

**BOARD OF COUNTY COMMISSIONERS
ESCAMBIA COUNTY, FLORIDA**

OFFICE OF PURCHASING

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CLAUDIA SIMMONS
Purchasing Manager



January 6, 2012

To: All Known Prospective Bidders

ADDENDUM NUMBER 2:

Re: Southwest Greenway Connector Trail - Specification Number PD 11-12.007

Bidders:

We recently sent you an Invitation to Bid on the above mentioned specification. This Addendum #2 provides for the following:

- 1) Drawing - "Boardwalk Profile"
- 2) Drawing - "Terminal Hookup Chain Rail Option"
- 3) Provided below is the list of questions received to date for the above referenced project. Corresponding answers are in bold. Similar questions have been combined. Construction details are provided as attachment to clarify the answer to questions 19, 26, and 29.

1. *"The pre-bid Meeting is on December 27th could you confirm if this is accurate? Because is just two days before the bid date."*

Bid opening has been rescheduled by addendum #1 for 3:00pm Thursday, January 12, 2012.

2. *"What is the budget for this project?"*

Project budget is between \$300,000 and \$400,000.

3. *"Is it possible to get the pricing sheets in excel format?"*

Bid forms are only available in Microsoft Word.

4. *"Would like to request using a Marine Contractors License for this project this is more of a marine and the Insurance would be cheaper and not as much as a broad coverage. In addition to General Contractors, Escambia County will entertain bids on this project from licensed Marine Contractors."*

5. *"Please provide a written list on permitting requirements"*

Permits from the U.S. Army Corps of Engineers, Florida Department of Environmental Protection, and Florida Department of Transportation have already been obtained. All three are included on the CD for review. Contractor will be required to obtain county building permit prior to commencement of construction.

36. "Will the county require an "as built" survey upon completion?"

As-built certification will not be included within the construction contract.

This Addendum Number 2 is furnished to all known prospective bidders. Please sign and return one copy of this Addendum, with original signature, with your bid as an acknowledgement of your having received it. You may photo copy for your record.

Sincerely,



Bob Dennis, MABA, CPPB
Purchasing Specialist

SIGNED: _____

COMPANY: _____

6. *"Please provide a list of bond requirements"*

Questions regarding bonding requirements should be directed to the Escambia County Office of Purchasing.

7. *"Will there be a mobilization allowance provided if requested"*

No.

8. *"As I understand it we do not need a survey we are to get with someone and use what's there for center"*

It is the contractor's responsibility to ensure the boardwalk is constructed in the specific location depicted on the drawings. Plans provide state plane coordinates for all vertices located along the centerline of the boardwalk. In order to ensure the boardwalk is constructed per plans, the contractor may require the services of a licensed surveyor to stake the centerline of the proposed boardwalk. Any variation in location from the plans will require prior written authorization from Escambia County.

9. *"Please clarify length discrepancies. Scaled measurements of the project drawings indicate the following. Primary walkway parallel to Jones Creek is ~3413 ft. East parking lot entry walk is ~251 ft. Total Primary walk length at ~3664ft. Bid form states 2845. West parking lot entry (Spur 2?) is ~280 ft giving a total construction length of ~3944 ft. Bid form states 3095." ; "Are we to assume segment lengths shown on the plans to be correct?" ; "Please provide a lineal foot for project"*

The following is a linear distance breakdown of the project as measured from the boardwalk centerline. Main boardwalk (generally east to west) is 2,590 linear feet. Eastern spur (generally north to south and includes the bridge) is 255 linear feet Western spur (generally north to south not including the bridge span) is 240 linear feet north of the creek and 10 linear feet south of the creek.

10. *"Bid form page 6 Alternate #4 and #5 are exactly the same, so. Could you clarify what do you want us to bid on those two alternates?"*

Alternate bid #4 substitutes coated chain link for uncoated chain link rails. Alternate bid #5 substitutes wooden rails for uncoated chain link rails.

11. *"Could you provide more information about the treatment and grade of the pressure treated southern yellow lumber or standards we have to follow for the bidding purposes?" ; "Could you provide more information about the treatment and grade of the pressure treated southern yellow lumber or standards we have to follow for the bidding purposes?" ; "Please provide requirements for type of preservative (e.g. ACQ, CA-B, MCQ, CCA) and retention level for both pilings and dimensional lumber." ; "Piles what marine treat do you require 80 or what and for framing what do you want .25 or what" ; "Please provide a spec for the lumber. What is the grade and finish of the wood?" ; "Plans call for marine grade treatment, with no marine worms to worry about and the fact that marine treatment is about 40% higher than fresh water, can we not use fresh water treatment?" ; "What preservative treatment is lumber and piling?"*

Wood preservative for the boardwalk is as follows: 0.80 CCA for pilings and 0.25 CCA for framing and decking materials. Framing and decking material shall be grade 2.

12. *"What is the approved pile installation method." ; "Can piling be installed with vibratory hammer rather than jetting to eliminate any silt or erosion?"*

Piles can be driven or jetted.

13. *"What is the 'out of plumb' tolerance for the piles?"*

'Out of plumb' tolerance for piles is two percent.

14. *"Silt fence does not appear on the drawings. Is it required for the entire length of the boardwalk or just in the area of the new sidewalk?" ; "Will silt fencing be needed on either side of boardwalk path?"*

A specific stormwater pollution prevention plan was not drafted as part of the proposed project. It is the contractor's responsibility to employ appropriate best management practices to ensure that no sedimentation or turbid water discharges occur in wetlands or surface waters adjacent to the project.

15. *"Will track equipment be allowed in the wetland?"*

Tracked equipment can generally be used in the footprint of construction. Any ruts caused by the equipment shall be restored by the contractor to pre-development contours. Areas within the construction corridor (i.e. eastern end along

Navy Blvd.) will not allow the use of tracked equipment due to the mucky nature of the soil. In these instances the boardwalk shall be built progressively.

16. "If a tree needs to be taken down, can it be left in the swamp or do we have to remove it?" According to U.S. Army Corps of Engineers and Florida Department of Environmental Protection, felled vegetative material, such as felled trees, left in wetlands constitutes fill and would be regulated. Any felled vegetative material must be removed from the project site.

17. "I think you answered this at the pre-bid conference but, this proposed elevation is 3' max, not minimum?"; "The plans specify the boardwalk to be 3' above grade. Does this refer to the clear height (bottom of girders) or the deck height?"; "8' embedment for a pedestrian walkway that is only 3' feet above grade seems excessive. Do you want this much piling below grade?" The goal is to keep the boardwalk no more than 3 feet (deck height) above grade. There will be instances (especially crossing the two conveyance ditches) where the boardwalk will exceed 3 feet above grade. The contractor is responsible for determining the appropriate grade to meet ADA requirements for cross slope, running slope, and clear width. Value engineering for pile depth could be considered post award.

18. "Drawing sheet boardwalk cross sectional detail show 2x10" joists. The drawing sheet in the TECHNICAL Specifications for Boardwalk Construction (page 28 of 73) shows 2x8" joists. Please clarify."
Boardwalk will be constructed using 2x8 inch joists.

19. "Will 6'-0 (cut 2 from a 2x6x12'-0) long deck boards be acceptable? The drawings (2/2 on sht.9) show the deck boards running past the 6'-0 width dimension which would create an enormous amount of waste."; "Page 9 of the plans, boardwalk section, chain link rail - This detail shows the chain link rail on the outboard side of the boardwalk as opposed to wooden rail. If the rail stays outboard, this will require the use of 7 - 2 x6's in order to close the gap between the end of the joist and the rail or an additional waste of 2500 lineal feet of lumber."; "The rail detail with wood handrails is inboard of the deck area which allows us to use 6'0" material for decking. The detail using the chain link fence rail is outboard of the 6' deck area and will require a decked width of 6'7" in order not to have an opening at the bottom of the rail. We would need to use 7' long deck board and the total amount of cut off would be 2500 lineal feet of 2 x 6." Overall boardwalk width has been adjusted for both handrail options. See attached detail.

20. "At the drainage ditch crossing, I assume the county wants piling not to be placed in the flow line, even if that required spacing greater than 10'?"
Plans assume piling spacing will not exceed 10 feet requiring placement of pilings within the flow path of the two conveyance ditches located proximal to the eastern spur.

21. "In several areas there is mulch deeper than 12". Can it be pushed to the side in order to st piling?"
Yes.

22. "How much are we allowed to level the work area?"

The permits issued by the U.S. Army Corps of Engineers and Florida Department of Environmental Protection will not allow the work area to be leveled.

23. "What is the height of the 2x6 rail cap relative to the deck?"

The top of the rail cap is 46 inches above the top of deck.

24. "Detail 2/Sheet 9 (Chain link) shows three horizontal rails (2x4 middle & bottom, 4x4 top rail) that are not shown in the profile drawing. Are these rails required?"; "On pg. 9 under the 2x6 top rail framing shows what seems to be a 4x4 there is additional 2x4 under this horizontal what do you want please"; "Alt 1 fasteners what do you require at. 2x4 horizontal railing"
The 4x4 located immediately under the 2x6 cap shall be located in between each 4x4 rail post. The 2x6 rail cap will be placed on top of the rail posts and horizontal 4x4 rail. The 4x4 horizontal rail shall be attached to the 4x4 rail post using 3x3 inch heavy gauge ell brackets with three holes each flange. Ell brackets shall be secured to the rail and post using 1-1/2 inch stainless steel screws. 2x4 horizontal rails shall be attached to the 4x4 rail post using 3x3 inch heavy gauge ell brackets with three holes each flange. Ell brackets shall be secured to the rail and post using 3/4 inch stainless steel screws.

25. *"On alt two 2x6 hand rails do you want 4 as shown or 5 that's written"*
Five 2x6 rails are shown on the drawings. The fifth rail is located beneath the 2x6 rail cap.

26. *"Please provide a clear detail of the chain link configuration. Are there vertical post? Is the chain link built in panels and screwed to the post? The profile on sheet 9 does not show the pipe rails to be continuous." ; Are the 1-1/2" pipe rails that chain link attaches to running horizontally at top and bottom and or vertically?"*

See attached detail. The chain link fabric is continuous. Fabric will be attached to the rail posts using 4 inch H.D.G. square tension bands. There will be a minimum of three tension bands per connection. Length of the fabric will dictate the number of connections. Pipe rails are continuous. They will be attached to the rail posts using 4 inch H.D.G. square tension bands and 1-5/8 inch aluminum rail cap. Each tension band will require a single 5/16 x 1-1/4 inch galvanized nut and bolt. A 36 inch x 5/8 inch steel galvanized tension bar should be used for each connection.

27. *"Please provide a spec for the chain link and its components. What are the size openings in the fabric? What is the gauge of wire? What is the wall thickness of the 1-1/2" (1-5/8) pipe? Are other fittings required at connections?"*

Chain link fabric shall be H.D.G. 2 inch mesh, 9 gauge, KxK ends or Vinyl Extruded 9 gauge 2 inch mesh, KxK ends. The 1-5/8 inch rail pipe shall have a wall thickness of 0.85 inches. Some top rails may have a "swedged" end which would allow connections via fitting the swedged end into the plain end of the rail post. To join two plain ends use 1-5/8 inch rail sleeve at each connection.

28. *"Please provide a spec for the hurricane clips shown on the details."*

The plans consider a Simpson H5 stainless steel clip to attached the stringer to each cross tie using four 3/4 inch stainless steel screws for each flange.

29. *"Please provide a count of the number of fasteners (screws) required pre connection between wood members."*

See attached detail.

30. *"Would a zero maintenance (no painting required) weathering steel (Corten) bridge decked with the same decking as the boardwalk be acceptable? Some advantages would be aluminum theft/vandalism deterrence and a more rustic, aesthetically pleasing bridge. The cost should be less than the specified aluminum." ; "On this job, would it be allowable to substitute a no maintenance, weathering steel bridge as a substitution for the specified aluminum bridge? All span, width, height, loading, etc would meet or exceed the current specification." ; "Please provide the design criteria for the bridge so that we may provide an alternate. Gator Bridge is refusing to give a hard dollar quote without a deposit."*

Value engineering will be considered post award. Bridge shown on plans was designed in accordance with the AASHTO, Guide Specification for Design of Pedestrian Bridges, latest edition.

31. *"What material should be provided for the decking of the Gator Bridge? The companies standard decking is aluminum, but southern yellow pine, IPE hardwood, composite wood and concrete also appear to be available options."*

Plans assume aluminum decking.

32. *"Are we to notch out the 6" pile post as shown for the girter end caps"*

No. Do not notch the six inch pilings as the drawings appear to indicate.

33. *"Girder end caps do you want this as shown"*

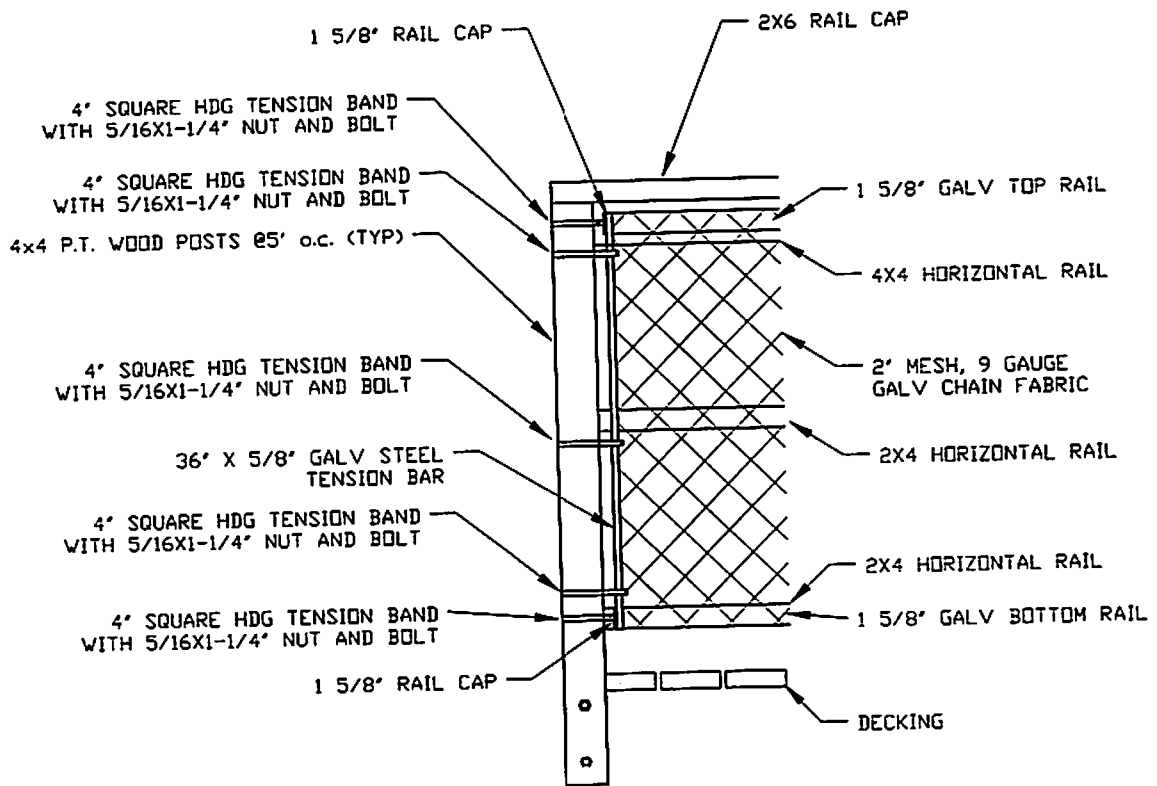
Construct as shown.

34. *"Per drawing sheet number 13, the Gator Bridge header kit/foundation requires 12' embedment into native or dense sand. Is a geotechnical report available?"*

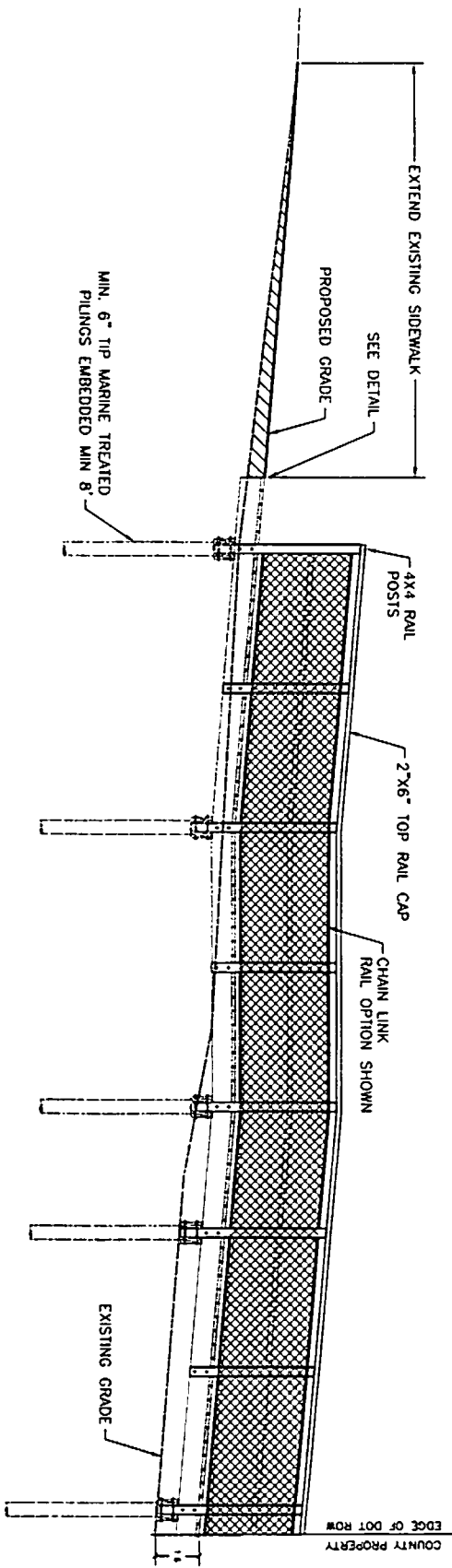
Geotechnical report is not available.

35. *"Do you want to powder coat the gates"*

No. The gates will be bare aluminum.



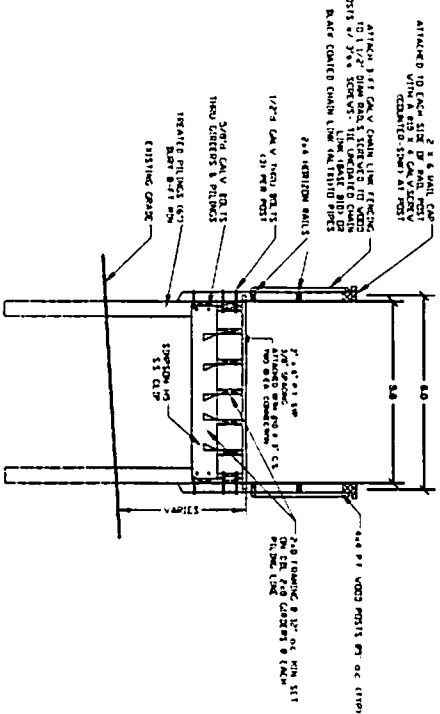
TERMINAL HOOKUP
CHAIN RAIL OPTION



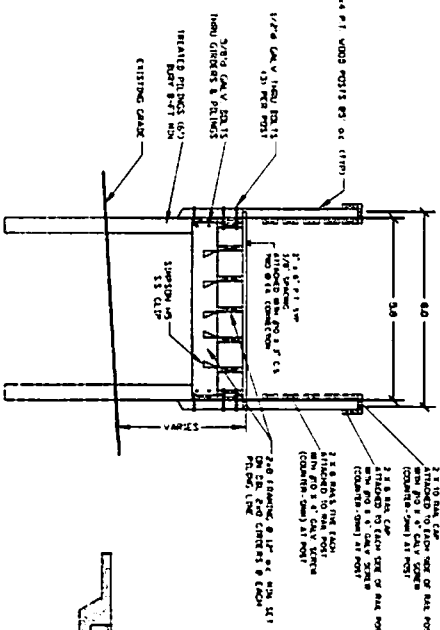
BOARDWALK PROFILE



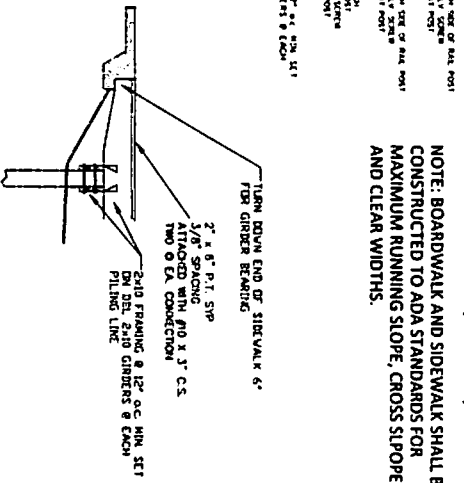
NOTE: BOARDWALK AND SIDEWALK SHALL BE CONSTRUCTED TO ADA STANDARDS FOR MAXIMUM RUNNING SLOPE, CROSS SLOPE, AND CLEAR WIDTHS.



BOARDWALK CROSS SECTION CHAIN LINK RAIL BASE & ALT#1



BOARDWALK CROSS SECTION WOODEN RAIL ALT#2



BOARDWALK/SIDEWALK TRANSITION

PROJECT #2011-024
DRAWN BY: JAT
DATE: OCTOBER 2011
SCALE: 1" = 4'
SHEET NUMBER: 9

SOUTHWEST GREENWAY CONNECTOR TRAIL
5555 W HWY 98
ESCAMBIA COUNTY, FLORIDA

