

**ADDENDUM NO. 1
April 8, 2016**

TO: PLANS AND SPECIFICATIONS FOR

**SWIFT ROAD AND BOISE BRULE ROAD
GRAVEL ROAD UPGRADE
PROJECT NO. 2012-902-1 & 2012-903-1**

Bidders are hereby informed that the construction plans and/or specifications are modified as follows:

PRE-BID MEETING MINUTES

The minutes from the Pre-Bid Meeting held at 9:00 AM on April 7, 2016 at the office of the Cole County Fire Protection District Training and Administration Building, as attached, shall be included in the contract documents for this project.

NOTE:

There will be some changes to some quantities and also clarification of some items. This will be sent out as Addendum 2 at a later date.

BY THE ORDER OF:

Eric Landwehr, P.E., County Engineer
Cole County Department of Public Works
April 8, 2016

**SWIFT ROAD AND BOISE BRULE ROAD
GRAVEL ROAD UPGRADE
PROJECT NO. 2012-902-1 & 2012-903-1**

**PRE-BID MEETING MINUTES
April 7, 2016**

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
Tom Kliegel	CCPW	(573) 636-3614	(573) 636-8389
Kevin Light	CCPW	(573) 636-3614	(573) 636-8389
Don Rhea	Don Schnieders Exc.	(573) 893-2251	(573) 893-7749
Greg Muenks	MERA Excavating	(573) 897-2522	(573) 897-2522
Joan Muenks	MERA Excavating	(573) 897-2522	(573) 897-2522
Chris Schnieders	Jeff Schnieders Exc.	(573) 636-7335	(573) 634-2354
Mike Huff	Jefferson Asphalt	(573) 636-7121	(573) 636-7358

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 April 15, 2016**, for the **Swift Road and Boise Brule 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 Prior to the time and date designated for the receipt of bids, bids may be modified or withdrawn only by notice to the County Commission at the place and prior to the time designated for receipt of bids. No bids shall be withdrawn for a period of 90 calendar days after the scheduled closing time for receipt of bids.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 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.
4. **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.
5. A bid bond will be required in the amount of 5% of the bid. No personal checks will be accepted.
6. Questions regarding the plans and specifications will be taken up to **24 hours prior to the**

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- 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.
7. Prevailing wage rates are required on this project. The wage rates for Cole County are included in the specifications.
 8. The right is reserved by Cole County to reject any and all bids and to waive informalities therein.
 9. 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 "**Swift Road and Boise Brule Road Gravel Road Upgrade – Project No. 2012-902-1 & 2012-903-1, Construction Bid**" and shall be clearly marked with project title, bid date, bid time and bidder's name and address.
 10. 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.
 12. If awarded the contract, the Contractor agrees to complete the work by no later than **December 16, 2016** as defined in the specifications.
 13. **Liquidated damages** shall be **\$1,225.00** per calendar day for every day that the Contractor fails to complete the work as provided in the contract documents. In the event of utility delays or unforeseen circumstances, the county may grant a completion date or working day extension at that time. The County will make the final decision on all extensions.
 14. 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.
 15. **Do NOT include federal excise tax or sales and use taxes in the bid prices. This project will be a SALES TAX EXEPMT project. A copy of the federal tax exemption certificate will be furnished if required.** (This has changed from previous projects).

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

GENERAL PROJECT INFORMATION

1. There will be some minor changes to the plans discussed during this meeting. There will be NO direct pay for any of these changes. However, if a change is made after the bid award, then that will be considered as a change order with more or less pay warranted.
2. Pipe bid items are for furnishing and installing. The County will not furnish the pipe as in past 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.

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4. The County will provide vertical and horizontal control for this project as well as right-of-way markers and will 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. There will be rock on the project that will have to be excavated. It will be the contractor's responsibility to determine how much rock is present. All excavation is unclassified. Blasting may be used.
8. 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.
9. 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.
10. **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.

GENERAL COMMENTS

1. Centerline nails are set at this time. 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.
2. We were approached by ADS Pipe asking if we would allow plastic pipe on the project. The decision will be that all metal driveway pipes may be substituted with an equivalent grey plastic HDPP. If the driveway pipe has a flared end section, the flared end section shall remain as metal. All concrete crossroad pipes shall remain as is.
3. The contractor will have to sign a MoDOT permit for work on MoDOT ROW at Route H.

GENERAL SPECIFICATIONS

1. In regard to Section 108.3, please note that suspension of work by the Contractor will not be acceptable due to dry conditions. If conditions warrant, it will be the Contractor's responsibility to supply sufficient water and equipment to achieve the required compaction.
2. 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 2011 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. Section 211 addresses both the scarifying of the old roadbed as well as the incorporation of the subgrade aggregate.
3. The Contractor shall make himself familiar with Sections 216 and 310 of the Specifications for the gradation of the 2" clean rock and base rock.
4. During rock placement under Section 216 and 310, the Contractor shall adequately maintain the road to grade and remove piles of rock from the dumping operations.
5. Section 216 details requirements on incorporating the subgrade rock.
6. 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.
7. Section 801, 802 and 805 address the type and quantity of fertilizer, mulch and seeding required.
8. 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.

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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.

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. 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.
5. O. Removal and Replacement of Poor Subgrade Material – A quantity is shown in the plans and is believed to be the location 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.
6. T. Drainage – This provision outlines specifications on the pipe installations. Note that all pipe is furnished by the contractor and not the county like in past years.
7. O. through W 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.
8. X. 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.
9. AA. Permits – There is a MoDNR Land Disturbance permit and SWPPP for this project that the contractor shall follow. There will also be a USACE nationwide permit application submitted and a copy will be given to the contractor.

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. New 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. All other areas the Contractor it to clear to the right of way line.
4. There are areas on the project were extra clearing 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

1. Driveway to be constructed along Penny Hollow Road on Sharon Pace property approximately 425 feet southwest of Swift Road Intersection. Includes installation of 12" x 28' CMP with minor grading, placement of driveway aggregate to right of way line.
2. Note flowers and bushes to be relocated by Contractor as directed by owners Kliethermes/ Porter and Sharon Pace properties.

SHEET 2

1. Wright property Station 15+50 to 18+00 right side remove 8" and 18" trees located outside of right of way for Three Rivers Electric and move stones at driveway back to right of way as directed by the owners.
2. Station 18+00 to 20+00 left side move parallel driveway to outside of new right of way.
3. Clear additional 30 feet outside of right of way along right side Station 18+00 to 23+00 for Three Rivers Electric.
4. Clear additional 20 feet outside of right of way along left side Station 9+50 to 14+50 for Three Rivers Electric.

SHEET 3

1. Clear additional 20 feet outside of right of way along left side Station 10+00 to 15+00.
2. Clear additional 20 feet outside of right of way along right side Station 23+00 to 29+00 for Three Rivers Electric.
3. Station 27+00 to 31+00 centerline to be modified. To be staked by the Engineer.

SHEETS 5 & 6

1. Box culvert at Station 48+15. Guardrail to be installed at this location. Three feet extra shoulder width each side. See Project Quantity Sheet 3 of 3 for Guardrail Site One details and dimensions.
2. Swift Road intersection with Boise Brule to be reconstructed by obliterating portions of old roadbed. Note exposed rock.
3. Station 53+00 to 58+00 to be modified and constructed using centerline of existing roadbed. To be staked by the Engineer.
4. Station 58+00 to 61+00. Contractor to remove existing concrete slab low water crossing and place two sixty inch RCP culverts with flared end sections. Plans are currently being revised to add one additional section of sixty inch RCP (8 feet) to each culvert. Also an additional 42 inch by 132 foot RCP will be added to carry the existing ditch from the south to the east side into the main channel downstream from the sixty inch RCP's.

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5. Extra 20 foot wide clearing along right side Station 58+00 to 61+00 for Three Rivers Electric.

SHEETS 7 & 8

1. Station 80+00 to 83+00 clear additional 20 feet along right of way for Three Rivers Electric.

SHEET 9

1. Station 100+00 to 103+00 left side leave existing edge of road and ditch in existing location. Widen roadbed to right side.
2. Note existing driveway Station 101+99 right side. Fill and grade as necessary beyond right of way to improve grade.

SHEET 10

1. Note road alignment change Station 105+00 to 115+00.

SHEET 11

1. Station 117+19.39 to 122+00 to be modified and constructed using centerline of existing roadbed. To be staked by the Engineer.
2. Box culvert at Station 117+00. Guardrail to be installed at this location. Three feet extra shoulder width each side. See Project Quantity Sheet 3 of 3 for Guardrail Site Two details and dimensions.

SHEET 12

1. Station 127+64 to 129+19 note placement of 24" X 98' CMP to connect driveway culverts and eliminate section of ditch.
2. Station 127+00+/- and 136+25 +/- install 4" x 60' utility sleeve at minimum depth of 24".

SHEET 15

1. Station 160+00 to 190+00 salvage driveway and crossroad culverts for property owner.
2. Box culvert at Station 172+25. Guardrail to be installed at this location. Three feet extra shoulder width each side. See Project Quantity Sheet 3 of 3 for Guardrail Site Three details and dimensions.
3. Asphalt pavement to match top of exposed concrete box culvert.

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SHEET 16

1. Station 175+09 right. Construct new driveway. Grade up to 20 feet past right of way.

SHEET 17

1. Station 186+00 to 190+00 to be modified and constructed using centerline of existing road.

SHEET 18

1. See Route H intersection detail plan for culvert requirements and radius layout.

DETAIL SHEETS

1. Intersection details show additional asphalt and base quantities for the side roads.

UTILITIES

1. Centurylink is relocating their lines as needed. It will not run the whole length of the road since it is fed from both ends. There is a lot of overhead that will reconnect to Three Rivers' new poles.
2. Three Rivers has several areas of relocation and this has been mentioned with the extra clearing discussion.

QUESTIONS AND ANSWERS

- Q1. Concerning the 12" undergrading in rock cut, what are you requiring for fill material between the pavement and top of solid rock? Does clean rock need to be hauled in.
- A1. It needs to be a rock material and it can be chipped or shot rock material from on site. No dirt. You do not have to haul in clean rock
- Q2. Will anything be done to the deck of the bridge at 172+50?
- A2. NO.
- Q3. Are there additional quantities included in the total for the extra asphalt pavement at each intersection.
- A3. YES.
- Q4. 2" clean rock is shown on the hills. On past projects we have underrun the 2" and added more base rock. Will that be done on this project.
- A4. YES. The contractor will have flexibility to use less 2" rock and more base rock as needed. This will be explained more in the addendum.
- Q5. In the undergrading areas, will the 2" clean rock be needed.
- A5. We will likely underrun the 2" clean rock in these areas. You could use additional base rock if needed. This will be explained more in the addendum.
- Q6. Will we have to remove and salvage any fencing?
- A6. NO. Property owners are responsible for the fencing. Anything left in place that has to

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- be moved can be ripped out by the contractor during the clearing process.
- Q7. Can you give the breakout of the cut and fill quantities for each station?
- A7. YES. That will be provided in the addendum.
- Q8. There is an existing rock cut section on the left side at around 174+00. Will this need to be cut back?
- A8. As shown in the details sheet, any rock cut sections have to be cut back to 10' from the edge of shoulder. This would be 23' from the centerline. Whatever falls within that area would have to be cut back. The cross sections don't show this so it probably is at a +50 station.
- Q9. On the plans it shows to transplant some lilac bushes and other plants at the Pace and Porter/Kliethermes properties. Can we just put in new plants?
- A9. There is some history with those and the property owners wanted them transplanted and it was part of the agreement to get the ROW. So they need to be done according to plan unless you can get the property owners to agree to it and either put it in writing or verbally tell the County.
- Q10. When transplanting the items, who is responsible if it dies?
- A10. The property owner has been told they have to water them and the contractor will not have any liability after they are moved.
- Q11. If we do GPS grading, will the county do much grade checking?
- A11. We will verify at spots but shouldn't need to do as much checking.
- Q12. Will electronic files be available if we do GPS?
- A12. You will have to ask the engineer/surveyor for that. We believe it can be provided.
- A13. The specs say the county is doing the surveying but the contractor is also supposed to do some. What does the contractor have to do?
- A13. The county will set centerline and ROW offsets. The county will also stake pipes, guardrail, rip-rap and any other item needed per the plans. The county does NOT stake edge of road or slope stakes. That would be up to the contractor.
- Q14. The plans have driveway notes that say "see landowner for location." Will we have to do that?
- A14. NO. The county will work with them when the time comes. The note is there for the contractor to know that the driveway will not be in an exact location and could change.

ESL:el

CC: File
Attendees
Planholders