

**Tanner Bridge Road
Safety Improvements Project – Phase 1
Project No. 2017-601-1**

**Pre-Bid Meeting Notes
August 22, 2019**

The meeting was held at the Cole County Commission Office beginning at 9:00am. Those attending the meeting are listed below:

<u>Name</u>	<u>Representing</u>	<u>Phone</u>
Eric Landwehr	Cole County	573-636-3614
Spencer Coonce	Cole County	573-636-3614
Brad Wyss	Cole County	573-636-3614
Patrick Kremer	CMPS	573-634-3455

GENERAL BIDDING INFORMATION

1. Sealed proposals on the forms prepared by the Cole County Department of Public Works will be received by the County Commission, Cole County, Missouri, at the Courthouse Annex, Jefferson City, Missouri, until **9:00 a.m., on August 30, 2019**, for the **Tanner Bridge Road Safety Improvements Project – Phase 1**. The proposals will be publicly opened and read aloud thereafter. Bids received after the specified time for opening will be returned unopened.
2. Plans and specifications may be viewed online in the bids section at www.colecounty.org. All contractors wishing to bid on this project shall obtain an official copy of the plans and specifications at the office of the Cole County Department of Public Works, 5055 Monticello Road, Jefferson City, Missouri 65109-9182, (573) 636-3614.
3. **All prospective bidders will be required to purchase a set of plans and specifications in order to be able to bid this project. If a bid is submitted without purchasing a set of plans and specifications, the bid will be rejected.** This requirement is necessary to ensure that all of the bidders have received the applicable addenda before submitting a bid for this project.
4. A bid guaranty will be required in the amount of 5% of the bid. Can be paper bid bond or cashier's check.
5. Questions regarding the plans and specifications will be taken up to **24 hours prior to the date and time of the bid opening**. This will allow the County to get the information out to all of the bidders. General questions regarding the bidding process will be answered up to the time of the opening.
6. Prevailing wage rates are required on this project. State rates apply.
7. Bids shall be submitted on the proposal forms in the bidding documents. All blank spaces shall be filled in on the forms by typewriter or by handwriting in ink. The bidder shall make no other stipulations in the bid form or qualify his bid in any manner. The bids shall be submitted in an opaque sealed envelope marked "**Tanner Bridge Road Safety Improvements Project – Phase 1**" and shall be clearly marked with project title, bid date, bid time and bidder's name and address.
8. If awarded the contract, the Contractor agrees to complete the work by no later than

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November 22, 2019 as defined in the specifications.

9. **Liquidated damages** shall be **\$700.00** per calendar day for every day that the Contractor fails to complete the work as provided in the contract documents.
10. Liquidated savings for early completion shall be established as **\$700.00** per calendar day for every day the project is substantially completed prior to the completion date up to a maximum of **\$9,800**.
11. Simultaneously with the delivery of the executed contract, the Contractor shall furnish a surety bond in the amount of 100% of the total contract sum, as security for both faithful performance of the contract and for the payment of all persons performing labor on the project under this contract as specified in the contract documents.
12. Do NOT include federal excise tax or sales and use taxes in the bid prices. This project will be a SALES TAX EXEMPT project. A copy of the federal tax exemption certificate will be furnished if required.

GENERAL PROJECT INFORMATION

1. This project involves the reconstruction of the Tara Road intersection at Tanner Bridge Road as well as realignment of Tanner Bridge Road. There are additional areas of work on the Carrender and Lutz properties that are outside the beginning and ending stations of the road work.
2. The contractor is highly advised to visit the project location to observe existing site conditions.
3. The County will be providing construction observation through county inspectors.
4. The County will provide construction staking either with County forces or CMPS.
5. Detour signing is required. The county will provide the signs for items shown on Sheet 8 with an asterisk.
6. Utilities – There are three utilities present on this project. Waterline relocation is included in the contract. Further discussion on adjustments will be later in the meeting.
7. ALL CHANGE ORDERS – If there is any item that the contractor thinks additional pay is warranted, a change order request will have to be submitted and approved prior to commencing any of the additional work. Any extra work done without approval is not guaranteed to be paid.
8. There are notes on the plans calling out certain items of work. Pay attention to these. They are sporadically placed on the plans. We will try to them out during this meeting but there may be some we don't catch.
9. The county inspector will assist with the Land Disturbance Permit BMP inspections after rainfalls. This is not specifically called out in the JSP. It is still the responsibility of the contractor to perform.
10. The Carrender property has some clearing, fence and gate work that is part of the project. The limits are shown on the plans.
11. The Lutz property will re-grade the driveway to match a future phase of improvements on Tanner Bridge Road. Concrete paving will be done by others.

STANDARD PLANS AND SPECIFICATIONS

Technical specifications will be the latest effective version of the Missouri Standard Specifications for Highway Construction except as modified in Section 8 of the bidding documents. Standard drawings shall consist of the current effective version of the Missouri Standard Plans for Highway Construction. These are listed in the JSP's.

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UTILITIES

- The affected utilities are PWSD#2, Three Rivers Electric and Centurylink.
- The waterline work is shown in the plans to be done by the contractor. It is to be lowered and replaced at Tara Road and the Lutz Driveway. Rock is expected at both of these locations. Class 3 excavation is estimated and included as a bid item.
- Three Rivers will be relocating their poles once construction starts and clearing is done.
- Centurylink will likely be staying with overhead and move poles as needed during construction.
- We would like to put a utility sleeve for both Centurlink and Three Rivers under the Lutz Driveway. This is not shown on the plans and will be either added in the addendum or handled as a change order.

JOB SPECIAL PROVISIONS

The job special provisions were reviewed. Special attention was given to the following:

1. B. Work Zone Traffic Management. A two week notice shall be given for all full road closures. The detour in the plans shall be used during full closures. Contractor must coordinate with property owners to schedule driveway construction and provide a reasonable access to their property. Any work done prior to closing the road has to have traffic control in accordance with MUTCD. A flagger shall be used for all one lane closures.
2. D. Utilities. Contractor shall coordinate with all utility companies regarding any relocation or special caution when working around the utilities. Specific requirements are listed.
3. F. Liquidated Damages / Liquidated Savings for Completion Date. The LS's for this project are \$700 per day that the project is not completed by November 22, 2019. There is an incentive if the project is completed ahead of schedule of \$700 per day up to a total of \$9,800. Also, Section 108 has been revised to assess LD's from December 15 to March 15 including Saturdays, Sundays and Holidays.
4. I. Seeding, Fertilizing and Mulch. This is our basic JSP but one thing to point out is that final grade shall be established and seeded within 10 working days of proposed improvements being completed on a property unless otherwise approved by the engineer. The idea behind this is that we don't want a property left torn up for an extended time period. Also, 50% payment will be made upon completion of the seeding and mulch. The other 50% will be paid once seed is established and accepted.
5. J. Top Soil in Areas to be Seeded or Sodded. The top 6 inches of all disturbed areas shall be good clean topsoil. This will require rock removal when necessary. All areas for seeding shall be inspected prior to placing seed.
6. U. Removal of Improvements. All removals necessary for the completion of the project are included in this bid item. Typical removals are noted but are not limited to this list plus some specific to this project such as existing fencing and waterline.
7. O thru Y. These are the typical asphalt job special provisions. The JSP for RAP has been changed as shown below:
8. V. Reclaimed Asphalt Pavement (RAP). RAP will be allowed per MoDOT specifications with the exception that NO RAP WILL BE ALLOWED IN ANY PLANT MIX BITUMINOUS PAVEMENT (BP-1) mixture.

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9. Z. Disposal of Asphalt. Removed asphalt shall not be disposed of beyond the edge of the pavement. It can be incorporated into the subgrade within the roadway width.
10. BB. Earthwork. Earthwork will be paid per lump sum. Raw volumes for cuts and fills are shown on the plans and are for information only. The typical earthwork items are listed but not limited to what is shown in this JSP. Depth of rock was not investigated. It is assumed there will be some rock excavation necessary for the roadway. This will be considered as part of the lump sum price. Class 3 excavation for the waterline will be paid for at the unit bid price. An estimated amount is included in the plans. The actual quantity will be measured and paid.
11. EE. Rock Removal. No explosives shall be used on the project without prior approval.
12. FF. Undergrading in Rock Cut. Rock cut areas under the roadway shall be undercut and backfilled with a drainable material with the top surface choked with fines for property compaction.
13. HH. Permits. The county has a countywide land disturbance through MoDNR. All provisions on the permit shall be followed including adherence to the SWPPP and erosion control BMP's.

PLAN REVIEW

Patrick Kremer and Eric Landwehr discussed the following items on the plan sheets:

Sheet 1

1. Cover sheet shows typical sections for paved parts of Tanner Bridge and Tara Road and a portion of Tara Road that will be gravel where it ties back to existing.
2. Tanner Bridge will have superelevation.

Sheet 2

1. Tabulation of quantities is shown on this sheet.
2. Earthwork quantities shown for information only are to top of grade and do not include quantities for pavement and base, etc. The contractor will have to figure that into what they think their actual earthwork will be.
3. Some pavement markings are to be a preformed marking tape as shown on this sheet. MoDOT specifications apply on this tape. In the past we have used a product from 3M that we call "waffle tape." Striping subcontractors will know what to use.

Sheet 3

1. Removals shown on this sheet. Notes are shown where the clearing and grubbing assumed limits are.
2. There is a little bit of clearing on the Carrender property on the west side of Tanner Bridge just north of the Allen/Moss property.

Sheet 4

1. This is the plan/profile sheet and shows limits of the project. The extra work on Carrender and Lutz is not shown on this sheet.
2. There is realignment of Tanner Bridge to correct an existing sudden alignment change as you drive over the crest of the vertical curve.
3. Water main relocation work is shown here.
4. There is a note concerning rock at the water main relocation. The water district

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potholed this location and rock is expected to be encountered.

Sheet 5

1. Intersection details at Tara Road are shown on this sheet as well as a profile.
2. Pipe profiles and entrance profiles for the rest of the job are also shown.
3. Pavement marking locations at the intersection are shown.

Sheet 6

1. Details are the Lutz driveway are shown. This for grading only on the driveway. The owner will do the concrete work.
2. There is an asphalt approach at this driveway that will have to be added to. There is to allow the new driveway to be installed at an offset that will accommodate a future phase to realign more of Tanner Bridge Road.
3. A second location for water main relocation is shown. This will include lowering the main under the Lutz driveway and replacing the main across Tanner Bridge.
4. Centurylink and Three Rivers will be doing some work at this driveway. We will be adding two utility sleeves under this driveway for future work by these utilities. There are no quantities in the plans for this. They will be added with this addendum.

Sheet 7

1. Grading and erosion control details are shown here.

Sheet 8

1. Traffic control plan shows a detour that will be required for full road closure. The signs marked with an asterisk will be provided by the county.

Sheet 9

1. Special details are shown including the water line and superelevation details.

Sheet 10

1. This sheet shows details for clearing along the ROW on the Carrendar property. Also included are locations for fence and gates to be added.
2. Prior to beginning work, we will walk the length with a representative for the Carrendars to determine the full extent of the clearing limits. There is a desire to save a few trees that may be near the edge of the clearing limits. Also, there is an existing yard fence and rock wall at the house that we will determine how to work around.
3. There is a small amount of clearing and fence removal on the west side of Tanner Bridge Road near the Allen/Moss property.

Remaining Sheets

1. These are cross sections showing actual limits of work with offset information for ditches, edge of pavement, etc.

QUESTIONS AND ANSWERS

Received at pre-bid meeting, by telephone, e-mail etc. prior to issuing Addendum No. 1

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Q1. Is the water district supplying the pipe for the water line relocation?

A1. Yes. See more information below about water line work.

Q2. Are there any property corners to reset?

A2. We are not aware of any corners affected by the project. If we find some and they are out of the grading limits we will mark them as not to disturb. If they are within the grading limits, the county will reset after construction.

Q3. There is not much detail on the water line tie-ins. How will we do that?

A3. Randy Kay is the water district contact. You will need to work with him on tie-ins. See below for further information.

Q4. Are there any water line serviced that have to be reconnected to the new main?

A4. Yes. See below.

Question received after the pre-bid meeting.

Q1. How many house services are there to switch over? Any detail at the connection point of old to new main. Is the water district supplying the bedding rock too?

A1. The water district will take care of switching over the two services. This main is a loop and fed from both directions, so they will phase the construction to keep water service to the two affected properties. The Tara relocation will basically involve installing a valve to the south side of Tara and moving the service for the Allen/Moss property to the south of the new valve. Relocate everything to the north and then tie back to the existing at the south.

At the Lutz property relocation, they will install a new valve and temporary service back to the existing meter. Have the contractor relocate the main under the driveway. They will adjust the fire hydrant and meter and redo the service connection. Contractor then relocates the south end of main to the west side of Tanner Bridge. You all are really just responsible for getting the main relocated.

There are two 90 degree fittings and casing under Tanner Bridge that could be reused, if the contractor took care in doing so. As far as the connections back to the existing main, they would occur at exiting joints and would bend the pipe down to get to the grade we need to be at. Also, the bedding material would be on the contractor.

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