



# *Town of Summerville*

## **JESSEN BOAT LANDING FISHING ACCESS REHABILITATION SPECIFICATIONS**

Town of Summerville  
Parks & Recreation Department  
Final Bid Copy – A

Prepared by Doyle Best  
Parks & Recreation Manager

# CALL FOR BID

Sealed bids will be received by the Town of Summerville until 2:00 pm on Friday, February 20, 2015, at which time the sealed bids will be publicly opened and read. Opening will be held in the 2<sup>nd</sup> floor training room located at Summerville Town Hall Administrative Offices Building, 200 S. Main St. Summerville, SC 29483

There will be a **MANDATORY** pre-bid meeting held at 11:00 AM on Friday, February 13, 2015. Prospective bidders shall meet at the Herbert H. Jessen Boat Landing located at 4820 Ladson Road Extension.

Bids will be for the purpose of rehabilitation of the fishing access at the boat landing. A copy of the instructions to bidders and specifications are included in this package.

The Town of Summerville reserves the right to reject any and all bids, to waive all formalities and to award the contract, as it appears to be in the best interest of the Town of Summerville. The right is also reserved to hold any and all bids for a period not exceeding sixty days (60) days from the opening thereof.

Questions concerning the enclosed specifications may be directed to:

Doyle Best, Manager  
Town of Summerville  
Parks & Recreation  
(843)851-5211

All bids must be sealed and submitted to:

Doyle Best  
Town of Summerville  
200 South Main Street  
Summerville, SC 29483

With the package marked as **"FISHING ACCESS REHABILITATION."**

## GENERAL PROVISIONS/INSTRUCTIONS TO BIDDERS

1. Bids, amendments or withdrawal requests must be received by the time advertised for bid opening to be timely filed. It is the Bidder's sole responsibility to ensure that all required bid documents are received by the Town at the time indicated in this solicitation document. Any withdrawal request received after the time of bid opening must have proper approval of the Town Engineer and Purchasing Agent.
2. Bidders must clearly mark as "**Confidential**" each part of their bid which they consider to be proprietary information that could be exempt from disclosure under section 30-4-40, Code of Laws of South Carolina, 1976 (1986 Cum. Supp.) (Freedom of Information Act). If any part is designated as confidential, there must be attached to that part, an explanation of how this information fits within one or more categories listed in section 30-4-40. The Town reserves the right to determine whether this information should be exempt from disclosure and no legal action may be brought against the Town, or its agents, for its determination in this regard.
3. By submission of a bid, the Bidder guarantees that all goods and services meet the requirements of the solicitation during the contract period.
4. The Town reserves the right to award this solicitation by line item, by lot or by total using the award method that is in the best interest of the Town, unless stated otherwise elsewhere in this solicitation.
5. All amendments to and interpretations of this solicitation shall be in writing and issued by the Parks & Recreation Manager and/or Purchasing Agent. The Town shall not be legally bound by any amendment or interpretation that is not in writing.
6. All Addendum and Award Notices will be posted on the Town's website: [www.summerville.sc.us](http://www.summerville.sc.us), under the Formal Sealed Bids/Proposal/Quotes menu.
7. Drug Free Workplace: (Note: This clause applies to any resultant contract of \$50,000.00 or more.) The State of South Carolina has amended Title 44, Code of Laws of South Carolina, 1976, relating to health, by adding Chapter 107, so as to enact the Drug Free Workplace Act. (See Act. No. 593, 1990 Acts and Joint Resolutions). By submission of a signed solicitation, you are certifying that you will comply with this act. (See Section 44-107-30).

8. This solicitation is intended to promote full and open competition. If any language, specifications, terms and conditions or any combination thereof restricts or limits the requirements in this solicitation to a single source, it shall be the responsibility of the interested Bidder to notify the Town, in writing, no later than five (5) business days prior to the scheduled due date and time.
9. The Town reserves the right to waive any Instruction to Bidders, General or Special Provisions, General or Special Conditions or specifications deviation if deemed to be in the best interest of the Town.
11. Default: In case of default by the Contractor, the Town reserves the right to purchase any or all items in default in the open market, charging the Contractor with any excessive costs. Should such charge be assessed, no subsequent response will be accepted from the defaulting Contractor until the assessed charge has been satisfied.
12. Price Condition: All prices shall be firm-fixed type, unless stated otherwise. Also, all submitted responses shall remain effective for a minimum period of ninety (90) calendar days.
13. Response Form: All responses shall be printed in ink or typewritten. When required, additional pages may be attached.

A "No Response" qualifies as a response; however, it is the responsibility of the Bidder to notify the Purchasing Agent if he receives solicitations that do not apply.

14. Response Period: All responses shall be good for a minimum period of sixty(60) calendar days.
15. Response Withdrawal: Any responses may be withdrawn prior to the established closing date and time, but not thereafter, without proper approval from the Town Engineer and Purchasing Agent.
16. Bidders' Qualifications: The Town reserves the right to request satisfactory evidence of the Bidder's ability to furnish services in accordance with the terms and conditions listed herein. The Town further reserves the right to make the final determination as to the Bidder's ability to provide said services.
17. Insurance Requirements: The Contractor shall not commence work under this bid until he has obtained all insurance listed within this section and the designated Town Official and Town Attorney have approved such insurance

coverage. Insurance certificates are required from the General Contractor, service providers and all subcontractors performing work on the project.

**WORKER'S COMPENSATION INSURANCE:** The Contractor shall provide and maintain during the life of this contract, the statutory Workers Compensation Insurance of \$1,000,000 as required by all applicable Federal, State, Maritime or other laws including Employers Liability for all of his employees to be engaged in work on the project under this contract, and in case any such work is sublet, the Contractor shall require the subcontractor similarly to provide Statutory Workmen's Compensation and Employer's Liability Insurance of \$1,000,000 for all of the latter's employees to be engaged in such work. The requirements for Worker's Compensation Insurance coverage will not be waived.

**LIABILITY INSURANCE:** The Contractor shall provide and maintain during the performance of work under this Bid, General Liability and Property Damage insurance in the following amounts, to protect himself, his agents and his employees from claims for damage for personal injury, including wrongful and accidental death and property damage which may arise from operations under this bid, whether such operations be performed by himself or his employees.

GENERAL LIABILITY \$1,000,000/Person and \$1,000,000/Occurrence

PROPERTY DAMAGE \$1,000,000/Occurrence

AGGREGATE \$2,000,000

**COMPREHENSIVE AUTOMOBILE LIABILITY.** The Contractor shall provide and maintain during the performance of work under this bid, Comprehensive Automobile Liability Insurance, including protection for liability arising out of owned, non-owned and hired vehicles. The policy

shall be extended to provide contractual coverage for the Hold Harmless Agreement, which is part of these Instructions to Bidders. The limits of liability shall be as follows:

BODILY INJURY \$1,000,000 Per Person/\$1,000,000 Each Occurrence

PROPERTY DAMAGE \$1,000,000 each Occurrence

**EXCESS OR UMBRELLA LIABILITY** with a limit of not less than \$1,000,000 per occurrence and \$2,000,000 aggregate.

Said insurance shall be written by a company or companies approved to do business in the state of South Carolina and acceptable to the Town. Before commencing any work hereunder, certificates evidencing the maintenance of said insurance shall be furnished to the Town.

The Town, its officials, employees and volunteers are to be covered as additional insured's as respects: liability arising out of activities performed by or on behalf of the Contractor, including the insured's general supervision of the contract; products and completed operations of the Contractor; premises owned, occupied or used by the Contractor; or automobiles owned, leased, hired or borrowed by the Contractor. The coverage shall contain no special limitations on the scope of protection afforded to the Town, its officials, employees or volunteers and it shall be stated on the Insurance Certificate with the provision that this coverage is primary to all other coverage the Town may possess.

Each insurance required by the Town shall be endorsed to state that coverage shall not be suspended, voided, cancelled by either party or reduced in coverage or in limits, except after thirty (30) days prior written notice has been given to the Town.

All certificates and endorsements must be received and approved by the Town within five (5) days after notification of the project award. It is required that the Town's Purchasing Agent receives an **original** certificate of insurance. Faxed copies are not acceptable. If you have any questions, please call 843-851-4205.

The Town shall withhold payments to the Contractor if the required certificates of insurance and endorsements are canceled or if the Contractor otherwise ceases to be insured as required herein.

18. Town Business License: The successful Contractor and any subcontractors, prior to execution of the contract, must possess or obtain a Town Business License. Such license must be maintained throughout the duration of the contract. Contact Marion Falcon at (843) 851-4215 to determine the exact amount or to ask other pertinent questions regarding doing business within the Town.
19. Bidders' Responsibility: Each bidder shall fully acquaint himself with conditions relating to the scope and restrictions relevant to the execution of the work outlined in this bid solicitation. It is expected that this will sometimes require on-site observation. The failure or omission of a bidder to acquaint himself with existing conditions shall in no way relieve him of any obligation with respect to this bid or to the awarded contract.

20. Exceptions and Deviations: Any bid that does not meet the specifications and design criteria must be accompanied by documentation identifying and justifying all exceptions and deviations.
21. Governing Laws: The laws of South Carolina shall govern this Agreement. All litigation arising under said Agreement shall be litigated only in a Circuit court for the First Judicial Circuit of Dorchester County, St. George, South Carolina. The prevailing party shall be entitled to attorney's fees and the cost of said litigation.
22. 7 % S. C. Sales Tax: Shall be added to the purchase order resulting from this solicitation. However, lump sum bid responses shall **include** all applicable taxes as a separate line item.
23. Prompt Payment Discount Terms: Prompt payment discount terms will be calculated from the point of complete order acceptance for services and/or commodities ordered.
24. "Or Approved Equal": Certain processes, types of equipment or kinds of material are described in the specifications and/or on the drawings by means of trade/brand names and catalog numbers. In each instance where this occurs, it is understood and inferred that such description is followed by the words "or approved equal". Such method of description is intended merely as a means of establishing a standard of comparability. However, the Town reserves the right to select the items that, in its judgment, are best suited to its needs based on price, quality, service, availability and other relative factors. Bidders must indicate brand name, model, model number, size, type, weight, color, etc. of the item bid if not exactly the same as the item specified. The Vendor's stock number or catalog number is not sufficient to meet this requirement.
25. Award Process: The Town shall select the most competitive response on the terms which are considered to be most advantageous for the Town. However, final approval may rest with members of Town Council.
26. Rejection: The Town of Summerville reserves the right to reject any bid that contains prices for individual items or services that are unreasonable when compared with the same or other bids if such action is in the best interest of the Town.
27. Correction of Errors on This Bid Form: All prices and notations should be printed in ink or typewritten. Errors should be crossed out and any corrections entered and initialed by the person signing the bid. Erasures or use of typewriter correction fluid may be cause for rejection. No bid shall be altered or amended after the specified time for bid opening.
28. Non-Appropriation: If Summerville Town Council fails to appropriate or authorize the expenditure of sufficient funds to provide for the continuation of this contract or if a lawful order issued in, or for any fiscal year during the term of the contract, reduces the funds appropriated or authorized in such amounts as

to preclude making the payments set out therein, the contract shall terminate on the date said funds are no longer available without any termination charges or other liability incurring to the Town.

29. Force Majeure: The Contractor shall not be liable for any excess costs if the failure to perform the contract arises out of causes beyond the control and without fault or negligence of the Contractor. Such causes may include, but are not restricted to, acts of God or of the public enemy, acts of the Government in either its sovereign or contractual capacity, fires, floods, epidemics, quarantine restrictions, strikes, freight embargoes, and unusually severe weather; but, in every case, the failure to perform must be beyond the control and without the fault or negligence of the Contractor. If the failure to perform is caused by default of a Sub-Contractor, and if such default arises out of causes beyond the control of both the Contractor and Sub-Contractor and without excess costs for failure to perform, unless the supplies or services to be furnished by the Sub-Contractor were obtainable from other sources in sufficient time to permit the Contractor to meet the required delivery schedule.
30. Arbitration: Under no circumstances and with no exception will the Town act as an Arbitrator between the Contractor and any Sub-Contractor.
31. Indemnification: The Town, its officials and employees shall be held harmless from liability from any claims, damages and actions of any nature arising from the use of any materials furnished by the Contractor, provided that such liability is not attributable to negligence on the part of the Town or failure of the Town to use the materials in the manner outlined by the Contractor in descriptive literature or specifications submitted with the Contractor's bid.
32. Guarantee: The Vendor/Contractor shall state his normal warranty and any extended warranties where available.
33. Save Harmless: (This General Condition **Does Not** Apply to Solicitations for Service Requirements). The successful bidder shall indemnify and save harmless the Town and its officials and employees from all suits or claims of any character brought by reason of infringing on any patent, trademark or copyright. The Bidder shall have no liability to the Town if such patent, trademark or copyright infringement or claim is based upon the Bidder's use of material furnished to the Bidder by the Town.
34. Publicity Releases: The Contractor agrees not to refer to award of this contract in commercial advertising in such a manner as to state or imply that the products or services provided are endorsed or preferred by the Town.
35. Quality of Products: (This General Condition **Does Not** Apply to Solicitations for Printing or Service Requirements). Unless otherwise indicated in this bid it is understood and agreed that any item offered or shipped on this bid shall be new and in first class condition, that all containers shall be new and suitable for storage or shipment and that prices include standard commercial packaging.

36. S.C. Law Clause: Upon award of a contract under this bid, the person, partnership, association, or corporation to whom the award is made must comply with the laws of South Carolina which require such person or entity to be authorized and/or licensed to do business in this state. Notwithstanding the fact that applicable statutes may exempt or exclude the successful bidder from requirements that it be authorized and/or licensed to do business in this state, by submission of this signed bid, the bidder agrees to subject himself to the jurisdiction and process of the courts of the State of South Carolina as to all matters and disputes arising or to arise under the contract and the performance thereof, including any questions as to the liability for taxes, licenses or fees levied by the State.
37. Termination: Subject to the provision below, the contract may be terminated for any reason by the Town, provided a thirty (30) day advance notice in writing is given to the Contractor.
- a. Termination For Convenience: In the event that this contract is terminated or cancelled upon request and for the convenience of the Town without the required thirty (30) days advance written notice, then the Town may negotiate reasonable termination costs, if applicable.
- b. Termination For Cause: Termination by the Town for cause, default or negligence on the part of the Contractor shall be excluded from the foregoing provisions; termination costs, if any, shall not apply. The thirty (30) days advance notice requirement is waived and the default provision in this bid shall apply. (See General Provisions #1 - Default)
38. Assignment: No contract or its provisions may be assigned, sublet or transferred without the written consent of authorized Town officials or employees.
39. Item Substitution: (This General Condition **Does Not** Apply To Solicitations For Printing or Service Requirements). No substitutes will be allowed on an issued purchase order without permission from the Town.
40. Restriction/Limitations: No purchases are to be made from this contract of any item that is not listed or of any item that is currently authorized under any contract awarded prior to this contract.
41. Purchases From Other Sources: (This General Condition **Does Not** Apply To Solicitations For Printing or Service Requirements). The Town reserves the right to bid separately any unusual requirements or large quantities of the items specified in the proposed contract.
42. Gratuities and Kickbacks
- a. Gratuities: It shall be unethical for any person to offer, give or agree to give any employee or former employee, or for any employee or former employee to solicit, demand, accept or agree to accept from another person a gratuity or

an offer of employment in connection with any decision, approval, disapproval, recommendation, preparation or any part of a program requirement or a purchase request, influencing the content of any specification or procurement standard, rendering of advice, investigation, auditing, or in any other advisory capacity in any proceeding or application, request for ruling, determination, claim or controversy, or other particular matter pertaining to any program requirement of a contract or subcontract, or to any solicitation or proposal therefore.

Kickbacks: It shall be unethical for any payment, gratuity or offer of employment to be made by or on behalf of a subcontractor under a contract to the prime contractor, or to hire any subcontractor, or any person associated therewith, as an inducement for the award of a subcontract or order.

**Intent**

The intent of this scope of work and these specifications is to cover the requirements of **Fishing Access Rehabilitation at Jessen Boat Landing.**

Each bidder must initial each page of the scope of work, material specifications, and site drawings [eight (8) pages total]. If the page is initialed, the bidder will be expected to supply exactly what is described. If the bidder wishes to deviate from what is presented, please strike through the deviation and provide a detail explanation of the deviation, no matter how minor it may be. If the bidder fails to initial every page, the bid will be rejected for non-compliance.

The Town of Summerville reserves the right to reject any and all bids, to waive all formalities and to award the contract, as it appears to be in the best interest of the Town of Summerville. The right is also reserved to hold any and all bids for a period not exceeding sixty days (60) days from the opening thereof.

All bidders must show proof of liability insurance of one million dollars at time of bid, including workers compensation coverage.

# Herbert H. Jessen Boat Landing Fishing Access Rehabilitation

Dorchester County, Ashley River

## Scope of Work

Remove all existing deck boards, handrail boards (rails and caps) and all stringers.

Replace all boards removed with new lumber of the same size and secure in place with like hardware. All old lumber, hardware and debris shall be removed from the site and properly disposed of when the project is complete.

The new bottom handrail board shall be raised 2" above the decking boards.

All timber bents (or) caps that are found to be unlevel where the piles have settled downward shall be unfastened and new ones reattached level with the higher side. Existing handrail height off the top of the decking will need to be maintained throughout the project. A new section of handrail post of the same size can be scabbed onto the existing handrail post to meet the handrail height measurement or, a secure shimming under handrail cap will be allowed if 2 inches or less, but the top rail shall be rigidly attached in place. All scabs shall be through bolted in place with at least (3) 1/2" Galvanized through bolts with washers each end and lapped 6 inches at the joint.

All existing bents (or) caps that remain in place shall be inspected by tapping with a hammer to see if any rot is present and replaced if needed. Those that are removed for leveling shall be replaced with new caps of like size. All stringers shall be toe-nailed onto each pile bent (or) cap or, attached with twist straps.

All handrail caps and decking boards shall be placed bark side up.

Access to the work area will be by use of the existing foot trails from the parking area, accessible on both ends of the wooden structure or from the water.

All existing hardware shall be replaced with new of the same size and length at each connection. Hardware is to be either hot dipped galvanized or stainless steel (or) of type compatible with the type of wood preserving. All boards shall be fastened in place prior to bolting with either screws or nails suitable for use in the treated wood.

All lumber specified for treatment shall be treated to the requirements of the American Wood Preservers Bureau AWPB LP-22. Certification of treatment and grade of lumber must be provided to the Owner. Preservative treatment of timber shall provide a minimum 2.50 Chlorinated Copper Arsenate (CCA) protection of 2.5 lbs/C.F. for all timber below the decking. Preservative treatment of all timber above the stringers shall provide a minimum of 0.60 ACQ (Alkaline Copper Quaternary) 0.60 lbs/C.F. All treatment shall conform to AWPA standard MPL- (Latest Revision) for softwood lumber. See Specifications attached.

All work shall be done in accordance with the Owner's Contract Documents and/or Procurement Documents or Procedures. Once work begins it shall be followed through on a continued basis until completed, weather allowing. No open areas shall be left unattended within the handrail or decking areas at any time.

All existing cross braces shall be inspected by tapping with a hammer to see if any rot is present and replaced where needed.

The contractor shall take the necessary precautions to protect the public from the work area at all times. Portions of the fishing access walkway may be closed off to pedestrians by nailing boards across the handrails if approved by the Owner (or) otherwise as directed by the Owner.

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**SECTION 1100 – FIXED WOODEN DOCKS**

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**PART 1 – GENERAL**

## 1.01 DESCRIPTION

The work under this section includes the furnishing of all requirement, materials, appurtenances and labor necessary in the construction of docks and piers as indicated on the drawings including, but not limited to, the following:

- A. Installation of timberwork including boardwalks, decking, posts, pile caps, miscellaneous framing and special fittings.
- B. Installation of all hardware including fasteners, nails, clips, bolts and accessories.

## 1.02 SUBMITTALS AND CERTIFICATIONS

Timber bearing the AWWA Quality mark, in accordance with the specified standards, will be acceptable for preservation treatment.

## 1.03 DELIVERY AND STORAGE

Close-stack treated timber and lumber material in a manner that will prevent long timbers or preframed material from sagging or becoming crooked or warped. Protect all materials from weather using suitable coverings.

**PART 2 - PRODUCTS AND MATERIALS**

## 2.01 LUMBER AND TIMBERS

A. Solid Sawn: Provide solid sawn lumber and timber, No. 1 – KDAT. Southern Pine, identified by the grade mark of a recognized association or independent inspection agency that is certified by the Board of Review, American Lumber Standards Committee. All wood shall comply with American Softwood Lumber Standards PS-2070.

B. Preservative Timber. All lumber specified for treatment shall be treated to the requirements of American Wood Preservers Bureau AWPB LP-22. Certification of treatment and grade of lumber must be provided to the Owner. Preservative treatment of timber shall provide a minimum 2.50 Chlorinated Copper Arsenate (CCA) protection of 2.50 lbs./C.F for all timber **below the decking**. Preservative treatment of all **timber above the stringers** shall provide a minimum of 0.60 ACQ (Alkaline Copper Quaternary) 0.60 lbs./C.F. All treatment shall conform to AWWA standard MPL-(Latest Revision) for softwood lumber.

## 2.02 FASTENERS AND HARDWARE

Hardware shall include bolts with necessary nuts and washers, nails screws and other metal fastener devices. Bolts and nuts shall conform to ASTM A153 and shall be galvanized by the hot-dip process in accordance with ASTM-653 (or) stainless steel.

## PART 3 - EXECUTION

### 3.01 SAFETY

Provide protective equipment for all persons fabricating, field treating or handling materials with preservative treatment of chlorinated copper arsenate (CCA).

### 3.02 FABRICATION AND ERECTION

#### 3.02.1 Framing

Cut and frame all lumber so those joints will fit uniformly over contact surface. Secure timbers and piles in alignment. No shimming will be permitted in making joints. Open joints are unacceptable. Bore holes for bolts with a bit 1/16 inch larger in diameter than the rod or bolt. Bore holes for lag screws in two parts. Lead hole for the shank shall have the same diameter as the shank. Lead hole for the threaded portion shall have a diameter equal to approximately two-thirds of the spikes with a bit of the same diameter or smallest dimension of the spike to prevent splitting. Counterbore for countersinking wherever smooth faces are indicated or specified.

#### 3.02.2 Bracing

Align bents before bracing is placed. Provide bracing of sufficient length. Bracing and girts shall bear firmly against piles or timber to which secured. Place fillers to avoid bending the bracing more than one inch out of line when bracing, bolts or the fastening are drawn up tight. Built-up fillers will not be permitted. Each filler shall be a single piece of treated lumber like that in brace with width of not less than 6 inches and a length of not less than 12 inches. Bolt ends of bracing through the pile post, or cap with a bolt of not less than 5/8 inch diameter. Place bolts in the center of the pile or post.

#### 3.02.3 Caps

Place timber caps to secure bearing over tops of supporting posts or piles and to secure an even alignment of their ends. Secure caps by bolts of not less than 5/8 inch diameter. Place bolts in the center of the pile or post.

#### 3.02.4 Stringers

Place the better edge of deck stringers down. Top of stringers shall not vary from a plane more than will permit bearing of the floor on all stringers. Butt joint and splice outside stringers, but lap interior stringers to take bearing over full width of cap or floor beam at each end. Break joints if stringers over two spans. Connect stringers to cap/joists at all points of contact using stainless steel hurricane twist straps with stainless steel nails as indicated on the drawings (a minimum of two straps per stringer, alternate sides). Stringers may be of sufficient length to cover two spans, except on sharp horizontal curves. Between stringers, frame and nail solid-bridging at each end with at least four nails for solid-bridging. Size and spacing of bridging shall be as indicated.

#### 3.02.5 Decking

Make decking of a single thickness of plank supported by stringers or joists. Unless otherwise indicated, lay plank with heart side down (bark side up) butting each plank together. Spike each plank to each joist or nailing strip with not less than two nails per joist. Cut off ends of plank on a line parallel to the centerline of the pier. Grade planks as to thickness and lay so that adjacent planks vary no more than 1/16 inch.

### 3.02.6 Handrails

Where handrails are required they are to be parallel to the pier. All splices must center at vertical supports and must butt firmly together. No shimming will be permitted in making joints. Open joints are unacceptable. Cap boards are to be nailed with a maximum of 2 foot spacing to top face board with a 16 P nails and nailed a minimum of once at the center of vertical supports with a 30 P nail. At all joints both ends of caps are to be nailed to vertical support. All face boards are to be parallel to each other and will be nailed along with required bolts to each vertical support.

### 3.02.7 Fastening

Use washers of the size and type specified under all bolt heads and nuts in contact with wood. Burr threads of all bolts after nuts have been finally tightened. Vertical bolts shall have nuts on the lower end. Where bolts are used to fasten timber to timbers, bolt members together when they are installed and retighten immediately prior to final acceptance of the contract. All bolts shall have sufficient additional threading to provide at least 3/8 inch per foot thickness of timber for future retightening.

## 3.03 FIELD TREATMENT

### 3.03.1 Timber Work

Field treat all cuts in treated piles or timbers and all abrasions in accordance with AWWA M4. Trim all cuts and abrasions before field treatment. Paint all depressions or openings around bolt holes, joints, or daps including recesses formed by counterboring, with preservative treatment used for piles or timber, and after the bolt or screw is in place, fill with hot pitch or a bitumastic compound.

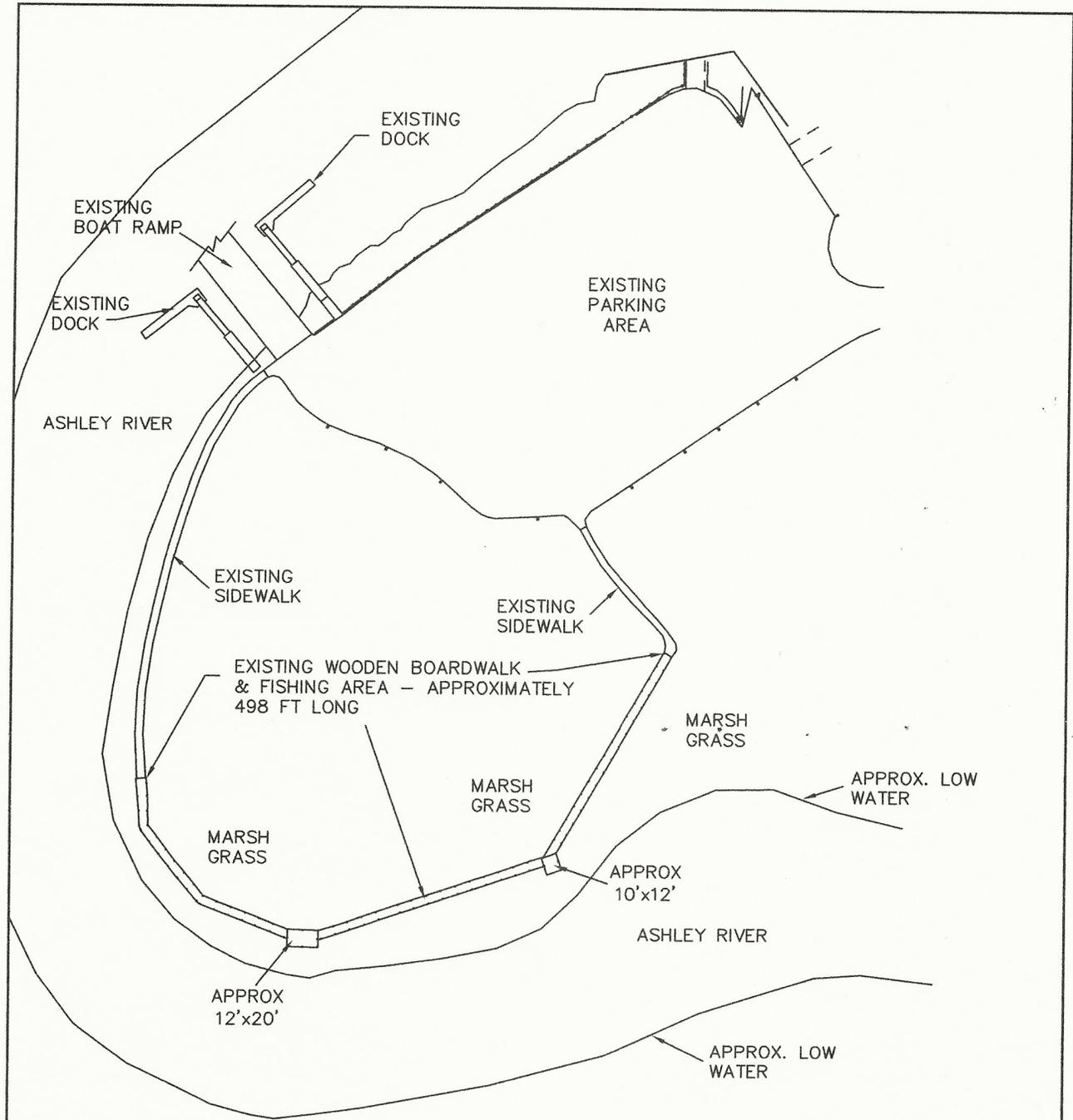
### 3.03.2 Galvanized Surfaces

Repair and recoat zinc coating which has been field or shop cut, burned by welding, abraded, or otherwise damages to such an extent as to expose the base metal. Thoroughly clean the damage area by wire brushing and remove all traces of welding flux and loose or cracked zinc coating prior to painting. Paint cleaned area with two coats of zinc oxide-zinc dust paint conforming to Mil. Spec. DOD-P-21035. Compound paint with a suitable vehicle in the ratio of one part zinc oxide to four parts dust by weight.

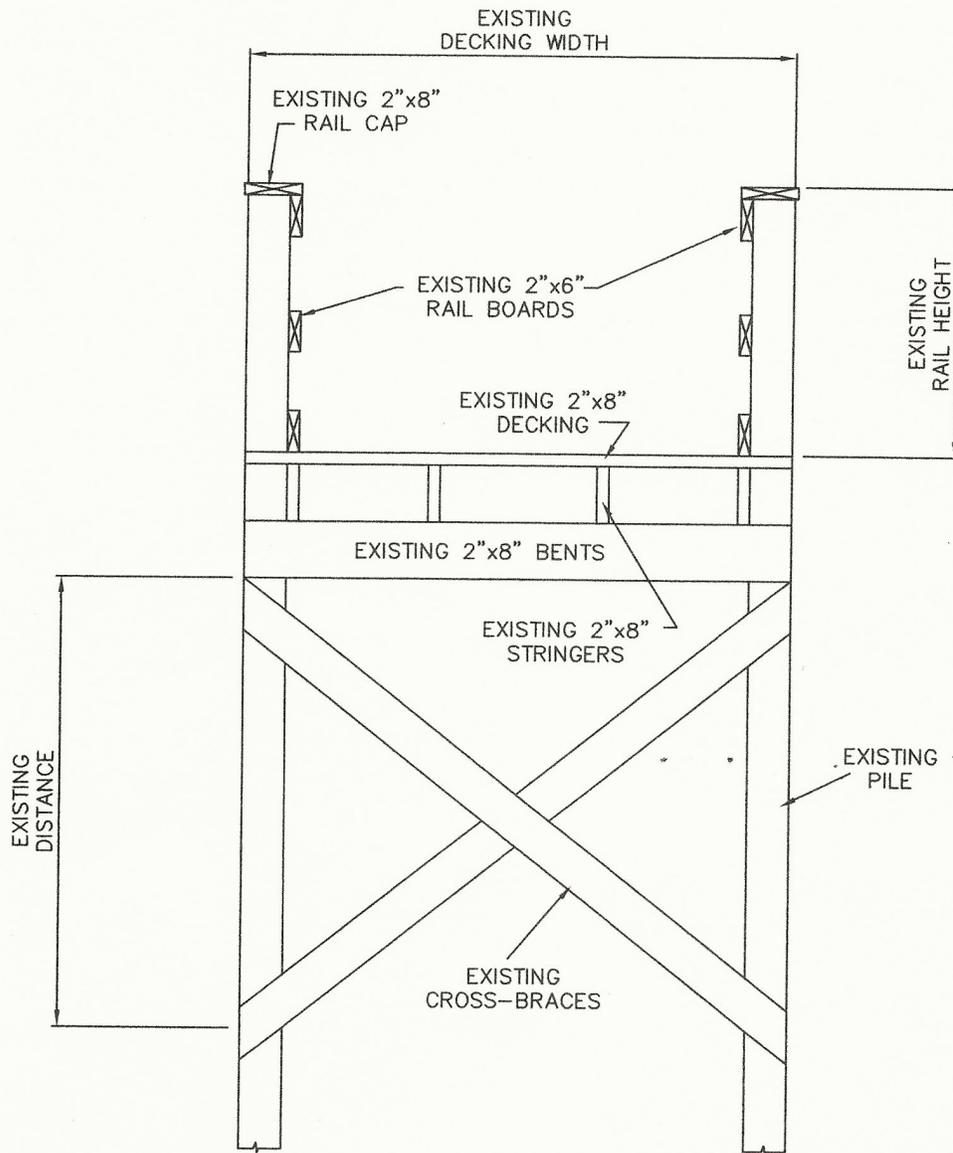
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END OF SECTION

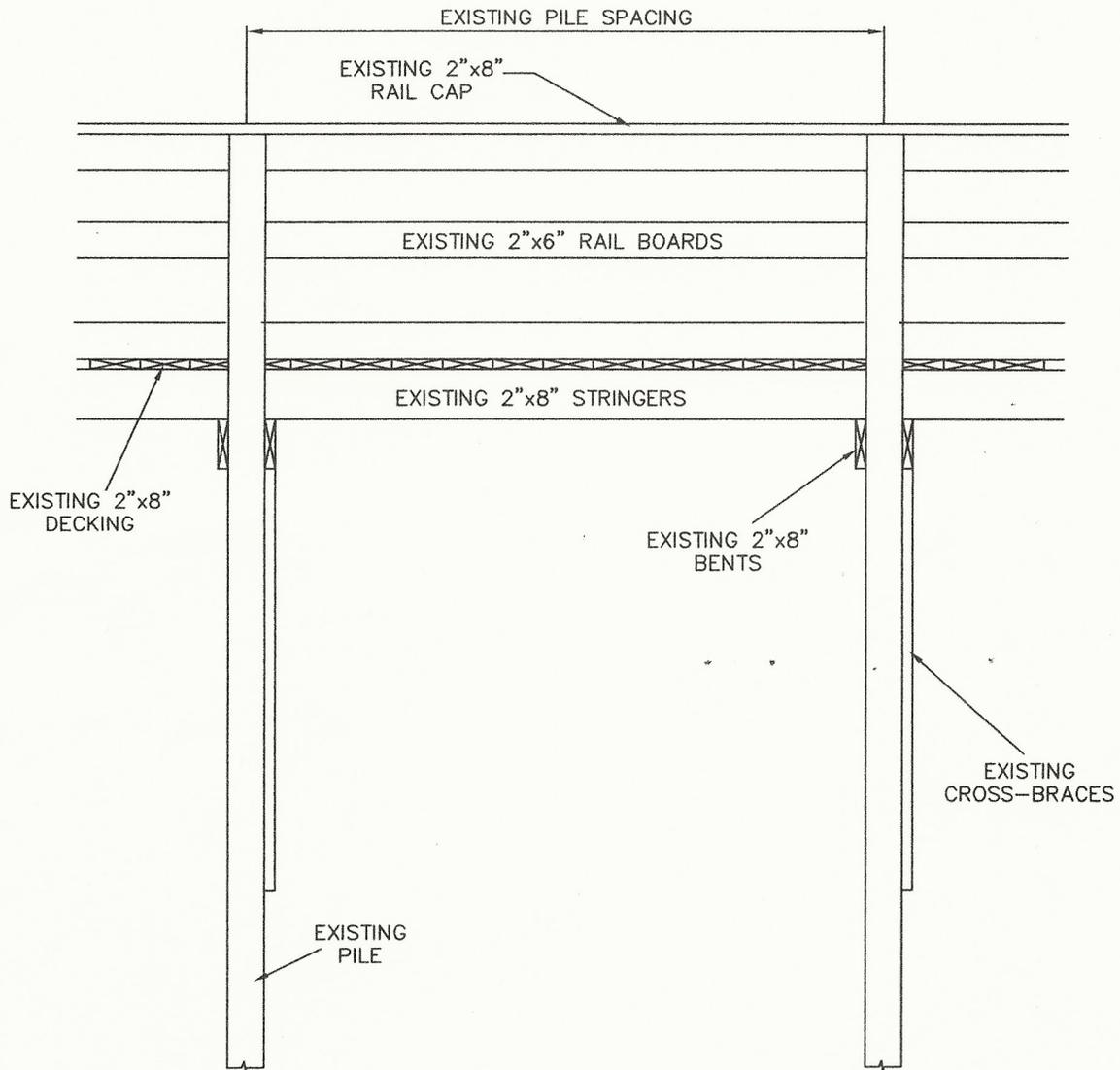
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<b>PROJECT TITLE</b>	
JESSEN LANDING BOARDWALK & FISHING AREA BOARD REPLACEMENT	
<b>PROJECT LOCATION</b>	
ASHLEY RIVER, SUMMERVILLE, SC DORCHESTER COUNTY	
<b>DRAWING TITLE</b>	
PLAN	
<b>DRAWING SCALE</b>	<b>DATE</b>
NONE	12-5-14
<b>APPLICATION #</b>	<b>SHEET</b>
	1 of 3



<b>PROJECT TITLE</b>	
JESSEN LANDING BOARDWALK & FISHING AREA BOARD REPLACEMENT	
<b>PROJECT LOCATION</b>	
ASHLEY RIVER, SUMMERVILLE, SC DORCHESTER COUNTY	
<b>DRAWING TITLE</b>	
TYPICAL SECTION	
<b>DRAWING SCALE</b>	<b>DATE</b>
NO SCALE	12-5-14
<b>APPLICATION #</b>	<b>SHEET</b>
	2 of 3



<b>PROJECT TITLE</b>	
JESSEN LANDING BOARDWALK & FISHING AREA BOARD REPLACEMENT	
<b>PROJECT LOCATION</b>	
ASHLEY RIVER, SUMMERVILLE, SC DORCHESTER COUNTY	
<b>DRAWING TITLE</b>	
TYPICAL ELEVATION	
<b>DRAWING SCALE</b>	<b>DATE</b>
NO SCALE	12-5-14
<b>APPLICATION #</b>	<b>SHEET</b>
	3 of 3

**JESSEN BOAT LANDING FISHING ACCESS REHABILITATION**  
**BID WORKSHEET**

Turn-key price for fishing access rehabilitation: \_\_\_\_\_

Date available to begin work: \_\_\_\_\_

Bid submitted by: \_\_\_\_\_

Name of Company

\_\_\_\_\_  
Street Address

\_\_\_\_\_  
City, State, ZIP

\_\_\_\_\_  
Telephone Number

\_\_\_\_\_  
Authorized Signature of Bidder

\_\_\_\_\_  
Printed Name of Above Individual

\_\_\_\_\_  
Date

**BID EVALUATION**

Bids will be evaluated using the following criteria:

- \* Cost of bid
- \* Compliance with our specifications
- \* Available start date
- \* Prior experience with contractor

**INFORMATION**

Any questions concerning the above specifications contact:

Doyle Best

Parks & Recreation Manager

Phone: 843-851-5211

E-mail: [dbest@summerville.sc.gov](mailto:dbest@summerville.sc.gov)