



**CITY OF NORTH PORT PROCUREMENT REQUEST FORM**  
**EMERGENCY/EXIGENCY PROCUREMENT**  
(IN ACCORDANCE WITH FEDERAL GUIDELINES)



DEPARTMENT/DIVISION Public Works / Road and Drainage

NAME OF REQUESTOR Garrett Woods

NAME OF PREPARER Garrett Woods

DATE COMPLETED 10/05/2022

The City shall not be bound by any transactions made contrary to procurement procedures.

For the Procurement Official to process a requisition or visa purchase request related to an **emergency or exigent purchase**, this form must be completed and submitted by the requesting party to Purchasing with the request. **THE CITY MANAGER MUST BE NOTIFIED IMMEDIATELY (VIA EMAIL/PHONE), FOLLOWED BY THE PURCHASING DIVISION.**

*When referring to procurement activity, FEMA defines both **exigency and emergency** as situations that demand immediate aid and action. The difference between the two is as follows:*

*In the case of an **exigency**, there is a need to avoid, prevent or alleviate serious harm or injury, financial or otherwise, to the applicant, and use of competitive procurement proposals would prevent the urgent action required to address the situation. Thus, a noncompetitive procurement may be appropriate.*

*In the case of an **emergency**, a threat to life, public health or safety, or improved property requires immediate action to alleviate the threat.*

**Emergency or Exigency** (in accordance with FEMA guidelines, must specify, see definitions above):

EMERGENCY

Name of Event (if applicable): Hurricane Ian

Project Number for Event (if applicable): IAN22

- A. Description of Item(s) Purchased and Detailed Circumstances of the Emergency or Exigency Purchase/Service:** Must answer who, what, when, where, why and how in the box below or separate memo. (Attach quote back-up).

The Public Works Department is in need of emergency repairs services at Water Control Structure (WCS) No. 106 that was impacted by Hurricane Ian. The area around the WCS experienced historical flood water. An adjacent parking lot was damaged due erosion. Immediate repairs are needed to secure the WCS, repair the parking lot, restore utility services, and public safety for the area. Staff has is requesting Zep Construction to complete an assessment and make all appropriate repairs. In 2019, the City Commission awarded an Agreement No. 2019-49 to Zep Construction for the replacement of WCS No. 106. Zep Construction is readily available and has knowledge of design, reconstruction, and engineering of this structure to respond to this emergency need.

Legistar Staff Summary #19-0054:

[https://cityofnorthport.legistar.com/LegislationDetail.aspx?](https://cityofnorthport.legistar.com/LegislationDetail.aspx?ID=3892687&GUID=FE9FEE-E81F-4F90-ABC6-2FA7C8DFA2B1&Options=ID|Text|Attachments|Other)

[ID=3892687&GUID=FE9FEE-E81F-4F90-ABC6-2FA7C8DFA2B1&Options=ID|Text|Attachments|Other](https://cityofnorthport.legistar.com/LegislationDetail.aspx?ID=3892687&GUID=FE9FEE-E81F-4F90-ABC6-2FA7C8DFA2B1&Options=ID|Text|Attachments|Other)  
&Search=zep



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B. Total Cost of Purchase: \$ 250,000.00

Account #: 107-5000-541.63-00

Project #: IAN22

C. Vendor Information

Vendor Name: ZEP Construction, Inc. Contact: Jovan Zepcevski

Address: 7802 Jean Blvd

City: Fort Myers State: Florida Zip: 33967

Phone: 239-267-8778 Email or Website Address: zepcon@aol.com

I acknowledge that the procurement described herein was made in a manner consistent with the emergency procurement requirements of the City of North Port Procurement Code and Procurement Manual. I have been made aware of the Procurement Code (available on the P-Drive and Intranet) and the policies and procedures related to the City's procurement system.

**GARRETT WOODS**  
Digitally signed by GARRETT WOODS  
Date: 2022.10.07 08:39:09 -04'00'

**Chuck Speake**  
Digitally signed by Chuck Speake  
Date: 2022.10.07 10:22:29 -04'00'

**Requestor** \_\_\_\_\_ **Date** \_\_\_\_\_

**Department Director** \_\_\_\_\_ **Date** \_\_\_\_\_

**Lisa Herrmann**  
Digitally signed by Lisa Herrmann  
Date: 2022.10.07 12:42:12 -04'00'

**Ginny Duyn**  
Digitally signed by Ginny Duyn  
Date: 2022.10.07 14:16:46 -04'00'

**Budget Administrator** \_\_\_\_\_ **Date** \_\_\_\_\_

**Purchasing** \_\_\_\_\_ **Date** \_\_\_\_\_

**Lisa Herrmann**  
Digitally signed by Lisa Herrmann  
Date: 2022.10.07 12:42:28 -04'00'

*Jean Harbough* Date: 2022.10.11 14:13:50 -04'00'

**Finance Director** \_\_\_\_\_ **Date** \_\_\_\_\_

**Assistant City Manager** \_\_\_\_\_ **Date** \_\_\_\_\_

**Jerome Fletcher**  
Digitally signed by Jerome Fletcher  
DN: DN=NorthPort, DC=City, OU=Departments, OU=CityManager, CN=Jerome Fletcher, E=jfletcher@cityofnorthport.com  
Reason: I am the author of this document  
Location: your signing location here  
Date: 2022.10.11 16:06:33 -04'00'  
Foxit PDF Reader Version: 11.1.0

**City Manager** \_\_\_\_\_ **Date** \_\_\_\_\_

**PRINT**    **Clear All Fields**

## Garrett Woods

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**From:** Elizabeth Wong  
**Sent:** Friday, October 7, 2022 8:28 AM  
**To:** Tricia Wisner  
**Cc:** Danny Quick; Garrett Woods  
**Subject:** Quote for WCS 106 emergency repairs  
**Attachments:** WCS 106 Erosion.jpg; 2022-10-06 WCS106 Erosion Rehabilitation.pdf

Tricia,

WCS 106 is located at the West end of Cocoplum Waterway that discharges to Myakkahatchee Creek. Hurricane Ian is a 500-year storm with a very large amount of rainfall. The extremely high water level in Cocoplum coupled with the Category 4 North to South winds passing through North Port, caused lashing of water onto the south banks of our WCS 106 and has eroded the banks adjacent to our structure, and severely impacted the adjacent Winn Dixie parking lot. The erosion is within 23.6 ft from the corner of the building. The attached photo is looking south with the upstream end on the left and the downstream on the right. The three visible segments of white PVC pipe in the water is the watermain which have since been valved off. Due to the pressing need to get the watermain back in service for the Commercial facility and need to control the erosion, we have met on site with our engineer KHA and Zep contractors (they had designed and constructed the WCS 106 respectively) and came up with the attached pdf of repairs using sheet piling.

Please see the below Phased quote from Zep Construction Inc. for the repairs to WCS 106

- Phase 1 is for emergency repairs related to life, safety and health to block the water in the breach in order to allow the repair of the existing watermain in the eroded collapsed area. The restoration of the main is critical to the Winn Dixie and associate commercial facilities as their power is already restored.
- Phase 2 is the less critical component of the repairs.

**Elizabeth Wong P.E.**  
Stormwater Manager  
City of North Port  
Department of Public Works  
1100 N. Chamberlain Blvd  
North Port, FL 34286  
Office: 941.240.8321  
Cellphone: 941.628.1475  
Fax 941.240.8063  
[ewong@northportfl.gov](mailto:ewong@northportfl.gov)  
<https://www.northportfl.gov/>

A City where you can "Achieve Anything."

**From:** ZEP ZEPCEVSKI <[zepcon@aol.com](mailto:zepcon@aol.com)>  
**Sent:** Thursday, October 6, 2022 4:54 PM  
**To:** Elizabeth Wong <[ewong@northportfl.gov](mailto:ewong@northportfl.gov)>  
**Cc:** Doug Hendrickson <[doug@zepconstruction.com](mailto:doug@zepconstruction.com)>  
**Subject:** Re: [EXTERNAL] Quote for WCS 106 emergency repairs

**EXTERNAL EMAIL:** This email is from an external source! Be careful of any links, attachments, or requests for login i

## WCS #106 Emergency Repairs

### Phase 1

Mobilization	1	\$31,000.00	\$31,000.00
Steel Sheet Piling	3000	\$63.50	\$190,500.00
Dewater/Pumping	1	\$4,900.00	\$4,900.00
Devbris Removal & Disposal	1	\$2,900.00	\$2,900.00
Embankment (Truck Measure)	450	\$46.00	\$20,700.00

=====  
\$250,000.00

### Phase 2

Mobilization	1	\$31,250.00	\$31,250.00
Steel Sheet Piling	0	\$63.50	\$0.00
Dewater/Pumping	1	\$4,900.00	\$4,900.00
Devbris Removal & Disposal	1	\$2,900.00	\$2,900.00
Embankment (Truck Measure)	900	\$46.00	\$41,400.00
Limerock/Shell Base (6")	600	\$30.00	\$18,000.00
Asphalt ( 2")	800	\$42.00	\$33,600.00
Bedding Stone (12" Thick)	110	\$139.00	\$15,290.00
Riprap (Bank & Shore)	425	\$142.00	\$60,350.00
Concrete Cap	30	\$1,450.00	\$43,500.00
Reinforcing Steel	2000	\$2.50	\$5,000.00
Concrete Curbing	160	\$65.00	\$10,400.00
Chain Link Fence	100	\$50.00	\$5,000.00
Sodding - Bahia	400	\$8.00	\$3,200.00

=====  
\$274,790.00

\$524,790.00

Sent from my iPhone



# CONSTRUCTION PLANS FOR WATER CONTROL STRUCTURE NO. 106 REHABILITATION PREPARED FOR THE CITY OF NORTH PORT, FLORIDA

OCTOBER 2022

LOCATED IN SECTION 32, TOWNSHIP 39 SOUTH, RANGE 21 EAST  
CITY OF NORTH PORT, SARASOTA COUNTY, FLORIDA



LOCATION MAP (N.T.S.)

CITY OF NORTH PORT CITY OFFICIALS

**DISTRICT #1:**  
ALICE WHITE, COMMISSIONER

**DISTRICT #2:**  
BARBARA LANGOOD, VICE MAYOR

**DISTRICT #3:**  
DEBBIE MCDOWELL, COMMISSIONER

**SEAT #4:**  
PETE EMRICH, MAYOR

**SEAT #5:**  
JILL LUKE, COMMISSIONER

PROJECT TEAM:

**OWNER:**  
CITY OF NORTH PORT  
4970 CITY HALL BLVD.  
NORTH PORT, FLORIDA 34286  
(941) 429-7000

**PROJECT MANAGER:**  
CITY OF NORTH PORT DEPARTMENT OF PUBLIC WORKS  
1100 N. CHAMBERLIN BLVD.  
NORTH PORT, FLORIDA 34286  
ELIZABETH WONG, P.E.  
(941) 240-8321

**ENGINEER:**  
KIMLEY-HORN AND ASSOCIATES INC.  
1777 MAIN STREET, SUITE 200  
SARASOTA, FLORIDA 34233  
PETER T. VAN BUSKIRK, P.E.  
(941) 379-7822

**SURVEYOR:**  
VAN BUSKIRK, FISH, AND ASSOCIATES, INC.  
12450 UNIT C TAMAMI TRAIL  
NORTH PORT, FL 34287  
ALAN K. FISH, P.E., S.M.  
(941) 426-0581

LIST OF CONTACTS:

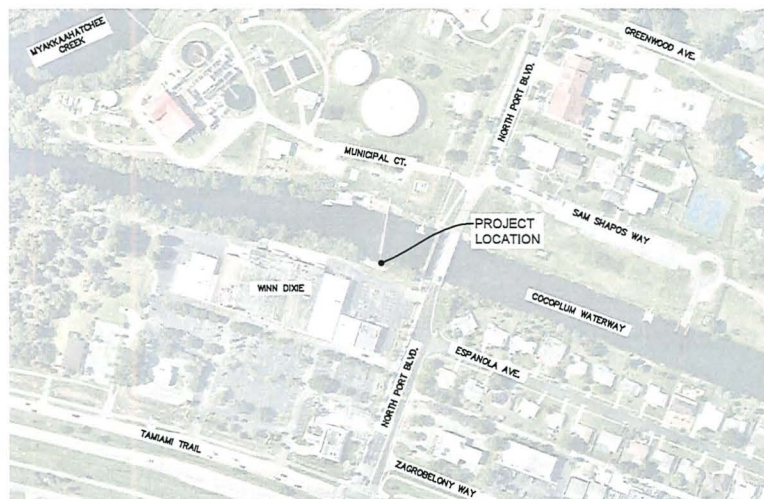
**TELEPHONE:**  
VERIZON  
1701 RINGLING BLVD.  
SARASOTA, FL 34236  
(941) 952-5824

**GAS:**  
TECO / PEOPLES GAS  
8261 VICO CT.  
SARASOTA, FL 34240  
(941) 342-4006

**ELECTRIC:**  
FLORIDA POWER & LIGHT  
2245 MURPHY CT.  
NORTH PORT, FL 34289  
(941) 927-4238

**WATER AND SEWER:**  
CITY OF NORTH PORT UTILITIES DEPT.  
6644 WEST PRICE BLVD.  
NORTH PORT, FL 34291  
941-240-8000

**CATV:**  
COMCAST CABLE  
5235 FRUITVILLE ROAD  
SARASOTA, FL 34232  
(941) 342-3577

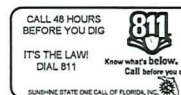


VICINITY MAP (N.T.S.)

PREPARED BY

**Kimley»Horn**

© 2022 KIMLEY-HORN AND ASSOCIATES, INC.  
1777 MAIN STREET, SUITE 200, SARASOTA, FL 34236  
PHONE: 941-379-7600  
WWW.KIMLEY-HORN.COM REGISTRY NO. 35105



SHEET LIST TABLE

SHEET NUMBER	SHEET TITLE
C-01	COVER SHEET
C-02	NOTES
C-03	EXISTING CONDITIONS
C-04	SITE PLAN
C-05	SECTIONS AND DETAILS

PETER T. VAN BUSKIRK  
P.E., REGISTERED ENGINEER #38859  
REGISTRY NO. 35106

I HEREBY CERTIFY THAT TO THE BEST OF MY KNOWLEDGE AND BELIEF THE DESIGN OF THIS PROJECT AS PREPARED UNDER MY PERSONAL DIRECTION AND CONTROL, COMPLIED WITH ALL APPLICABLE STANDARDS, INCLUDING MY PERSONAL DIRECTION AND CONTROL, COMPLIED WITH ALL APPLICABLE STANDARDS, INCLUDING THE "MANUAL OF UNIFORM MINIMUM STANDARDS FOR THE DESIGN, CONSTRUCTION AND MAINTENANCE FOR THE STREETS AND HIGHWAYS" AS ADOPTED BY THE FLORIDA DEPARTMENT OF TRANSPORTATION PURSUANT TO SUBSECTION 235.075(1) AND 60 FLORIDA STATUTES AND THE CHARLOTTE COUNTY LAND DEVELOPMENT REGULATIONS.

**STRUCTURAL GENERAL NOTES**

- THESE NOTES ARE NOT INTENDED TO REPLACE THE PROJECT SPECIFICATIONS OR CONSTRUCTION DRAWING NOTES & DETAILS. IN CASE OF CONFLICT BETWEEN THE REQUIREMENTS OF THE SPECIFICATIONS/CONSTRUCTION DRAWINGS AND THESE NOTES, THE MORE STRINGENT REQUIREMENT SHALL APPLY.
- THE GOVERNING CODE FOR THIS PROJECT IS THE 2022 FLORIDA BUILDING CODE.
- THE CONTRACT DOCUMENTS HAVE MADE NO INTENT TO GIVE SPECIFIC INSTRUCTIONS CONCERNING THE MEANS, METHODS, TECHNIQUES, SEQUENCES, PROCEDURES AND ASSIGNMENT OF WORK.
- THE CONTRACTOR SHALL BE SOLELY RESPONSIBLE FOR SUPERVISING AND DIRECTING THE WORK TO THE BEST OF OUR KNOWLEDGE, THE CIVIL DRAWINGS AND SPECIFICATIONS COMPLY WITH THE APPLICABLE REQUIREMENTS OF THE GOVERNING BUILDING CODE.
- CONSTRUCTION SHALL COMPLY WITH REQUIREMENTS OF THE GOVERNING BUILDING CODE AND ALL OTHER APPLICABLE FEDERAL, STATE AND LOCAL CODES, STANDARDS, REGULATIONS AND LAWS.
- THE STRUCTURAL DRAWINGS ARE TO BE USED IN CONJUNCTION WITH THOSE OF THE OTHER TRADES. IF A CONFLICT EXISTS, THE MORE STRINGENT REQUIREMENT SHALL APPLY.
- CONTRACTOR SHALL VISIT PROJECT SITE AND BE FAMILIAR WITH THE PROPOSED WORK, TAKE FIELD MEASUREMENTS AND VERIFY ALL FIELD CONDITIONS, AND REPORT ANY DISCREPANCIES TO THE ENGINEER PRIOR TO CONSTRUCTION.
- CONTRACTOR SHALL REVIEW ALL CONTRACT DOCUMENTS, DIMENSIONS AND SITE CONDITIONS AND COORDINATE WITH FIELD DIMENSIONS AND PROJECT SHOP DRAWINGS PRIOR TO CONSTRUCTION. THE CONTRACTOR SHALL VERIFY ALL DIMENSIONS GIVEN ON STRUCTURAL DRAWINGS RELATING TO GRID LINES, COLUMN AND WALL LOCATIONS, STRUCTURAL AND FINISHED FLOOR ELEVATIONS, MEMBER SIZES, ETC. WITH THE DRAWINGS OF OTHER TRADES BEFORE STARTING ANY WORK. REPORT ANY DISCREPANCIES VERBALLY AND IN WRITING IMMEDIATELY TO ENGINEER PRIOR TO PROCEEDING WITH WORK. WORK SHALL NOT COMMENCE UNTIL THE DISCREPANCIES ARE RESOLVED. DO NOT CHANGE SIZE OR DIMENSIONS OF STRUCTURAL MEMBERS WITHOUT WRITTEN INSTRUCTIONS FROM THE PROJECT ENGINEER OR RECORD.
- DISCREPANCIES, OMISSIONS OR VARIATIONS NOTED ON THE DRAWINGS OR IN THE SPECIFICATIONS DISCOVERED DURING AND AFTER THE BIDDING PERIOD SHALL BE IMMEDIATELY COMMUNICATED IN WRITING TO THE ENGINEER.
- CONTRACTOR SHALL PROTECT EXISTING FACILITIES, STRUCTURES AND UTILITY LINES FROM DAMAGE AND SHALL PROTECT HIS WORK, ADJACENT PROPERTY AND THE PUBLIC. CONTRACTOR IS SOLELY RESPONSIBLE FOR JOB SITE SAFETY, CONSTRUCTION PROCEDURES AND DAMAGE OR INJURY DUE TO HIS ACT OR NEGLIGENCE.
- CONTRACTOR SHALL SUITABLY DOCUMENT EXISTING CONDITIONS PRIOR TO COMMENCEMENT OF THE WORK, AND SHALL RESTORE ALL DAMAGED OR DISTURBED AREAS TO MEET OR EXCEED ORIGINAL SITE CONDITIONS TO THE OWNER'S SATISFACTION.
- DO NOT REPRODUCE THE STRUCTURAL DRAWINGS FOR USE AS ERECTION, PLACING, FABRICATION OR SHOP DRAWINGS.
- SCALING OF DRAWINGS SHALL NOT BE USED TO OBTAIN OR VERIFY ANY DIMENSION SHOWN ON THE DRAWINGS. THE CONTRACTOR SHALL REFER TO THE ENGINEER FOR INSTRUCTION FOR ANY DIMENSION NOT GIVEN ON DRAWINGS.
- SEE DRAWINGS OF OTHER TRADES FOR SIZE AND LOCATION OF POSSIBLE ADDITIONAL OPENINGS IN STRUCTURES NOT SHOWN ON STRUCTURAL DRAWINGS.
- DETAILS LABELLED "TYPICAL DETAILS" ON THE DRAWINGS APPLY TO ALL SITUATIONS THAT ARE THE SAME OR SIMILAR TO THOSE SPECIFICALLY DETAILED. SUCH DETAILS APPLY WHETHER OR NOT THEY ARE KEYED IN AT EACH LOCATION. QUESTIONS REGARDING APPLICABILITY OF TYPICAL DETAILS SHALL BE RESOLVED BY THE ENGINEER.
- CONTRACTOR SHALL PROVIDE 48 HOURS MINIMUM ADVANCE NOTICE TO ENGINEER FOR ALL REQUIRED FIELD REVIEWS.
- CONTRACTOR SHALL COORDINATE WITH OWNER ALL ITEMS TO BE CONTRACTED, SUPPLIED OR INSTALLED BY OWNER.
- CONTRACTOR IS RESPONSIBLE FOR ALL BUILDING, PERMIT, REVIEW, LICENSE AND DEVELOPMENT FEES REQUIRED TO COMPLETE THE PROJECT.
- CONTRACTOR SHALL ASSEMBLE AND INSTALL MATERIALS AND PRODUCTS IN STRICT ACCORDANCE WITH THE MANUFACTURER'S INSTRUCTIONS AND WITH INDUSTRY/ASSOCIATION STANDARDS.
- MATERIALS OR WORK DESCRIBED IN WORDS WHICH HAVE A WELL-KNOWN TECHNICAL TRADE MEANING SHALL BE HELD TO REFER TO THE RECOGNIZED STANDARD. ALL MATERIALS SHALL BE NEW, U.O.N.
- MINOR DEVIATIONS FROM THE DESIGN LAYOUT ARE ANTICIPATED AND SHALL BE CONSIDERED AS PART OF THE WORK, HOWEVER, NO CHANGES THAT ALTER THE CHARACTER INTENT OF THE DESIGN WILL BE MADE WITHOUT A CHANGE ORDER.

**UTILITIES**

- CONTRACTOR SHALL LOCATE IN THE FIELD ALL UTILITIES OCCURRING WITHIN THE LIMITS OF EXCAVATION.
- CONTRACTOR SHALL CALL SUNSHINE STATE ONE CALL OF FLORIDA, INC. (1-800-432-4770) AT LEAST 48 HOURS BEFORE COMMENCEMENT OF ANY EXCAVATION OPERATIONS ON SITE.
- DATA CONCERNING TYPE AND LOCATION OF UNDERGROUND AND OTHER UTILITIES IS NOT GUARANTEED TO BE ACCURATE OR ALL-INCLUSIVE. THE CONTRACTOR IS RESPONSIBLE FOR MAKING HIS OWN DETERMINATIONS AS TO THE TYPE AND LOCATION OF UNDERGROUND AND OTHER UTILITIES AS MAY BE NECESSARY TO AVOID DAMAGE THERETO.

**DOCUMENTS AND LIMITATIONS**

- THE DRAWINGS, CALCULATIONS, AND REPRODUCTIONS RELATING TO THE STRUCTURAL PART OF THE PROJECT ARE INSTRUMENTS OF SERVICE TO BE USED FOR THIS PROJECT ONLY.
- IT IS UNDERSTOOD THAT THE ENGINEER MAKES NO WARRANTY, EITHER EXPRESSED OR IMPLIED, AS TO THE FINDINGS, DESIGN, RECOMMENDATIONS, SPECIFICATIONS, OR PROFESSIONAL ADVICE EXCEPT THAT THESE INSTRUMENTS OF SERVICE HAVE BEEN PREPARED IN ACCORDANCE WITH CURRENT GENERALLY ACCEPTED PROFESSIONAL ENGINEERING PRACTICES.

**SUBMITTALS REQUIRING ENGINEERING INPUT BY DELEGATED (SPECIALTY) ENGINEER**

- DELEGATED ENGINEER:
  - DEFINITION - A FLORIDA PROFESSIONAL ENGINEER WHO UNDERTAKES A SPECIALTY SERVICE AND PROVIDES SERVICES OR CREATIVE WORK (DELEGATED ENGINEERING DOCUMENT) REGARDING A PORTION OF THE ENGINEERING PROJECT. THE DELEGATED ENGINEER IS THE ENGINEER OF RECORD FOR THAT PORTION OF THE ENGINEERING PROJECT.
  - SHALL BE: (1) AN INDEPENDENT CONSULTANT, (2) AN EMPLOYEE OR OFFICER OF AN ENTITY SUPPLYING COMPONENTS TO A FABRICATOR OR CONTRACTOR, SO LONG AS THE ENGINEER ACTS AS AN INDEPENDENT CONSULTANT OR THROUGH A DULY QUALIFIED ENGINEERING CORPORATION, OR (3) AN EMPLOYEE OR OFFICER OF A FABRICATOR OR CONTRACTOR, SO LONG AS THE ENGINEER ACTS AS AN INDEPENDENT CONSULTANT OR THROUGH A DULY QUALIFIED ENGINEERING CORPORATION.
- SUBMITTALS FOR CUSTOM DESIGNED, MANUFACTURED OR FABRICATED LOAD-BEARING ITEMS AND CUSTOM FABRICATED ITEMS WHICH ARE REQUIRED BY CODES OR STANDARDS TO RESIST FORCES AND STRESSES, INCLUDING THEIR CONNECTIONS, ANCHORAGES AND ATTACHMENTS REQUIRE A DELEGATED ENGINEER.
- AS A MINIMUM, THE FOLLOWING SYSTEMS AND COMPONENTS REQUIRE FABRICATION AND ERECTION DRAWINGS WITH INPUT BY A DELEGATED ENGINEER:
  - COFFERDAM/TEMPORARY SHEET PILES FOR Dewatering
  - TEMPORARY SHORING
  - HANDRAILS, GUARDRAILS.

- FOR EACH CATEGORY OF SUBMITTALS REQUIRING INPUT FROM A DELEGATED ENGINEER, THE CONTRACTOR SHALL ATTACH TO THE FIRST SUBMITTAL A SIGNED AND SEALED LETTER FROM THE RESPONSIBLE DELEGATED ENGINEER STATING & CERTIFY THAT THE DESIGN AND DRAFTING OF THE SHOP DRAWINGS WHICH ARE SIGNED AND SEALED BY ME WERE PREPARED UNDER MY DIRECT SUPERVISION AND CONTROL, AND TO THE BEST OF MY KNOWLEDGE, THE SHOP DRAWINGS COMPLY WITH THE APPLICABLE MINIMUM BUILDING CODES AND THE CONTRACT DOCUMENTS.
- SUBMITTALS SHALL CLEARLY IDENTIFY THE SPECIFIC PRODUCT AND APPLICABLE CODES, LIST THE DESIGN CRITERIA, AND SHOW ALL DETAILS AND PLANS NECESSARY FOR PROPER FABRICATION AND INSTALLATION. CALCULATIONS AND SHOP DRAWINGS SHALL IDENTIFY SPECIFIC PRODUCTS UTILIZED. GENERIC PRODUCTS WILL NOT BE ACCEPTED.
- SHOP DRAWINGS AND CALCULATIONS REQUIRE THE IMPRESSED SEAL, DATE AND SIGNATURE OF THE DELEGATED ENGINEER. COMPUTER PRINTOUTS ARE AN ACCEPTABLE SUBSTITUTE FOR MANUAL COMPUTATIONS PROVIDED THEY ARE ACCOMPANIED BY SUFFICIENT DESCRIPTIVE INFORMATION TO PERMIT THEIR PROPER EVALUATION. SUCH DESCRIPTIVE INFORMATION SHALL BEAR THE IMPRESSED SEAL AND SIGNATURE OF THE DELEGATED ENGINEER AS AN INDICATION THAT HE HAS ACCEPTED RESPONSIBILITY FOR THE RESULTS. IF ACCOMPANYING SIGNED AND SEALED BLUELINE PRINTS ARE PROVIDED, SEALS DO NOT REQUIRE SIGNATURE AND SEAL. THE ENGINEER WILL RETAIN 2 SIGNED AND SEALED BLUELINE PRINTS FOR HIS RECORDS.
- CALCULATIONS ARE THE SOLE RESPONSIBILITY OF THE DELEGATED ENGINEER. CALCULATIONS ARE SUBMITTED TO THE ENGINEER FOR HIS RECORDS.
- CATALOG INFORMATION ON STANDARD PRODUCTS (I.E. "CUT SHEETS") DOES NOT REQUIRE THE SEAL OF A DELEGATED ENGINEER.
- REVIEW BY THE PROJECT ENGINEER OF RECORD OF SUBMITTALS IS LIMITED TO VERIFYING THE FOLLOWING:
  - THAT THE SPECIFIED STRUCTURAL SUBMITTALS HAVE BEEN FURNISHED.
  - THAT THE STRUCTURAL SUBMITTALS HAVE BEEN SIGNED AND SEALED BY THE DELEGATED ENGINEER.
  - THAT THE DELEGATED ENGINEER HAS UNDERSTOOD THE DESIGN INTENT AND HAS USED THE SPECIFIED STRUCTURAL CRITERIA. (NO DETAILED CHECK OF CALCULATIONS WILL BE MADE.)
  - THAT THE CONFIGURATION SET FORTH IN THE STRUCTURAL SUBMITTALS IS CONSISTENT WITH THE CONTRACT DOCUMENTS. (NO DETAILED CHECK OF DIMENSIONS OR QUANTITIES WILL BE MADE.)
- SUBMITTALS NOT MEETING THE ABOVE CRITERIA, OR SUBMITTED AFTER FABRICATION, WILL NOT BE REVIEWED.

**REINFORCED CONCRETE**

- ALL CONCRETE MATERIALS, PLACING AND HANDLING SHALL BE IN ACCORDANCE WITH AMERICAN CONCRETE INSTITUTE (ACI) 301, ACI 318 AND ACI 330. CURING OF CONCRETE SHALL BE IN STRICT ACCORDANCE WITH ACI 301 PROVISIONS.
- ALL STRUCTURAL CONCRETE SHALL HAVE A MINIMUM 28-DAY COMPRESSIVE STRENGTH OF 5500 PSI AND BE FOOT CLASS IV WITH SILICA FUME AND A MAXIMUM WATER TO CEMENT RATIO OF 0.40
- USE NORMAL WEIGHT CONCRETE (145 PCF MIN.) FOR ALL STRUCTURAL MEMBERS. DO NOT USE CALCIUM CHLORIDE IN ANY CONCRETE.
- PROVIDE A 3 INCH SLUMP WITH A TOLERANCE OF +/- 1 INCH.
- IF CONCRETE IS PUMPED, SLUMP MAY BE INCREASED TO 6 INCHES AT THE TRUCK, PROVIDED THE SLUMP SPECIFIED ABOVE IS MAINTAINED AT THE DISCHARGE END. USE A MINIMUM 4 INCH PUMP. FOR PUMPED CONCRETE, TAKE CONCRETE SAMPLES FOR SLUMP TEST AT END OF TRUCK CHUTE AND AT DISCHARGE END OF HOSE, AND TAKE SAMPLES FOR CYLINDER TESTING AT DISCHARGE END OF HOSE.
- WATER SHALL NOT BE ADDED TO CONCRETE AT THE JOBSITE UNLESS SPECIFIC AUTHORIZATION IS INDICATED ON THE DELIVERY TICKET. NOTIFY ENGINEER OF TOTAL QUANTITY OF WATER ADDED TO ANY TRUCK. REPEAT NECESSARY TESTING IF WATER IS ADDED AFTER INITIAL SAMPLING.
- CONCRETE AGGREGATE SHALL CONFORM TO ASTM C33. PEARLITE AGGREGATE SHALL NOT BE USED.
- ALL ANCHOR BOLTS SHALL BE ACCURATELY SET WITHIN A TOLERANCE OF +/- 1/8 INCH IN BOTH ELEVATION AND LOCATION.
- ALL CONCRETE SHALL BE PLACED IN THE DRY. ALL FORMS SHALL BE FREE OF STANDING WATER.
- ALL CONCRETE SHALL BE VIBRATED IN PLACE IN ACCORDANCE WITH ACI RECOMMENDED PRACTICES. NO PLACING OF CONCRETE WILL BE COMMENCED UNLESS THERE ARE TWO OPERABLE CONCRETE VIBRATORS ON THE JOB SITE.
- CONCRETE COVER OVER REINFORCING STEEL SHALL BE 3 INCH MINIMUM.
- PROVIDE 3/4 INCH CHAMBERS ON ALL EXPOSED EDGES, EXCEPT AS OTHERWISE NOTED.
- FORM TIES AND REINFORCING BAR SUPPORTS SHALL BE OF NON-CORROSIVE MATERIAL INCLUDING, BUT NOT LIMITED TO, FIBERGLASS, PLASTIC, AND CONCRETE BLOCK. BAR SUPPORTS PLACED TOP VAPOR BARRIERS SHALL BE CONCRETE BLOCK.
- ANY REB. STRAPS OR OTHER METALLIC FORMWORK ITEMS SHALL BE REMOVED TO A DEPTH OF 1-1/2 INCHES MINIMUM BELOW FINISHED CONCRETE SURFACE. CONCRETE SHALL BE REPAIRED IN ACCORDANCE WITH ACI 301.
- CONCRETE FINISHES:
  - FORMED SURFACES SHALL RECEIVE A SMOOTH-FORM FINISH IN ACCORDANCE WITH ACI 301. OFFSET BETWEEN ADJACENT PIECES OF FORMWORK FACING MATERIAL SHALL NOT EXCEED "CLASS A" TOLERANCE REQUIREMENTS OF ACI 117 (I.E. 1/8 INCH MAX. OFFSET).
  - SLAB SURFACES SHALL RECEIVE A TROWELED FINISH IN ACCORDANCE WITH ACI 301. FINISH TOLERANCES SHALL BE IN ACCORDANCE WITH "VERY FLAT" CLASSIFICATION REQUIREMENTS OF ACI 117 (I.E. 1/8 INCH MAX. IN 10 FEET).
  - WHERE A NONSLIP FINISH IS REQUIRED, GIVE THE SURFACE A BROOM FINISH OR DRY-SHAKE APPLICATION OF FINELY CRUSHED ABRASIVE PARTICLES.
- COORDINATE SIZE, TYPE AND LOCATION OF ALL PENETRATIONS, CONDUIT, CHAMFERS AND EMBEDDED ITEMS PRIOR TO CONCRETE PLACEMENT.
- DO NOT IMPOSE SERVICE LOADS ON CONCRETE ELEMENTS UNTIL THE CONCRETE HAS REACHED ITS SPECIFIED MINIMUM COMPRESSIVE STRENGTH.
- ALL GROUT FOR BASE PLATES SHALL BE HIGH STRENGTH, NON-SHRINK, NON-METALLIC.

**REINFORCING STEEL**

- REINFORCING STEEL SHALL BE IN ACCORDANCE WITH ASTM A615 WITH SUPPLEMENT, GRADE 60.
- MAXIMUM WORKING STRESS OF 24,000 PSI. TOLERANCES FOR REINFORCING BAR FABRICATION SHALL CONFORM TO THE CURRENT CRSI MANUAL OF STANDARD PRACTICE.
- ALL REINFORCING STEEL SHALL BE UNCOATED (BLACK) DEFORMED BARS AND SHALL BE FREE FROM LOOSE RUST, SCALE OR OTHER COATINGS.
- ALL REINFORCING STEEL SHALL BE ACCURATELY PLACED, RIGIDLY SUPPORTED AND FIRMLY TIED IN PLACE WITH BARS, SUPPORTS AND SPACERS. VERIFY THAT PLACEMENT OF REINFORCING STEEL WILL NOT CONFLICT WITH SUBSEQUENT INSTALLATION OF ANCHOR BOLTS, FASTENERS OR FIELD-DRILLED COMPONENTS.
- UNLESS OTHERWISE NOTED, LAP BOTTOM STEEL OVER STRUCTURAL SUPPORTS AND TOP STEEL AT MIDSPAN.
- ALL LAP LENGTHS SHALL BE IN ACCORDANCE WITH ACI 318, ACI 330 AND CRSI STANDARD PRACTICE, U.O.N.
- HOOK DISCONTINUOUS ENDS OF ALL TOP BARS AND ALL BARS IN WALLS U.O.N.
- ACI STANDARD HOOKS SHALL BE USED AS A MINIMUM, U.O.N.
- ALL DIMENSIONS FOR SIZE AND LOCATION OF REINFORCING BARS ARE TO CENTERLINE OF BARS EXCEPT WHERE THE CLEAR DIMENSION IS SHOWN TO FACE OF CONCRETE.
- REINFORCEMENT DETAIL DIMENSIONS ARE OUT-TO-OUT OF BARS.

- SUBMIT SHOP DRAWINGS TO ENGINEER FOR REVIEW PRIOR TO FABRICATING REINFORCING STEEL. DO NOT REPRODUCE THE STRUCTURAL DRAWINGS FOR USE AS PLACING DRAWINGS OR SHOP DRAWINGS.
- PROVIDE CONSTRUCTION JOINTS IN ACCORDANCE WITH ACI 318 AND SUBMIT DRAWINGS SHOWING LOCATIONS AND DIRECTION OF POUR FOR ENGINEER'S REVIEW. PROVIDE KEYWAYS AND ADEQUATE DOWELS AT ALL CONSTRUCTION JOINTS.
- PROVIDE REINFORCING STEEL ERECTOR WITH A SET OF STRUCTURAL DRAWINGS FOR FIELD USE. INSPECT REINFORCING STEEL PLACEMENT FROM SHOP DRAWINGS.

**STEEL SHEET PILING**

- SHEET PILE STEEL SHALL CONFORM TO ASTM A572 GRADE 50, Fy = 50 KS MIN.
- DESIGN ASSUMES AN EQUIVALENT P227 SHEET PILING. THE CONTRACTOR MAY SUBSTITUTE WITH OTHER SHEET PILING WITH EQUAL OR LARGER SECTIONS MODULUS SUBJECT TO APPROVAL.
- FOLLOW MANUFACTURER'S RECOMMENDATIONS REGARDING: MATERIAL, NUMBER OF TEST, FABRICATED CONNECTIONS, TOLERANCES, LENGTHS, SPLING, HANDLING HOLES, DRILLING AND TECHNICAL INFORMATION.
- FOR CORNER SHEET PILE USE RECOMMENDED BY MANUFACTURER AS REQUIRED PER WALL LAYOUT.
- THE EMBEDMENT LENGTHS PROVIDED ARE MINIMUM LENGTHS. THE CONTRACTOR MAY PLACE LONGER SHEET PILING AT HIS EXPENSE.
- ANCHOR BOLTS:
  - ANCHOR BOLTS SHALL BE 316 STAINLESS STEEL MEETING THE REQUIREMENTS OF ASTM F953 OR ASTM A323.
  - PROVIDE A HEAVY HEX NUT AT THE BOTTOM OF EACH ANCHOR BOLT. SECURE NUT AGAINST LOOSENING DURING CONCRETE PLACEMENT BY TACK WELDING TO ANCHOR BOLT OR PROVIDING DOUBLE NUTS AT THE BASE OF THE ANCHOR BOLT.
  - EMBED ANCHOR BOLTS TO DEPTH IN THE FOUNDATION INDICATED IN THESE CONSTRUCTION PLANS. EMBEDMENT DEPTH SHALL BE MEASURED FROM THE TOP OF THE CONCRETE TO THE TOP OF THE HEAVY HEX NUT AT THE BOTTOM OF THE ANCHOR BOLT.
  - ANCHOR BOLTS SHALL BE SECURED DURING CONCRETE PLACEMENT SUCH THAT THEY REMAIN STRAIGHT AND PLUMB AND MAINTAIN THE REQUIRED EMBEDMENT DEPTH.
  - PROTECT THE THREADS ON THE ANCHOR BOLT PROJECTION FROM DAMAGE UNTIL INSTALLATION OF THE CONNECTING MEMBER.

**ABBREVIATIONS**

- A.F.F. ABOVE FINISH FLOOR
- CONT. CONTINUOUS
- C.J. CONTROL JOINT
- CON. CONCRETE
- CON. MASONRY UNIT
- CA. EACH
- E.F. EACH FACE
- E.J. EXPANSION JOINT
- E.L. ELEVATION
- E.W. EACH WAY
- F.F.C. FINISHED FLOOR ELEVATION
- MAX. MAXIMUM
- MIN. MINIMUM
- M.O. MASONRY OPENING
- N.T.S. NOT TO SCALE
- D.C. ON CENTER
- P.T. PRESERVATIVE TREATED
- S.S. STAINLESS STEEL
- STD. STANDARD
- T&B TOP & BOTTOM
- TYP. TYPICAL
- U.O.N. UNLESS OTHERWISE NOTED
- W.P. WORK POINT

**REFERENCE:**

GEOTECHNICAL EXPLORATION REPORT PREPARED BY ARDAMAH & ASSOCIATES, INC. DATED JANUARY 13, 2021 FILE NO. 20-2166

**DESIGN:**

2020 FLORIDA BUILDING CODE

WIND LOADS - PER ASCE 7-16:	
WIND SPEED	150
RISK	II
EXPOSURE	C
<b>Live Loads:</b>	
SURCHARGE	230 PCF

**NOTE:**

- SURVEY PROVIDED BY VAN BUSKIRK / FISHER & ASSOCIATES, INC. OCTOBER 19TH, 2017
- NORTH AMERICAN VERTICAL DATUM (NAV D 1985)

THE PRESENCE OF OBSTRUCTIONS SHOULD BE ANTICIPATED ON THIS PROJECT. CONTRACTOR'S DRAWINGS INCLUDE CONSIDERATION FOR ADDRESSING THIS ISSUE.

CALL 2 WORKING DAYS BEFORE YOU DIG

IT'S THE LAW: DIAL 811 Know what's below. Call before you dig.

SUNSHINE STATE ONE CALL OF FLORIDA, INC.

WCS NO. 106 REHABILITATION PREPARED FOR CITY OF NORTH PORT

NOTES

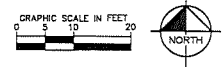
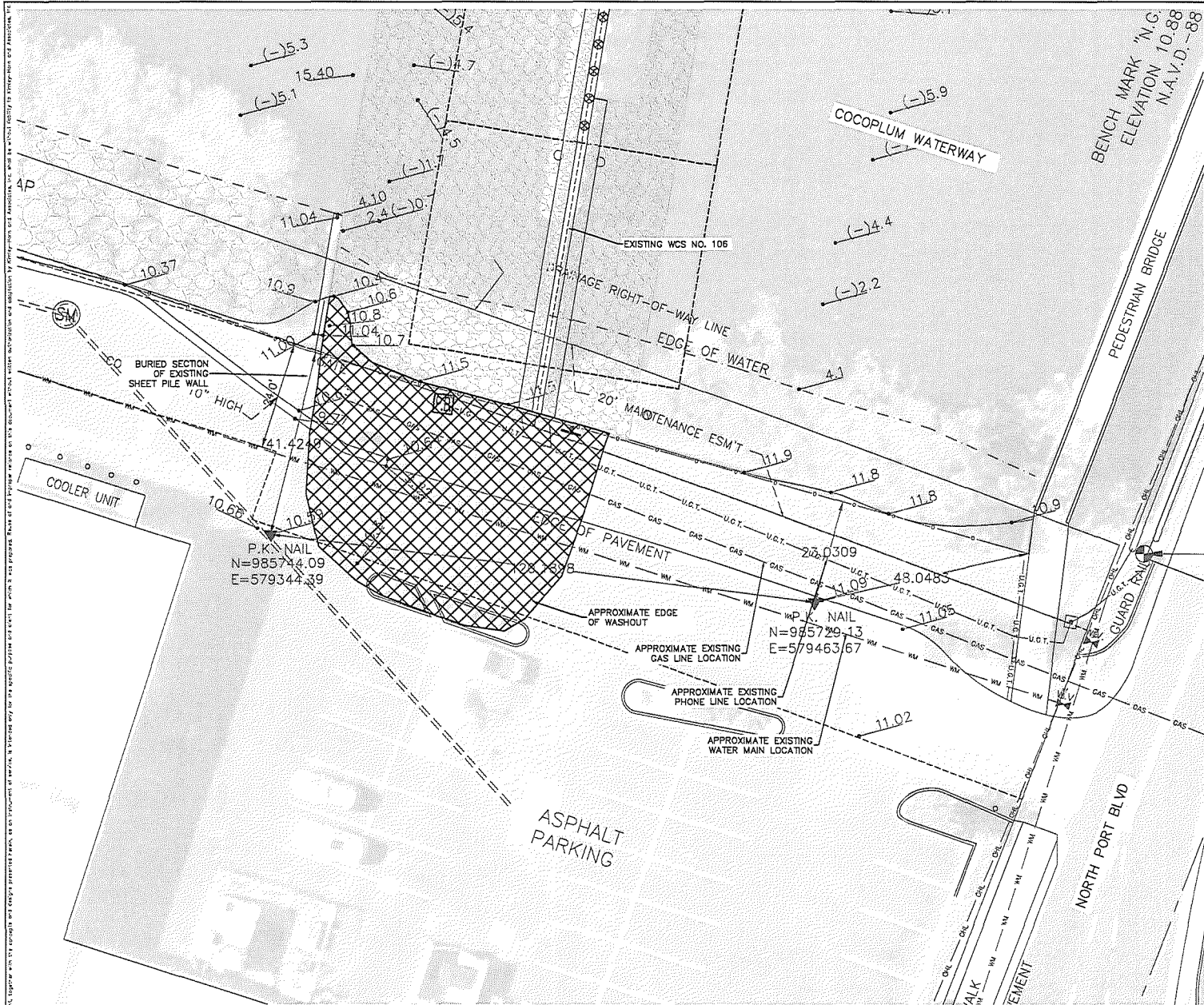
SHEET NUMBER C-02

NO.	REVISIONS	DATE	BY

UNLICENSED PROFESSIONAL  
DATE: 04/29/2022  
DRAWN BY: KHA  
CHECKED BY: KHA

KIMLEY HORN  
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1777 MAIN STREET, SUITE 200, PALM HARBOR, FL 34284  
WWW.KIMLEY-HORN.COM REGISTERED NO. 30190





**LEGEND**

- FOUND 4" X 4" CONCRETE MONUMENT (DISK NUMBER NOTED, IF ANY)
- SET 4" X 4" CONCRETE MONUMENT WITH L.B. 3739 DISK
- FOUND #4 OR #5 IRON ROD (CAP NUMBER NOTED, IF ANY)
- SET #4 IRON ROD WITH L.B. 3739 CAP. (NUMBER NOTED, IF ANY)
- FOUND 1/2" TO 1" IRON PIPE (NUMBER NOTED, IF ANY)
- FOUND NAIL OR NAIL & DISC (NUMBER NOTED, IF ANY)
- SET NAIL & DISC, LB #3739 (NUMBER NOTED, IF ANY)
- PARENTHESES INDICATE RECORD BEARING OR DISTANCE IF DIFFERENT THAN MEASURED
- WOOD UTILITY POLE & GUY ANCHOR
- CONCRETE UTILITY POLE
- MAIL BOX
- STREET SIGN
- SEWER VALVE
- WATER VALVE
- BACK FLOW PREVENTION DEVICE
- SANITARY SERVICE
- ELECTRICAL BOX
- OTE GANISTER
- PHONE RISER
- WATER METER
- HYDRANT
- SANITARY SEWER MANHOLE
- PHONE BOX
- TYPICAL SPOT ELEVATION
- SPOT ELEVATION (POST CONSTRUCTION)
- RE-ENFORCED CONCRETE PIPE "R.C.P."
- CORRUGATED METAL PIPE "C.M.P."
- CORRUGATED PLASTIC PIPE "C.P.P."
- OVERHEAD UTILITY LINES
- UNDER GROUND TELEPHONE LINES
- WATER MAIN
- WATER SERVICE
- UNDER GROUND GAS LINE
- CHAIN LINK FENCE (C.L.F.)
- WIRE FENCE
- WOOD FENCE
- ELECTRIC SERVICE
- GOPHER TORTOISE BURROW
- P.C. POINT OF CURVATURE
- P.T. POINT OF TANGENCY
- P.O.B. POINT OF BEGINNING
- P.O.C. POINT OF COMMENCEMENT
- P.R.M. PERMANENT REFERENCE MONUMENT
- P.C.P. PERMANENT CONTROL POINT
- T.B.M. TEMPORARY BENCH MARK
- E.O.P. EDGE OF PAVEMENT
- CENTERLINE
- BASELINE
- FOUND
- IRON PIPE
- IRON ROD
- CORRUGATED METAL PIPE
- REINFORCED CONCRETE PIPE
- CONCRETE MONUMENT
- ELEVATION
- FINISH FLOOR
- HEAD WALL
- HOSE DIB (SPIGOT)
- B.O.C. BACK OF CURB
- P.R.C. POINT OF REVERSE CURVATURE
- B.F.P. BACK FLOW PREVENTION DEVICE
- M.A.F.L. MEAN ANNUAL FLOOD LINE
- F.S.P.C.S. FLORIDA STATE PLANE COORDINATE SYSTEM
- PINE TREE (TYP)
- OAK TREE (TYP)
- PALM TREE 10" DIAMETER (TYP)

NO.	REVISIONS	DATE	BY

**Kimley»Horn**  
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 1777 HUBB STREET, SUITE 300, JARVIS, FL 32058  
 WWW.KIMLEY-HORN.COM REGISTRY NO. 33199

ISSUED PROFESSIONAL  
 DATE: OCTOBER 2022  
 SCALE: AS SHOWN  
 DRAWN BY: KVA  
 CHECKED BY: KVA

**EXISTING CONDITIONS**

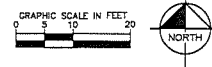
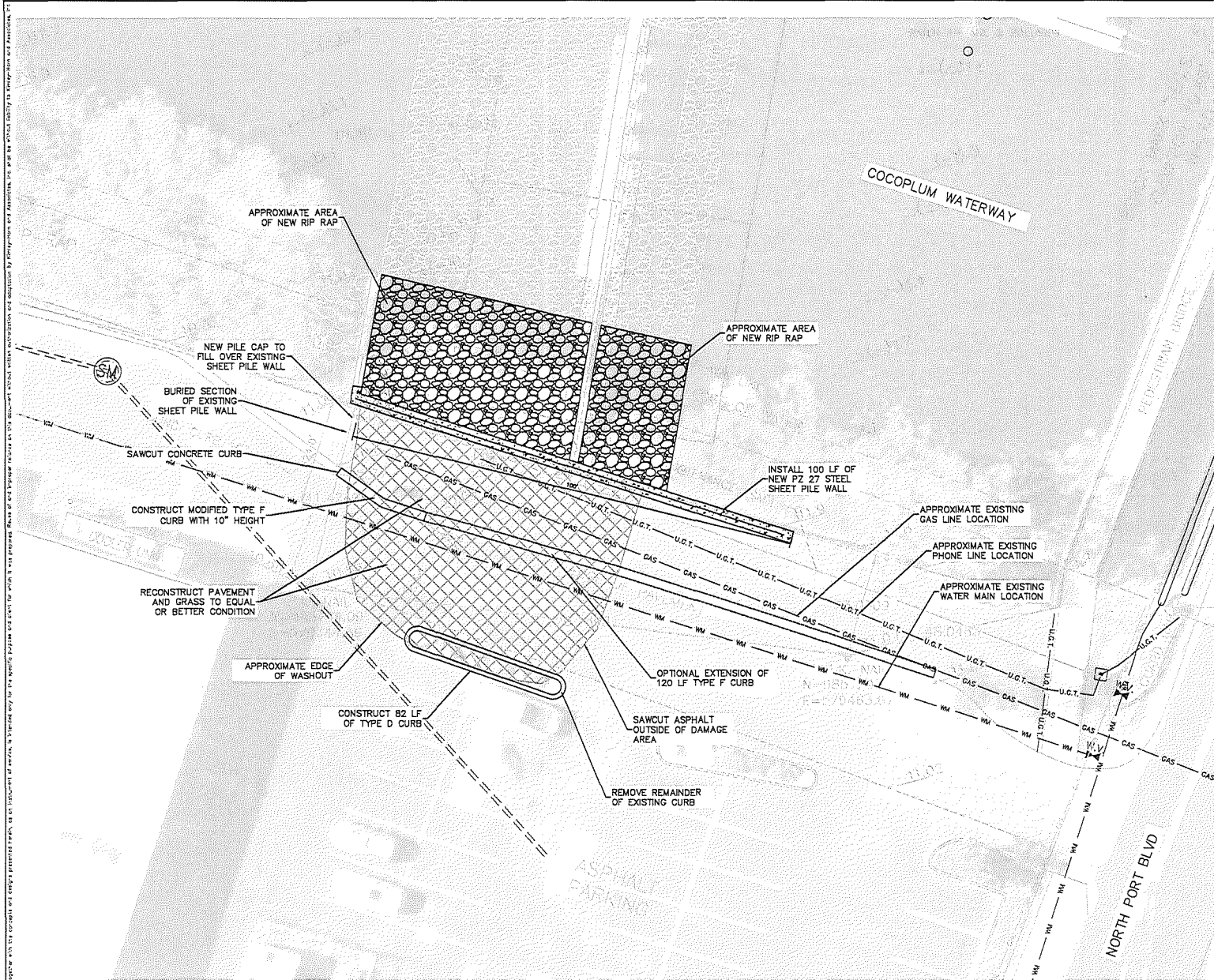
**WCS NO. 106 REHABILITATION PREPARED FOR CITY OF NORTH PORT**

SHEET NUMBER  
**C-03**

THE PRESENCE OF GROUNDWATER SHOULD BE ANTICIPATED ON THIS PROJECT. CONTRACTORS SHOULD INCLUDE CONSIDERATION FOR ADDRESSING THIS ISSUE.

**811**  
 CALL 2 WORKING DAYS BEFORE YOU DIG  
 IT'S THE LAW! Know what's below. Call before you dig.  
 FLORIDA STATE ONE CALL OF FLORIDA, INC.

NOTES:  
 1. SURVEY PROVIDED BY WM BURKH/ FISH & ASSOCIATES, INC. OCTOBER 13TH, 2017  
 2. NORTH AMERICAN VERTICAL DATUM (N.A.V.D. 1988)



- LEGEND**
- RUBBLE RIP-RAP
  - CONCRETE
  - WASH OUT

**NOTE:**  
 CONTRACTOR TO COORDINATE WORK WITH UNDERGROUND UTILITY COMPANIES INCLUDING NORTH PORT UTILITIES

FOR EXPLANATION, REFER TO THE CONTRACT AND SPECIFICATIONS. THE CONTRACTOR SHALL BE RESPONSIBLE FOR VERIFYING THE ACCURACY OF ALL INFORMATION AND DATA. THE CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING ALL NECESSARY PERMITS AND APPROVALS. THE CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING ALL NECESSARY INFORMATION AND DATA. THE CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING ALL NECESSARY INFORMATION AND DATA.

NO.	REVISIONS	DATE

**Kimley»Horn**  
 9 2020 KIMLEY-HORN AND ASSOCIATES, INC.  
 1777 MAIN STREET, SUITE 200, SARASOTA, FL 34235  
 WWW.KIMLEY-HORN.COM REG. STATE NO. 33109

UNDESIGNED PROFESSIONAL  
 DATE: OCTOBER 2022  
 SCALE: AS SHOWN  
 DESIGNED BY: KHA  
 DRAWN BY: KHA  
 CHECKED BY: KHA

**SITE PLAN**

**WCS NO. 106  
 REHABILITATION  
 PREPARED FOR  
 CITY OF NORTH PORT**

SHEET NUMBER  
**C-04**

THE PRESENCE OF GROUNDWATER SHOULD BE ANTICIPATED ON THIS PROJECT. CONTRACTORS SHOULD INCLUDE CONSIDERATION FOR ADDRESSING THIS ISSUE.

CALL 2 WORKING DAYS BEFORE YOU DIG

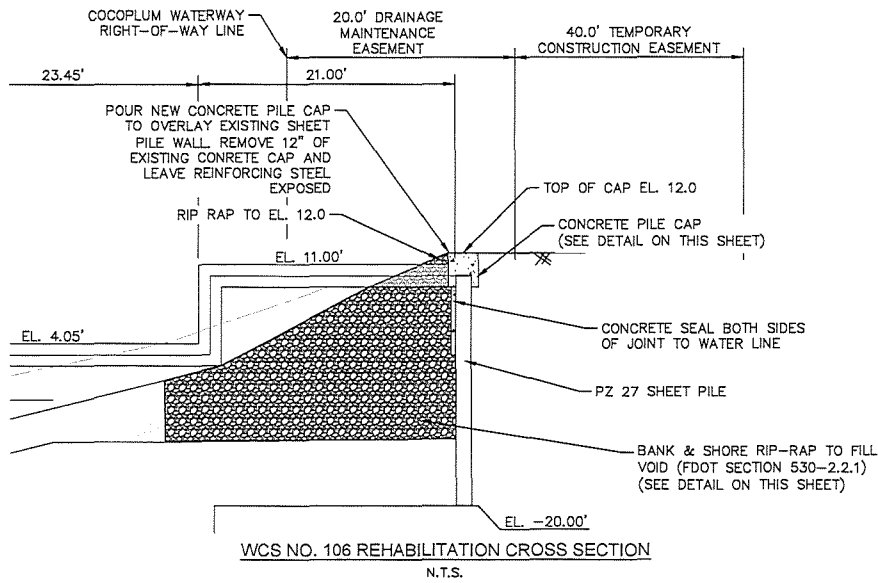
IT'S THE LAW! DIAL 811

Know what's below. Call before you dig.

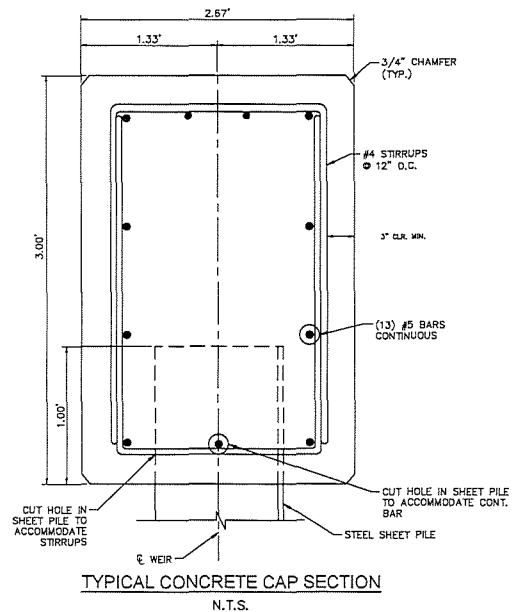
FLORIDA STATE ONE CALL OF FLORIDA, INC.

**NOTE:**  
 1. SURVEY PROVIDED BY VAN BUSKIRK / FISH & ASSOCIATES, INC. OCTOBER 13TH, 2017  
 2. NORTH AMERICAN VERTICAL DATUM (NAVD 1988)

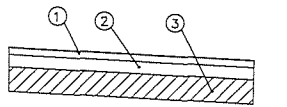
THE CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING ALL NECESSARY PERMITS AND APPROVALS FROM ALL AFFECTED AGENCIES AND AGENCIES INVOLVED IN THE PROJECT. THE CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING ALL NECESSARY PERMITS AND APPROVALS FROM ALL AFFECTED AGENCIES AND AGENCIES INVOLVED IN THE PROJECT.



**WCS NO. 106 REHABILITATION CROSS SECTION**  
N.T.S.

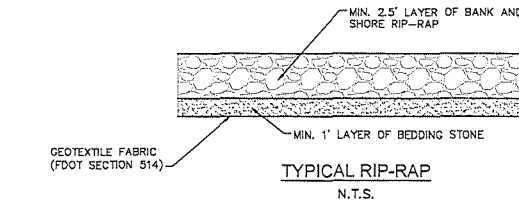


**TYPICAL CONCRETE CAP SECTION**  
N.T.S.

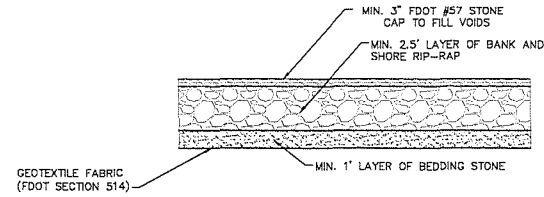


- ① 1" SP12 ASPHALT
- ② 6" SHELL BASE OR 6" CRUSHED CONCRETE
- ③ 12" STABILIZED SUBBASE

**TYPICAL PAVEMENT SECTION**  
N.T.S.



**TYPICAL RIP-RAP**  
N.T.S.



**TYPICAL RIP-RAP WITH FDOT #57 STONE CAP**  
N.T.S.

**BANK & SHORE RIP-RAP INSTALLATION NOTES**

- CONTRACTOR SHALL PLACE GEOTEXTILE FABRIC (TYPE D-3, DRAINAGE), ON THE RIP-RAP AREA BOTTOM, IN A MANNER AND LOCATIONS AS SHOWN ON DIRECTIONS, & AS SPECIFIED IN THE F.D.O.T. STANDARDS SPECIFICATIONS, (LATEST EDITION) SECTION 514.
- CONTRACTOR SHALL PLACE BEDDING STONE (MEETING THE GRADATION LIMITS SET FORTH IN F.D.O.T. STANDARD SPECIFICATIONS, (LATEST EDITION) SECTION 530-2.3) OF EITHER A DURABLE QUALITY LIMESTONE OR OTHER QUARRY RUN STONE, WITH A BULK SPECIFIC GRAVITY OF NOT LESS THAN 1.00 AND THAT IS REASONABLY FREE FROM THIN, FLAT AND ELONGATED PIECES, IN A MANNER AND LOCATIONS AS SHOWN ON THE CONSTRUCTION DRAWINGS, & AS SPECIFIED IN F.D.O.T. STANDARD SPECIFICATIONS (LATEST EDITION) SECTION 530-2.3. THE ENGINEER WILL CONDUCT SOURCE APPROVAL AND PROJECT CONTROL OF BEDDING STONE AS SPECIFIED IN F.D.O.T. STANDARDS SPECIFICATIONS 530-2.2.4.
- CONTRACTOR SHALL PLACE RUBBLE (BANK & SHORE PROTECTION) RIP-RAP THAT IS SOUND, HARD, DURABLE RUBBLE, FREE OF OPEN OR INCIPENT CRACKS, SOFT SEAMS, OR OTHER STRUCTURAL DEFECTS, CONSISTING OF BROKEN STONE WITH A BULK SPECIFIC GRAVITY OF AT LEAST 2.30. ALL STONES SHALL BE ROUGH & ANGULAR. RIP-RAP SHALL BE PLACED AND SIZE DETERMINATE, IN A MANNER AND LOCATIONS, AS SHOWN ON THE CONSTRUCTION DRAWINGS, & AS SPECIFIED IN THE F.D.O.T. STANDARD SPECIFICATIONS, (LATEST EDITION) SECTION 530-2.2.1.
- CONSTRUCTION METHODS FOR RIP-RAP & BEDDING STONE SHALL CONFORM TO F.D.O.T. STANDARD SPECIFICATIONS, (LATEST EDITION) SECTION 530-3.

**NOTES**

- SERVICED PROVIDED BY VAN RUDORFF / FISH & ASSOCIATES, INC. OCTOBER 2022
- NORTH AMERICAN VERTICAL DATUM (NAVD 1988)

THE PRESENCE OF ORGANIC WATER SHOULD BE ANTICIPATED ON THIS PROJECT. CONTRACTOR'S BID SHALL INCLUDE CONSIDERATION FOR ADDRESSING THIS ISSUE.

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811

FLORIDA

SIGNATURE STATE THE CALL OF FLORIDA, INC.

NO.	REVISIONS	DATE

**Kimley»Horn**

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1777 MAIN STREET, SUITE 200, JARVIS, FL 32028  
WWW.KIMLEY-HORN.COM REG. STR. NO. 33109

DESIGNED BY	DATE	CHECKED BY	DATE
SCALE	AS SHOWN	SCALE	AS SHOWN
DESIGNED BY	KHA	CHECKED BY	KHA
DRAWN BY	KHA	DATE	08/2025
DATE	08/2025	DATE	

**SECTIONS AND DETAILS**

**WCS NO. 106 REHABILITATION PREPARED FOR CITY OF NORTH PORT**

SHEET NUMBER  
**C-05**





[Details](#) [Reports](#)

**File #:** 19-0054 **Version:** 1 **Name:**  
**Type:** Consent Agenda **Status:** Passed  
**File created:** 1/16/2019 **In control:** [Road and Drainage District Governing Body](#)  
**On agenda:** 2/26/2019 **Final action:** 2/26/2019

**Title:** Approve Contract No. 2019-42 Water Control Structure (WCS) No. 106 Replacement to Zep Construction, Inc. in the amount of \$2,272,480.00 and a contingency in the amount of \$227,248.00 for a total amount of \$2,499,728.00.

**Attachments:** 1. [Contract No. 2019-42](#), 2. [RFB 2019-42 Notice of Intent](#), 3. [RFB 2019-42 Recommendation and Tabulation Memo](#), 4. [RFB 2019-42 Comparison Bid Tabulation](#), 5. [RFB 2019-42 Zep Construction, Inc. Bid Submittal](#), 6. [RFB 2019-42 Bid Document with Addenda](#), 7. [Florida Division of Corporations Document](#)

[History \(0\)](#) [Staff Summary](#)

**TO:** Honorable Mayor & Members of the North Port Commission  
**FROM:** Peter D. Lear, CPA, CGMA, City Manager  
**TITLE:** Contract No. 2019-42 Water Control Structure (WCS) No. 106 Replacement to Zep Construction, Inc. in the amount of \$2,272,480.00 and contingency in the amount of \$227,248.00 for a total amount of \$2,499,728.00.

### **Recommended Action**

Approve Contract No. 2019-42 Water Control Structure (WCS) Number 106 Replacement to Zep Construction, Inc. in the amount of \$2,272,480.00 and contingency in the amount of \$227,248.00 for a total amount of \$2,499,728.00.

### **Background Information**

The scope of this Project is to construct a new WCS just upstream of the existing WCS Number 106. The new WCS will include: a coated sheet metal weir with reinforced concrete cap; catwalk; eight automated gates with the capability of manual or remote gate operation via telemetry control; cameras; a lighting system; and rip-rap for erosion control. Work will include dewatering, flow by-passing, and removal and disposal of all demolished material of the existing WCS. The upstream kayak portage will be relocated further east on the Cocoplum Waterway to accommodate the construction of the new WCS.

Bids received for the Request for Bid (RFB) No. 2019-42 were opened on January 11, 2019. Four (4) construction companies responded to the RFB. Zep Construction, Inc. was the lowest responsive and responsible bidder. Work shall commence and be completed within 390 calendar days after the issuance of the Notice to Proceed. The proposed 10% contingency will allow for unforeseen site conditions and if needed, possible relocation of underground utilities that may conflict with the Project.

At the request of Parks and Recreation Department, a bid alternate item for the addition of a Mobi Mat to improve the walking surface between the upstream and downstream kayak portages was included in the request for bids. This item is not included in the current bid award. The Parks and Recreation Department will evaluate the need for this Mobi Mat after the new WCS Project is completed and if needed will procure and install this item separately.

The existing WCS Number 106 is located on the Cocoplum Waterway just west of North Port Boulevard. The Cocoplum Waterway discharges to the Myakkahatchee Creek. The existing WCS Number 106 is equipped with six gates, which in the closed position, allow storage of water like a reservoir. In anticipation of pending rain storm events and as the water level rises, the gates are opened as needed to reduce flooding. The water in the Cocoplum Waterway and the Myakkahatchee Creek serves as a raw water supply for the City's Water Treatment Plant. Thus, the proper functioning of these gates and structure is critical to the City's ability to control water levels, minimize adverse impacts from a storm event, and supplement the City's potable water supply. WCS Number 106 was constructed in 1959. Over time, extensive corrosion has developed in the sheet metal weir, supports, gates and catwalk. WCS Number 106 needs to be replaced in its entirety.

### **Strategic Plan**

Infrastructure

### **Financial Impact**

Funding in the amount of \$2,900,000.00 for Project Number R17S06 is available in account numbers 107-5000-541.63-00 and 306-5000-541.63-00.

### **Procurement**

WCS Number 106 Replacement Project was procured pursuant to Section 2-404 of the City of North Port Procurement Code - Competitive Sealed Bid Process.

### **Vendor Information**

Zep Construction, Inc.  
7802 Jean Boulevard  
Fort Myers, Florida 33967

#### Attachments:

1. Contract No. 2019-42
2. RFB 2019-42 Notice of Intent
3. RFB 2019-42 Recommendation and Tabulation Memo
4. RFB 2019-42 Comparison Bid Tabulation
5. RFB 2019-42 Zep Construction, Inc. Bid Submittal
6. RFB 2019-42 Bid Document with Addenda
7. Florida Division of Corporations Document

**Prepared by:** Elizabeth Wong, P.E., Stormwater Manager

**Department Director:** Juliana B. Bellia



**CITY OF NORTH PORT PROCUREMENT REQUEST FORM  
EMERGENCY/EXIGENCY PROCUREMENT  
(IN ACCORDANCE WITH FEDERAL GUIDELINES)**



DEPARTMENT/DIVISION Public Works / Road and Drainage

NAME OF REQUESTOR Garrett Woods

NAME OF PREPARER Garrett Woods

DATE COMPLETED 10/11/2022

The City shall not be bound by any transactions made contrary to procurement procedures.

For the Procurement Official to process a requisition or visa purchase request related to an **emergency or exigent purchase**, this form must be completed and submitted by the requesting party to Purchasing with the request. **THE CITY MANAGER MUST BE NOTIFIED IMMEDIATELY (VIA EMAIL/PHONE), FOLLOWED BY THE PURCHASING DIVISION.**

*When referring to procurement activity, FEMA defines both **exigency and emergency** as situations that demand immediate aid and action. The difference between the two is as follows:*

*In the case of an **exigency**, there is a need to avoid, prevent or alleviate serious harm or injury, financial or otherwise, to the applicant, and use of competitive procurement proposals would prevent the urgent action required to address the situation. Thus, a noncompetitive procurement may be appropriate.*

*In the case of an **emergency**, a threat to life, public health or safety, or improved property requires immediate action to alleviate the threat.*

**Emergency or Exigency** (in accordance with FEMA guidelines, must specify, see definitions above):

**EXIGENCY**

Name of Event (if applicable): Hurricane Ian

Project Number for Event (if applicable): IAN22

**A. Description of Item(s) Purchased and Detailed Circumstances of the Emergency or Exigency Purchase/Service:** Must answer who, what, when, where, why and how in the box below or separate memo. (Attach quote back-up).

The Public Works Department is in need of exigency repairs services at Water Control Structure (WCS) No. 106 that was impacted by Hurricane Ian. The area around the WCS experienced historical flood water. An adjacent parking lot was damaged due erosion. Phase I for emergency repairs was completed to secure the WCS, repair the parking lot, restore utility services, and public safety for the area. This exigency request is for Phase 2 to less critical components in need of repairs that were impacted by Hurricane Ian. Staff has is requesting Zep Construction to complete an assessment and make all appropriate repairs. In 2019, the City Commission awarded an Agreement No. 2019-49 to Zep Construction for the replacement of WCS No. 106. Zep Construction is readily available and has knowledge of design, reconstruction, and engineering of this structure to respond to this emergency need. Public Works staff contacted two other contractors who were unable to participate in phase 2 activities for WCS 106. In order to prevent any damages to phase 1 work, the Department must start phase 2 and get it completed. The estimated cost of phase 2 would have a price increase if Zep Construction demobilized from the site after completion of phase 1. Attached is a Notice of Intent to Demobilize issued by Zep Construction on October 2022. In order to avoid, prevent, or alleviate immediate serious harm, injury, and financial impact to the City of North Port, a noncompetitive procurement is needed as this is an urgent action required to address the situation.

Legistar Staff Summary #19-0054:

[https://cityofnorthport.legistar.com/LegislationDetail.aspx?](https://cityofnorthport.legistar.com/LegislationDetail.aspx?ID=3892687&GUID=FEBE9FEE-E81F-4F90-ABC6-2FA7C8DFA2B1&Options=ID|Text|Attachments|Other|&Search=zep)

[ID=3892687&GUID=FEBE9FEE-E81F-4F90-ABC6-2FA7C8DFA2B1&Options=ID|Text|Attachments|Other|&Search=zep](https://cityofnorthport.legistar.com/LegislationDetail.aspx?ID=3892687&GUID=FEBE9FEE-E81F-4F90-ABC6-2FA7C8DFA2B1&Options=ID|Text|Attachments|Other|&Search=zep)



**CITY OF NORTH PORT PROCUREMENT REQUEST FORM  
EMERGENCY/EXIGENCY PROCUREMENT  
(IN ACCORDANCE WITH FEDERAL GUIDELINES)**



B. Total Cost of Purchase: \$ 274,790.00

Account #: 107-5000-541.63-00

Project #: IAN22

C. Vendor Information

Vendor Name: ZEP Construction, Inc. Contact: Jovan Zepcevski

Address: 7802 Jean Blvd

City: Fort Myers State: Florida Zip: 33967

Phone: 239-267-8778 Email or Website Address: zepcon@aol.com

I acknowledge that the procurement described herein was made in a manner consistent with the emergency procurement requirements of the City of North Port Procurement Code and Procurement Manual. I have been made aware of the Procurement Code (available on the P-Drive and Intranet) and the policies and procedures related to the City's procurement system.

**GARRETT WOODS**  
Digitally signed by GARRETT WOODS  
Date: 2022.10.11 14:32:09 -04'00'

**Chuck Speake**  
Digitally signed by Chuck Speake  
Date: 2022.10.11 16:57:29 -04'00'

**Requestor** \_\_\_\_\_ **Date** \_\_\_\_\_

**Department Director** \_\_\_\_\_ **Date** \_\_\_\_\_

**Lisa Herrmann**  
Digitally signed by Lisa Herrmann  
Date: 2022.10.12 10:35:12 -04'00'

**Ginny Duyn**  
Digitally signed by Ginny Duyn  
Date: 2022.10.12 12:32:54 -04'00'

**Budget Administrator** \_\_\_\_\_ **Date** \_\_\_\_\_

**Purchasing** \_\_\_\_\_ **Date** \_\_\_\_\_

**Lisa Herrmann**  
Digitally signed by Lisa Herrmann  
Date: 2022.10.12 10:36:26 -04'00'

*Jean Harbough*  
Date: 2022.10.12 17:17:16 -04'00'

**Finance Director** \_\_\_\_\_ **Date** \_\_\_\_\_

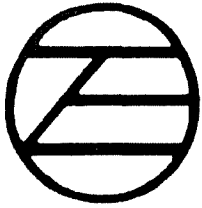
**Assistant City Manager** \_\_\_\_\_ **Date** \_\_\_\_\_

**Jerome Fletcher**  
Digitally signed by Jerome Fletcher  
DN: DC=northport, DC=city, OU=Departments, O=City Manager, CN=Jerome Fletcher, E=fletcher@cityofnorthport.com  
Reason: I am the author of this document  
Location: your signing location here  
Date: 2022.10.12 14:36:56 -04'00'

**City Manager** \_\_\_\_\_ **Date** \_\_\_\_\_

**PRINT**    Clear All Fields





# ZEP CONSTRUCTION, INC.

7802 Jean Boulevard  
Fort Myers, FL 33967  
Telephone (239) 267-8778  
Fax (239) 267-7907

October 11, 2022

City of North Port  
Department of Public Works

Attn: Elizabeth Wong, PE, Stormwater Manager

**RE: Water Control Structure No. 106 Emergency Repair**

**Notice of Intent to Demobilize**

Elizabeth,

We anticipate being complete with the Part 1 portion (\$250,000.00) of the work at the end of today's work period. This completed work includes mobilization, steel sheet piling, dewatering, debris removal, and a portion of the embankment work.

Unless we are given verbal authorization to proceed with the Part 2 portion of the work (\$274,790.00), by 9:00 am tomorrow morning, we will commence demobilization operations immediately.

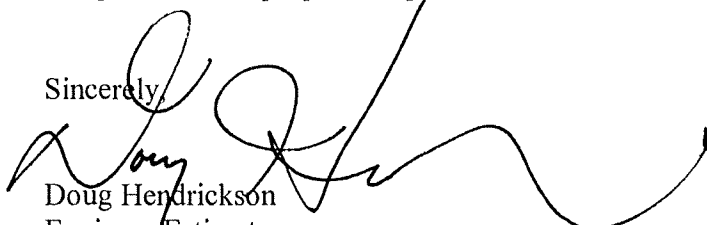
As you are aware, the repair work was quoted assuming that we would be able to complete all proposed work utilizing one mobilization. We later split up the work items to assist you with funding. If we are later asked to remobilize, there may be additional costs involved.

We have other emergency work opportunities to address utilizing Steve and his crew.

Be advised that we will not be responsible for any damages to the completed Part 1 work caused by the part 2 work not being completed.

Please let us know how we are to proceed. It would be in the City's best interest to proceed with the completion of all proposed repair work while we are on site.

Sincerely,



Doug Hendrickson  
Engineer/Estimator  
Zep Construction, Inc.

## Garrett Woods

---

**From:** Elizabeth Wong  
**Sent:** Friday, October 7, 2022 8:28 AM  
**To:** Tricia Wisner  
**Cc:** Danny Quick; Garrett Woods  
**Subject:** Quote for WCS 106 emergency repairs  
**Attachments:** WCS 106 Erosion.jpg; 2022-10-06 WCS106 Erosion Rehabilitation.pdf

Tricia,

WCS 106 is located at the West end of Cocoplum Waterway that discharges to Myakkahatchee Creek. Hurricane Ian is a 500-year storm with a very large amount of rainfall. The extremely high water level in Cocoplum coupled with the Category 4 North to South winds passing through North Port, caused lashing of water onto the south banks of our WCS 106 and has eroded the banks adjacent to our structure, and severely impacted the adjacent Winn Dixie parking lot. The erosion is within 23.6 ft from the corner of the building. The attached photo is looking south with the upstream end on the left and the downstream on the right. The three visible segments of white PVC pipe in the water is the watermain which have since been valved off. Due to the pressing need to get the watermain back in service for the Commercial facility and need to control the erosion, we have met on site with our engineer KHA and Zep contractors (they had designed and constructed the WCS 106 respectively) and came up with the attached pdf of repairs using sheet piling.

Please see the below Phased quote from Zep Construction Inc. for the repairs to WCS 106

- Phase 1 is for emergency repairs related to life, safety and health to block the water in the breach in order to allow the repair of the existing watermain in the eroded collapsed area. The restoration of the main is critical to the Winn Dixie and associate commercial facilities as their power is already restored.
- Phase 2 is the less critical component of the repairs.

**Elizabeth Wong P.E.**  
Stormwater Manager  
City of North Port  
Department of Public Works  
1100 N. Chamberlain Blvd  
North Port, FL 34286  
Office: 941.240.8321  
Cellphone: 941.628.1475  
Fax 941.240.8063  
[ewong@northportfl.gov](mailto:ewong@northportfl.gov)  
<https://www.northportfl.gov/>

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---

**From:** ZEP ZEPCEVSKI <[zepcon@aol.com](mailto:zepcon@aol.com)>  
**Sent:** Thursday, October 6, 2022 4:54 PM  
**To:** Elizabeth Wong <[ewong@northportfl.gov](mailto:ewong@northportfl.gov)>  
**Cc:** Doug Hendrickson <[doug@zepconstruction.com](mailto:doug@zepconstruction.com)>  
**Subject:** Re: [EXTERNAL] Quote for WCS 106 emergency repairs

**EXTERNAL EMAIL:** This email is from an external source! Be careful of any links, attachments, or requests for login i

## WCS #106 Emergency Repairs

### Phase 1

Mobilization	1	\$31,000.00	\$31,000.00
Steel Sheet Piling	3000	\$63.50	\$190,500.00
Dewater/Pumping	1	\$4,900.00	\$4,900.00
Devbris Removal & Disposal	1	\$2,900.00	\$2,900.00
Embankment (Truck Measure)	450	\$46.00	\$20,700.00

=====  
\$250,000.00

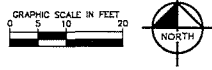
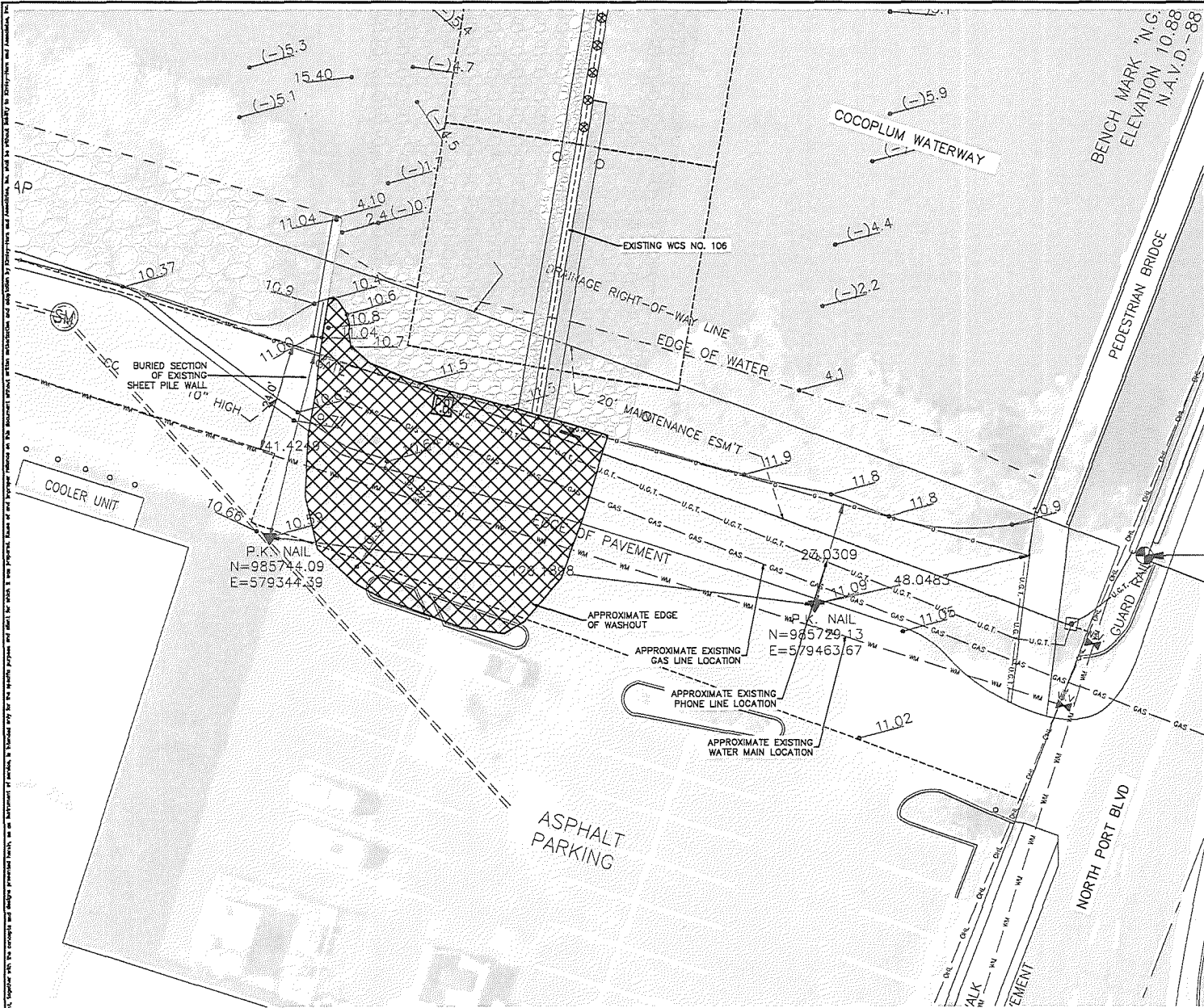
### Phase 2

Mobilization	1	\$31,250.00	\$31,250.00
Steel Sheet Piling	0	\$63.50	\$0.00
Dewater/Pumping	1	\$4,900.00	\$4,900.00
Devbris Removal & Disposal	1	\$2,900.00	\$2,900.00
Embankment (Truck Measure)	900	\$46.00	\$41,400.00
Limerock/Shell Base (6")	600	\$30.00	\$18,000.00
Asphalt ( 2")	800	\$42.00	\$33,600.00
Bedding Stone (12" Thick)	110	\$139.00	\$15,290.00
Riprap (Bank & Shore)	425	\$142.00	\$60,350.00
Concrete Cap	30	\$1,450.00	\$43,500.00
Reinforcing Steel	2000	\$2.50	\$5,000.00
Concrete Curbing	160	\$65.00	\$10,400.00
Chain Link Fence	100	\$50.00	\$5,000.00
Sodding - Bahia	400	\$8.00	\$3,200.00

=====  
\$274,790.00

\$524,790.00

Sent from my iPhone



**LEGEND**

- FOUND 4" x 4" CONCRETE MONUMENT (DISK NUMBER NOTED, IF ANY)
- SET 4" x 4" CONCRETE MONUMENT WITH L.B. 3739 DISK
- FOUND #4 OR #5 IRON ROD (CAP NUMBER NOTED, IF ANY)
- SET #4 IRON ROD WITH L.B. 3739 CAP
- FOUND 1/2" TO 1" IRON PIPE (NUMBER NOTED, IF ANY)
- FOUND NAIL OR NAIL & DISC (NUMBER NOTED, IF ANY)
- SET NAIL & DISC, LB #3739
- PARENTHESES INDICATE RECORD BEARING OR DISTANCE IF DIFFERENT THAN MEASURED
- WOOD UTILITY POLE & GUY ANCHOR
- CONCRETE UTILITY POLE
- MAIL BOX
- STREET SIGN
- SEWER VALVE
- WATER VALVE
- BACK FLOW PREVENTION DEVICE
- SANITARY SERVICE
- ELECTRICAL BOX
- OTE CANISTER
- PHONE RISER
- WATER METER
- HYDRANT
- SANITARY SEWER MANHOLE
- PHONE BOX
- TYPICAL SPOT ELEVATION
- SPOT ELEVATION (POST CONSTRUCTION)
- RE-REINFORCED CONCRETE PIPE "R.C.P."
- CORRUGATED METAL PIPE "C.M.P."
- CORRUGATED PLASTIC PIPE "C.P.P."
- OVERHEAD UTILITY LINES
- UNDER GROUND TELEPHONE LINES
- WATER MAIN
- WATER SERVICE
- UNDER GROUND GAS LINE
- CHAIN LINK FENCE (C.L.F.)
- WIRE FENCE
- WOOD FENCE
- ELECTRIC SERVICE
- GOPHER TORTOISE BURROW
- P.C. POINT OF CURVATURE
- P.T. POINT OF TANGENCY
- P.O.B. POINT OF BEGINNING
- P.O.C. POINT OF COMMENCEMENT
- P.R.M. PERMANENT REFERENCE MONUMENT
- P.C.P. PERMANENT CONTROL POINT
- T.B.M. TEMPORARY BENCH MARK
- E.O.P. EDGE OF PAVEMENT
- CENTERLINE
- BASELINE
- FND. FOUND
- I.P. IRON PIPE
- I.R. IRON ROD
- C.M.P. CORRUGATED METAL PIPE
- R.C.P. REINFORCED CONCRETE PIPE
- C.M. CONCRETE MONUMENT
- EL. ELEVATION
- F.F. FINISH FLOOR
- H.W. HEAD WALL
- H.S. HOSE BIB (SPIGOT)
- B.O.C. BACK OF CURB
- P.R.C. POINT OF REVERSE CURVATURE
- B.F.P. BACK FLOW PREVENTION DEVICE
- M.A.F.L. MEAN ANNUAL FLOOD LINE
- F.S.P.C.S. FLORIDA STATE PLANE COORDINATE SYSTEM
- PINE TREE (TYP)
- OAK TREE (TYP)
- PALM TREE 10" DIAMETER (TYP)

NO.	REVISIONS	DATE

**Kimley-Horn**  
 1905 N.W. 10th Ave., Suite 100, Ft. Lauderdale, FL 33309  
 PHONE: 954-378-1000  
 WWW.KIMLEY-HORN.COM REGISTRATION NO. 35106

KIMLEY-HORN PROFESSIONAL  
 LICENSED PROFESSIONAL  
 FEBRUARY 2002  
 SCALE AS SHOWN  
 DESIGNED BY: KHA  
 DRAWN BY: KHA  
 CHECKED BY: KHA

**EXISTING CONDITIONS**

**WCS NO. 106 REHABILITATION PREPARED FOR CITY OF NORTH PORT**

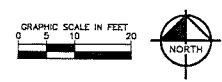
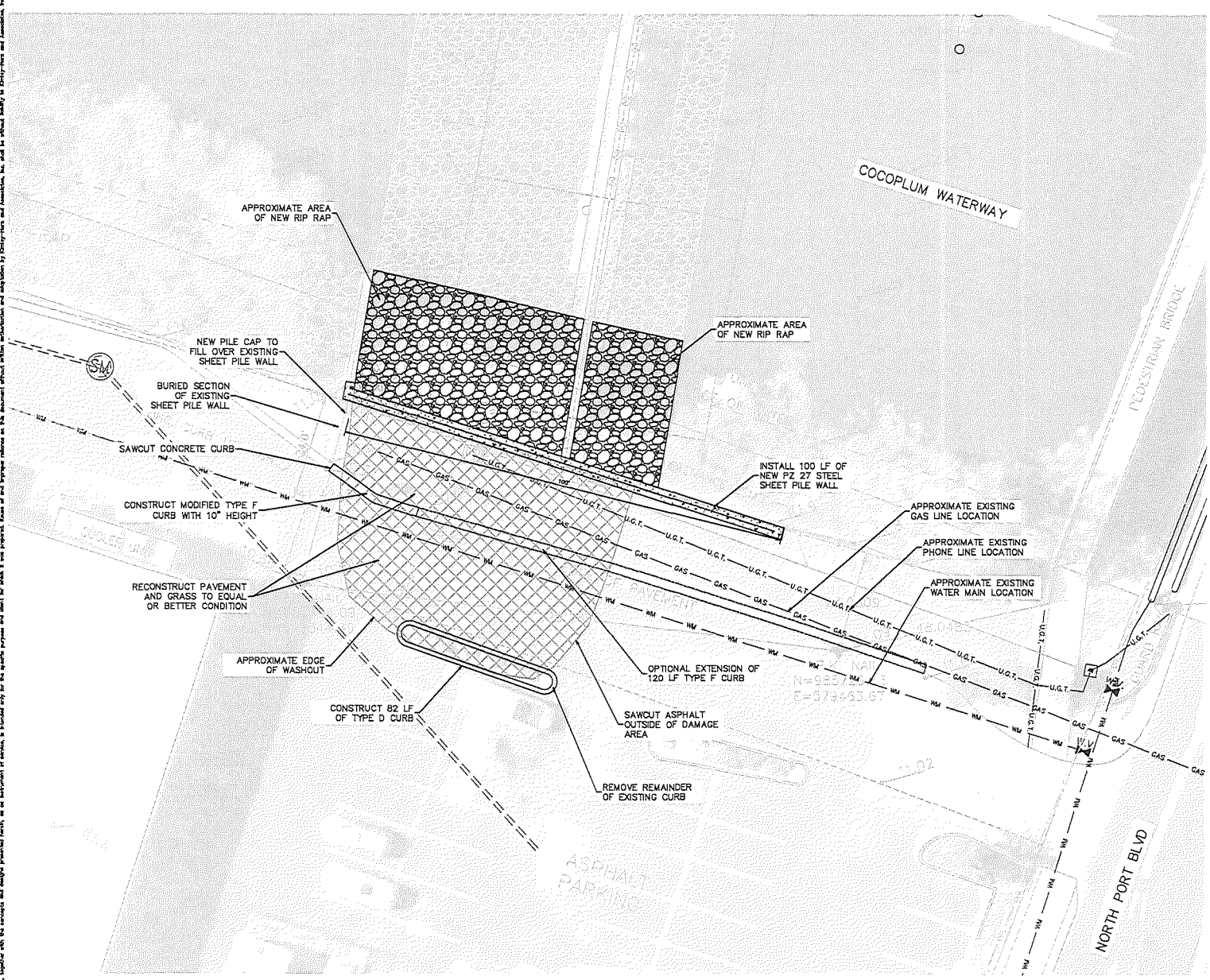
THE PRESENCE OF GROUNDWATER SHOULD BE ANTICIPATED ON THIS PROJECT. CONTRACTORS ARE TO FILL IN ALL EXCAVATIONS FOR ADEQUATE DRAINAGE.

CALL 2 WORKING DAYS BEFORE YOU DIG  
 ITS THE LAW  
 CALL 811  
 Know where you dig. Call before you dig.



NOTE:  
 1. SURVEY PROVIDED BY VAN BUREN & FISHER & ASSOCIATES, INC. (DECEMBER 1978) (D.T.D. 101)  
 2. NORTH AMERICAN VERTICAL DATUM (NAVD 1988)

ALL CONSTRUCTION SHALL BE IN ACCORDANCE WITH THE CITY OF NORTH PORT STANDARD SPECIFICATIONS FOR PUBLIC WORKS, LATEST EDITION. ALL UTILITY LOCATIONS SHOWN ARE APPROXIMATE. CONTRACTOR SHALL VERIFY ALL UTILITY LOCATIONS AND DEPTHS PRIOR TO CONSTRUCTION. THE USER OF THIS DOCUMENT ACCEPTS ALL LIABILITY FOR ANY DAMAGE TO PERSONS OR PROPERTY THAT MAY OCCUR AS A RESULT OF ANY CONSTRUCTION WORK PERFORMED HEREON.



- LEGEND**
- RUBBLE RIP-RAP
  - CONCRETE
  - WASH OUT

**NOTE:**  
 CONTRACTOR TO COORDINATE WORK WITH UNDERGROUND UTILITY COMPANIES INCLUDING NORTH PORT UTILITIES

NO.	DATE	REVISIONS

**Kimley Horn**  
 ENGINEERS AND ARCHITECTS, INC.  
 1727 AVON BLVD. SUITE 200  
 TAMPA, FL 33610  
 PHONE: 813-378-7100  
 FAX: 813-378-7100  
 WWW.KIMLEY-HORN.COM

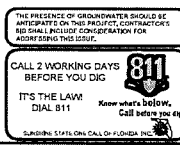
**PROFESSIONAL ENGINEER**  
 LICENSE NO. 138859  
 PETER J. VAN BUREK, P.E.  
 DATE: OCTOBER 10, 2023  
 SCALE: AS SHOWN  
 DESIGNED BY: [Redacted]  
 DRAWN BY: [Redacted]  
 CHECKED BY: [Redacted]

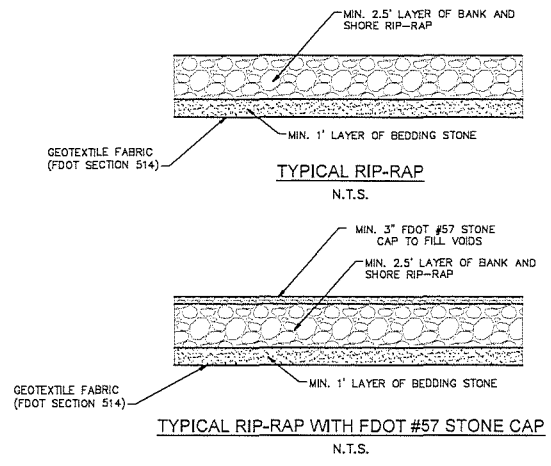
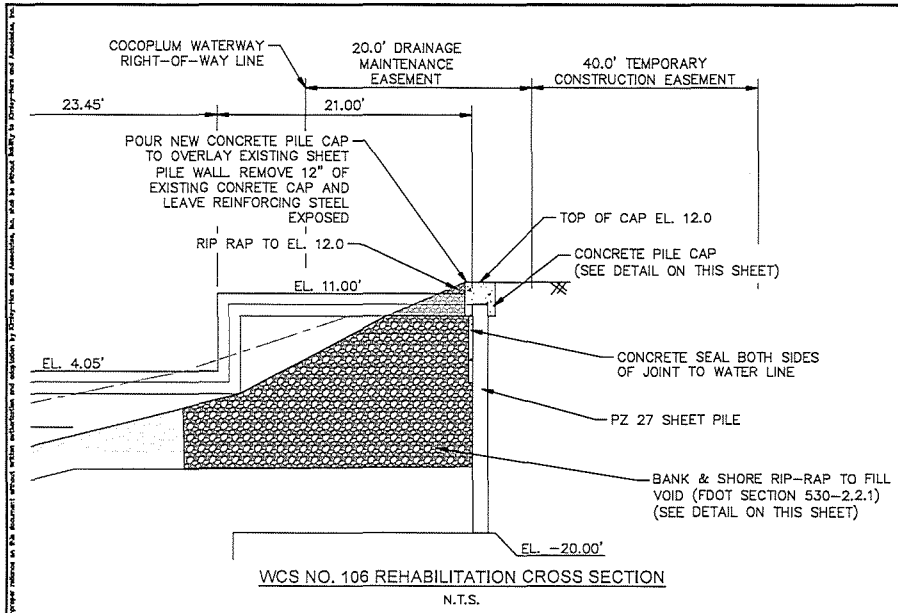
**SITE PLAN**

**WCS NO. 106**  
**REHABILITATION**  
 PREPARED FOR  
**CITY OF NORTH PORT**

SHEET NUMBER  
**C-04**

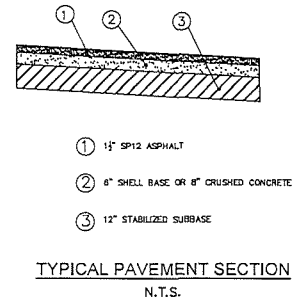
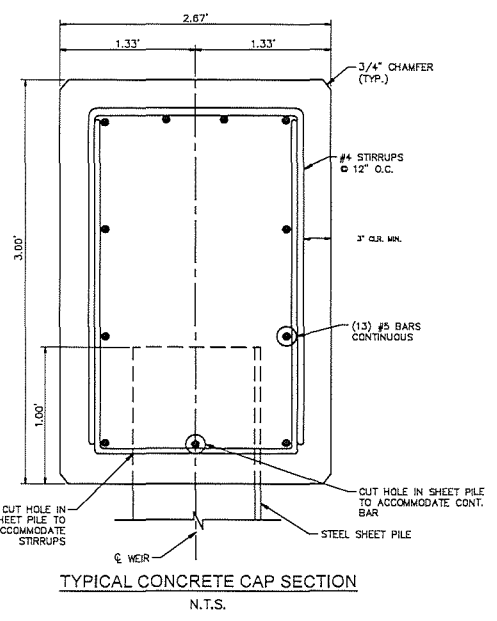
**NOTE:**  
 1. SURVEY PROVIDED BY VAN BUREK / FISH & ASSOCIATES, INC.  
 2. NORTH AMERICAN VERTICAL DATUM (NAVD 1988)





**BANK & SHORE RIP-RAP INSTALLATION NOTES**

- CONTRACTOR SHALL PLACE GEOTEXTILE FABRIC (TYPE D-2, DRAINAGE), ON THE RIP-RAP AREA BOTTOM, IN A MANNER AND LOCATIONS AS SHOWN ON DIRECTIONS, & AS SPECIFIED IN THE F.D.O.T. STANDARDS SPECIFICATIONS, (LATEST EDITION) SECTION 514.
- CONTRACTOR SHALL PLACE BEDDING STONE (MEETING THE GRADATION LIMITS SET FORTH IN F.D.O.T. STANDARD SPECIFICATIONS, (LATEST EDITION) SECTION 530-2.3) OF EITHER A DURABLE QUALITY LIMESTONE OR OTHER QUARRY RUN STONE, WITH A BULK SPECIFIC GRAVITY OF NOT LESS THAN 1.90 AND THAT IS REASONABLY FREE FROM THIN, FLAT AND ELONGATED PIECES, IN A MANNER AND LOCATIONS AS SHOWN ON THE CONSTRUCTION DRAWINGS, & AS SPECIFIED IN F.D.O.T. STANDARD SPECIFICATIONS (LATEST EDITION) SECTION 530-2.3. THE ENGINEER WILL CONDUCT SOURCE APPROVAL AND PROJECT CONTROL OF BEDDING STONE AS SPECIFIED IN F.D.O.T. STANDARDS SPECIFICATIONS 530-2.3.4.
- CONTRACTOR SHALL PLACE RUBBLE (BANK & SHORE PROTECTION) RIP-RAP THAT IS SOUND, HARD, DURABLE RUBBLE, FREE OF OPEN OR INCIPENT CRACKS, SOFT SEAMS, OR OTHER STRUCTURAL DEFECTS, CONSISTING OF BROKEN STONE WITH A BULK SPECIFIC GRAVITY OF AT LEAST 2.90. ALL STONES SHALL BE ROUGH & ANGULAR. RIP-RAP SHALL BE PLACED AND SIZE DETERMINATE, IN A MANNER AND LOCATIONS, AS SHOWN ON THE CONSTRUCTION DRAWINGS, & AS SPECIFIED IN THE F.D.O.T. STANDARD SPECIFICATIONS, (LATEST EDITION) SECTION 530-2.1.
- CONSTRUCTION METHODS FOR RIP-RAP & BEDDING STONE SHALL CONFORM TO F.D.O.T. STANDARD SPECIFICATIONS, (LATEST EDITION) SECTION 530-3.



177 JUNE STREET, SUITE 100, SALEM, VA 24153 PHONE: 841-378-7000 FAX: 841-378-7001 WWW.KIMLEY-HORN.COM HISTORY NO. 3166	
N/A PROJECT 04/26/2022 DATE 1:00 SCALE AS SHOWN PETER T. VAN BUREK, P.E. DESIGNED BY KHALA CHECKED BY	LICENSED PROFESSIONAL PETER T. VAN BUREK, P.E. FL LICENSE NUMBER 138859
<b>SECTIONS AND DETAILS</b>	
<b>WCS NO. 106 REHABILITATION PREPARED FOR CITY OF NORTH PORT</b>	
SHEET NUMBER <b>C-05</b>	

THE PRESENCE OF GROUNDWATER SHOULD BE ANTICIPATED ON THIS PROJECT. CONTRACTORS SHOULD TAKE NECESSARY PRECAUTIONS FOR ADDRESSING THIS ISSUE.

CALL 2 WORKING DAYS BEFORE YOU DIG

IT'S THE LAW! Dial 811 Know what's below. Call before you dig.

NOTE:  
 1. SURVEY PROVIDED BY VAN BUREK / FISH & ASSOCIATES, INC. OCTOBER 10TH, 2011  
 2. NORTH AMERICAN VERTICAL DATUM (NAVD 1986)







**File #:** 19-0054 **Version:** 1 **Name:**  
**Type:** Consent Agenda **Status:** Passed  
**File created:** 1/16/2019 **In control:** [Road and Drainage District Governing Body](#)  
**On agenda:** 2/26/2019 **Final action:** 2/26/2019

**Title:** Approve Contract No. 2019-42 Water Control Structure (WCS) No. 106 Replacement to Zep Construction, Inc. in the amount of \$2,272,480.00 and a contingency in the amount of \$227,248.00 for a total amount of \$2,499,728.00.

**Attachments:** 1. [Contract No. 2019-42](#), 2. [RFB 2019-42 Notice of Intent](#), 3. [RFB 2019-42 Recommendation and Tabulation Memo](#), 4. [RFB 2019-42 Comparison Bid Tabulation](#), 5. [RFB 2019-42 Zep Construction, Inc. Bid Submittal](#), 6. [RFB 2019-42 Bid Document with Addenda](#), 7. [Florida Division of Corporations Document](#)

**TO:** Honorable Mayor & Members of the North Port Commission

**FROM:** Peter D. Lear, CPA, CGMA, City Manager

**TITLE:** Contract No. 2019-42 Water Control Structure (WCS) No. 106 Replacement to Zep Construction, Inc. in the amount of \$2,272,480.00 and contingency in the amount of \$227,248.00 for a total amount of \$2,499,728.00.

### **Recommended Action**

Approve Contract No. 2019-42 Water Control Structure (WCS) Number 106 Replacement to Zep Construction, Inc. in the amount of \$2,272,480.00 and contingency in the amount of \$227,248.00 for a total amount of \$2,499,728.00.

### **Background Information**

The scope of this Project is to construct a new WCS just upstream of the existing WCS Number 106. The new WCS will include: a coated sheet metal weir with reinforced concrete cap; catwalk; eight automated gates with the capability of manual or remote gate operation via telemetry control; cameras; a lighting system; and rip-rap for erosion control. Work will include dewatering, flow by-passing, and removal and disposal of all demolished material of the existing WCS. The upstream kayak portage will be relocated further east on the Cocoplum Waterway to accommodate the construction of the new WCS.

Bids received for the Request for Bid (RFB) No. 2019-42 were opened on January 11, 2019. Four (4) construction companies responded to the RFB. Zep Construction, Inc. was the lowest responsive and responsible bidder. Work shall commence and be completed within 390 calendar days after the issuance of the Notice to Proceed. The proposed 10% contingency will allow for unforeseen site conditions and if needed, possible relocation of underground utilities that may conflict with the Project.

At the request of Parks and Recreation Department, a bid alternate item for the addition of a Mobi Mat to improve the walking surface between the upstream and downstream kayak portages was included in the request for bids. This item is not included in the current bid award. The Parks and Recreation Department will evaluate the need for this Mobi Mat after the new WCS Project is completed and if needed will procure and install this item separately.

The existing WCS Number 106 is located on the Cocoplum Waterway just west of North Port Boulevard. The Cocoplum Waterway discharges to the Myakkahatchee Creek. The existing WCS Number 106 is equipped with six gates, which in the closed position, allow storage of water like a reservoir. In anticipation of pending rain storm events and as the water level rises, the gates are opened as needed to reduce flooding. The water in the Cocoplum Waterway and the Myakkahatchee Creek serves as a raw water supply for the City's Water Treatment Plant. Thus, the proper functioning of these gates and structure is critical to the City's ability to control water levels, minimize adverse impacts from a storm event, and supplement the City's potable water supply. WCS Number 106 was constructed in 1959. Over time, extensive corrosion has developed in the sheet metal weir, supports, gates and catwalk. WCS Number 106 needs to be replaced in its entirety.

### **Strategic Plan**

Infrastructure

### **Financial Impact**

Funding in the amount of \$2,900,000.00 for Project Number R17S06 is available in account numbers 107-5000-541.63-00 and 306-5000-541.63-00.

### **Procurement**

WCS Number 106 Replacement Project was procured pursuant to Section 2-404 of the City of North Port Procurement Code - Competitive Sealed Bid Process.

### **Vendor Information**

Zep Construction, Inc.  
7802 Jean Boulevard  
Fort Myers, Florida 33967

#### Attachments:

1. Contract No. 2019-42
2. RFB 2019-42 Notice of Intent
3. RFB 2019-42 Recommendation and Tabulation Memo
4. RFB 2019-42 Comparison Bid Tabulation
5. RFB 2019-42 Zep Construction, Inc. Bid Submittal
6. RFB 2019-42 Bid Document with Addenda
7. Florida Division of Corporations Document

**Prepared by:** Elizabeth Wong, P.E., Stormwater Manager

**Department Director:** Juliana B. Bellia

## Garrett Woods

---

**From:** Elizabeth Wong  
**Sent:** Tuesday, October 11, 2022 9:28 AM  
**To:** Jake Kinnear  
**Cc:** Garrett Woods; Tricia Wisner  
**Subject:** FW: WCS 106 Phase 2 Repairs  
**Attachments:** Phase 2 WCS 106 Repairs Form.xlsx; WCS 106 Erosion.jpg; 2022-10-06 WCS106 Erosion Rehabilitation.pdf

Hi Jake, per our conversation this morning, can you please give me a response ASAP that you are unable to do the work at this time and copy all. Thanks so much.

**Elizabeth Wong P.E.**  
Stormwater Manager  
City of North Port  
Department of Public Works  
1100 N. Chamberlain Blvd  
North Port, FL 34286  
Office: 941.240.8321  
Cellphone: 941.628.1475  
Fax 941.240.8063  
ewong@northportfl.gov  
<https://www.northportfl.gov/>

A City where you can "Achieve Anything."

---

**From:** Elizabeth Wong  
**Sent:** Friday, October 7, 2022 10:16 AM  
**To:** Jake Kinnear <jakek@kellybros.net>  
**Cc:** Tricia Wisner <twisner@northportfl.gov>; Garrett Woods <gwoods@northportfl.gov>  
**Subject:** WCS 106 Phase 2 Repairs

Greetings, hope you and your family are ok with the recent Hurricane.

WCS 106 is located at the West end of Cocoplum Waterway that discharges to Myakkahatchee Creek. Hurricane Ian is a 500-year storm with a very large amount of rainfall. The extremely high water level in Cocoplum coupled with the Category 4 North to South winds passing through North Port, caused lashing of water onto the south banks of our WCS 106 and has eroded the banks adjacent to our structure, and severely impacted the adjacent Winn Dixie parking lot. The attached photo is looking south with the upstream end on the left and the downstream on the right. The three visible segments of white PVC pipe in the water is the watermain which have since been valved off. Due to the pressing need to get the watermain back in service for the Commercial facility and need to control the erosion, we are mobilizing to put in a sheet pile to block the water to repair the watermain.

The attached Phase 2 repair for is to address the remaining of the restorative work need. I will appreciate your quote on this Phase 2 work which must begin next Tuesday October 11, 2022.

Can you please provide the quote if possible by 4pm today? If you are not going to provide a quote, I will also appreciate an email as such. Thanks much.

**Elizabeth Wong P.E.**  
Stormwater Manager  
City of North Port  
Department of Public Works  
1100 N. Chamberlain Blvd  
North Port, FL 34286  
Office: 941.240.8321  
Cellphone: 941.628.1475  
Fax 941.240.8063  
[ewong@northportfl.gov](mailto:ewong@northportfl.gov)  
<https://www.northportfl.gov/>

A City where you can "Achieve Anything."

## Garrett Woods

---

**From:** Elizabeth Wong  
**Sent:** Tuesday, October 11, 2022 11:36 AM  
**To:** Garrett Woods  
**Subject:** Fwd: [EXTERNAL] RE: Price Boulevard - Repair Waterway Crossing Repair

Garrett this is the second of two contractors that ai solicited to do the Phase 2 work fir the WCS 106 repair. Dejong Contractors last week had sent an email indicating they cannot do the work. Thus, Zep is the only contractor that had quoted us on the entire job.

Sent from my iPhone

Begin forwarded message:

**From:** Jake Kinnear <jakek@kellybros.net>  
**Date:** October 11, 2022 at 10:24:18 AM EDT  
**To:** Dane Kelly <danek@kellybros.net>, Elizabeth Wong <ewong@northportfl.gov>  
**Cc:** "Frances N. Lugo" <flugo@northportfl.gov>, Tricia Wisner <twisner@northportfl.gov>, Anthony Friedman <afriedman@northportfl.gov>, Danny Quick <dquick@northportfl.gov>  
**Subject:** [EXTERNAL] RE: Price Boulevard - Repair Waterway Crossing Repair

**EXTERNAL EMAIL:** This email is from an external source! Be care

Elizabeth,

Thanks for the follow-up call this morning on your request below. We were unaware that you did not receive Dane's response to the RFP for the emergency road repairs. At this time KBI is focusing on waterborne work which utilizes barges/marine equipment and we going to pass on the immediate North Port road repairs. Please keep us in mind for future projects.

Thank you,

**Jake Kinnear**  
[jakek@kellybros.net](mailto:jakek@kellybros.net)  
Project Manager / Assistant Estimator



**KELLY BROTHERS, INC**  
COMMERCIAL MARINE CONTRACTOR  
15775 Pine Ridge Road, Fort Myers, FL 33908  
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[www.kellybros.net](http://www.kellybros.net)

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**From:** Dane Kelly <[danek@kellybros.net](mailto:danek@kellybros.net)>  
**Sent:** Thursday, October 6, 2022 4:27 PM  
**To:** Elizabeth Wong <[ewong@northportfl.gov](mailto:ewong@northportfl.gov)>; Jake Kinnear <[jakek@kellybros.net](mailto:jakek@kellybros.net)>  
**Cc:** Frances N. Lugo <[flugo@northportfl.gov](mailto:flugo@northportfl.gov)>; Tricia Wisner <[twisner@northportfl.gov](mailto:twisner@northportfl.gov)>; Anthony Friedman <[afriedman@northportfl.gov](mailto:afriedman@northportfl.gov)>; Danny Quick <[dquick@northportfl.gov](mailto:dquick@northportfl.gov)>  
**Subject:** RE: Price Boulevard - Repair Waterway Crossing Repair

Good afternoon Elizabeth,

I greatly appreciate you reaching out and giving us the opportunity. I am sorry to hear about the damages that you have received. However at this time KBI is concentrating on all waterborne structures that require barges/marine equipment, cranes, and such. If you do have any scope of work that may require these items please contact us.

Thank you for the opportunity.

**Dane Kelly**  
President  
[danek@kellybros.net](mailto:danek@kellybros.net)



Ability is what you're capable of doing.  
Attitude determines how well you do it.  
Motivation determines what you do.  
Lou Holtz

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**From:** Elizabeth Wong <[ewong@northportfl.gov](mailto:ewong@northportfl.gov)>  
**Sent:** Thursday, October 6, 2022 2:24 PM  
**To:** Dane Kelly <[danek@kellybros.net](mailto:danek@kellybros.net)>; Jake Kinnear <[jakek@kellybros.net](mailto:jakek@kellybros.net)>  
**Cc:** Frances N. Lugo <[flugo@northportfl.gov](mailto:flugo@northportfl.gov)>; Tricia Wisner <[twisner@northportfl.gov](mailto:twisner@northportfl.gov)>; Anthony Friedman <[afriedman@northportfl.gov](mailto:afriedman@northportfl.gov)>; Danny Quick <[dquick@northportfl.gov](mailto:dquick@northportfl.gov)>  
**Subject:** FW: Price Boulevard - Repair Waterway Crossing Repair

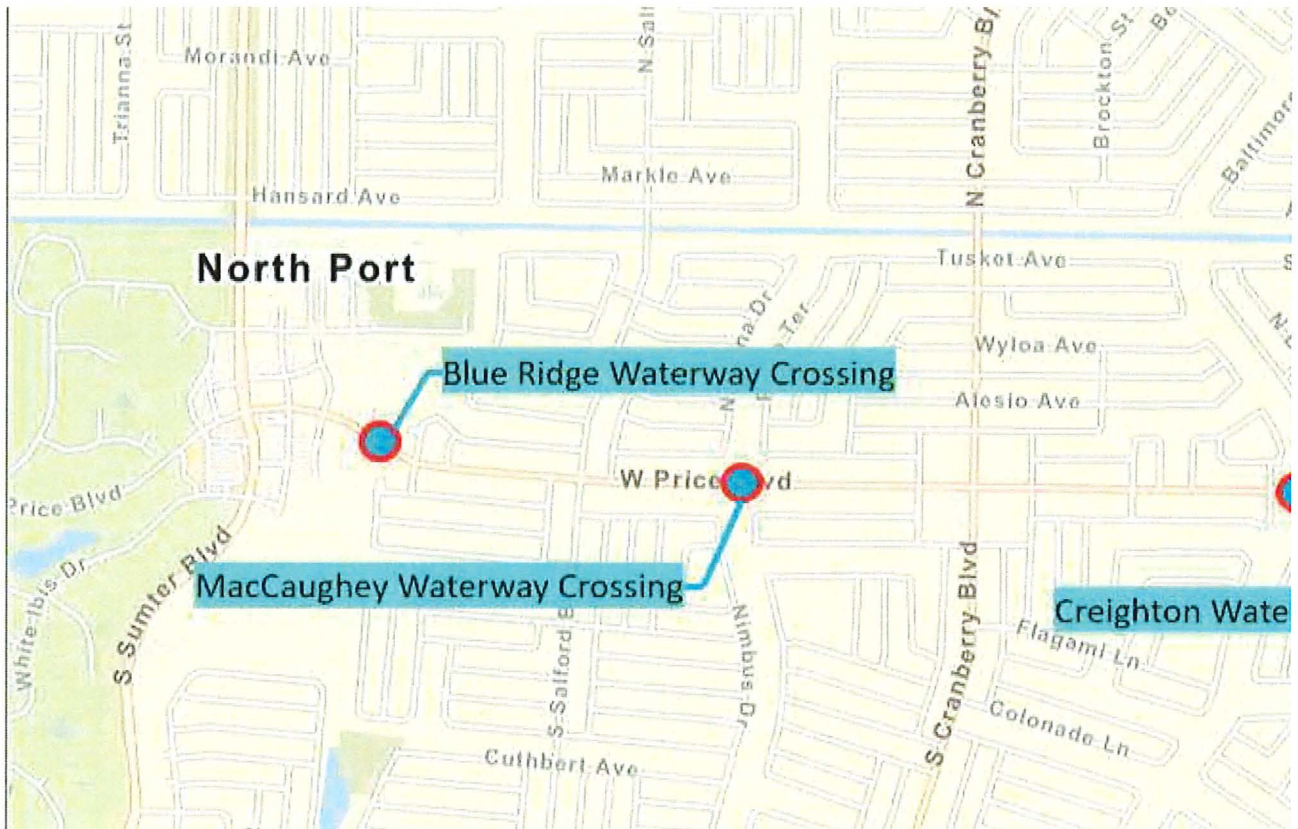
[ewong@northportfl.gov](mailto:ewong@northportfl.gov) appears similar to someone who previously sent you email, but may not be that person. [Learn why this could be a risk](#)

Greetings, hope you and your family are well through the Hurricane Ian.

North Port has suffered a lot of damages and flooding and in particularly the breaching and subsequent severe erosion of our main arterial roadway Price Blvd at the below 4 crossings over waterways. Will you be willing to give us a quote on the repairs per below email from Frances Lugo PW Operations Manager ?

Attached are photos. If you want to visit the four sites, Sumter Blvd and Toledo Blvd are open. We have closed the Price Blvd road segment between Sumter and Toledo Blade. You can also access from US 41 and go north on Sumter, Salford, Cranberry and Chamberlain Blvds.

If you are unable to provide a quote, we will also appreciate a response. Thanks much.



**Elizabeth Wong P.E.**  
Stormwater Manager  
City of North Port  
Department of Public Works  
1100 N. Chamberlain Blvd  
North Port, FL 34286  
Office: 941.240.8321  
Cellphone: 941.628.1475  
Fax 941.240.8063  
[ewong@northportfl.gov](mailto:ewong@northportfl.gov)  
<https://www.northportfl.gov/>

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**From:** Frances N. Lugo <[flugo@northportfl.gov](mailto:flugo@northportfl.gov)>  
**Sent:** Thursday, October 6, 2022 1:55 PM  
**To:** Elizabeth Wong <[ewong@northportfl.gov](mailto:ewong@northportfl.gov)>  
**Subject:** Price Boulevard - Repair Waterway Crossing Repair



Elizabeth,

1. Price Blvd over Creighton Waterway –

1. Mobilization
2. 12" Crushed Concrete Road Base
3. Asphalt Restoration
4. Imported Fill Dirt For Washout Locations
5. Grading
6. Guard Rail
7. Rip Rap Restoration
8. Sod - Bahia Restoration

2. Price Blvd over Lagoon Waterway –

1. Mobilization
2. 12" Crushed Concrete Road Base
3. Asphalt Restoration
4. Imported Fill Dirt For Washout Locations
5. Grading
6. 6" Concrete Driveway Restoration
7. Guard Rail
8. Rip Rap Restoration
9. Sod - Bahia Restoration

3. Price Blvd over Blue Ridge Waterway –

1. Mobilization
2. 18" RCP
3. 18" Headwall
4. 12" Crushed Concrete Road Base
5. Asphalt Restoration
6. F Curb Restoration
7. 4" Concrete Sidewalk Restoration
8. ADA Sidewalk Ramp Restoration
9. Imported Fill Dirt For Washout Locations
10. Grading
11. Guard Rail
12. Striping Restoration
13. Rip Rap Restoration
14. Sod - Bahia Restoration

4. Price Blvd over McCaughey Waterway

1. Mobilization
2. Excavation To Void Space
3. Fill Void Space With Non-reinforced Concrete
4. 12" Crushed Concrete Road Base
5. Asphalt Restoration
6. Sod - Bahia Restoration

Thank you,

**Frances M Nuñez Lugo**  
Infrastructure and Facilities Manager  
City of North Port  
Department of Public Works

1100 N. Chamberlain Blvd  
North Port, FL 34286  
Phone: 941.240.8322  
[Flugo@northportfl.gov](mailto:Flugo@northportfl.gov)  
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## Garrett Woods

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**From:** Miles Hall <mhall@dejongeexcavating.com>  
**Sent:** Friday, October 7, 2022 11:20 AM  
**To:** Elizabeth Wong  
**Cc:** Tricia Wisner; Garrett Woods; Leigh DeJonge; Andrew DeJonge  
**Subject:** [EXTERNAL] RE: WCS 106 Phase 2 Repairs

**EXTERNAL EMAIL:** This email is from an external source! Be careful of

Elizabeth,

Thank you for reaching out. At this time all of our crews have been committed to other projects, and we will not be able to respond within this time frame. We look forward to working with you on future projects.

Regards,

Miles Hall

DeJonge Excavating Contractors

O: (941) 485-7799

C: (941) 716-2847

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**From:** Elizabeth Wong <ewong@northportfl.gov>  
**Sent:** Friday, October 7, 2022 10:18 AM  
**To:** Miles Hall <mhall@dejongeexcavating.com>  
**Cc:** Tricia Wisner <twisner@northportfl.gov>; Garrett Woods <gwoods@northportfl.gov>  
**Subject:** WCS 106 Phase 2 Repairs

Greetings, hope you and your family are ok with the recent Hurricane.

WCS 106 is located at the West end of Cocoplum Waterway that discharges to Myakkahatchee Creek. Hurricane Ian is a 500-year storm with a very large amount of rainfall. The extremely high water level in Cocoplum coupled with the Category 4 North to South winds passing through North Port, caused lashing of water onto the south banks of our WCS 106 and has eroded the banks adjacent to our structure, and severely impacted the adjacent Winn Dixie parking lot. The attached photo is looking south with the upstream end on the left and the downstream on the right. The three visible segments of white PVC pipe in the water is the watermain which have since been valved off. Due to the pressing need to get the watermain back in service for the Commercial facility and need to control the erosion, we are mobilizing to put in a sheet pile to block the water to repair the watermain.

The attached Phase 2 repair is to address the remaining of the restorative work need. I will appreciate your quote on this Phase 2 work which must begin next Tuesday October 11, 2022.

Can you please provide the quote if possible by 4pm today? If you are not going to provide a quote, I will also appreciate an email as such. Thanks much.

**Elizabeth Wong P.E.**  
Stormwater Manager  
City of North Port  
Department of Public Works  
1100 N. Chamberlain Blvd  
North Port, FL 34286  
Office: 941.240.8321  
Cellphone: 941.628.1475  
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