



October 1, 2019

ADDENDUM NO. 5

Notice to All Persons and Firms Proposing
to Submit a Bid or Furnish Materials for
Allen Road Bridge No. 329
St. Louis County Project No. CR-1274
Federal Project No. STP-4900(634)

The construction contract for this project has been revised as follows:

No. 1

The following information is provided as supplemental guidance regarding the MSE wall construction.

Max Wall Height (feet)	Minimum Embedded Depth (feet)	Minimum Strap Length (feet)	Factor Bearing Pressure (psf)	Factor Bearing Resistance (psf)
8	2	8	1,940	2,100
12	2	12	2,760	3,300
16	2	15	3,650	4,000
20	2	18	4,500	4,700
24	2.5	21	5,420	5,500

Additionally, the global stability analysis calculations completed by the engineering firm of record for both the east and west bridge abutments are attached to this Addendum.

No. 2

Note the revisions to the following Job Special Provisions (JSPs):

REMOVE the JSP 100.10.2 COMPLETION OF PROJECT and **REPLACE** with the attached JSP 100.10.2 COMPLETION OF PROJECT

ADD the attached JSP 1200.70.16 BRIDGE CONSTRUCTABILITY ITEMS – ALLEN ROAD BRIDGE NO. 329

No. 3

The following clarification is offered regarding the UPRR's estimate for plan review, inspection, and flagging costs:

- Estimated costs for UPRR plan review & UPRR inspections = \$65,000
- Estimated costs for flagging = \$1,267 per day

Potential bidders are advised that the above figures are estimates only and are included only as guidance. Actual values will be dependent on the number of submittals and inspections required, as well as on the means and methods utilized by the successful bidder.

No. 4

The following is a list of questions posed as a result of the Pre-Bid Meeting held on September 17, 2019. St. Louis County's response immediately follows each question.

Question #1: Based on information provided by UPRR, it appears that there may not be enough time allotted for this project due in large part to lost production due to the number of daily trains along with the submittal approval process for a project with this complexity. Will you be revising the completion time for this project?

St. Louis County Response #1: Yes, the completion schedule for this project has been revised. Please see the revised JSP 100.10.2 "Completion of Project" attached to this Addendum.

Question #2: You stated that St. Louis County no longer makes the project estimates public. However, what does the County intend to do should the pricing received for this project come in above the County's estimate, which I think we all believe is a very good possibility?

St. Louis County Response #2: St. Louis County has a process for obligating additional funds for this project based on bids received.

Question #3: Jordon [Albers, from the UPRR] stated that all subcontractors will need their own Right of Entry. Having worked on numerous UPRR projects in the past, subs have always worked under the general contractor's ROE. Can you please verify this with Jordon? In addition, will subcontractors have to submit plans for their own work? For instance, if a general contractor uses a subcontractor for the bridge demo, who will be responsible for the demolition plan submittal?

St. Louis County Response #3: Per the UPRR, each Contractor and Subcontractor will be required to pull their own ROE. The UPRR will require one all-inclusive submittal for the project, and only one point of contact for that submittal. The UPRR has no preference as to who completes the submittal, so the Contractor could direct one of their Subcontractors to prepare the submittal to the UPRR if they wish to do so.

Question #4: Please provide a timeline that clarifies the contract process that includes contract award and NTP. The current specs state 3-8 weeks for contract award and 120 days for NTP, but these are estimates only. This is critical in determining when work can begin on the submittal process and when we believe we will actually be able to start work after obtaining approval and ROE. In addition, it should be noted that there are items that are time-sensitive such as select tree removal between 11/1 and 3/31 along with the migratory bird specification, so these items will need to be addressed immediately while waiting for UPRR approval and ROE. I would hope that this would be considered if revisions are made to the contract duration.

St. Louis County Response #4: The project schedule has been revised as noted in response #1 above. Please see the revised JSP 100.10.2 "Completion of Project" attached to this Addendum. St. Louis County believes the revisions to the schedule should allow the appropriate times for the issues such as the tree removal and migratory birds.

Question #5: Due to the close proximity of the Ameren overhead lines, is it possible to de-energize the lines during the bridge deck pour as well as the girder placement? This is due to the pump truck, bridge deck machine, and crews working with concrete finishing tools.

St. Louis County Response #5: St. Louis County has confirmed with the appropriate Ameren representatives that Ameren will de-energize their lines as necessary for the project. Ameren will require as much advance notice as possible from the Contractor for de-energizing these lines.

Question #6: Due to UPRR not allowing any absolute windows, will Ameren de-energize the power lines during the demolition process as this will likely involve numerous cranes?

St. Louis County Response #6: As noted in response #5 above, St. Louis County has confirmed with the appropriate Ameren representatives that Ameren will de-energize their lines as necessary for the project. Ameren will require as much advance notice as possible from the Contractor for de-energizing these lines.

No. 5

Attached to this Addendum, please find the following supplemental documents:

- Summary of the Pre-Bid Meeting notes as captured by St. Louis County (4 pages)
- Example plans of similar projects shared by Acrow Bridge (25 pages)
 - NOTE: St. Louis County does not warrant that the details and construction methods shown in these examples are suitable for this project. These examples are offered only as a service to the potential bidders.
 - St. Louis County is not endorsing or requiring the use of any specific product. The examples provided are solely intended to demonstrate successful solutions utilized on similar projects.

ATTENTION BIDDERS: THE FOLLOWING MUST BE COMPLETED:

- **ADDENDUM ACKNOWLEDGEMENT IN THE BID DOCUMENTS MUST BE COMPLETED AND SUBMITTED WITH ALL BID PROPOSALS.**



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JWK/prt

Attachments: Global Stability Analysis Calculations; JSP 100.10.2; JSP 1200.70.16; Pre-Bid Meeting Notes; Example Plans