

**Waterford Road & Mt. Hope Road  
Gravel Road Upgrade  
Project NO. 2017-901-1 & 2017-902-1**

**Pre-Bid Meeting Minutes  
June 11, 2020**

The meeting was started at 9:00 AM in the conference room located in the office of the Cole County Department of Public Works. Eric Landwehr discussed the following items:

Attendees:

<u>Name</u>	<u>Firm</u>	<u>Phone</u>	<u>FAX</u>
Eric Landwehr	CCPW	(573) 636-3614	(573) 636-8389
Spencer Coonce	CCPW	(573) 636-3614	(573) 636-8389
Brad Wyss	CCPW	(573) 636-3614	(573) 636-8389
Kevin Light	CCPW	(573) 636-3614	(573) 636-8389
Christa Nilges	CCPW	(573) 636-3614	(573) 636-8389
Don Rhea	Don Schnieders Exc.	(573) 893-2251	(573) 893-7749
Chris Schnieders	Jeff Schnieders Exc.	(573) 636-7335	(573) 634-2354
Ron Eggen	Property Owner	(573) 782-4485	

**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, Room 200, Jefferson City, Missouri, until **9:00 a.m., on June 19, 2020**, for the **Waterford Road & Mt. Hope Road Gravel Road Upgrade**. The proposals will be publicly opened and read aloud thereafter. Bids received after the specified time for opening will be returned unopened.
2. Prior to the time and date designated for the receipt of bids, bids may be modified or withdrawn only by notice to the County Commission at the place and prior to the time designated for receipt of bids. No bids shall be withdrawn for a period of 90 calendar days after the scheduled closing time for receipt of bids.
3. Plans and specifications may be viewed and downloaded online in the bids section at [www.colecounty.org](http://www.colecounty.org). A hard copy of the plans and specifications will not be provided unless requested in advance.
4. **All contractors wishing to bid on this project shall submit the plan holder contact information form found in the specifications to [ccpwprojects@colecounty.org](mailto:ccpwprojects@colecounty.org) prior to the bid opening.** A bid received from a contractor that has not submitted this form will not be opened and therefore not read. It will be returned to the contractor.
5. A bid bond will be required in the amount of 5% of the bid. No personal checks will be accepted.
6. A one-year Performance and Guarantee Bond is required.
7. Questions regarding the plans and specifications will be taken up to 24 hours prior to

## Waterford / Mt. Hope Road

### Pre-Bid Minutes

#### Page 2

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.

8. Addenda may be issued on this project at any time up to 24 hours prior to the bid date and time. It shall be the responsibility of the contractor to verify if any addenda have been issued prior to submitting their bid. The County assumes no liability if a contractor fails to incorporate addenda into their bid. **Addenda will be posted on the website and will NOT be faxed.**
9. Prevailing wage rates are required on this project. The wage rates for Cole County are included in the specifications.
10. The right is reserved by Cole County to reject any and all bids and to waive informalities therein.
11. Bids shall be submitted on the Proposal Form furnished by the County. 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 "**Waterford Road & Mt. Hope Road Gravel Road Upgrade – Project No. 2017-901-1 & 2017-902-1, Construction Bid**" and shall be clearly marked with the bid date, bid time and bidder's name and address.
12. The County will accept computer generated spread sheets for the unit price items to help alleviate problems with computation mistakes. If a spread sheet is used, it shall be in the same format as the one included in the proposal. The sheet shall be inserted in front of the one included in the proposal form.
13. If awarded the contract, the Contractor agrees to complete the work by no later than **November 20, 2020.**
14. **Liquidated damages** shall be **\$1,000.00** per day.
15. 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.
16. 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.

The following items were discussed by Eric Landwehr regarding the plans and specifications:

#### GENERAL PROJECT INFORMATION

## Waterford / Mt. Hope Road

### Pre-Bid Minutes

#### Page 3

1. There should be a fairly simple project to build with the new road staying pretty close to the original alignment with minimal grade changes.
2. Pipe bid items are for furnishing and installing. The County will not furnish the pipe like we used to do going back a few years. Pipe lengths will be paid for per the plan quantity and will not be measured. If it works out better for the contractor to lay extra length of pipe to avoid cutting it, that is fine but there will be no extra pay. An exception would be if the county directs the contractor to add additional pipe length.
3. The County will be providing the inspection for the road construction.
4. The County will provide vertical and horizontal control for this project as well as right-of-way stakes where needed. We will also stake the locations for the crossroad drainage structures: however, it will be the Contractor's responsibility to provide all remaining construction staking and layout.
5. The Contractor and utility companies will be required to use extreme care to not disturb the property corner pins designated as "not to be disturbed". If they are disturbed, the County will require them to be replaced at no expense to the County.
6. The project is to be constructed to the lines and grades as shown on the plans and specifications. All of the excavations are unclassified and it will be the Contractor's responsibility to ensure that the grades are obtained.
7. Grading for the road is paid as linear grading. Subgrade scarifying is paid where there is fill shown on the cross sections. Compacting in cut is where we show cut. Grading on the Goldammer property for rip-rap and rock blanket is either incidental or including in the cost for the rip rap or rock blanket.
8. There may be rock present on the project that will have to be excavated. It will be the contractor's responsibility to determine how much rock is present. No direct pay for rock excavation. Blasting may be used but not likely needed.
9. The landowners have been told that they can have the wood from the trees located in front of their property and they have been instructed to contact the Contractor regarding this matter. If requested, the Contractor will need to remove the stump and properly dispose of it.
10. Utilities – We have had problems in the past when a utility comes in and does some work after grading has been done on the slopes. Most of the time they don't dress it up very good. The contractor shall be responsible for coordinating any finish work with the utilities. The contractor is ultimately responsible for the final grading of the road up to the date of the final acceptance of the project.
11. The Goldammer property will have several construction requirements on it. The contractor should pay close attention to the plans when determining their bid. There is a JSP detailing this as well as a bid item for coordination.
12. **CHANGE ORDERS** – The quantities are believed to be pretty close on this project however issues can arise on any project requiring extra work. If there is any item that the contractor thinks additional pay is warranted, a change order request will have to be submitted and approved by the Director or County Engineer prior to commencing any of the additional work. **This includes an overrun on quantities.** Any extra work done without approval WILL NOT be paid unless you have a really good reason.
13. Centerline nails are NOT set right now but the alignment stays pretty close to existing. They will be set prior to construction starting. ROW markers will not be set by surveyor until after project is complete. Control points will be set and some ROW will be staked prior to construction. We will also stake the extra clearing locations.
14. The contractor will have to sign a MoDOT permit for work on MoDOT ROW at Route U.

## Waterford / Mt. Hope Road

### Pre-Bid Minutes

#### Page 4

15. If we have a dry summer, the contractor will have to have a water truck on site to wet the road to achieve proper compaction. Plan on it.

#### GENERAL SPECIFICATIONS

1. Section 109.9.1 describes the requirements for release of the 5% retainage. These requirements must be met before final payment is made.

#### TECHNICAL SPECIFICATIONS

The technical specs for this project will be a mix of the current MoDOT standard specifications and the 1999 version. Section 8 of the bid documents lists revisions to the 1999 specifications. This will apply first and if not covered in Section 8, then the current specifications will apply.

1. Section 203.2.5.2 addresses undergrading 12" in rock cut.
2. The Contractor shall make himself familiar with Sections 304 of the Specifications for the gradation of the base rock.
3. During rock placement under Section 304, the Contractor shall adequately maintain the road to grade and remove piles of rock from the dumping operations.
4. Section 602 details the protection and restoration of property corners and section corners. Bid items have been added for the referencing and restoration of these corners to be removed and reset. The work will have to be completed by a land surveyor registered in the State of Missouri. If property pins and/or section corners marked as "Do Not Disturb" on the plans are disturbed, it will be the Contractor's responsibility to replace them at no expense to the County. Before final acceptance and payment, the County will field verify that all of the corners are in place.
5. Section 801, 802 and 805 address the type and quantity of fertilizer, mulch and seeding required.
6. Section 804 – Topsoil requires that either the existing topsoil be removed and utilized in lawn areas and areas mowed by the landowners or material be brought in to cover these areas. In lawn areas and areas being mowed by the landowners, rocks larger than **1 inch** will have to be removed. In areas other than lawn areas and areas being mowed by the landowners, existing soil can be used in these areas, however, rocks larger than **3 inches** in diameter will have to be removed. Pieces of wood or roots will also have to be removed. **To clarify, any area that is being mowed by the landowner is considered a lawn area even if it is on Right of Way.**

If the slope is laid back with a grader, the Contractor will have to come back with topsoil as defined. The Contractor can either furnish topsoil for the lawn and areas being mowed by the landowners or they can salvage the existing topsoil and use it as long as it meets the requirements of the specifications including having no rocks larger than 1 inch in diameter. If the existing topsoil material does not meet the specifications, the Contractor will have to provide acceptable material at no additional cost.

#### JOB SPECIAL PROVISIONS

1. The provisions of this section take precedence over any other provisions in the

- specifications. Please read this section as project specific requirements are detailed.
2. D. Traffic Control During Construction – Access for Emergency Vehicles and Landowners. During construction of the crossroad pipes, the contractor can close the road temporarily but must have the necessary equipment on site to open the road back up immediately in an emergency situation. Only one (1) temporary road closure will be allowed at any given time except at the bridge over the N. Moreau. A longer closure will be required here. Also, all traffic control signing necessary for compliance with the MoDOT permit will be required for work at Route U.
  3. F. Location and Adjustment of Utility Services – The Contractor shall be responsible for working with the utility companies to locate existing utilities and do the necessary work to prepare for utility relocations. The contractor shall be responsible for final grading after the utility work is complete.
  4. J. Removal of Improvements – A listing of removals is shown but there may be additional items necessary to remove that are not on this list. These shall be considered completely covered by the bid item with no additional payment warranted. Some existing pipes to be removed may be salvaged for the landowner.
  5. M. Erosion Control – All erosion control items are listed here with specific information about each. Note that silt fence shall be installed correctly. Incorrect silt fence will not be paid for. Straw wattles can be used in lieu of silt fence.
  6. O. Removal and Replacement of Poor Subgrade Material – A quantity is shown in the plans based on estimated locations where poor supgrade may exist. This is an arbitrary amount. No rock shall be placed unless necessary as determined by the County. Contractor has to show that it's unstable. No direct payment will be made for any excavation required to place the shot rock. It will be considered included in the other pay items in the contract. When rock is approved, measurement will be made according to the top surface area of rock at 18" thick. Any overrun in quantity due to the rock being too thick will not be allowed.
  7. P. Drainage – This provision outlines specifications on the pipe installations. CMP gauges and RCP class is shown.
  8. Q. through BB deal with the asphalt paving. Contractor should note that the most current MoDOT specifications for asphalt paving shall apply and that the asphalt company shall provide QC. The County will provide QA and will be at the asphalt plant.
  9. Y. Pavement Width Measurement – Pavement and base will be measured and paid for using the top finished width of the pavement. All layers of asphalt, and base rock shall be constructed wide enough for a finished 22' width.
  10. EE. Permits – There is a MoDNR Land Disturbance permit and SWPPP for this project that the contractor shall follow. Not shown in the JSP are the MoDOT permit for work on ROW and a USACE nationwide permit. Applications for both of these will be submitted after contract award.
  11. FF. Goldammer Property Provisions and Coordination – This property has SEVERAL items that need to be addressed during construction. They are all listed here. The contractor should pay close attention to this. There is a bid item for property owner coordination on this property. The county can withhold payment if the provisions of this JSP are not followed through with adequately.
  12. GG. Additional Off-Site Guardrail Replacement – There are three locations in the county that need guardrail work and have been added to the contract. The guardrail subcontractor can do these where they are in town doing work on this project.
  13. HH. 2" Base Rock – A gradation for this rock is listed in the JSP. This is the first layer

## Waterford / Mt. Hope Road

### Pre-Bid Minutes

#### Page 6

of base.

14. II. Alternate Bid – We would like to consider an option to pave the shoulder rather than have a 2' aggregate shoulder. The alternate should show a deduct of the aggregate cost and addition of asphalt costs.

#### ROADWAY PLANS

1. For superelevation, the Contractor should be advised that the curve should be in full superelevation between the PC and PT points with the transition being outside this area. Superelevation tables are shown in the plans
2. The Contractor shall protect any trees marked to remain in place from disturbance. If there are any questions, it will be the Contractor's responsibility to contact the County.
3. Trees to be saved will be marked with blue flagging. Trees to be removed will be painted with a red "X" or marked with red flagging throughout the length of project.
4. There are areas on the project where extra grading beyond the ROW is to be done.
5. The Project Quantities Sheet summarizes the tabulation of quantities for the project.

The following items were discussed by Spencer Coonce regarding the road upgrade plans:

#### SHEET 1.02

1. Grade change is shown at the beginning of the project. This is to improve the vertical curve heading into the intersection.
2. On the Strobel property, the fence has been removed and relocated.
3. On the Burr property, the fence has already been relocated. It is not where shown on the plans. The new fence will not be impacted. The stone wall on the Burr property will be relocated by the owner.

#### SHEET 1.03

1. On the Eggen property, the contractor shall remove the fence and brush. The plans show the owner will remove the fence but that is incorrect.
2. Clearing on the Eggen property will be 10' beyond the ROW.
3. On the Goldammer property, the fence stays in place along Mt. Hope except a portion up at the intersection.

#### SHEET 1.04

1. The existing guardrail over the box culvert will be removed. New guardrail installed.
2. The grading over the box culvert will have to be worked to widen the shoulder 3.5' to allow for the new guardrail.
3. The ROW is a little wider at the location of the box culvert.
4. The driveways on the Goldammer property have existing pipes to be saved for the owner.

## **Waterford / Mt. Hope Road**

### **Pre-Bid Minutes**

#### **Page 7**

5. The Goldammer driveway on the northwest side of the box has some drainage coming in from a terrace. Grading shall be done to direct the water from the terrace into the driveway pipe.

#### SHEET 1.06

1. At the Bosley property, the road ROW shifts away from the house.
2. The mailbox is constructed from an old plow. It shall be relocated without damage back to the new edge of road. A pipe shall be installed underneath the mailbox in order to span the road ditch.

#### SHEETS 1.07

1. The intersection with Route U changes to match a more typical MoDOT intersection. There is some narrowing on the north side and widening on the south side. The drawing on the plans shows some additional widening of the shoulder coming off Route U. This will not be built like this. The north side taper should be the same as the south side.

#### SHEET 1.08

1. Fence is moved back on the Strobel property.
2. Goldammer will remove and replace the fence.
3. For most of the Goldammer property, there will be no ditch. Water should sheet flow onto the property. We'll also try to minimize some ditches to sheet drain if possible in other areas of the project.

#### SHEET 1.10

1. There is a considerable amount of cut material on the Strobel property that will be used for fill.

#### SHEET 1.12

1. This sheet shows the first crossroad pipe. There is grade change to add fill over this pipe.

#### SHEET 1.13

1. There is a new house being built on the Lueckenotte property. It is not shown on the plans.

#### SHEET 1.14

## **Waterford / Mt. Hope Road**

### **Pre-Bid Minutes**

#### **Page 8**

1. This sheet shows the pipeline crossing. The pipeline company wants to be certain their lines are located prior to starting work. We probably will want to be in contact with them while the work is being done. There is no cut over top of these pipes. It is all in fill.

#### SHEET 1.15

1. We may slightly change the alignment and elevation of the crossroad pipe at 142+81

#### SHEET 1.18

1. This sheet shows where the bridge crossing over the N. Moreau. There is quite a bit of earthwork to do at the approach areas to the bridge. We want to widen and open things up as the road approaches the creek banks.

#### CROSS SECTION SHEETS

1. These sheets shown the slopes and where. The standard is a 3:1 but where people want to mow the ROW it is a 4:1.

#### SHEET SS-1

1. Standard typical sections and superelevation info shown there. The 2:1 in-slopes don't match the cross sections and Sheet C0.03. Disregard this.
2. A 3.5% cross slope is shown.
3. The in-slope shall be brought up to match the shoulder.
4. If we accept the alternate with a paved shoulder, earth will have to be graded up to match the edge.
5. If we stay with the aggregate shoulder, then typically the in-slope is constructed with aggregate spill from the shoulder construction.

#### SHEET SS-2

1. Special details are shown.

#### SHEET SS-3

1. This is one of two sheets at the Goldammer property.
2. There will be a concrete outlet extension built at the end of the box culvert. It is for energy dissipation and fills are area where significant erosion has occurred over the years.
3. There is a phone cable in the area of the concrete extension that is exposed. We are not sure what Centurylink plans to do with it.



SHEET SS-4

1. There are elevation locations where erosion points have been identified. The contractor shall place rip rap in these areas. Basically just fill up the ruts with little or no grading. This is paid a non-grouted rip rap.
2. There is a streambank stabilization location shown. Details for construction are shown with estimate quantities. It is paid for as type 2 rock blanket.

SHEET SS-5

1. This is the detail sheet for the concrete bridge approaches. The existing approaches are to be removed and replaced with new ones to match the new profile grade.
2. The approaches are to be steel reinforced and there are some side slopes and paved ditch to be constructed as part of the approaches

QUESTIONS AND ANSWERS DURING THE MEETING

Q1. Can you provide earthwork volumes for the cross sections?

A1. NO. The engineering company does not have volumes figured in the way it was set up. The contractor shall make their own estimate of what the approximate quantities will be. Earthwork is paid as linear grading per station.

Q2. Are there bid items for the work on the Goldammer property?

A2. YES. The various work items are incorporated with the various items of work such as the rip rap, rock blanket, concrete work etc. There is a property coordination bid item listed in the JSP for the Goldammer property. This was left off the bid proposal by accident. It will be added with the addendum.

Q3. For the reinforced concrete in place item, does this include the box culvert extension and bridge approaches?

A3. YES.

Q4. Sugrade scarifying is in fill areas and compacting in cut is in cut areas. Does the compacting in cut have to be per MoDOT specifications with 12" of depth.

A4. NO. The compacting in cut requirements are specific to county work and specified in 203.3.8 on page 8-2 of the bidding documents.

Q5. What is the anticipated start date?

A5. Early July if we can get the contracts approved and signed quickly. We will issue notice to proceed as soon as we can.

Q6. Can we get an EXCEL file for the bid form?

A6. YES. We will either post it on the website or it will be emailed.

QUESTIONS AND ANSWERS AFTER THE MEETING

## Waterford / Mt. Hope Road

### Pre-Bid Minutes

#### Page 10

Q1. Do we delete the 4" of 2" base rock at shot rock/stabilization areas?

A1. YES. We will underrun the 2" base where we need to use the shot rock stabilization. We will clarify that in the addendum.

Q2. Cross-sections show 3:1 roadway in-slopes. This is contrary to typical roadway cross-section. Is this what is required on his job?

A2. The typical section on Sheet C0.03 shows a 3:1 max. The cross section show 3:1. These will govern. Sheet SS-1 shows a 2:1 max. This is an old sheet inserted into the plans for additional information. Disregard the 2:1 reference.

Q3. De we remove fences shown on Goldammer property on Waterford Road and Strobel Property on Mt. Hope and Waterford Roads?

A3. No. This will be done in advance.

Q4. Bid Items #401-12.09 & #401-30.00 appear to have the thickness of the base and surface switched. Please clarify.

A4. The bid proposal shows the thicknesses switched. We will correct this in the addendum with a new proposal form.

Q5. On the Bid Form, Item # 606-30.15A, the crashworthy end terminal TL-2 is stated as 25' long and a standard crashworthy end terminal is 50' long, however, these lengths do not match up with the measurements on SS8.

A5. The bid form is correct. Sheet SS-8 has in the heading for the Type A Crashworthy End Terminal that it is 25' in length. This is incorrect. It should read 50'.

Q6. Is there enough fill over the box culvert to install normal length 6' guardrail posts without modification?

A6. Yes. Fill depth range from 6-8'.

ESL:el

CC: File  
Attendees  
Planholders