

ADDENDUM NO. 1

**LOESCH ROAD GRAVEL ROAD UPGRADE
PROJECT NO. 2021-901-1**

**COLE COUNTY DEPARTMENT OF PUBLIC WORKS
March 8, 2023**

PLAN SHEET CHANGES

The Bidder shall incorporate the following plan sheet changes into their bid:

SHEET 16

- Shoulder Aggregate Base – Type 1
 - Change thickness from 6" to 5".

SHOULDER AGGREGATE BASE - TYPE 1				
STATION - STATION	LENGTH (FT)	WIDTH (FT)	THICKNESS (IN)	TOTAL (SY)
0+00 - 30+95.10	6,190.20	2	5	1,375.6
31+00.66 - 78+00.33	9,399.34	2	5	2,088.74
78+01.16 - 99+10.42	4,218.52	2	5	937.45
			TOTAL:	4,401.8

SHEET 17

- Shot Rock
 - Add quantity.

SHOT ROCK	
STA	CUBIC YARDS
7+20 C/L	200.0
TOTAL:	200.0

END OF PLAN SHEET CHANGES

JOB SPECIAL PROVISIONS CHANGES

The Bidder shall make following changes to the Job Special Provisions:

JSP Y. REMOVAL AND REPLACEMENT OF POOR SUBGRADE MATERIAL

ADD the following:

2.2 Geotextile shall be Mirafi 180N or approved equal.

JSP QQ. ALTERNATE BID

1.0 Description. The County is considering an option to require the use of a Material Transfer Vehicle (MTV) when paving the 2" bituminous pavement layer. The Alternate as shown in the bid proposal shall include the additional cost for the Contractor to provide an MTV when paving the surface lift.

2.0 Basis of Payment. All costs associated with the above work shall be included in the bid items shown in "Add Alternate.

END OF JOB SPECIAL PROVISIONS CHANGES

BID PROPOSAL FORM

The following changes have been made to the Bid Proposal Form:

- Item 21 – Change 4 IN. WHITE WATERBORNE PVMT MARKING PAINT, TYPE P BEADS to 4 IN. YELLOW WATERBORNE PVMT MARKING PAINT, TYPE P BEADS.

21	4 IN. YELLOW WATERBORNE PVMT MARKING PAINT, TYPE P BEADS	LF	20,128.1		
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- Added Alternate Bid Item for MTV use.

A new Bid Proposal has been provided.

DOCUMENTS ATTACHED FOR REFERENCE

Minutes from Pre-Bid Meeting held March 2, 2023.

END OF ADDENDUM NO. 2

REVISED BID PROPOSAL FORM

PLAN HOLDER CONTACT INFORMATION**COUNTY OF COLE, MISSOURI****LOESCH ROAD GRAVEL ROAD UPGRADE
PROJECT NO. 2021-901-1**

All potential bidders **SHALL** complete this form and submit it to the Cole County Public Works email address listed below in order to provide contact information required. All other plan holders may submit this form at their own option. Addenda will be posted on the county website. In the event of disruption of website services, all such information will be communicated to all registered plan holders.

Any bids received from individuals/companies that do not submit this form in advance will not be opened.

Project Name: Loesch Road Gravel Road Upgrade
Project No. 2021-901-1
Bid Opening Date/Time: March 10, 2023
Plans and Specifications: Free Download Below

<https://colecouny.org/Bids.aspx?CatID=29&txtSort=Category&showAllBids=on&Status>

Contact Information: (All Information is Required)

Company Name (If Applicable): _____

Plan Holder Name / Contact: _____

Address: _____

City, State, Zip Code: _____

Phone: _____

Email: _____

Email this completed form to: ccpwprojects@colecouny.org

PROPOSAL FORM**COUNTY OF COLE, MISSOURI****LOESCH ROAD GRAVEL ROAD UPGRADE
PROJECT NO. 2021-901-1**

Name of Bidder: _____

Address of Bidder: _____

To: Cole County Department of Public Works
5055 Monticello Road
Jefferson City, MO 65109

THE UNDERSIGNED BIDDER, having examined the Plans, Specifications, Regulations of the Contract, Special Conditions and other proposed Contract Documents, and all addenda thereto; and being acquainted with and fully understanding (a) the extent and character of the work covered by this Proposal; (b) the location, arrangement, and specified requirements for the proposed work; (c) the location, character, and condition of existing streets, roads, highways, railroads, pavement, surfacing, walks, driveways, curbs, gutters, trees, sewers, utilities, drainage courses and structures, and other installation, both surface and underground which may affect or be affected by the proposed work; (d) the nature and extent of the excavations to be made, and the type, character, and general condition of materials to be excavated; (e) the necessary handling and re-handling of excavated materials; (f) the location and extent of necessary or probable dewatering requirements; (g) storm and flood water; (h) local conditions relative to labor, transportation, hauling, and rail delivery facilities; and (i) all other factors and conditions affecting or which may be affected by the work.

HEREBY PROPOSED to furnish all required materials, supplies, equipment, tools, and plant; to perform all necessary labor and supervision; and to construct, install, erect, and complete all work stipulated in, required by, and in accordance with the proposed Contract Documents and the drawings, Specifications, and other documents referred to therein (as altered, amended, or modified by addenda), in the manner and time prescribed and that he will accept in full payment sums determined by applying to the quantities of the following items, the following unit prices and/or any lump sum payments provided, plus or minus any special payments and adjustments provided in the Specifications and he understands that the estimated quantities herein given are not guaranteed to be the exact or total quantities required for the completion of the work shown on the drawings and described in the Specifications, and that increases or decreases may be made over or under the Contract estimated quantities to provide for needs that are determined during progress of the work and that prices bid shall apply to such increased or decreased quantities as follows:

**LOESCH ROAD GRAVEL ROAD UPGRADE
PROJECT NO. 2021-901-1**

BID PROPOSAL FORM					
ITEM	DESCRIPTION	UNITS	NO. OF UNITS	UNIT PRICE	AMOUNT
1	MOBILIZATION	LS	1		
2	REMOVAL OF IMPROVEMENTS	LS	1		
3	CLEARING & GRUBBING	LS	1		
4	ADDITIONAL CLEARING ADJACENT TO R/W	LS	1		
5	LINEAR GRADING	STA	99.04		
6	COMPACTING IN CUT	STA	42.75		
7	SUBGRADE SCARIFYING	STA	55.06		
8	SUBGRADE STABILIZATION	CY	2,239.0		
9	2" BASE ROCK (4" THICK)	SY	30,812.6		
10	TYPE 1 AGGREGATE FOR DRIVEWAY (4" THICK)	SY	2,176.7		
11	TYPE 1 AGGREGATE FOR SHOULDER (5" THICK)	SY	4,401.8		
12	TYPE 5 AGGREGATE FOR BASE (4" THICK)	SY	30,812.6		
13	2" FIBER REINFORCED BITUMINOUS PAVEMENT, PG64-22 (BP-1)	SY	24,899.9		
14	3" FIBER REINFORCED BITUMINOUS BASE, PG64-22 (BB)	SY	24,209.9		
15	COLDMILL EXISTING ASPHALT PAVEMENT	SY	690.0		
16	GROUTED ROCK LINING	SY	10.7		
17	NON-GROUTED ROCK LINING	SY	16.0		
18	GUARDRAIL, TYPE A	LF	860.0		
19	TYPE A CRASHWORTHY END TERMINAL	EA	6		
20	4 IN. WHITE WATERBORNE PVMT MARKING PAINT, TYPE P BEADS	LF	20,128.1		
21	4 IN. YELLOW WATERBORNE PVMT MARKING PAINT, TYPE P BEADS	LF	20,128.1		
22	GEOTEXTILE FABRIC	SY	7,367.0		
23	15" ALUMINIZED CORRUGATED METAL PIPE	LF	478.0		
24	18" ALUMINIZED CORRUGATED METAL PIPE	LF	30.0		
25	15" ALUMINIZED FLARED END SECTION	EA	26		
26	18" ALUMINIZED FLARED END SECTION	EA	2		
27	18" CLASS II REINFORCED CONCRETE PIPE	LF	240.0		
28	24" CLASS II REINFORCED CONCRETE PIPE	LF	16.0		
29	36" CLASS II REINFORCED CONCRETE PIPE	LF	72.0		
30	18" PRECAST CONCRETE FLARED END SECTION	EA	8		

BID PROPOSAL FORM (CONTINUED)					
ITEM	DESCRIPTION	UNITS	NO. OF UNITS	UNIT PRICE	AMOUNT
31	36" PRECAST CONCRETE FLARED END SECTION	EA	2		
32	SEEDING & MULCHING	AC	10.2		
33	TEMPORARY SEEDING & MULCH	AC	1.02		
34	SILT FENCE	LF	5,000.0		
35	STRAW BALE DITCH CHECK	EA	50		
36	ROCK DITCH CHECK	EA	50		
37	DITCH STABILIZATION STRUCTURES	EA	100		
38	TRAFFIC CONTROL	LS	1		
TOTAL BID					

ADD ALTERNATE					
ITEM	DESCRIPTION	UNITS	NO. OF UNITS	UNIT PRICE	AMOUNT
39	MATERIAL TRANSFER VEHICLE	SY	24,899.9		

BIDDER recognizes and acknowledges the receipt of the following Addenda:

DATE Addendum Number DATE Addendum Number

If the Bidder intends to use any subcontractor in the course of the construction, he shall list them. (If necessary, attach additional pages to list all subcontractors.)

Company Name Address City, State, Zip Work To Be Performed % of Bid

TIME OF COMPLETION:

The undersigned hereby agrees to complete the project by no later than **November 3, 2023**, subject to the stipulations of the regulations of the Contract and the Special Conditions.

It is understood that the specifications governing the construction of the work contemplated are those known and designated as the "Missouri Highway & Transportation Commission Standard Specifications for Highway Construction" approved by the Missouri Highways & Transportation Commission, together with the special provisions, job and general, if any attached to this proposal.

It is understood and agreed that if this Proposal is accepted, the prices quoted above include all applicable state taxes and that said taxes shall be paid by the Contractor.

The undersigned, as Bidder, hereby declares that the only persons or firms interested in the Proposal as principal or principals is or are named herein and that no other persons or firms than herein mentioned have any interest in this Proposal or in the Contract to be entered into; and this Proposal is made without connection with any other person, company, or parties making a bid or proposal; and that it is in all respects fair and in good faith, without collusion or fraud.

The undersigned agrees that the accompanying bid deposit shall become the property of the County should he fail or refuse to execute the Contract or furnish Bond as called for in the specifications within the time provided.

If written notice of the acceptance of this bid is mailed, telegraphed, or delivered to the undersigned within ninety (90) days after the date of opening of bids, or any time thereafter before this bid is withdrawn, the undersigned will, within ten (10) days after the date of such mailing, telegraphing, or delivering of such notice, execute and deliver a Contract in the form of Contract attached.

The undersigned hereby designates as his office to which such notice of acceptance may be mailed, telegraphed, or delivered:

Contact Person	Company Name	Mailing Address	City, State & Zip Code
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It is understood and agreed that this bid may be withdrawn at any time prior to the scheduled time for the opening of bids or any authorized postponement thereof.

Attached hereto is a Bid Bond for the sum of _____

 _____ (\$ _____)
 Dollars (cashier's check), made payable to the County of COLE.

SIGNATURE AND IDENTITY OF BIDDER

The undersigned states that the correct LEGAL NAME and ADDRESS of (1) the individual bidder, (2) each partner or joint venturer (whether individuals or corporation, and whether doing business under a fictitious name), or (3) the corporation (with the state in which it is incorporated) are shown below; and that (if not signing with the intention of binding himself to become the responsible and sole contractor) he is the agent of, and duly authorized in writing to sign for the Bidder or Bidders; and that he is signing and executing this (as indicated in the proper spaces below) as the proposal of

AN INDIVIDUAL:

 Name of Individual

 Residence Street Address

 Social Security Number

 City, State & Zip Code

 Firm Name, If Any

 Business Address

 Business Telephone Number

 City, State & Zip Code

 Signature

 Date
A PARTNERSHIP:

 Name of Partnership

(State Names & Addresses of All Partners)

 Partner

 Residence Address

 Partner

 Residence Address

 Business Address

 City, State & Zip Code

 Business Telephone Number

 Signature of At Least One Partner

 Date

A CORPORATION:

Name of Corporation

Incorporated under the laws of the State
of _____

Name and Title of Officer

Corporate License No. _____
(If a corporation organized in state other
than Missouri, attach Certificate of _____
Authority to do business in the State of
Missouri.)

Business Telephone Number

Business Address

City, State & Zip Code

Signature of Officer

Date

ATTEST:

Signature of Secretary (SEAL)

Date

ANTI-COLLUSION STATEMENT

STATE OF _____)
)
)
COUNTY OF _____)

being first duly sworn, deposes and says that he is

_____ of _____
Title of Person Signing Name of Bidder

Address of Bidder

that all statements made and facts set out in the proposal for the above project are true and correct; and that the bidder (The person, firm, association, or corporation making said bid) has not, either directly or indirectly, entered into any agreement, participated in any collusion, or otherwise taken any action in restraint of free competitive bidding in connection with such bid of any contract which result from its acceptance.

Affiant further certifies that bidder is not financially interested in, or financially affiliated with, any other bidder for the above project.

(BY) _____

(BY) _____

Sworn to before me this _____ day of _____, 20_____

Notary Public

My commission expires: _____

CONTRACTOR'S AFFIDAVIT

STATE OF _____)
)
)
COUNTY OF _____)

This affidavit is hereby made a part of the Proposal, and an executed copy thereof shall accompany each Proposal submitted.

The undersigned, _____, of
lawful age, being first duly sworn states upon oath that he is _____

the Contractor submitting the attached proposal, that he knows of his own knowledge and states it to be a fact that neither said proposal nor the computation upon which it is based include any amount of monies, estimate or allowance representing wages, moneys or expenses, however designated, proposed to be paid to persons who are not required to furnish material or actually perform services upon or as a part of the proposed project.

AFFIANT

Subscribed and sworn to before me, a Notary Public, in and for the County and State aforesaid, this _____ day of _____, 20_____.

Notary Public

My commission expires _____

Minutes from Pre-Bid Meeting held
March 2, 2023

**LOESCH ROAD
GRAVEL ROAD UPGRADE
PROJECT NO. 2021-901-1**

**PRE-BID MEETING NOTES
March 2, 2023**

The meeting was held at the Cole County Fire Protection District Training and Administration Building beginning at 9am. Those attending the meeting are listed below:

<u>Name</u>	<u>Representing</u>	<u>Phone</u>
Mattheuw Prenger	CCPW	573-636-3614
Brad Wyss	CCPW	573-619-5633
Ryan Muenks	Mera Excavating	573-645-0752
Ted Neuner	Three Rivers Electric	573-536-1125
Scott Schulte	Three Rivers Electric	573-338-1209
Quintin Matheis	Jefferson Asphalt	573-418-9997
Scott Kempker	MMLC	573-690-5628
Don Rhea	Don Schnieders Excavating	573-893-2251
Jim Dallas	Twehous Excavating Co. Inc	573-395-4354
Ty Golden	Emery Sapp	573-445-8331
Brent Cain	CCPW	573-291-1499
Spencer Coonce	CCPW	573-338-0906

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 March 10, 2023**, for the **Loesch 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. 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 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.

Loesch Rd Gravel Road Upgrade

Pre-Bid Minutes

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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 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.**
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 "**Loesch Road Gravel Road Upgrade, Project No. 2021-901-1, 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 spreadsheets for the unit price items to help alleviate problems with computation mistakes. If a spreadsheet 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 3, 2023.**
14. **Liquidated damages** shall be **\$1,000.00** per calendar day for every day that the Contractor fails to complete the work as provided in the contract documents.
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 Matt Prenger regarding the plans and specifications:

GENERAL PROJECT INFORMATION

1. The contractor is highly advised to visit the project location to observe existing site conditions.
2. The contractor shall provide a work schedule and traffic control plan prior to beginning work.
3. OSHA safety training requirements apply. The contractor shall provide documentation that each employee has completed the training program and each employee that has not must do so within 60 days of beginning work on the project.
4. Excessive unemployment law is in effect.
5. 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.
6. The County will be providing the inspection for the road construction.
7. 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.
8. 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.
9. 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 the grades are obtained.
10. Grading for the road is paid for as linear grading. Subgrade scarifying is paid where there is fill shown on the plans. Compacting in cut is where we show cut.
11. 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.
12. 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.
13. **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.
14. **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.
15. Centerline nails will be set before construction starts. Control points will be set and some ROW will be staked prior to construction. We will also stake the extra clearing locations.
16. 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

1. The technical specs for this project will be the latest effective version of the MoDOT spec book, except as modified in the bid documents.
2. Section 203.4.4.2 addresses undergrading 12" in rock cut.
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. 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 corners are in place.
5. Section 801, 802 and 805 address the type and quantity of fertilizer, mulch and seeding required.
6. Section 804 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 mowed by the landowners, rocks larger than **1 inch** will have to be removed. In all other areas, existing soil can be used, 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 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 specification, the Contractor will have to provide acceptable material at no additional costs.

JOB SPECIAL PROVISIONS

1. C. Work Zone Traffic Management. All work shall be in accordance with applicable portions of Division 100 and Division 600 of the Standard specifications and the latest revision to Chapter 6 of the Manual on Uniform Traffic Control Devices (MUTCD). Road closures will only be allowed if approved by the County at least 2 days prior to closure. A traffic control plan shall be submitted to the County at least 15 days prior to beginning work.
2. L. Permits. There is a MoDNR Land Disturbance Permit and SWPPP for this project that the Contractor shall follow. The Floodplain Development Permit is being worked on and should be available before construction starts.
3. O. 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

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considered completely covered by the bid item with no additional payment warranted. Some existing pipes to be removed may be salvaged for the landowner.

4. Q. Drainage. The provision outlines specifications on the pipe installations. CMP gauges and RCP class is shown.
5. V. and X. 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. Y. Removal and Replacement of Poor Subgrade Material. A quantity is shown in the plans based on estimated locations where poor subgrade may exist. This is an arbitrary amount. No rock shall be placed unless necessary as determined by the County. The 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. BB. Through MM. Deals with the asphalt paving. The 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. NN. 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. PP. 2" Base Rock. A gradation for this rock is listed in the JSP. This is the first layer of base

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.
6. There are 4 property owners to work with that would like to save wood from the clearing.
7. As this project proceeds, we will check the driveways to make sure they tie into existing grades.
8. There are 2 utilities on the job and both are overhead.
9. Please note the plans and specifications call for fiber reinforcing in the asphalt, both the surface lift and the base lift.

QUESTIONS AND ANSWERS

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

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- Q1.** There are several different geotextiles available that meet the specifications. Is there a specific geotextile the County would like to use?
- A1.** The County typically uses Mirafi 180N geotextile or approved equal.
- Q2.** Has the County given any thought to using a Material Transfer Vehicle (MTV) for the asphalt?
- A2.** The County will consider using an MTV for the surface lift of asphalt as an add alternative. See JSPs and updated Bid Form.
- Q3.** The bid form shows Type 1 Aggregate for Shoulder (5" Thick). The project quantity sheets shows 6" thick. Please clarify.
- A3.** This items shall be 5" thick as shown on the typical sections. See updated plan sheets.
- Q4.** The plan sheets call for 200 cy of shot rock at the downstream end of the 36" pipe at Sta 7+20. There is no pay item for this. Please clarify. Also, does this require geotextile under it?
- A4.** See updated quantity sheets and Bid Form. No, this area doesn't require geotextile.
- Q5.** Are there cross sections available for this project?
- A5.** No. This project is set up with linear grading and most of the project follows the old alignment.
- Q6.** Will CADD files or electronic deliverables be available for this project?
- A6.** At this time, we have the centerline on CADD. This electronic deliverable will be available to the winning bidder.
- Q7.** The JSPs show a seeding rate of 350 lbs/acre. The Technical Specifications show a seed rate of 250 lbs/acre. Please clarify.
- A7.** The JSPs is the seeding rate for Turf Type Tall Fescue (commonly referred to as Triple T). The Technical Specifications is the seeding rate for a mixture of Kentucky 31 tall fescue and annual rye. The seeding rate to use will be based on the seed mixture the Contractor chooses to use.
- Q8.** The typical sections show 4" of Type 5 Aggregate Base over 4" of 2" clean rock. What happens on areas of the existing road?
- A8.** The existing road bed will need to be scarified and widen. On the whole length of the project, place 4" of 2" clean rock on prepared subgrade, mix with upper 6" of subgrade and compact. Over this, place 4" of Type 5 Aggregate Base and compact.
- Q9.** Is the intent that the final road grade be exactly the grade shown on the plans? In the past, there was some latitude on the alignment both horizontally and vertically as long as the transitions were smooth and generally centered in the R/W.
- A9.** See General Project Information in this addendum.

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Q10. Will the County be providing a centerline with grades to finish pavement for rough grading and then staking with offsets from the edge of paving with grades for finish grading?

A10. See General Project Information in this addendum.

Q11. Do you have a quantity or callout on the plans show clearing and grubbing needed for the project?

A11. Some of the R/W will need to be cleared and grubbed. These areas will be marked before the start of construction. These areas are mainly where the new alignment leaves the existing alignment and the additional clearing areas specified for the overhead electric lines.

Q12. How far off the edge of paving does the guardrail need to be? Does the shoulder need to be wider in these areas?

A12. The face of the guardrail will need to be inline with the edge of the shoulder (2' from the edge of pavement). The edge of shoulder will stay 2' off the edge of pavement, but the breakpoint for the foreslope of the ditch will need to be shift out a minimum of 1'-5". See MoDOT Standard Plans.

Q13. Quantities for subgrade stabilization do not match the length and width shown on the quantity sheets. Please clarify.

A13. This is a general location where subgrade stabilization may be needed. See JSPs for more information.

Q14. Line Items 20 and 21 both show white striping paint. Please clarify.

A14. Line Item 21 should be yellow paint.