

City of Crisfield

319 W. Main Street
Crisfield, Maryland 21817

REQUEST FOR PRICE QUOTE

CONSTRUCTION OF COLLINS STREET WALKWAY AND PIER

RFP #101-280

ISSUE DATE:
June 18, 2012

PRE-PROPOSAL MEETING:
JUNE 28, at 11:00 a.m.
at Collins Street Playground, Crisfield, MD 21817

PROPOSALS MUST BE RECEIVED BY:
July 9, 2012
by 4:30 p.m. at City Hall

DELIEVER PROPOSALS TO:

City of Crisfield
319 W. Main Street
Crisfield, Maryland 21817

Section One

General Information:

1.1 Purpose: The City of Crisfield is seeking qualifications and cost proposals for construction of a 6-foot wide by 365-foot long pier over existing marsh with a 6-foot wide by 50-foot long "L" platform at the Collins Street Park. This Request for Proposals (RFP) states the instructions for submitting proposals, the procedure and criteria by which a vendor may be selected and the contractual terms by which the city intends to govern the relationship between it and the selected vendor. Definition of Parties: the City of Crisfield will hereinafter be referred to as the "City". Respondents to the RFP shall be referred to as "Bidders." The bidder to whom the contract is awarded shall be referred to as the "Contractor."

1.2 Scope: The work specified herein shall be to design and specify the HVAC Systems necessary to provide the cooling and heating to portions of the building as outlined in Section Four. All work to be completed in accordance with the proposed plan(s).

1.3 Evaluation criteria:

1.3.1 Understanding of project objectives	20%
1.4.2 Scope of services proposed	20%
1.4.3 Qualifications and experience	20%
1.4.4 References similar to the city	20%
1.4.6 Cost of services	20%

1.4 Communication with the City: It is the responsibility of the bidder to inquire about any requirement of this RFP that is not understood. Responses to inquiries, if they change or clarify the RFP in a substantial manner, will be forwarded by addenda to all parties that have received a copy of the RFP. Addenda will also be posted on our web site. www.crisfieldcityhall.com. The City will not be bound by oral responses to inquiries or written responses other than addenda.

Inquires must be made to: Noah Bradshaw
City Inspector
City of Crisfield
319 W. Main Street
Crisfield, MD 21817
410-968-0045
nbradshaw@crisfieldcityhall.com

1.5 Award of Proposal: Presentations may be requested of two or more bidders deemed by the City to be the best suited among those submitting proposals on the basis of the

selection criteria. After presentations have been conducted, the City may select up to two bidders which, in its opinion, has made the proposal(s) that is/are the most responsive and most responsible and may award the contract to that/those bidder(s). If two bidders are selected the bidder with the most responsive and responsible bid will be designated the primary Contractor (Primary). A second, if selected, will be designated the secondary Contractor (Secondary). The Primary will be offered all the work under this contract. If the Primary is unable to meet a project deadline or refuses a project, that project will be offered to the Secondary. If the Primary is unable or unwilling to consistently provide project support as specified by the terms and conditions of the contract, then the Primary will be discharged in accordance with Section 2.7, and the Secondary will be offered the contract on a primary basis. The city reserves the right to select only one bidder. The City reserves the right to waive minor irregularities. Scholarships, donations or gifts to the City, will not be considered in the evaluation of proposals. The City reserves the right to reject any or all proposals in whole or in part and is not necessarily bound to accept the lowest cost proposal if that proposal is contrary to the best interests of the City. The City may cancel this Request for Proposals or reject any or all proposals in whole or in part. Should the City determine in its sole discretion that only one bidder is fully qualified, or that one bidder is clearly more qualified than any other under consideration, a contract may be awarded to that bidder without further action.

- 1.6 Award Protest: Bidders may appeal the award decision by submitting a written protest to the City of Crisfield within five (5) business days of the date of the award notice, with a copy of the protest to the successful bidder. The protest must contain a statement of the basis for the challenge.
- 1.7 Confidentiality: The information contained in proposals submitted for the City's consideration will be held in confidence until all evaluations are concluded and an award has been made. At that time, the winning proposal will be available for public inspection. Pricing and other information that is an integral part of the offer cannot be considered confidential after an award has been made. The City will honor requests for confidentiality for information of a proprietary nature to the extent allowed by law. Clearly mark any information considered confidential.
- 1.8 Costs of Preparation: Bidder assumes all costs of preparation of the proposal and any presentations necessary to the proposal process.
- 1.9 Debarment: Submission of a signed proposal in response to this solicitation is certification that your firm (or any subcontractor) is not currently debarred, suspended, proposed for debarment, declared ineligible or voluntarily excluded from participation in this transaction by any State or Federal department or agency. Submission is also agreement that the City will be notified of any change in this status.
- 1.10 Proposal Understanding: By submitting a proposal, the bidder agrees and assures that the specifications are adequate, and the bidder accepts the terms and conditions herein. Any exceptions should be noted in your response.

1.11 Proposal Validity: Unless specified otherwise, all proposals shall be valid for ninety (90) days from the due date of the proposal.

1.12 Proposal Submission: A **SIGNED** original and two (2) copies of the proposal must be delivered to the City of Crisfield, 319 W. Main Street, Crisfield, MD 21817 in a sealed envelope by **July 9, 2013** in order to be considered. Normal business hours are 8:00 a.m. to 4:30 p.m., Monday through Thursday and 8:00 a.m. to 4:00 p.m. Friday. Bidders may wish to call 410-968-1333 to determine if City operations have been suspended. Proposals received after the due date will be returned unopened. There will be no public opening of proposals (see Confidentiality clause 1.7). In the event of suspended City operations, proposals will be due the next business day. Vendors are strongly encouraged to submit proposals in advance of the due date to avoid the possibility of missing the due date because of unforeseen circumstances. Vendors assume the risk of the methods of dispatch chosen. The City assumes no responsibility for delays caused by any package or mail delivery service. Postmarking by the due date **WILL NOT** substitute for receipt of proposal. Additional time will not be granted to any single vendor, however additional time may be granted to all vendors when the City determines that circumstances require it. **FAXED OR E-MAIL PROPOSALS WILL NOT BE ACCEPTED.** The envelope must be **clearly** identified on the outside as follows:

Name of Bidder
Address of Bidder
Due Date
RFP #

Where possible, all materials submitted should be fully recyclable. Submissions shall be on standard 8.5 x 11, letter-sized paper and be clipped together without binding.

1.14 Pre-Proposal Conference: A conference will be held on **June 27, 2013 at 11:00 AM** local time at the Collins Street Park and Playground, 205 Collins Street, Crisfield, MD 21817. The purpose of this conference is to give vendors the opportunity to ask the City questions about the RFP. Please hold all questions until this meeting. Participation at the Pre-Proposal Conference is **mandatory**; however, it is limited to two (2) people per firm. Firms planning to attend this pre-proposal conference must contact the city at 410-968-1333 no later than 4:00 p.m. local time on **June 26, 2013** with the names and titles of the individuals who will attend.

END SECTION ONE

SECTION TWO

2.0 GENERAL TERMS AND CONDITIONS:

This project is funded by US Department of Agriculture and the Department of Business and Economic Development. All funding agency small procurement rules apply including equal opportunity to Disadvantaged business enterprises which may provide services directly or as a consortium. Minority business enterprises (MBE), Disadvantaged Business Enterprises and Women-owned business enterprises (WBE) will be afforded full opportunity to submit information on this contract and will not be subject to discrimination on the basis of race, color, national origin or sex in consideration of this award.

2.1 Contract Documents: If a separate contract is not written, the Contract entered into by the parties shall consist of the RFP, the signed proposal submitted by the Contractor, the Specifications, including all modifications thereof, and a purchase order or letter of agreement requiring signatures of the City and the Contractor, all of which shall be referred to collectively as the Contract Documents.

2.2 Contract Modification and Amendment: The parties may adjust the specific terms of this Contract (except for pricing) where circumstances beyond the control of either party require modification or amendment. Any modification or amendment proposed by the Contractor must be in writing to the City of Crisfield, 319 W. Main Street, Crisfield, MD 21817. Any agreed upon modification or amendment must be in writing and signed by both parties.

2.3 Contract Data: The Contractor is required to provide the City with detailed data concerning the Contract at the completion of the work or at the request of the City at other times.

2.4 Contract Validity: In the event one or more clauses of the Contract are declared invalid, void, unenforceable or illegal, that shall not affect the validity of the remaining portions of the Contract.

2.5 Non-Waiver of Defaults: Any failure of the City to enforce or require the strict keeping and performance of any of the terms and conditions of this Contract shall not constitute a waiver of such terms, conditions, or rights.

2.6 Cancellation/Termination: If the Contractor defaults in its agreement to provide personnel or equipment to the City's satisfaction, or in any other way fails to provide service in accordance with the contract terms, the City shall promptly notify the Contractor of such default and if adequate correction is not made within two (2) days, the City may take whatever action it deems necessary to provide alternate services and may, at its option, immediately cancel this Contract with written notice. Except for such cancellation for cause by the City, either the City or the Contractor may terminate this Contract by giving ninety (90) days advance written notice to the other party. Cancellation does not release the Contractor from its obligation to provide goods or services per the terms of the Contract during the notification period.

2.7 Contract Coordinator and Administrator, Project Monitor, and Clarification of Responsibilities:

2.7.1 Contract Coordinator and Administrator: The Lead Project Manager, hereafter referred to as the "Contract Coordinator" shall be the City Inspector representing all matters pertaining to the administration of this contract. The Contract Coordinator shall have the authority to stop any job activities if they are not being performed in accordance with applicable regulations or guidelines or the requirements of this contract. The City's Contract Coordinator shall be:

Noah T. Bradshaw
City Inspector
City of Crisfield
319 W. Main Street
Crisfield, MD 21817
410-968-1333

Alternate Contract Coordinator shall be:

Joyce Morgan
Clerk/Treasurer
City of Crisfield
319 W. Main Street
Crisfield, MD 21817
410-968-1333

2.7.2 Project Monitor: The Project Monitor shall be a City representative or a designated representative paid by the City. The Project Monitor shall conduct visual inspections, and project monitoring for the City in accordance with all applicable local, state and federal standards. In addition the Project Monitor shall act as the City's agent under this contract.

2.7.3 Clarification of Responsibilities: If the Contractor needs clarification of or deviation from the terms of the Contract, it is the Contractor's responsibility to obtain written clarification or approval from:

Noah T. Bradshaw
City Inspector
City of Crisfield
319 W. Main Street
Crisfield, MD 21817
410-968-1333

- 2.8 **Contract Disputes:** If, in the construction of any public work, including buildings, highways, bridges, dams and drainage structures, which the City does by contract, there arises a dispute between the City and the Contractor which cannot be settled, then this dispute shall be submitted to arbitration and both the City and the Contractor shall be bound by the decision of the arbitrator. The membership of the American Arbitration Association shall be used as arbitrators, and the procedures used for arbitration shall be in conformity with the Construction Industry Arbitration Rules, as administered by the American Arbitration Association.
- 2.9 **Litigation:** This Contract and the rights and obligations of the parties hereunder shall be governed by and construed in accordance with the laws of the State of Maryland without reference to its conflicts of laws principles. The Contractor agrees that any litigation, action or proceeding arising out of this Contract, shall be instituted in a state court located in the State of Maryland.
- 2.10 **Assignment:** Neither party of the Contract shall assign the Contract without the prior written consent of the other, nor shall the Contractor assign any money due or to become due without the prior written consent of the City.
- 2.11 **Equal Opportunity:** In the execution of the Contract, the Contractor and all subcontractors agree, consistent with City policy, not to discriminate on the grounds of race, color, religion, sex, sexual orientation, transgender status or gender expression, national origin or citizenship status, age, disability or veteran's status and to provide reasonable accommodations to qualified individuals with disabilities upon request. The City encourages the employment of individuals with disabilities.
- 2.12 **Independent Contractor:** Whether the Contractor is a corporation, partnership, other legal entity, or an individual, the Contractor is an independent contractor. If the Contractor is an individual, the Contractor's duties will be performed with the understanding that the Contractor is a self-employed person, has special expertise as to the services which the Contractor is to perform and is customarily engaged in the independent performance of the same or similar services for others. The manner in which the services are performed shall be controlled by the Contractor; however, the nature of the services and the results to be achieved shall be specified by the City. The Contractor is not to be deemed an employee or agent of the City and has no authority to make any binding commitments or obligations on behalf of the City except as expressly provided herein. The City has prepared specific guidelines to be used for contractual agreements with individuals (not corporations or partnerships) who are not considered employees of the City.
- 2.13 **Sexual Harassment:** The City is committed to providing a positive environment for all students and staff. Sexual harassment, whether intentional or not, undermines the quality of this educational and working climate. The City thus has a legal and ethical responsibility to ensure that all students and employees can learn and work in an environment free of sexual harassment. Consistent with the state and federal law, this right to freedom from sexual harassment was defined as City policy by the Board of Trustees. Failure to comply with this policy could result in termination of this

Contract without advanced notice. Further information regarding this policy is available from the Clerk/Treasurer (410) 968-1333

- 2.14 Indemnification: The Contractor agrees to be responsible for, and to protect, save harmless, and indemnify the City and its employees from and against all loss, damage, cost and expense (including attorney's fees) suffered or sustained by the City or for which the City may be held or become liable by reason of injury (including death) to persons or property or other causes whatsoever, in connection with the operations of the Contractor or any subcontractor under this agreement.
- 2.16 Contractor's Liability Insurance: During the term of this agreement, the Contractor shall maintain the following insurance:

General Liability: Contractor shall provide General Liability insurance with coverage for premises and operations, products and completed operations, explosion, collapse and underground hazards, broad form property damage, contractual, personal and advertising injury liabilities.

Insurance shall be provided on a standard form Insurance Services Office (ISO) Commercial General Liability Form or equivalent and shall include the following three endorsements or their equivalent:

1. Additional Insured – Owners, Lessees or Contractors – Scheduled Person or Organization with the City of Crisfield, 319 W. Main Street, Crisfield, MD 21817 listed as additional insured;
2. Additional Insured – Owners, Lessees or Contractors – Completed Operations with the City of Crisfield, 319 W. Main Street, Crisfield, MD 21817 listed as additional insured; and
3. Designated Construction Project General Aggregate Limit as the Aggregate limits shall apply on a per location or job basis. The policy form and endorsements must be included on the certificate of insurance.

The required minimum insurance limits below shall not be construed as a limitation of the City's rights under any insurance with higher limits and no insurance shall be endorsed to include such a limitation.

General Liability insurance required minimum limits:

1. General Aggregate	\$2,000,000
2. Products and Completed Operations Aggregate	\$2,000,000
3. Personal Injury Aggregate	\$1,000,000
4. Each Occurrence for Contracts Under \$1 million	\$1,000,000
5. Each Occurrence for Contracts \$1 million and above	\$2,000,000

6. Personal/Advertising Injury	\$1,000,000
7. Medical Payments (Any One Person)	\$5,000

Workers' Compensation – Contractor shall provide Workers' Compensation insurance with coverage on a statutory basis according to Maryland Law and apply to all personnel on the job site. Workers' Compensation Insurance required minimum limits:

1. Coverage A (Workers' Compensation) Statutory Limits

2. Coverage B (Employer's Liability)

Bodily Injury by accident	\$500,000 each accident
Bodily Injury by disease	\$500,000 each employee
Bodily Injury by disease	\$500,000 policy limit

Vehicle Liability Insurance – Contractor shall provide Vehicle Liability insurance with coverage for all owned, hired/rented and non-owned vehicles. Vehicle Liability insurance required minimum limits:

1. Combined Single Limit	\$1,000,000 each accident or
2. Split Limits	\$1,000,000 bodily injury \$1,000,000 property damage

Property Insurance: The Contractor is responsible for property insurance on all of the tools, equipment or material brought to the site. Any damage to any of the materials provided by the Contractor is the responsibility of the Contractor.

Certificates of Insurance for all of the above insurance shall be filed with:

City of Crisfield
319 W. Main Street
Crisfield, MD 21817

Certificates shall be filed prior to the date of performance under this Agreement. Said certificates, in addition to proof of coverage, shall contain the standard statement pertaining to written notification in the event of cancellation, with a thirty (30) day notification period.

Performance Bond – The successful Contractor may be required to furnish a performance bond in the amount of the contract award. In lieu of performance bond Contractor(s) may provide an irrevocable letter of credit naming the City as beneficiary. The irrevocable letter of credit must be in the amount of the contract award for the performance bond and the format content required by the City. In case of a split award, performance bond/irrevocable letter of credit must be split between successful Contractor(s) as determined by the City. Performance bond/irrevocable letter of credit must be furnished by a company licensed to do business in the State of Maryland.

The performance bond/irrevocable letter of credit must be for the entire contract period. The performance bond/letter of credit must provide that in the event of non-renewal, the City and the Contractor be notified in writing by the issuer a minimum of 60 calendar days prior to the anniversary of the contract effective date.

Such bond/irrevocable letter of credit must be furnished to the City within 10 calendar days of contract award notice and prior to contract commencement.

- 2.15 Payments: The Contractor is required to submit to the Contract Coordinator per-job billing documentation for verification of accuracy and an approval signature before being submitted for payment. Payment will be upon submittal of an invoice to the City Clerk/Treasurer by the Contractor on a Net 30 basis unless discount terms are offered. Invoices must include an itemized list of materials used, labor employed, City Work Order number, project name(s), project date(s) and other data as requested.

The City will make payment by check.

- 2.16 Smoking Policy: The City must comply with the "Workplace Smoking Act of 1985". In compliance with this law, the City has prohibited smoking in all City buildings. This rule must also apply to all contractors and workers in existing City buildings. The Contractor shall be responsible for the implementation and enforcement of this requirement within existing buildings and for abiding by all signage specifying no-smoking distances from buildings.
- 2.17 Employees: The Contractor shall employ only competent and satisfactory personnel and shall provide a sufficient number of employees to perform the required services efficiently and in a manner satisfactory to the City. If the Contract Coordinator or designee, notifies the Contractor in writing that any person employed on this contract is incompetent, disorderly, or otherwise unsatisfactory, such person shall not again be employed in the execution of this Contract without the prior written consent of the Contract Coordinator.

END SECTION TWO

SECTION THREE

3.0 WORK TO BE PERFORMED:

- 3.0.1 The work specified herein shall be to construct a 6-foot wide by 365-foot long pier over existing marsh with a 6-foot wide by 50-foot long "L" platform at the Collins Street Park. All work to be completed in accordance with the proposed plan specified in Section Four.

END SECTION THREE

SECTION FOUR

The work consists of construction of a 6-foot wide by 365-foot long pier over existing marsh with a 6-foot wide by 50-foot long "L" platform" at Collins Street. The specifications are included in this Section.

In accordance with the 2010 Laws of Maryland (Chapter 286), all marine contractors performing or soliciting marine contractor services in the State of Maryland are required to be registered with the Maryland Department of the Environment (MDE).

The Contractor shall have a minimum of three (3) years of experience performing construction work of a similar nature.

*The successful bidder must agree to commence work on or before a date specified in a written **Notice to Proceed** from the Owner, and to fully complete the project on or before*

Bidders shall visit the site before submitting a bid for this work and thoroughly familiarize themselves as to the accuracy and correctness of the same.

No Bidder may withdraw his bid within forty-five (45) days after the actual date of the opening thereof.

Each Bid must be accompanied by a Bid Bond payable to the Owner for five (5) percent of the total amount of the bid.

Construction specifications follow:

IV. DETAILED SPECIFICATIONS

A. SCOPE:

This project consists of the Contractor providing all labor, equipment, materials, supplies, insurance, etc., necessary to construct and install a wood access walkway 6' wide and 365' long over an existing marsh and install a wood pier 6' wide and 200' long with a 6' wide x 50' long "L" end section located at the street end of Collins Street, City of Crisfield, Somerset County, Maryland.

1. The proposed project shall include, but is not limited to the following:

Installation:

To construct and install a wood access walkway 6' wide and 365' long over an existing marsh and install a wood pier 6' wide and 200' long with a 6' wide x 50' long "L" end section, located at the street end of Collins Street, City of Crisfield, Somerset County, Maryland and as shown on the drawings.

Note: PERMIT CALLS FOR MATS TO BE USED WHILE WORKING IN MARSH AREA

NOTE: ALL QUANTITIES ARE APPROXIMATE. IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO DETERMINE EXACT MEASUREMENTS FOR BID PURPOSES.

B. SITE INSPECTION:

1. Prior to preparation of the bid, it is recommended that each bidder make a personal inspection of the site of work, site access, existing structures, and note all conditions, which may effect this project. All prospective bidders are encouraged to attend the pre-bid conference and familiarize themselves with all requirements for the project. Failure to do so will not relieve the successful bidder from complying with all the requirements of these specifications at no additional cost to the City of Crisfield.
2. The Contractor shall satisfy himself as to the accuracy and completeness of these specifications and drawings regarding the nature and extent of all work described.
3. The work under this contract includes all necessary temporary items required for good, safe, practical construction methods and administration of the project.

C. STANDARDS AND CODES:

All materials must comply with the applicable latest edition of the following standards:

1. American Society for Testing and Materials: ASTM A 153 Zinc Coating (Hot Dip) on and Steel Hardware. ASTM A 64 Zinc-Coated (Galvanized) Carbon Steel Wire
2. American Wood Preservers Association: AWPA C2 Lumber, Timber, Bridge Ties and Mine Ties-Preservation Treatment by Pressure Process

3. Southern Pine Inspection Bureau: SPIB-01 Grading Rules
4. American Iron and Steel Institute AISI

D. SCHEDULE OF WORK :

1. Work shall be scheduled through and approved by the City Inspector. The contractor shall perform all work Monday through Friday during the normal working hours of 7:00 am to 5:00 pm unless written approval is given by the City Inspector for additional hours.
2. The contractor shall notify the City Inspector (410-968-1333) seven (7) days prior to his start of work and coordinate any closures required.
3. Use of the premises by the contractor shall be limited to specified work areas and approved storage areas.

E. CONTRACTOR QUALIFICATIONS :

1. The Contractor shall be licensed in the State of Maryland through the Maryland Department of the Environment to perform the specified work.
2. The Contractor shall have a minimum of three (3) years experience performing work of a similar nature. Upon request, the Contractor may be required to submit a list of similar projects, which have been successfully completed.

F. MATERIALS AND SUPPLIES:

1. General:
 - a. Within ten (10) days of contract award and prior to ordering any material, the contractor shall submit to the City Inspector for approval the manufacturer's shop drawings, if required.
 - b. As applicable, all materials shall be new and shall be delivered to the job site with labels intact and legible. The contractor shall be responsible for the proper storage of said materials throughout the project and shall replace, at no additional cost to the City, any supplies or materials judged unacceptable by the City Inspector.
 - c. The contractor shall be responsible for the coordination, off-loading, and proper storage of all materials and supplies up to and until the time of final inspection and project acceptance.
 - d. Materials shall be stored in a safe area, out of the way of traffic. Any on-site storage location shall be approved by the City Inspector prior to bringing any materials on-site. All materials shall be stored off the ground surface and should be protected from the weather with a waterproof

covering. Any special storage instruction required by the material manufacturer shall be performed by the contractor as if specified herein.

2. Hardware: All hardware to be used for the construction of timber pier and walkway shall be manufactured from good, commercial quality material and shall meet the minimum requirements of the following:
 - a. Bolts and nuts shall conform to ASTM specification A-307 for Grade A steel, hexagonal heads, and shall be hot dipped galvanized in accordance with ASTM designation A-153. A "dome-head" type marine bolt with nut and washer may be used in accordance with these Specifications as shown on the Drawings.
 - b. NYDD and standard cut washers shall meet ASTM specification A-36 for grade A steel and shall be hot-dipped galvanized in accordance with ASTM-153 specification.
 - c. Spikes and nails shall be common wire type and shall meet AISI specification 1010 and 1020 for steel, they shall be hot-dipped galvanized.
 - d. Threads on all threaded fasteners shall be of the cut type with the shank and outside thread diameter being equal to the nominal diameter of the fastener. All threads shall be cut prior to galvanizing. All bolts shall have at least one-half inch of thread beyond face of nut after fully loaded installation.
 - e. All of the hardware shall be hot-dipped galvanized in accordance with ASTM designation A-153, zinc coating shall be class A, 2.0 ounces of zinc per square foot of hardware surface.
 - f. Decking screws shall be 316 Stainless Steel Bugle Head Square Drive, size #8x3" Swaneze or approved equal. The contractor shall drive minimum two screws per deck board at each stringer for the proposed decking.

3. Timber:

All timber shall be Southern Yellow Pine or approved equal. Timber shall be free from all defects which will impair its strength and durability. All timber shall comply with A WPA 1994 and as modified by the following specifications.

- a. Round Timber Piles:
 1. General Quality: Piles shall meet the requirements of the ASTM D25 "Standard Specifications for Round Timber Piles," except as modified by the Drawings and Specifications. Piles shall be cut from sound, live trees and shall be free from decay and insect attack. Piles shall be cut above the ground swell and have a gradual taper from butt to tip.

2. Sizes: In place length of piles, minimum butt and tip diameter, minimum butt and tip circumferences, and pile taper shall be as specified in the Drawings.
3. Sapwood: Piles shall have a minimum sapwood thickness of three (3) inches. The sapwood shall be measured continuously along the radius at mid-point of length and at the butt of the pile.
4. Straightness: Pier piles shall be within a straightness requirement where a line drawn from the center of the tip to the center of the butt does not fall outside the center of the pile at any point by more than 1-1/4% of the length of the pile, or shall lie entirely within the body of the pile, whichever is less.
5. Peeling and Cutting: Prior to treatment, piles shall be clean-peeled of all outer bark and at least a minimum of 80% of the inner bark. The butts and tips of piles shall be sawed square with the axis of the pile. The allowable tolerance shall be 10% from square.

b. Lumber:

1. General Quality: All timbers, dimension lumber, and boards shall be graded and carry an identifiable grade mark in accordance with the Grading Rules of the Southern Pine Inspection Bureau. The in place length of lumber shall be as shown on the Drawings. Lumber shall comply with the following Specifications.
2. Beams, stringers and bracings: Grade No. 1 dense, (MC \leq 19%), Fb = 1,500 psi minimum before treatment, surfaced on four sides (S4S).
3. Decking: Decking shall be specified: grade No. I (MC \leq 19%), Fb = 1350 psi minimum before treatment, surfaced on four sides (S4S) and precision end trimmed square (PET).

c. Miscellaneous Materials:

1. Water-borne preservative solution of CCA-Type C for the treatment of field cuts, trimmed areas and holes for CCA treated Lumber only, shall meet the requirements of A WPA M4-91, "Standard for the Care of Preservative-Treated Wood Products".
2. Asphalt roofing cement for coating wale splices, counter-bored holes and exposed hardware shall be a high grade, waterproof cement, easily spread by trowel to 1/8 inch in one coat, meeting Federal Specifications SS-C-153 Type I, Class B. Use Clipper Ship Roofing Cement MP 51 or equivalent.

3. Field Coatings: After all hardware is placed, all field cuts, shall be scraped and brushed clean and given two coats of ZINC-X as manufactured by INSL-X Products Corporation, Yonkers, New York, or an approved equal. All coatings shall be in accordance with the manufacturer's specifications.

d. Treatment:

1. All beams, stringer, bracing shall be pressure-treated with CCA type C, in accordance with the requirements of the American Wood Preservers Association, Standard P5 and all current applicable addenda to a final net retention of not less than 2.5 lbs. of chromated copper arsenate (CCA) per cubic foot of wood as determined by AWWPA Standards C18 and C2 with a minimum sapwood penetration of two and one-half inches or eighty-five percent (85%).
2. All decking shall be pressure treated with ACQ type 0.5 in accordance with the requirements of EPA and the American Wood Preservers Association. A final net retention of not less than 0.5 lbs of ACQ per cubic foot of wood as determined by AWWPA.
3. All piles shall be pressure-treated with CCA type C in accordance with the requirements of the American Wood Preservers Association, Standard P5 and all current applicable addenda to a final net retention of not less than 2.5 lbs. of chromated copper arsenate (CCA) per cubic foot of wood as determined by AWWPA standards C18 and C2 with a minimum sapwood penetration of two and one-half inches or eighty-five percent (85%).
4. All treated materials shall be branded, or tagged after treatment for identification. Tagging of lumber shall be with legible lettering, suppliers brand, plant designation, date of treatment, species of timber, type of preservative and retention of preservative.

e. TREATMENT OF FIELD CUTS:

1. All field cuts, trimmed areas, holes and damaged areas shall be coated with two coats of a compatible preservative meeting the requirements of AWPAM-4, latest edition, "Standard for the Care of Preservative Treated Wood Products".
2. All piles tops shall be trimmed as shown on the drawings and receive a plastic cone pile cap.

f. CERTIFICATION :

1. A certificate attesting to the fact that all timber meets the requirements of the Drawings and Specifications as to species, grade, strength, finish and size.

2. A certificate of Treatment from the supplier indicating that all timber meets the Specifications as to type and amount of retention of preservative treatment.
3. A certificate indicating that all hardware (bolts, washers, etc.) meet these specifications as to galvanizing and steel type. The certificate shall list the materials in detail.

G. METHOD OF WORK:

General:

- I. All work shall be as shown on the drawings and as called for in these written specifications.
2. The contractor shall adhere to OSHA-MOSHA regulations throughout the project to insure the safety of his/her employees, state employees, and the public.
3. The contractor shall maintain the work site in a safe, neat, and orderly manner throughout the entire project. The contractor shall take steps necessary to prevent the accumulation of debris at the job site.
4. The contractor shall submit to the City Inspector for approval the following at the Work Initiation Conference:
 - a. A schedule and sequence for all contract work.
 - b. The names, qualifications, duties and responsibilities for each person installing the products.

Specifics:

1. The contractor shall perform the following work:
 - a. Each pile is expected to provide adequate pile-bearing capacity. If during driving operations the contractor finds inadequate bearing on piles (less than 7 tons); he shall stop driving and immediately contact the City Inspector. The Contractor is advised that in the event that the length of piles shown on the Drawings is found to be inadequate on the basis of bearing value, longer replacement piles may be required. Piles shown on the Drawings are thought to be adequate based on available site information. The test pile shall meet all material requirements noted above. The test pile shall not be driven unless the City Inspector is on site to observe and determine minimum length for acceptable bearing.

The Contractor shall keep a record of blows required for each one foot of penetration throughout the entire length of the pile and the number of blows for the final 6" on penetration. The record shall include the type and size of the hammer used, the rate of operation, and the type and

dimensions of driving helmet and pile cushion used. A similar record shall be kept for piles driven into place.

- b. Piles shall be driven into place in accordance with these specifications and the drawings. The piles shall be driven into place plumb and level to the specified depth by gravity, steam or diesel hammer. Driving shall be continuous without intermission until the pile has been driven to the required penetration. Jetting will be held to a minimum and not be permitted in soft material. Jetting or auguring is permissible in hard material, but the last two (2) feet of penetration must be driven without damage to the pile. Tops of piles shall be trimmed as shown on the Drawings.

Broken, cracked or shattered piles shall not be accepted. Piles damaged by overdriving or which do not conform to the above tolerance shall be removed and replaced with new piles at the contractor's expense. Piles shall not be more than 2 inches out of place and not more than 2% out of plumb. Piles that do not conform these tolerances shall be removed and replaced with new piles at the Contractor's expense.

- c. Field cuts of CCA treated timber shall be given a treatment of an approved water-borne preservative solution of CCA-Type C.
- d. Remove and properly dispose of all excess materials and debris, off City property. All disturbed areas shall be raked smooth. Spread 3" of topsoil to reach final grade, seed, fertilize and mulch.

H. GUARANTEE and ACCEPTANCE:

1. The contractor shall fully guarantee the work covered under this contract for a period of two (2) years from the date of acceptance against defects in materials and workmanship.
2. Any defects found within the two (2) year warranty period shall be promptly repaired or replaced by the contractor at no additional cost to the City.
3. The contractor shall provide the City Inspector all manufacturers' warranties for materials and systems used on this project.
4. Acceptance by the City Inspector of any procedures, materials, workmanship, or final product shall not relieve the contractor of his contractual requirements.
5. All work is subject to the inspection and approval of the City Inspector.

I: GENERAL REQUIREMENTS :

1. The contractor shall make his own arrangements at his own expense, coordinating with the City Inspector (Owner) for storage of materials and any construction yard he may require to execute this project.

2. Deviation from the manufacturer's instructions or this specification will not be acceptable.
3. The contractor's personnel shall be skilled craftsman and fully qualified by experience and technical training to perform their assigned responsibilities.
4. The contractor shall take all necessary precautions and measures to protect all properties from damage. He shall repair all damage caused by his operation to all public and private property including roads, walks, curbs, utilities, trees, shrubs, plantings, etc., and leave the property in good condition and/or at least equivalent to the condition found.
5. The contractor shall make his own arrangements to acquire any temporary utility service, which he requires to perform this contract. Any expenses incurred must be paid by the contractor.

V. ALTERNATES AND UNIT PRICES

A. ALTERNATES:

In lieu of ACQ wood decking, to install 365' long x 5' wide Thruflow Plastic Decking (www.thruflow.com) Sea Foam color, 1-800-478-3569 or Sure-step www.surestep-usa.com, 616-875-7725, Harbor Gray

B. UNIT PRICES:

None

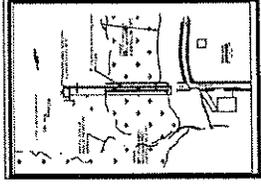
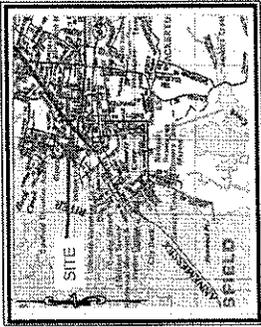
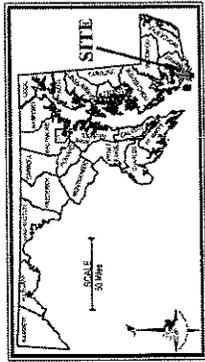
VI. DRAWINGS

A. The drawing listed below is to be considered a part of these specifications as if written herein.

Drawing T-1	Title Sheet
Drawing S- 1	Existing and Proposed Site Conditions
Drawing D-1	Access Walkway Section and Details
Drawing D-2	Proposed Pier Section and Details
Drawing D-3	Use Area and Limit of Disturbance
Drawing E-1	Sediment and Erosion Control

PROPOSED PIER AND ACCESS WALKWAY AT COLLINS STREET END, CRISFIELD

SOMERSET COUNTY, MARYLAND



OWNER:

CITY OF CRISFIELD
SOMERSET CO., MARYLAND
MAYOR, PERCY J. PURNELL

CITY COUNCIL
RAYMOND ANDERSON
MICHAEL B. ATKINS
MARK KONAPIELSKY
KIMI LAWSON
LAVERNE D. JOHNSON

LIST OF DRAWINGS

SHEET	DESCRIPTION
T-1	TITLE SHEET
S-1	EXISTING AND PROPOSED SITE CONDITIONS
D-1	ACCESS WALKWAY SECTIONS AND DETAILS
D-2	PROPOSED PIER SECTION AND DETAILS
P-3	USE AREA AND LIMIT OF DISTURBANCE
E-1	SEDIMENT AND EROSION CONTROL

SYMBOL LEGEND:

SYMBOL	DESCRIPTION
LOD	Limit of Disturbance
—SF—	Site Fence
—	Drainage Swale
—	10' Buffer Line
—	Bottom Depth
—	2' and 10' Contour Line
—	Lane Centerline
—	Proposed Contour
○	Existing Trees

CITY OF CRISFIELD
SOMERSET COUNTY, MARYLAND

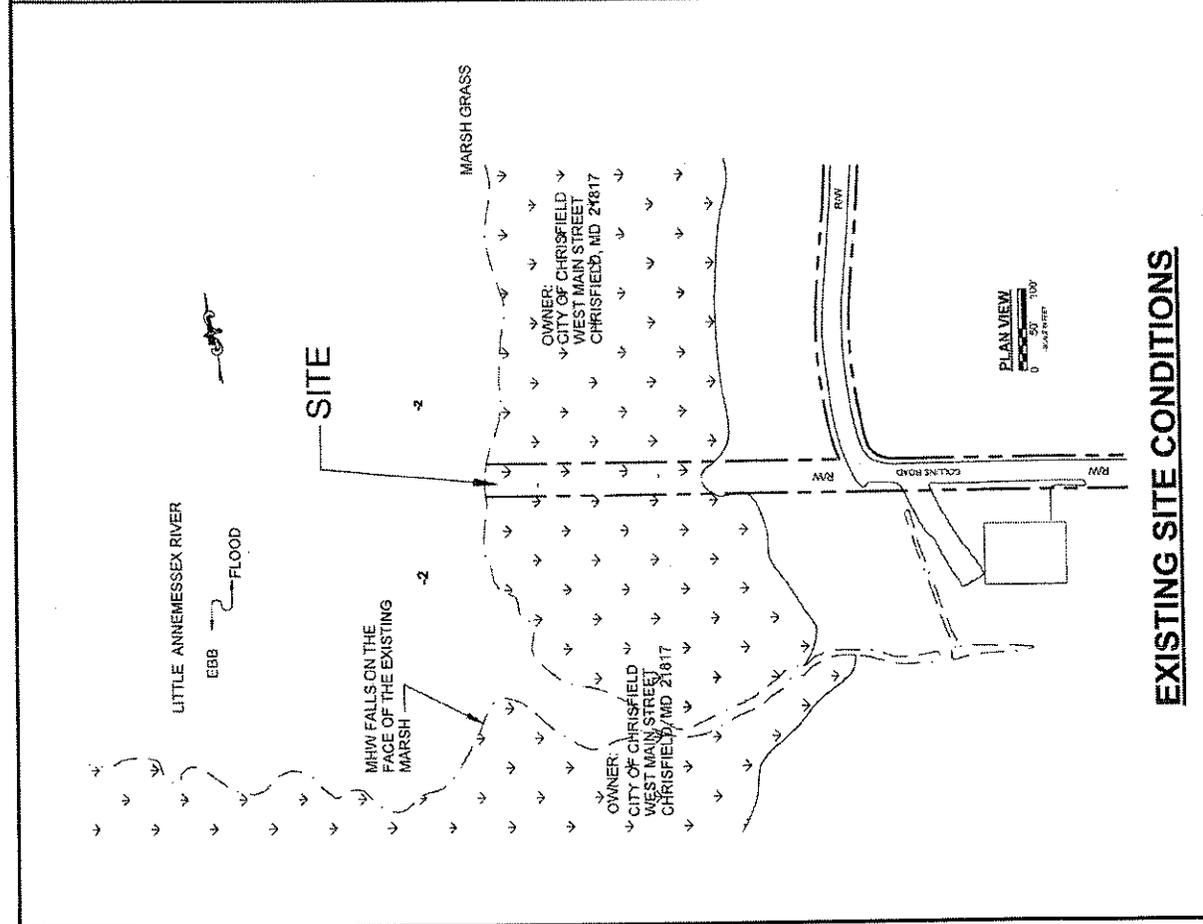
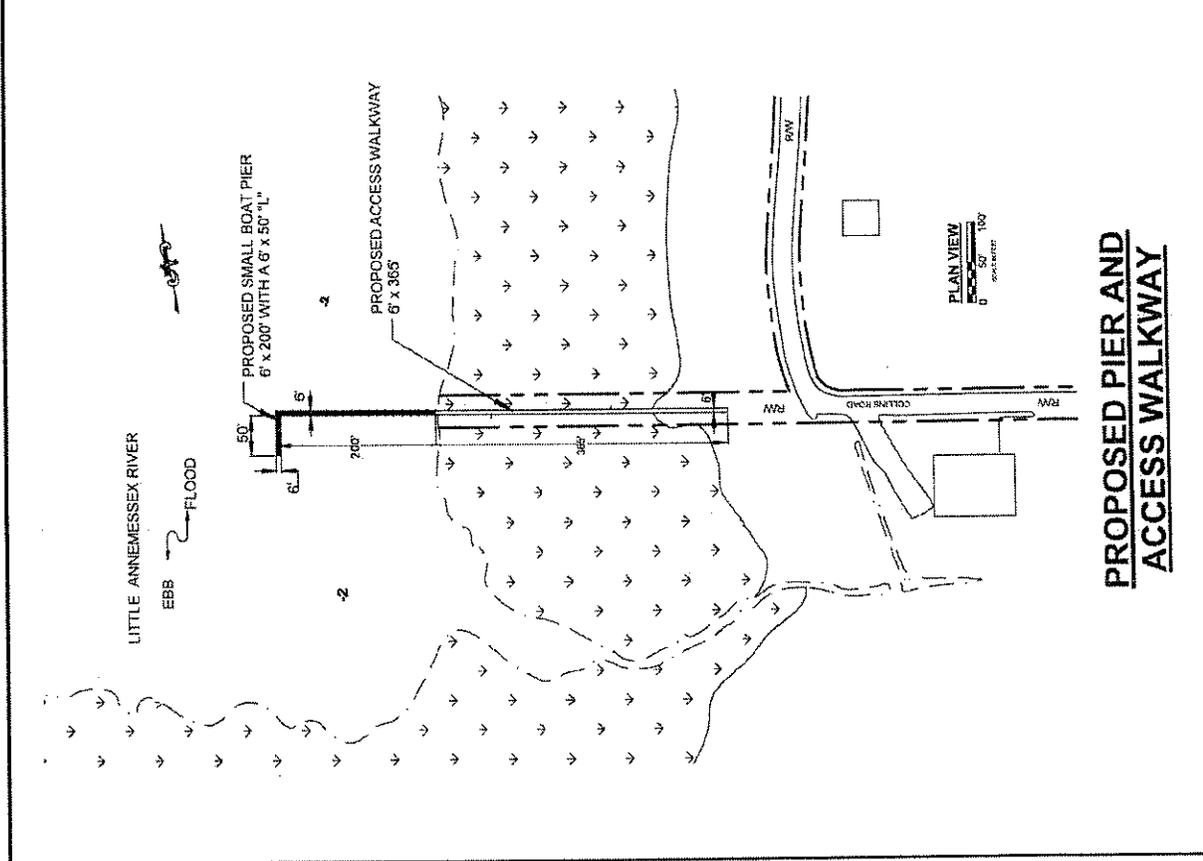
303 W. MAIN STREET • CRISFIELD, MARYLAND 21817 • (410) 984-1283

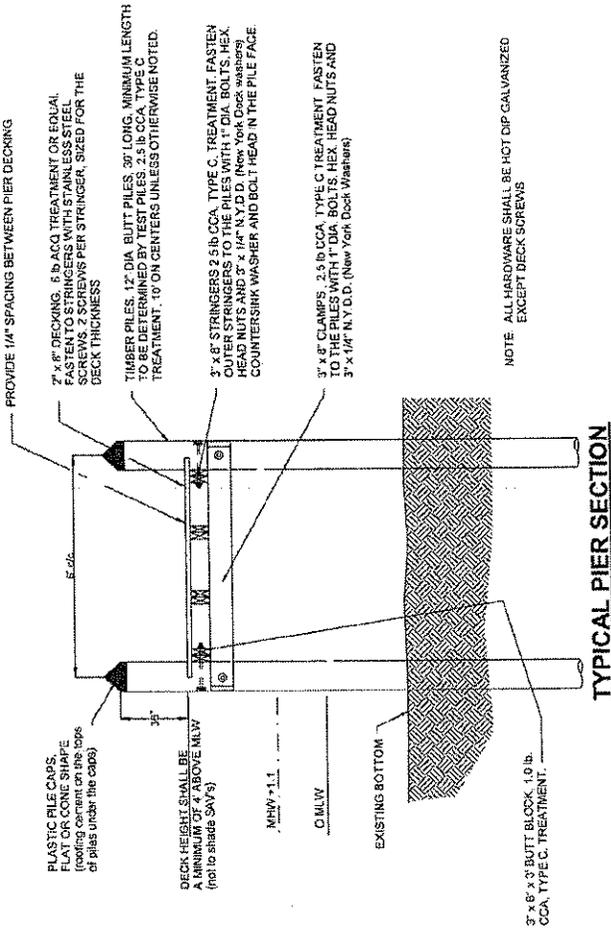
COLLINS STREET PIER
AND ACCESS WALKWAY

TAX MAP #101 GRID B PARCEL 1778 SUBDIVISION 000
2075 P.W. WELINGTON RD. WATERFRONT CRISFIELD, P.O. B4 P4 21817
COLLINS STREET END CRISFIELD, MD

TITLE SHEET
LOCATION MAPS
SYMBOLS

DATE
MAY 2017
T-1

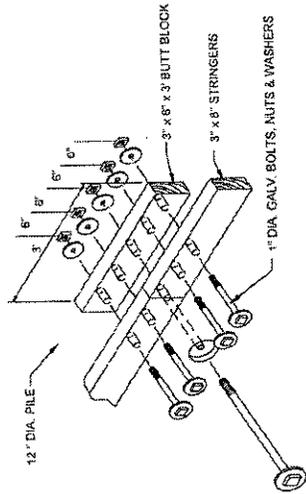
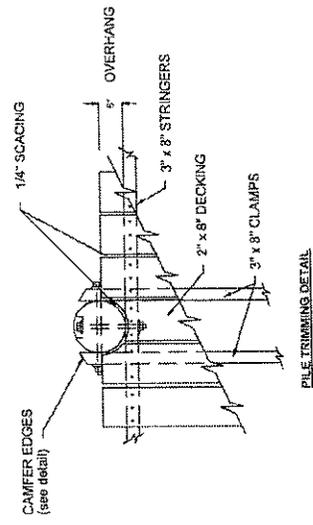
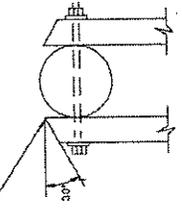




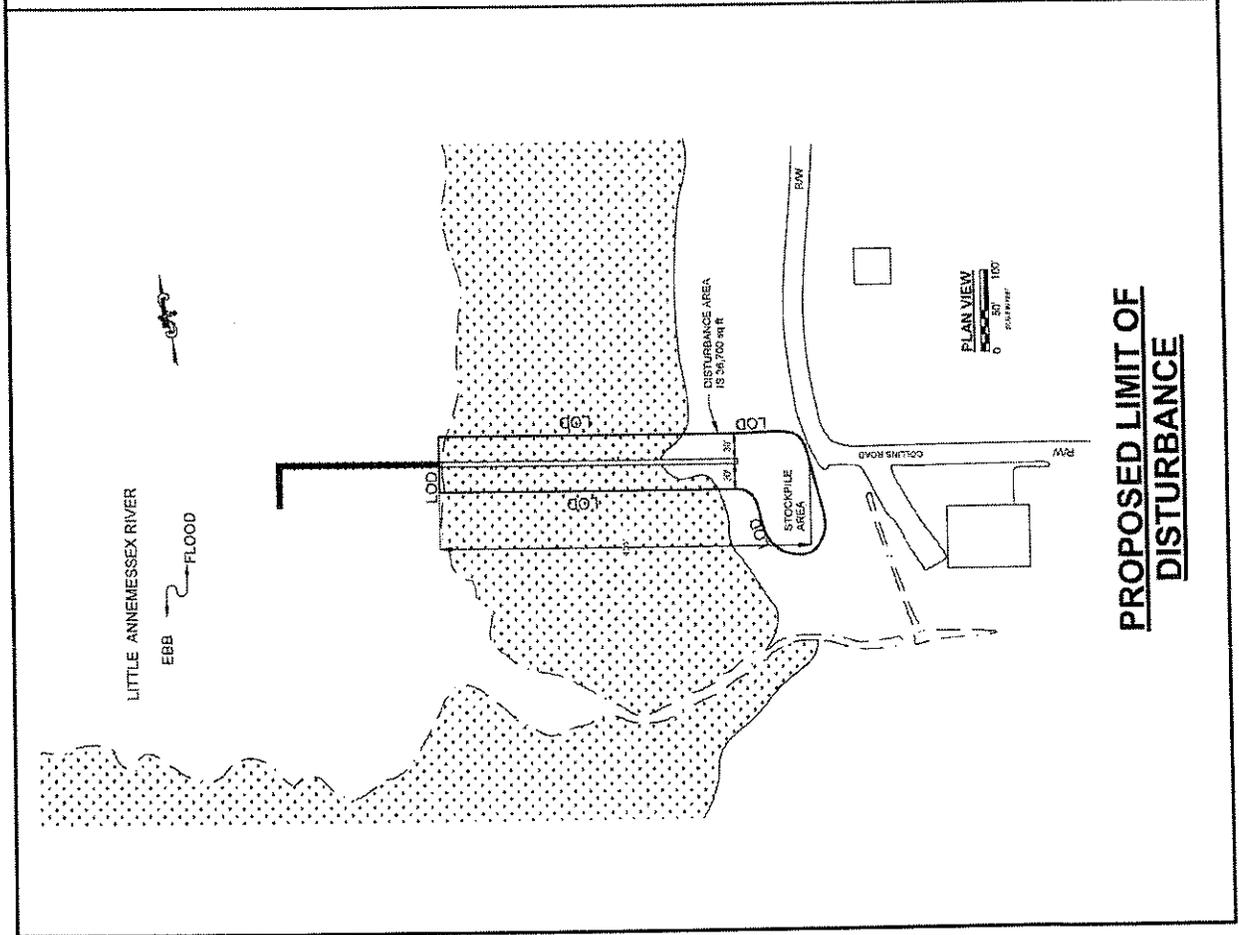
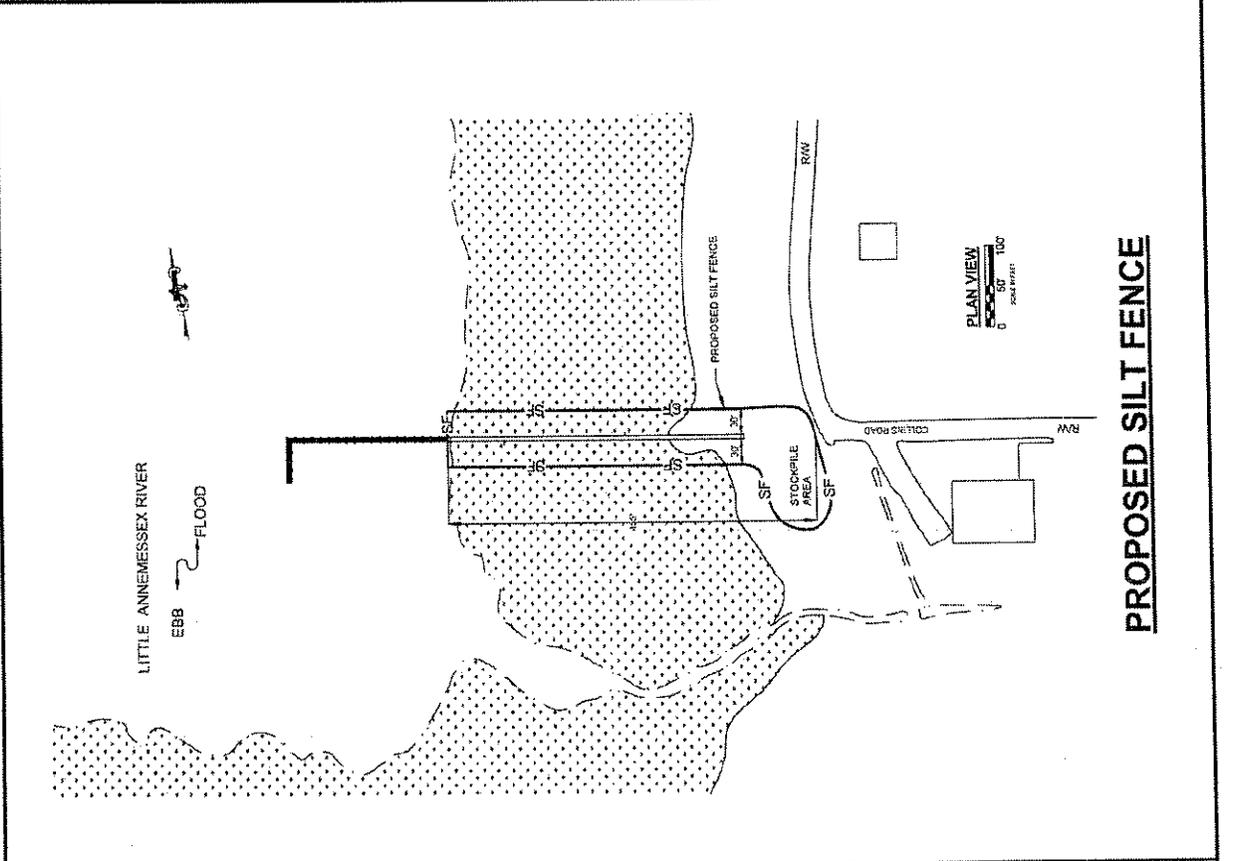
TYPICAL PIER SECTION (N.T.S.)

NOTE: ALL HARDWARE SHALL BE HOT DIP GALVANIZED EXCEPT DECK SCREWS

TRIM ALL EXPOSED ENDS OF THE CLAMPS AS SHOWN



PROPOSED PIER DETAILS



END SECTION FOUR

SECTION FIVE

5.0 PROPOSAL CONTENT:

Bidders shall ensure that all information required herein is submitted with the proposal. All information provided should be verifiable by documentation requested by the City. Failure to provide all information, inaccuracy or misstatement may be sufficient cause for rejection of the proposal or rescission of an award. Bidders are encouraged to provide any additional information describing operational abilities. Responses to each requirement below should be in order and clearly marked with the section number to which they respond.

5.1 Business Profile:

5.1.1 No financial statements are required to be submitted with your proposals, however, prior to an award the City may request financial statements from your company, credit reports and letters from your bank and suppliers.

5.1.2 Please submit with your proposal a detailed history and description of your company and any published reports about your company. Include the overall understanding of the project objectives, detailed scope of services, qualifications package, including resumes of project staff and their role in the project, firm experience over the past ten (10) years of similar nature, and cost of services including expected hours and rate for construction inspection and project management services.

5.2 Pricing: The bid shall be in the form of a fixed price for the engineering services being proposed and hourly rates for inspection and project management services. Charges not specified in the bid will not be honored. **Note: Applicable to the Primary and Secondary Contractor.**

5.3 Secondary Contractor: If you are not selected as the Primary Contractor, would you be willing to be the Secondary Contractor? _____

5.4 Payment Method: Payment will be made by check.

5.6 References: A list of three references is required to be submitted with your proposal.

Provide company names with contact person and telephone number.

Company Name: _____ Contact: _____

Address: _____

City: _____ State: _____ Zip Code: _____ Phone: _____

END SECTION FIVE

BID FORM

CITY OF CRISFIELD

CONSTRUCTION OF COLLINS STREET WALKWAY & PIER

RFP #101-280 (Due July 9, 2013)

I have reviewed the drawings and specifications for the consrucgion of a wood access walkway 6' wide and 465' long over an existing marsh and install a wood pier 6' wide and 200' long with a 6' wide x 50' long "L" end section, located at the street end of Collins Street, City of Crisfield, Somerset County, Maryland.

I propose to complete the work as outlined in the specifications:

<u>Item</u>	<u>Price</u>
Install 365-foot long by 6-foot wide walkway	\$ _____
Install a 200' long by 6 foot pier with a 50' long by 6-foot wide "L" end section	\$ _____
TOTAL COST	\$ _____

I acknowledge receipt of all addendums ____ Yes ____ No

Proposed completion date _____ (from notice to proceed)

BID FORM MUST BE SIGNED TO BE CONSIDERED

DATE: _____

SIGNATURE: _____

NAME: _____

COMPANY: _____

PHONE: _____

EMAIL: _____