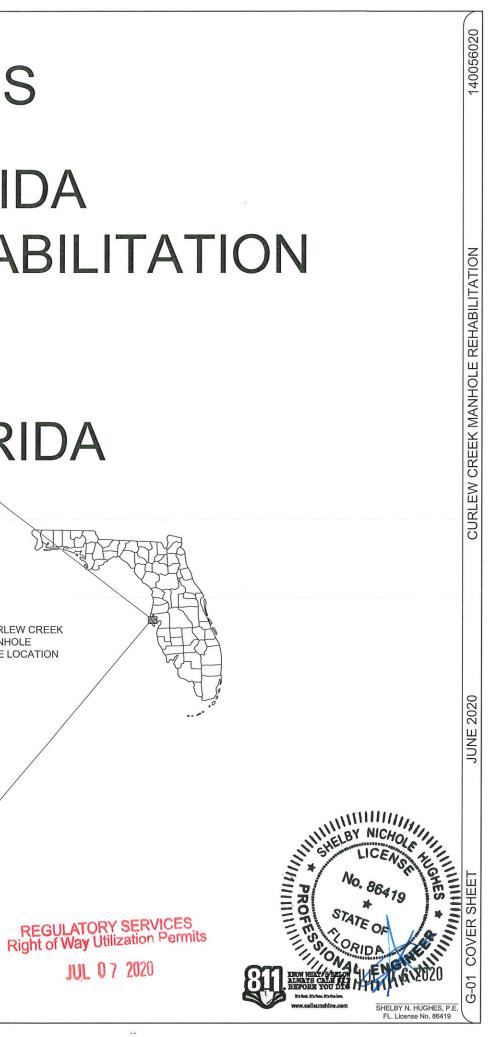
MCIU01 INVESTIGATIONS JAMES BARRA 7000 WESTON PARKWAY CARY, NC 27513 469.886.4091

PINELLAS COUNTY HWY AND ENG JAMES JOHNSON 22211 US19 N CLEARWATER, FL 33765 727.464.8909

CURLEW CREEK MANHOLE SITE LOCATION

PROJECT VICINITY MAP

PREPARED BY **Kimley**»Horn 0 SECOND AVENUE SOUTH, SUITE 10 ST. PETERSBURG, FL 33701 HONE (727) 547-399



GENERAL

- THE CONTRACTOR SHALL BE RESPONSIBLE FOR MEETING ALL CONDITIONS AND REQUIREMENTS OF ALL PERMITS AND ALL GOVERNING FEDERAL, STATE, AND LOCAL AGENCIES. THE CONTRACTOR SHALL OBTAIN AND PAY FOR ALL REQUIRED PERMITS THAT ARE NOT PROVIDED IN THE BID DOCUMENTS, AT NO ADDITIONAL COST TO THE OWNER.
- 2. THE INFORMATION PROVIDED IN THESE PLANS IS SOLELY TO ASSIST THE CONTRACTOR IN ASSESSING THE NATURE AND EXTENT OF THE CONDITIONS WHICH MAY BE ENCOUNTERED DURING THE COURSE OF WORK ALL CONTRACTORS ARE DIRECTED, PRIOR TO BIDDING, TO CONDUCT WHATEVER INVESTIGATION THEY MAY DEEM NECESSARY TO ARRIVE AT THEIR OWN CONCLUSIONS REGARDING THE ACTUAL CONDITIONS THAT WILL BE ENCOUNTERED, AND UPON WHICH THEIR BIDS WILL BE BASED.
- 3. THE LOCATIONS OF ALL EXISTING UTILITIES SHOWN ON THE PLANS HAVE BEEN DETERMINED FROM THE BEST INFORMATION AVAILABLE AND ARE GRIVEN FOR THE CONVENENCE OF THE CONTRACTOR. THE ENGINEER ASSUMES NO RESPONSIBILITY FOR THEIR ACCURACY. PRIOR TO THE START OF ANY CONSTRUCTION ACTIVITY, IT SHALL BE THE CONTRACTORS RESPONSIBILITY TO NOTIFY THE VARIOUS UTILITIES AND TO MAKE THE RECESSARY ARRANGEMENTS FOR ANY RELOCATIONS TO THESE UTILITIES WITH THE OWNER OF THE UTILITY. THE CONTRACTOR SHALL EXERCISE CAUTION WHEN CROSSING AN UNDERGOUND UTILITY, WHETHER SHOWN ON THE PLANS OR LOCATED BY THE UTILITY COMPANY. ALL UTILITIES THAT INTERFERE WITH THE PROVISED TO THE CONTRACTOR BY THE RELOCATION OF VARIOUS UTILITIES SHALL BE INCIDENTAL TO THE CONTRACT, AND NO EXTRA COMPENSATION WILL BE ALLOWED
- 4. THE CONTRACTOR SHALL REVIEW AND VERIFY ALL DIMENSIONS ON THE PLANS AND REVIEW ALL FIELD CONDITIONS THAT MAY AFFECT CONSTRUCTION, SHOULD DISCREPANCIES OCCUR, THE CONTRACTOR SHALL NOTIFY THE ENGINEER TO OBTAIN THE ENGINEER'S CLARIFICATION BEFORE COMMENCING WITH CONSTRUCTION. NO FIELD CHANGES OR DEVIATIONS FROM DESIGN ARE TO BE MADE WITHOUT PRIOR APPROVAL OF THE OWNER AND NOTIFICATION TO THE ENGINEER'S CLARIFICATION BEING APPROVAL OF THE OWNER
- 5. AT LEAST 2 FULL BUSINESS DAYS PRIOR TO ANY EXCAVATION, THE CONTRACTOR SHALL CONTACT SUNSHINE STATE ONE CALL OF FLORIDA AT 1-800-432-4700 OR THE NATIONAL B11 ONE CALL NUMBER WHEN APPLICABLE FOR UTILITY LOCATIONS. THE CONTRACTOR SHALL BE RESPONSIBLE FOR COORDINATING WITH ALL UTILITIES FOR THE POSSIBLE RELOCATION OR THE TEMPORARY MOVEMENT OF ANY EXISTING UTILITIES WITHIN THE RIGHTS-OF-WAY.
- 6. AT NO TIME SHALL THE CONTRACTOR DISTURB SURROUNDING PROPERTIES OR TRAVEL ON SURROUNDING PROPERTIES WITHOUT WRITTEN CONSENT FROM THE PROPERTY OWNER. REPAR OR RECONSTRUCTION OF DAMAGED AREAS ON SURROUNDING PROPERTIES SHALL BE PERFORMED BY THE CONTRACTOR ON AN IMMEDIATE BASIS. ALL COSTS FOR REPAIRS SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR AND NO EXTRA COMPENSATION SHALL BE PROVIDED.
- THE CONTRACTOR SHALL INCLUDE IN HIS BID.BY-PASS PUMPING FACILITIES, PUMPS, FITTINGS, LABOR, ETC. AS NECESSARY, BASED ON METHOD AND SEQUENCE OF CONSTRUCTION TO COMPLETE ALL WORK WHILE MAINTAINING SEWER SERVICE OF PERATIONS AT ALL THER.
- 8. THE CONTRACTOR SHALL PROVIDE THE OWNER AND ENGINEER A DETAILED BYPASS PLAN FOR REVIEW PRIOR TO BEGINNING CONSTRUCTION.
- 9. THE CONTRACTOR SHALL PROVIDE THE OWNER AND ENGINEER A DETAILED HURRICANE PREPAREDNESS PLAN FOR REVIEW PRIOR TO BEGINNING CONSTRUCTION.
- SHOP DRAWINGS AND CERTIFICATIONS FOR PIPING, WATER SYSTEM, PAVING SYSTEM MATERIALS, STRUCTURES, AND APPURTENANCES ARE REQUIRED. THE CONTRACTOR SHALL SUBMIT SHOP DRAWINGS TO THE ENGINEER FOR REVIEW PRIOR TO ORDERING THE MATERIALS REQUIRED FOR CONSTRUCTION.
- 11. SANITARY SEWERS AND FORCE MAINS CROSSING OVER OR UNDER WATER MAINS SHALL BE LAID TO PROVIDE A MINIMUM VERTICAL DISTANCE OF 18' BETWEEN THE INVERT OF THE UPPER PIPE AND THE CROWN OF THE LOWER PIPE. WHERE THIS MINIMUM SEPARATION CANNOT BE MAINTAINED, THE CROSSING SHALL BE ARRANGED SO THAT THE SEWER OR FORCE MAIN PIPE JOINTS ARE COULDISTANT FROM THE POINT OF CROSSING WITH NO LESS THAN 10' BETWEEN ANY TWO JOINTS. AS AN ALTERNATIVE, THE SEWER OR FORCE MAIN MAY BE PLACED IN A WATERTIGHT CASING PIPE.

PERMITS AND PERMIT REQUIREMENTS

- THE CONTRACTOR SHALL OBTAIN FROM THE OWNER COPIES OF ALL REGULATORY AND LOCAL AGENCY PERMITS. THE CONTRACTOR SHALL BE EXPECTED TO REVIEW AND ABIDE BY ALL THE REQUIREMENTS AND LIMITATIONS SET FOR THE IN THE PERMITS.
- 2. THE CONTRACTOR SHALL BE FURNISHED A COPY OF THE N.P.D.E.S. NOTICE OF INTENT APPLICATION AND REPORT WHICH WAS FURNISHED TO EPA BY THE OWNER. THE CONTRACTOR SHALL REVIEW THE CONTENTS OF THAT SUBMITTAL INCLUDING CONSTRUCTION COMMENCEMENT AND CESSATION DATES AND ALL OTHER ELEMENTS OF THE SUBMITTAL. HE SHALL EXECUTE AND FILE AN N.O.I. TO EPA AS THE ENTITY RESPONSIBLE FOR OPERATING AND MAINTAINING THE ROSION PROTECTION SYSTEM DURING CONSTRUCTION, NOTING ANY CHANGES ANDOR MODIFICATIONS AND/OR AGREEING TO THE ELEMENTS OF THE ORIGINAL, SUBMITTAL. HE SHALL SUBMIT THIS AT LEAST 44 HOURS PRIOR TO COMMENCEMENT CONTINC. THE ORIGINAL SUBMITTAL. HE SHALL SUBMIT THIS AT THE WATER MANAGEMENT DISTRICT AND N.P.D.E.S. PERMITS ISSUED TOGETHER WITH THE INSPECTION REPORTS AND CURRENT PLANS. INCLUDING ANY MODIFICATIONS REQUIRED. HE SHALL ALSO PROVIDE A NOTICE OF TERMINATION TO THE N.P.D.E.S. PERMITTING AUTHORITY AT THE CONCLUSION OF THE PROJECT THAT THE DISCHARGE AND ERGON PROTECTION DEVICE AS SHOWN ON THE PLANS HAVE BEEN IMPLEMENTED AND MAINTAINED THROUGHOUT CONSTRUCTION.

SAFETY

12

3

AL

of and

VERAL prepared.

GEN

ts/G-02 for which it

client

Fla\020

of

Inc.

STP_0

¥ 1

guind

- THE CONTRACTOR SHALL BE RESPONSIBLE FOR COMPLIANCE WITH THE FLORIDA TRENCH SAFETY ACT, 90-96, LAWS OF FLORIDA EFFECTIVE OCTOBER 1, 1990 AND THE OCCUPATIONAL SAFETY AND HEALTH ADMINISTRATION EXCAVATION SAFETY STANDARDS, 32 OFF 1926.650, SUBPART P, AS AMENDED. THE CONTRACTOR SHALL INCLUDE IN THE TOTAL BID PRICE ALL COSTS FOR COMPLIANCE WITH THESE REGULATIONS.
- 2. THE CONTRACTOR SHALL USE SHEET PILING, SHEETING, BRACING, ETC., AS REQUIRED IN ALL EXCAVATION AREAS AND CONFORM TO ALL OSHA REQUIREMENTS
- 3. THE CONTRACTOR SHALL USE ALL NECESSARY SAFETY PRECAUTIONS TO AVOID CONTACT WITH OVERHEAD AND UNDERGROUND UTILITIES, POWER LINES, ETC.
- THESE DRAWINGS DO NOT INCLUDE NECESSARY COMPONENTS FOR CONSTRUCTION SAFETY. THIS EXCLUSION DOES NOT ALLEVIATE THE CONTRACTOR FOR PROVIDING A CONTINUOUS SAFE WORKSPACE.

EXCAVATION AND GRADING

- 1. THE CONTRACTOR SHALL PROVIDE ALL DEWATERING EQUIPMENT NECESSARY TO KEEP ALL EXCAVATIONS DRY. DEWATERING IS REQUIRED TO 18" BELOW TRENCH BOTTOM.
- 2 THE CONTRACTOR SHALL BE RESPONSIBLE FOR CLEARING AND GRUBBING FOR SITE CONSTRUCTION INCLUDING CLEARING FOR PAVING, UTILITIES, DRAINAGE FACILITIES AND BUILDING CONSTRUCTION. ALL AREAS TO BE CLEARED SHALL BE FIELD STAKED AND REVIEWED BY THE OWNER AND DENINEER PRIOR TO ANY CONSTRUCTION.
- THE CONTRACTOR SHALL PERFORM HIS OWN INVESTIGATIONS AND CALCULATIONS AS NECESSARY TO ASSURE HIMSELF OF EARTHWORK QUANTITIES. THERE IS NO IMPLICATION THAT EARTHWORK BALANCES AND THE CONTRACTOR SHALL BE RESPONSIBLE FOR ANY IMPORT FILL NEEDED, OR FOR REMOVAL AND DISPOSAL OF EXCESS MATERIALS AT NO ADDITIONAL COST TO OWNER.

POLLUTION, EROSION, AND SEDIMENTATION CONTROL

- THE CONTRACTOR SHALL FOLLOW ALL APPLICABLE GUIDELINES IN ACCORDANCE WITH THE FLORIDA STORMWATER EROSION AND SEDIMENTATION CONTROL INSPECTOR'S MANUAL, LATEST EDITION, MOI THE STATE OF FLORIDA EROSION AND SEDIMENT CONTROL DESIGNER AND REVEKER MANUAL, LATEST EDITION.
- STOCKPILES SHALL BE PROTECTED AT ALL TIMES BY ON-SITE DRAINAGE CONTROLS WHICH PREVENT EROSION OF THE STOCKPILED MATERIAL. CONTROL OF DUST FROM SUCH STOCKPILES IN REQUIRED, DEPENDING UPON THEIR LOCATION AND THE EXPECTED LENGTH OF TIME THE STOCKPILES WILL BE PRESENT. IN NO CASE SHALL ANY STOCKPILED MATERIAL REWAIN AFTER THIRTY (30) CALENDAR DAYS.
- STORM WATER INLETS IN THE VICINITY OF THE PROJECT SHALL BE PROTECTED BY SEDIMENT TRAPS SUCH AS SECURED HAY BALES, SOD, STONE, ETC., WHICH SHALL BE MAINTAINED AND MODIFIED AS REQUIRED BY CONSTRUCTION PROGRESS, AND WHICH MUST BE APPROVED BY THE ENGINEER BEFORE INSTALLATION. THIS WILL BE MAINTAINED TO PREVENT DEGRADATION OF THE WATERS OF THE COUNTY AND STATE.
- 4. SEDIMENT BASINS AND TRAPS, PERIMETER BERMS, SEDIMENT BARRIERS, VEGETATIVE BUFFERS, AND OTHER MEASURES INTENDED TO TRAP SEDIMENT ANDOR PREVENT THE TRANSPORT OF SEDIMENT ONTO ADJACENT PROPERTIES, OR INTO EXISTING BODIES OF WATER, MUST BE INSTALLED, CONSTRUCTED, OR IN THE CASE OF VEGETATIVE BUFFERS, PROTECTED FROM DISTURBANCE, AS A FIRST STEP IN THE LAND ALTERATION PROCESS. SUCH SYSTEMS SHALL BE FULLY OPERATIVE BEFORE AWY OTHER DISTURBANCE OF THE LAND ALTERATION PROCESS. STUCT SYSTEMS SHALL BE CILLY OPERATIVE BEFORE AWY OTHER DISTURBANCE OF INSTELLES THE BEGINS. EARTHEN STRUCTURES INCLUDING BUT NOT LIMITED TO BERNMS, EARTH FILTERS, DAMS OR DIKES SHALL BE STABILIZED AND PROTECTED FROM DRAINAGE DAMAGE OF REOSION WITHIN ONE (1) WEEK OF INSTALLATION.
- 5. ALL SWALES, DITCHES, AND CHANNELS LEADING FROM THE SITE SHALL BE PROTECTED FROM SILTATION AND EROSION DURING CONSTRUCTION AND BE SODDED WITHIN THREE (3) DAYS OF EXCAVATION.
- SOIL DISPLACED BY CONSTRUCTION WILL BE REMOVED. EROSION CONTROL SHALL BE IMPLEMENTED IN AREAS WHICH ARE CONSIDERED ENVIRONMENTALLY SENSITIVE. EROSION CONTROL SYSTEMS SHALL BE REQUIRED FOR ALL WORK WITHIN JURISDICTIONAL AREAS. THESE SYSTEMS MAY INCLUDE STAKED HAY BALES, SILT SCREENS, FILTER FABRIC, AND TURBIDITY SCREENS.
- ALL EROSION AND POLLUTION CONTROL DEVICES SHALL BE CHECKED REGULARLY, ESPECIALLY AFTER EACH RAINFALL AND SHALL BE CLEANED OUT AND/OR REPAIRED AS REQUIRED.
- 8. THE CONTRACTOR SHALL NOT ENTER UPON OR IN ANY WAY ALTER WETLAND AREAS THAT MAY BE ON OR NEAR THE CONSTRUCTION SITE. ALL WORK IN THE VICINITY OF OPEN WATER AND/OR WETLANDS IS TO BE PERFORMED IN COMPLIANCE WITH THE ENVIRONMENTAL REGULATIONS AND/OR PERMITS FOR THE SITE. THE CONTRACTOR WILL

BE RESPONSIBLE FOR ANY FINES RESULTING FROM HIS VIOLATION OF ANY REGULATIONS OR PERMIT CONDITIONS

- CONTRACTOR SHALL PROVIDE PROTECTIVE MATTING, FUEL CONTAINMENT AND ALL OTHER MATERIALS, EQUIPMENT AND LABOR TO PROTECT THE STAGING AREA DURING CONSTRUCTION.
- CONTRACTOR SHALL, PRIOR TO BEGINNING CONSTRUCTION, SUBMIT A "FUELING SPILL PREVENTION PLAN" THAT SHALL CLEARLY INDICATE HOW FUEL SPILLS WILL BE PREVENTED WHEN FUELING BOTH WITHIN AND OUTSIDE OF THE STAGING AREA.

UTILITIES

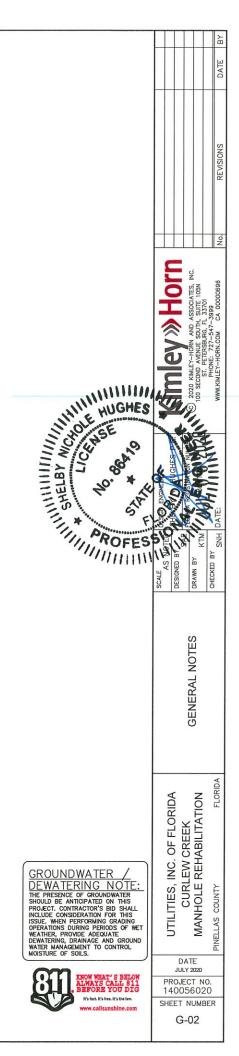
- 1. LOCATIONS, ELEVATIONS AND DIMENSIONS OF EXISTING UTILITIES, STRUCTURES AND OTHER FEATURES ARE SHOWN TO THE BEST INFORMATION AVAILABLE AT THE TIME OF PREPARATION OF THESE PLANS BUT DO NOT PURPORT TO BE ABSOLUTELY CORRECT. THERE MAY BE OTHER IMPROVEMENTS, UTILITIES, ETC. WHICH ARE WITHIN THE PROJECT AREA AND WHICH HAVE NOT BEEN LOCATED OR IDENTIFIED, MAY NOT BEI INTHE EXACT LOCATION SHOWN OR RELOCATED SINCE THE PREPARATION OF THESE PLANS. THE CONTRACTOR SHALL VERIEY, PRIOR TO CONSTRUCTION, THE LOCATIONS, ELEVATIONS AND DIMENSIONS OF ALL EXISTING UTILITIES STRUCTURES AND OTHER FEATURES (WHETHER OR NOT SHOWN ON THE PLANS) THAT MAY EFFECT HIS WORK. ALL EXISTING UTILITIES TO BE EXTENDED, CONSECTION FONTS SHALL BE EXPOSED PRIOR TO CONSTRUCTION TO VERIEY LOCATION AND ELEVATION. ANY DISCREPANCIES OR CONFLICTS FOUND SHALL BE BROUGHT TO THE ENGINEERS ATTENTION FOR RESOLUTION.
- THE CONTRACTOR SHALL PROTECT ALL EXISTING STRUCTURES, WATER AND SEWER LINES, STORM DRAINS, UTILITIES, DRIVEWAYS, SIDEWALKS, SIONS, MAIL BOXES, FENCES, TREES, LANDSCAPING, AND ANY OTHER IMPROVEMENT OR FACILITY IN THE CONSTRUCTION AREA THE CONTRACTOR SHALL REPAIR AND/OR REPLACE ANY DAMAGED ITEM DUE TO HIS CONSTRUCTION ACTIVITIES TO EQUAL OR BETTER THAN PRE-CONSTRUCTION CONDITIONS AT NO ADDITIONAL COST TO THE OWNER.
- FOR WORK BEING DONE ON EXISTING SANITARY SEWER LINES, THE CONTRACTOR SHALL BE RESPONSIBLE FOR MAINTAINING THE FLOW OF ALL SEWAGE DURING CONSTRUCTION, WHICH MAY REQUIRE BYPASS PUMPING AND/OR PUMPER TRUCKS. THE CONTRACTOR SHALL SUBMIT A DETAILED BYPASS PUMPING PLAN PRIOR TO BEGINNING CONSTRUCTION.
- THE CONTRACTOR SHALL BE RESPONSIBLE FOR COORDINATING WITH JURISDICTIONAL BODIES AND UTILITY COMPANIES LISTED ON COVER SHEET.
- 5. UTILITY SYMBOLS ON THE PLAN MAP APPEAR LARGER THAN THE ACTUAL SIZE AND MAY BE MOVED FROM INTENDED LOCATION FOR CLARITY. UTILITY APPURTENANCES ARE TO BE INSTALLED PER THE CONTRACT DRAWING DETAILS OR REFERENCED STANDARD DETAILS.
- FIELD CONDITIONS MAY NECESSITATE MINOR ALIGNMENT AND GRADE DEVIATION OF THE PROPOSED UTILITIES TO AVOID OBSTACLES, AS REVIEWED BY THE ENGINEER.
- RESTORATION
- ALL RESTORATION WORK PERFORMED THROUGHOUT THE PROJECT SHALL CONFORM TO EXISTING LINES AND GRADES UNLESS OTHERWISE SPECIFIED IN THE CONTRACT DOCUMENTS.
- ALL DISTURBED GRASSED AREAS SHALL BE SODDED UNLESS OTHERWISE SPECIFIED IN THE CONTRACT DOCUMENTS.
- RESTORATION OF CURBS, DRIVEWAYS, SIDEWALKS, AND PLACEMENT OF SOD SHALL BE COMPLETED WITHIN FORTY-FIVE CALENDAR DAYS OF INITIAL DISTURBANCE, OR TWENTY-ONE CALENDAR DAYS OF SUBSTANTIAL COMPLETION, WHICHEVER OCCURS FIRST.
- ALL EXISTING FENCES DISTURBED DURING CONSTRUCTION SHALL BE REPAIRED OR REPLACED AND REINSTALLED BY THE CONTRACTOR AT NO ADDITIONAL COST TO THE OWNER UNLESS OTHERWISE SPECIFIED IN THE CONTRACT DOCUMENTS.
- CONSTRUCTION
- THE EXHAUST SYSTEM OF ALL GASOLINE AND DIESEL ENGINES SHALL BE EQUIPPED WITH MUFFLERS THAT MEET THE EQUIPMENT MANUFACTURER'S REQUIREMENTS FOR NOISE SUPPRESSION. THE CONTRACTOR SHALL INSTALL NOISE ABATEMENT BAFFLES POSITIONED TO BREAK LINE-OF-SITE FROM THE NOISE SOURCE TO AFFECTED RESIDENCES, AS RECHEWED BY THE ENGINEER.
- 2. NO MATERIAL SHALL BE STOCKPILED IN ROADWAYS. ALL DIRT AND DEBRIS SHALL BE REMOVED FROM THE JOB SITE DAILY. ROADS SHALL BE SWEPT DAILY AS PART OF DAILY CLEAN UP.
- THE CONTRACTOR IS TO CONTROL ALL FUGITIVE DUST ORIGINATING ON THIS PROJECT BY WATERING OR OTHER METHODS AS REQUIRED.
- 4. INGRESS AND EGRESS TO ALL THE PROPERTIES IN THE CONSTRUCTION AREA SHALL BE MAINTAINED AT ALL TIMES.
- 5. PRIOR APPROVAL WILL BE REQUIRED FOR REMOVAL OF ANY TREE WITHIN THE CONSTRUCTION AREA.
- 6. ALL MATERIALS EXCAVATED SHALL REMAIN THE PROPERTY OF THE OWNER AND SHALL BE STOCKVIED AT ON-SITE LOCATIONS AS SPECIFIED BY THE OWNER. MATERIALS SHALL BE STOCKVIED SEPARATELY AS TO USABLE (NON ORGANIC) FILL STOCKVIEDS AND ORGANIC (MUCK) STOCKVIEDS IF MUCK IS ENCOUNTERED. CONTRACTOR SHALL BE RESPONSIBLE FOR THE REMOVAL OF ALL UNSUITABLE FILL MATERIALS FROM THE SITE ALL CLAY PROCUNTERED SHALL BE EXCAVATED OUT AND REPLACED WITH OLGAN GRANNUAR FILL MATERIALS.
- ALL ROCKS OR STONES LARGER THAN SIX INCH DIAMETER SHALL BE REMOVED FROM THE BACKFILL MATERIAL BACKFILL MATERIAL PLACED WITHIN ONE FOOT OF PIPING AND APPURTENANCES SHALL NOT CONTAIN ANY STONES LARGER THAN TWO INCH DIAMETER.

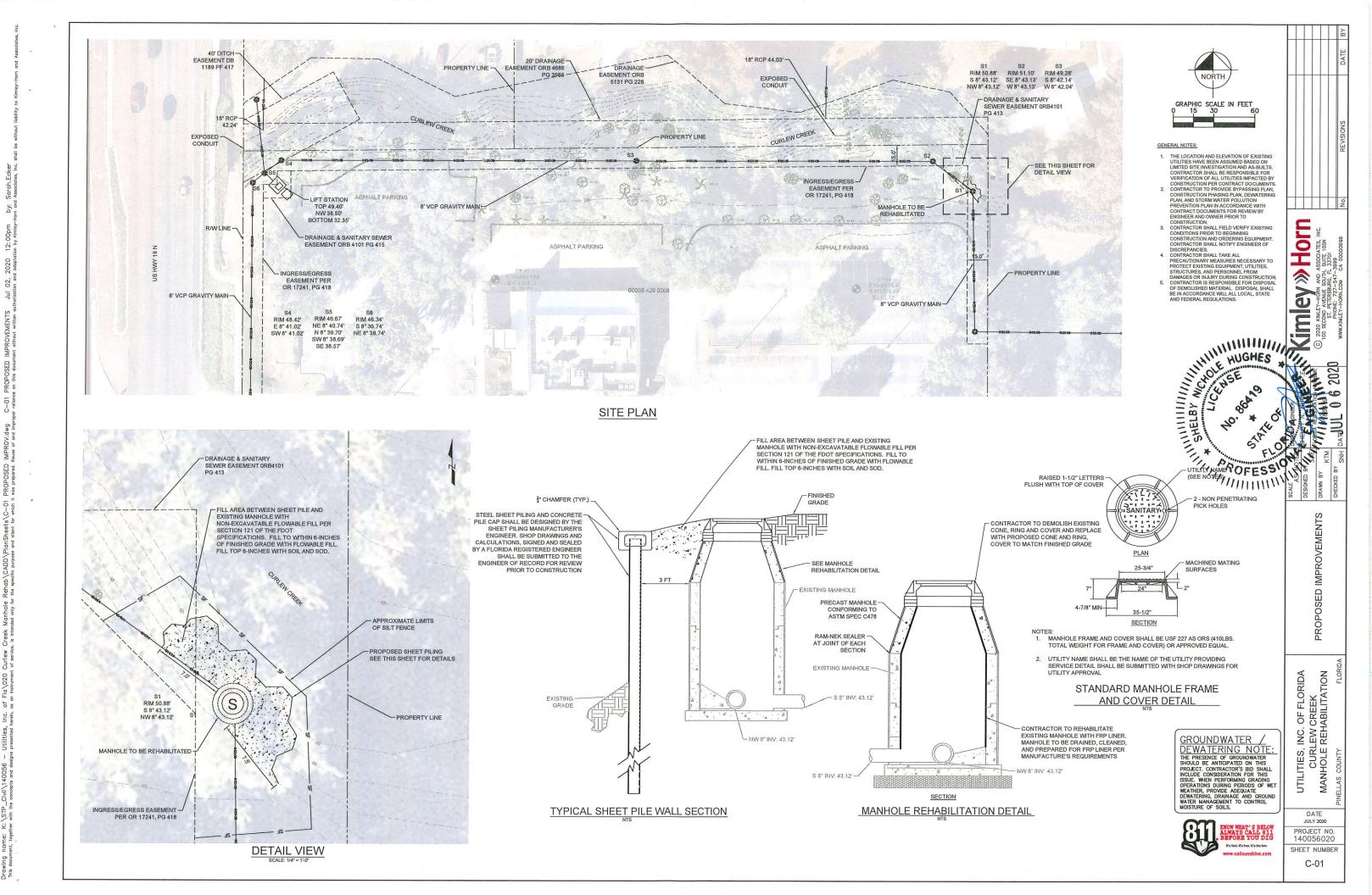
STRUCTURAL

- 1. PROTECT EXISTING FACILITIES, STRUCTURES, AND UTILITY LINES FROM ALL DAMAGE, PROTECT THE WORK, ADJACENT PROPERTY, AND THE PUBLIC. CONTRACTOR IS SOLELY RESPONSIBLE FOR DAMAGE OR INJURY DUE TO HIS ACT OR NEGLECT.
- 2 THE CONTRACTOR IS SOLELY RESPONSIBLE FOR JOB SAFETY AND CONSTRUCTION PROCEDURES.
- PRIOR TO CONSTRUCTION, FIELD VERIFY ALL DIMENSIONS IN THE DRAWINGS AND DETAILS AND REPORT ANY DISCREPANCIES IMMEDIATELY TO THE ENGINEER.
- 4. REFER TO THE ENGINEER FOR INSTRUCTION FOR ANY DIMENSION NOT GIVEN ON DRAWINGS, SCALING OF DRAWINGS SHALL NOT BE USED TO OBTAIN OR VERIFY ANY DIMENSION SHOWN ON THE DRAWINGS.

	SHEET LIST TABLE						
SHEET NUMBER	SHEET TITLE						
G-01	COVER SHEET						
G-02	GENERAL NOTES						
C-01	PROPOSED IMPROVEMENTS						

LEGEND	
SANITARY SEWER MANHOLE	0
PROPERTY LINE	
EASEMENT LINE	
SANITARY SEWER GRAVITY MAIN	
SILT FENCE	æ
STORM PIPE	
FLOWABLE FILL	CONTRACTOR OF
STEEL SHEET PILING	\frown





SECTION 00410

BID FORM (LUMP SUM)

PART 1 GENERAL

1.1 Description

The following Bid, for the (1) Curlew Creek Manhole Rehabilitation, is hereby made to (2) Utilities, Inc. of Florida, hereafter called the Owner. This Bid is submitted by (3) Left Coast Utilities

(2) Owner

(3) Name, address, and telephone number of Bidder

1.2 The Undersigned:

- A. Acknowledges receipt of:
 - 1. Project Manual and Drawings identified within the Project Manual.

P. P. Rudolitadi N	Number Number Number Number	Dated Dated Dated Dated	
-----------------------	--------------------------------------	----------------------------------	--

- B. Has examined the site and all Bidding Documents and understands that in submitting his Bid, he waives all right to plead any misunderstanding regarding the same.
- C. Agrees:
 - 1. To hold this Bid open for 90 calendar days after the bid opening date.
 - 2. To accept the provisions of the Instructions to Bidders regarding disposition of Bid Security.
 - 3. To enter into and execute a contract with the Owner, if awarded on the basis of this Bid, and to furnish a Performance Bond and a Labor and Material Payment Bond in accordance with the Instructions to Bidders.
 - 4. To accomplish the work in accordance with the Contract Documents.

⁽¹⁾ Name of Project as shown in the Invitation for Bids

- 5. To begin work not later than 10 days after the issuance of a Notice to Proceed, unless otherwise provided, and substantially complete the work within **240** calendar days of the date of the Notice to Proceed.
- 6. To accept the provisions of the Agreement as to liquidated damages in the event of failure to complete the work on time.

1.3 Lump Sum Price

The undersigned will construct this project for the Base Bid Lump Sum Price of <u>Sixty-five thousand seven hundred and twenty-five dollars and zero cents</u> (<u>\$65,725.00</u>).

1.4 Schedule of Values

The Bidder hereby indicates the following total units and total prices which represent all materials, labor, equipment, transportation, performance of all operations relative to construction of each project, overhead, and costs of all kinds and profit to complete the work items in accordance with the Project Manual, plans, and permits. Work for which there is not a listed item below shall be considered incidental to the Contract and no additional compensation will be allowed.

PROPOSE	DIMPROVEMENTS				
ITEM	DESCRIPTION	QUANTITY	UNIT	UNIT PRICE	TOTAL PRIC
1	Mobilization (10% Subtotal)	1	LS	\$6,400.00	\$6,400.00
2	Erosion and Sediment Control (including County SWPPP requirements)	1	LS	\$800.00	\$800.00
3	Bypassing	1	LS	\$10,625.00	\$10,625.00
4	Site Preparation and Grading	1	LS	\$1,000.00	\$1,000.00
5	Demolition of Existing Manhole Cone, Ring, and Cover	1	LS	\$2,500.00	\$2,500.00
6	FRP Liner Insert (including cleaning and preparation per manufacturer's requirements)	1	LS	\$20,100.00	\$20,100.00
7	Steel Sheeting Piling and Concrete Pile Cap (including installation per manufacturer's requirements, flowable fill, and restoration with soil and sod)	1	LS	\$20,825.00	\$20,825.00
8	Manhole Cone, Ring and Cover	1	LS	\$2,500.00	\$2,500.00
9	Miscellaneous Site Restoration and Cleanup	1	LS	\$975.00	\$975.00
	TOTAL LUMP SUM	I PRICE (BA	SE BID) \$	\$65,	725.00
BID ITEM	ALTERNATIVE				
ITEM	DESCRIPTION	QUANTITY	UNIT	UNIT PRICE	TOTAL PRIC
A-1	Coat Existing Manhole with Coal Tar Epoxy (including cleaning and preparation per manufacturer's requirements)	1	LS	-	-
A-2	Geotechnical Boring for Sheet Piling Installation - 40-FT Standard Penetration Test	1	LS	-	-

1.5 Miscellaneous Requirements and Affirmations

- A. Proposals (Bids) must be on the Bid Form.
- B. I have attached the following required fully executed forms to this Bid:

Bid Security complying with the requirements of the Bidding Documents. Trench Safety Statement - Section 00430 1.

2.

RESPECTFULLY SU June	BMITTED, signed and _,2020	sealed this	24th	day of
Left Coast Utilities Contractor By (Stonatore) Jeff Arrold Printed Name and Ti	2 Jughod vood Pres	9-30- Date ident	20	
4050 46 th St. North Business Address				
<u>Saint Petersburg</u> City	FL State	<u>33709</u> Zip Cod	le	(CORPORATE SEAL)
E-Mail Address ATTEST: By (Signature)	en Meisole			

END OF SECTION



Lee Neal - Area Manager Utilities, Inc. 200 Weathersfield Avenue Altamonte Springs, FL 32714

TLC Diversified, Inc. Keeping Water Moving

Environmental Construction Professionals Serving the Water & Wastewater Industry

CG C041816 CU C053963

August 12, 2020

Per your request we are providing a proposal for the installation of FRP liners for two sanitary sewer manholes. TLC proposes to remove the existing top cone and insert an FRP liner into the manholes and install new rings & covers. Which includes restoration and clean-up at each site. Quoted costs are valid for 45days.

Scope:

- SSMH in MHP \$19,810.00
- SSMH Winchester & Curlew- \$18,600.00

All proposal pricing is based on uninhibited access to each manhole. It is up to Utilities, Inc. to obtain a right-of-way, written permission and/or easements as required to perform the work.

If any major leaks are encountered, they will be repaired for an additional charge. Pricing for leak repair is \$330.00 per manhole plus an additional \$330.00 for each gallon of repair material used.

If you have any questions, please feel free to contact us. We look forward to working with you on this project.

Thank you,

Joe Bujan

Palmetto Office (HQ) 2719 17th Street East Palmetto, FL. 34221 Oldsmar Office 3980 Tampa Road, Suite 205 Oldsmar, FL. 34677 Florida East Coast Office 7233 Southern Blvd, Suite B-1 West Palm Beach, FL. 33413 ▶ 941-722-0621
■ 941-722-1382
⊕ www.tlcdiv.com