

ADDENDUM #1

CR 450 Paved Shoulders
Project No. 2013-02
Bid No. 13-0022

This addendum is being issued to make the following changes, corrections, clarifications and additions to the bidding document. The information in this addendum modifies and changes the original bidding documents and takes precedence over the original documents. **Receipt of this addendum shall be acknowledged by the bidder by signing and dating the appropriate line on page W-4 of the bid proposal.** Failure to acknowledge this addendum may preclude consideration of the bid proposal for award.

A non-mandatory pre-bid meeting for the referenced project was held at 9:00 a.m. on January 24, 2013, in the Department of Public Works' conference room. The following were in attendance:

Name	Company	Phone Number	Email Address
Lito Detorres	PDS	(352) 589-7000	Lito713@comcast.net
Kathryn Barnes	D.A.B. Constructors	(352) 447-5488	kathrynb@dabcon.com
Tim Lusher	Art Walker Construction	(352) 629-1466	office@artwalkerconstruction.com
Mike Davis	Central Testing Laboratory, Inc.	(352) 302-0657	mdavis@ctfl.com
Ted Strouse	Central Testing Laboratory, Inc.	352-266-7502	tstrouse@ctfl.com
Blair Johnson	Ranger Construction	(407) 656-9255	Estimating@rangerconstruction.com
Noble Olasimbo	Lake County Public Works	(352) 483-9092	nolasimbo@lakecountyfl.gov
Denis Dietz	Lake County Public Works	(352) 742-1766	ddietz@lakecountyfl.gov
Jeff Johnson	Lake County Public Works	(352) 483-9024	jjohnson@lakecountyfl.gov
Terry Scott	Lake County Public Works	(352) 483-9023	jscott@lakecountyfl.gov
Pat Magno	Lake County Public Works	(352) 483-9053	pmagno@lakecountyfl.gov
Deb Marchese	Lake County Public Works	(353) 483-9007	dmarchese@lakecountyfl.gov

This project is located west of Umatilla and will consist of constructing 4' paved shoulders along CR 450 and performing radius improvements at various intersecting roadways. Other work associated with this project shall include the following: SP 9.5 asphaltic concrete, SP 12.5 asphaltic concrete, asphalt milling, thermoplastic striping, storm structure installation, swale work, driveway construction, roadway signage, guardrail installation, sodding, and other miscellaneous incidental construction. The engineer's estimate is \$1,985,687.

Work performed under this contract shall be based on a lump sum bid. Quantities, if shown in the construction plans, are estimated for bidding purposes only and shall be verified by the contractor.

Pay special attention to all notes shown in the construction plans.

Contractor shall video the project limits prior to beginning construction. The video shall be in DVD format and provided to Lake County before construction begins. Detail should be given to all existing fence lines, driveways, hedge lines, etc., to document existing conditions prior to construction.

Bid to sod all disturbed areas matching all existing grass types. Contractor shall be responsible for watering all sod until there is established growth.

All utilities shown in the construction plans to be relocated shall be the responsibility of the utility provider to relocate. The contractor shall be responsible for coordination of all utility adjustments and relocation.

Contractor shall provide two (2) red-lined, complete copies of plans as as-built drawings for the project.

The millings shall be the property of Lake County. The Contractor shall bid to haul the millings to the Umatilla Maintenance Barn located at 19720 East Fifth Street, Umatilla, FL. Millings shall not be stockpiled on the project site.

All guardrail shall be installed as per FDOT Index 400.

Bidder shall supply Lake County with a per lineal foot cost for the installation of the Nucor Cable Barrier System shown on sheet 33 of the construction plans at approximately Station 150 + 80 (Left roadway). There are blank spaces provided on Sheet W-3 of the Tabulation of Estimated Quantities for this cost.

This is a FDOT funded project and all federal and state requirements are applicable to this project.

This project requires the use of the safety edge. The County wants this tapered edge placed on the six (6) inches of additional base material at the edge of pavement.

All stormpipe shall be RCP.

The Contractor shall bid to install audible pavement markings as shown in FDOT Index 17346.

Questions Discussed at the Pre-Bid Meeting:

1. Question: What were you referring to on Sheet 33?

Answer: Contractor shall bid to install a Nucor Cable Barrier System in the area near the boat ramp. The construction plans state (by others) however, the contractor shall bid to install the barrier system as part of the road project. The barrier system is shown in the plans, There was not a line item shown on the tabulation sheet. Contractor shall add a line on the tabulation sheet for this item.

2. Question: Is it possible to get a set of plans that are to scale?

Answer: The PDF file is available at the following link:
ftp://ftp.co.lake.fl.us/Public_Works/Engineering/CR%20450%20Paved%20Shoulder%20Plans/CR%20450%20PAVED%20SHOULDER.pdf

The CADD files are available at the following link:
ftp://ftp.co.lake.fl.us/Public_Works/Engineering/CR%20450%20Paved%20Shoulder%20Plans/ACAD%20FOR%20CR450-PAVED%20SHOULDER/

3. Question: Is there going to be certified payroll and David Bacon Wages needed?

Answer: Yes, this is a full scale FDOT LAP project and Contractor will be responsible for certified payroll, Davis Bacon wages, and employee interviews.

4. Question: Who is handling the testing?

Answer: The Contractor shall include the cost of laboratory testing in their bid. Central Testing Laboratory will be responsible for verification testing only.

5. Question: There is some overbuild listed on the tabulation sheet. Are the areas marked on the plans? *See Question #15

Answer: Contractor shall bid to construct overbuild areas per the typical shown on sheets 7, 8, and 9. On sheet 9 there are notes for travel lane to match existing, and the paved shoulder not to be flatter than 0.03 or steeper than 0.08.

6. Question: There is a note that states no vibratory rollers?

Answer: Lake County shall not allow the use of vibratory rollers on this project.

7. Question: Where is the 12.5 asphaltic concrete used?

Answer: The SP 12.5 asphaltic concrete shall be utilized where the widening area is 2 feet or greater.

8. Question: Can the contractor work 24 hours a day?

Answer: Due to the location of the project, Lake County will not allow night work.

9. Question: Are there any fences that will have to be relocated?

Answer: There are no fences shown in the construction plans to be relocated.

10. Question: Is the right of way staked?

Answer: No, Lake County will not be staking right of way at this time.

11. Question: Will the utility relocation be completed prior to construction.

Answer: It is Lake County's intent to have all utilities relocated prior to construction. Centurylink is relocating some of their lines at the present time.

12. Question: Will the County entertain the idea of a price alternate to not retain the millings?

Answer: No, Lake County will retain all millings from the project.

13. Question: Can you please specify the traffic levels required for different asphalt types?

Answer: All asphaltic concrete shall be traffic level C.

14. Question: Excluding the super elevated areas, can you please confirm that the Contractor is to mill a consistent depth of 1" off of the existing roadway and not mill to a 2% cross slope?

Answer: Contractor is to mill 1" minimum from existing roadway.

15. Question: Excluding the super elevated areas, can you please confirm that the Contractor is to overbuild the roadway with asphalt to a 2% cross slope?

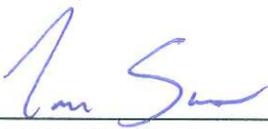
Answer: Contractor is to bid to place 1" minimum SP 9.5 in overbuild areas. See Question #5

16. Question: Sheet 136, Asphalt Safety Edge Detail: "Construct Fillet with Type SP-12.5" will the County consider striking the "applied in two (2) lifts"? The structural asphalt that is used for the widening will be placed in one lift. The note would be more applicable for the "Type S-9.5 Superpave" that is called out to be installed in two lifts.

Answer: Contractor shall bid to construct the safety edge by using 2" SP 12.5 flush across the limerock base.

17. Question: Can specs be provided for the Post & Cable Nucor Cable Barrier System?

Answer: Please see attached product sheet. Barrier must be Nucor low-tension cable barrier or approved equivalent.



Terry Scott, Construction Inspector II



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LOW-TENSION CABLE BARRIER

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Rib-Bak® System Modified Rib-Bak® System Low-Tension Cable Barrier

NCHRP 350: TL-3

Deflections: 12 feet

Cable: 3 cable

Post Spacing: 16 feet

Slope rating: 6 to 1

This low-tension system is applicable for guide rail applications where deflection needs are 12 ft. or greater. Three 3 x 7 steel cables are supported by strong (up to 100 KSI yield strength) yet economical 4 lb. Nucor Steel Marion RIB-BAK® U-channel posts, galvanized for long life. Cables are attached to the U-channel posts by unique hook bolts, and anchored at both ends into FHWA-approved end terminals.

The Nucor 4 lb. Rib-Bak® U-channel post is an accepted alternate post for the commonly used generic low tension systems on the roadway today.

The Rib-Bak® Low-Tension System utilizes standard J-bolt connection hardware on the generic low-tension systems and the 4 lb. Rib-Bak® U-Channel post as an alternative to the S3 x 5.7 x 5' - 3".

The Modified Rib-Bak® Low-Tension System utilizes the Nucor [locking hook bolts](#) as well as the 4 lb. Rib-Bak® U-Channel post as an alternative to the S3 x 5.7 x 5' - 3". This system allows for deflections less than 12 feet.

[WSDOT \(Washington\) Generic Low Tension System Standard](#)
[South Carolina Generic Low-Tension System Standard](#)
[Missouri Generic Low-Tension System Standard](#)

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Technical Details

-  [FHWA Acceptance Letters](#)
-  [4 lb. Rib-Bak® Drawing](#)
-  [W-Beam Transition](#)
-  [MSDS](#)

Other Links

- [News stories on cable barriers](#)
- [Research \(Very useful webpage\)](#)
- [Funding Resources](#)
- [Find a distributor](#)

"Cable median barriers are an effective means of reducing fatal crossover crashes." FHWA, 2006

[Read more cable barriers](#)