

**VIRTUAL PRE-BID CONFERENCE AGENDA**  
**Jasper County, Routes 171 and O**  
**Job Numbers J7P3262, J7P3263, J7P3268, J7S3189J**  
**February 9, 2021**  
**Virtual Meeting via WebEx**

**I. INTRODUCTIONS (Craig Switzer)**

- A. Welcome and Housekeeping:
  - a. Introduce myself as project contact.
  - b. Welcome to the virtual pre-bid meeting for projects J7P3262, J7P3263, J7P3268 and J7S3189J – call G03 in the February 19, 2021 letting.
  - c. Please mute your mics if not talking.
- B. Attendance List:
  - a. Attendance list, minutes and a recording of the meeting will be posted on Bidding and Contracting's website.

**II. KCS RAILROAD UPDATE J7P3262 (Greg Leary and Chris Ashley)**

- A. Description of Work and Railroad Coordination Requirements:
  - a. Some work will need to occur on the railroad right of way – widening of Route YY and signal interconnect for the blank-out signs.
- B. JSP Y – Kansas City Southern Railway Company Requirements:
  - a. Manny Loureiro is the Railroad Engineer (c/o Chris Ashley), and has final authority in all matters regarding the railroad.
  - b. Contact Denise Case for right of entry. A minimum of 30 days is needed to obtain right of entry to work on railroad right of way. Be aware of processing and permit fees.
  - c. Plans review requirements – be aware of timelines.
  - d. Insurance requirements.
    - i. **Section 7.0 – We will be releasing an addendum for percentage of work to be performed on railroad right of way = 1%.**
  - e. Flagging requirements.
  - f. Site inspections – Work with the railroad on these.
    - i. Furnish a detailed construction schedule for work on railroad right of way. The railroad needs to review and approve this before work on the railroad right of way can begin.
    - ii. Keep the schedule updated and keep the lines of communication with the railroad open.
    - iii. Be sure to inform the railroad when construction on their right of way is complete so that they can perform their final site inspection and process final invoices.
- C. JSP OO – Railroad Interconnect Cable:
  - a. Supply a railroad-approved interconnect cable.
  - b. Coordinate with Chris Ashley for connection to the railroad equipment in the railroad house.
  - c. Conduit under the railroad tracks has already been installed.
- D. JSP ZZ – Railroad Engineering:

- a. Covers contractor cost for railroad permits, fees, inspections, plans production, plans reviews and any other items required by the railroad.
- E. Turn it over to Chris Ashley and Greg Leary for questions:
  - a. From Chris:
    - i. Right of Entry – Recommend submitting this ASAP – 30 days minimum but can take up to 45 days – Keep Chris informed of progress.
    - ii. Insurance is typically good for 6 months.
    - iii. Coordinate with utilities. Utilities have permits for railroad crossings.
    - iv. Right of Entry will spell out flagger requirements.
    - v. Chris has reviewed and approved the MoDOT plans.
    - vi. Use standard MoDOT signal cable for interconnect.
    - vii. Need a minimum of 30 days’ notice to hook up the interconnect cable. This is typically done after the road signals (in this case, blank out signs) are installed and ready to be put into operation.
    - viii. Keep Chris in the loop – communicate frequently.
  - b. Opened the floor for questions – there were no questions.

### III. PROJECT OVERVIEW (Craig Switzer)

- A. J7P3262:
  - a. Overlay Route 171 from the Kansas state line to Fir Road in Airport Drive.
  - b. Construct a roundabout at the intersection of Routes 171, 96 and YY.
  - c. Construct turn lanes at Sunset Drive and Gum Road.
  - d. Extend SB right turn lane at Fir Road.
  - e. Minor ADA work in the city of Asbury.
  - f. March 18 NTP, December 15 completion date.
    - i. Call attention to early NTP.
  - g. Pavement Design:
    - i. Overlay: 0.5” coldmill with 1.5” SP095C on the lanes, and 1” surface leveling on the shoulders.
    - ii. New full-depth pavement at roundabout and turn lanes: Alternate 12.5” asphalt or 9” concrete on 6” type 5 aggregate base.
    - iii. 9” concrete pavement for roundabout truck apron.
  - h. Upcoming addendum on the signing plans:
    - i. Switching to 7 gauge anchors for all PSST posts.
    - ii. Using embedded footings for all PSST posts.
- B. J7P3263:
  - a. Overlay Route 171 from Fir Road in Airport Drive to Centennial Avenue in Webb City.
  - b. April 5 NTP, November 1 completion date.
  - c. Pavement Design:
    - i. Call attention to typical sections for the various pavement treatments.
    - ii. Overlay: 0.5” coldmill with 1.5” SP095C on the lanes, and 1” surface leveling on the shoulders.
    - iii. Overlay: 1.5” mill and fill with SP095C on the lanes, fog seal on the shoulders. Some areas with curb and gutter.

- iv. At Madison, Oronogo and Main Intersections: To address rutting at these locations – mill down to existing concrete and go back with 1.5” SP095C over variable depth SP190C.
- v. Includes pavement marking for the concrete pavement at the Centennial Avenue roundabout.

C. J7P3268:

- a. Overlay Route 171 from Centennial Avenue in Webb City to I-49 in Carthage.
- b. Includes various overlay treatments or exceptions at the various bridges within this project – check plans carefully.
  - i. Call attention to bridge L0293 (WB bridge over Center Creek) where our bridge maintenance crew has recently replaced the expansion joints. Concrete around new joints needs to be excepted from the overlay, and protect the rubber seal so that asphalt doesn’t enter the joint during overlay.
- c. Includes curb blockouts at bridges over the Ruby Jack Trail.
- d. May 3 NTP, November 1 completion date.
- e. Pavement Design:
  - i. Overlay: 1.5” mill and fill with SP095C on the lanes, fog seal on the shoulders.

D. J7S3189J:

- a. Overlay Route O from Route D in Alba to Route 96.
- b. Construct 2’ shoulders from the Alba city limits to Route 96.
- c. April 5 NTP, November 1 completion date.
- d. Pavement Design:
  - i. 1.25” modified BP-2 on the lanes.
  - ii. New shoulders 1.25” modified BP-2 over 2.5” BP-1.

E. Construction DBE goal is 7%.

F. 1 trainee slot at 1,000 hours.

#### **IV. ENVIRONMENTAL STATUS (Caleb Knerr)**

- A. J7P3262, J73263, J7P3268, J7S3189J
- B. JSP Z (J7P3262) – Water Quality Control Measures in Consideration of Sensitive Species – Spring River is critical habitat and water quality needs to be protected. Be familiar with the conditions of this JSP.
- C. JSP GG (J7P3262) and JSP DD (J7S3189J) – Sensitive Streams or Waterbodies Near Project Area – Prevent debris and construction materials from entering waterways.

#### **V. RIGHT OF WAY ACQUISITION STATUS (Randy Coffey)**

A. J7P3262:

- a. JSP AAA – Parcel 5 Property Access Requirements
  - i. This parcel contains FAA equipment.
  - ii. Maintain access to the parcel at all times, 24/7.
  - iii. Do not disrupt electrical power to the parcel.
  - iv. All new fence and gate materials shall match the height and material quality of the existing gate and fence.

- v. Contact the FAA representative Scott Krumme to coordinate work on this parcel. FAA will provide oversight and approval of construction activities.
- b. JSP BBB – Property Owner Notification Requirements
  - i. Notify property owners a minimum of 30 days in advance of removal or disturbance of any fencing.

## **VI. UTILITY RELOCATION STATUS (Jason Stewart)**

- A. J7P3262:
  - a. AT&T Distribution:
    - i. Relocating fiber optic lines.
  - b. Craw-Kan Telephone:
    - i. Relocating phone lines.
  - c. Liberty Utilities:
    - i. Transmission lines stay where they are at but will be raised to span the roundabout and the railroad.
  - d. Jasper County PWSD #2:
    - i. Relocating water lines.
- B. Completion anticipated by May 1.

## **VII. CONSTRUCTION STAGING & TRAFFIC CONTROL (Craig Switzer)**

- A. J7P3262:
  - a. Call attention to the work hour restrictions in JSP C, Section 3.3:
    - i. Work restricted from 6:00 AM to 8:00 PM.
    - ii. Work with the RE office if you are wanting to work between these hours.
  - b. Call attention to the road closure timelines in JSP C, Section 4.3:
    - i. 60-day closure allowed to construct the roundabout. Detour routes are set up in the traffic control plans.
    - ii. Sunset Drive closure is allowed for one night 8:00 PM to 6:00 AM for installation of a crossroad pipe.
    - iii. Gum Road closure is allowed for 7 days for intersection improvements.
    - iv. Sunset Drive and Gum Road shall not be closed simultaneously.
    - v. Route 171 closure is allowed for one night 8:00 PM to 6:00 AM for installation of a crossroad pipe near Gum Road. This closure shall coincide with phase 2, but shall not be simultaneous with the Gum Road closure.
- B. J7P3263:
  - a. Call attention to the work hour restrictions in JSP C, Section 3.3:
    - i. Work restricted from 6:00 AM to 8:00 PM.
  - b. Standard lane drops.
  - c. Closures allowed on side streets while doing intersection work.
- C. J7P3268:
  - a. Standard lane drops.
  - b. No work hour restrictions.
- D. J7S3189J:

- a. Standard 1-lane, 2-way operation.
- b. No work hour restrictions.

## **VIII. JOB SPECIAL PROVISIONS (Craig Switzer)**

A. Call attention to notable items in the JSPs. I am not covering all JSPs.

B. J7P3262:

- a. H – Removal and Delivery of Existing Signs
  - i. Deliver all signs to the Joplin Maintenance Lot
- b. J – Alternates for Pavements
  - i. 12.5” asphalt or 9” concrete
  - ii. Applies to areas with new full-depth pavement: 171/96/YY roundabout, turn lanes at Gum / Sunset / Fir Roads
  - iii. Be aware of life cycle costs that will be added for the asphalt alternate.
  - iv. Grading is designed for the thinner (concrete) alternate.
  - v. Contrast pavement markings are no direct pay if electing to use concrete pavement.
- c. K – Contractor QC
  - i. This will be a contractor QC job.
- d. M – Optional Temporary Pavement Marking Paint
  - i. Allows the contractor to install temporary pavement marking in 2021 and wait to install permanent pavement marking in 2022.
  - ii. Pay attention to the time and weather limitations in the JSP.
- e. N, O, P – Intelligent Compaction, Paver Mounted Thermal Profiles, Superpave Performance Testing and Increased Density
  - i. Call attention to the added equipment, data and testing requirements.
  - ii. A 1% incentive is available for elevated density.
- f. Q – Access to Commercial Properties
  - i. Work with property owners when working around entrances.
- g. AA – Pavement Marking Log
  - i. Contractor shall log all pavement markings and put back what was there, unless the plans say differently or as directed by the engineer.
- h. HH – Contractor Furnished Embankment in Place – Borrow
  - i. 1,420 CY of embankment in place is required.
  - ii. Contractor furnished material needs to be equal to or better than the material on the project, and is subject to the approval of the engineer.
- i. LL, MM, NN and QQ – Cantilever Sign Structure, Blank Out Signs and Blank Out Sign Mounting Brackets, Signal System Spare Parts
  - i. Signs are to be mounted on traffic signal mast arms.
  - ii. Sign and bracket details are shown in the JSP.
  - iii. One spare of each blank out sign is to be delivered to the Joplin Signal Shop
- j. RR – Controller Assembly
  - i. Provides details on theory of operation with the railroad equipment, cabinet construction and required electrical components.
- k. UU – Liquidated Damages Specified
  - i. \$29,000 per day for the 171/96/YY intersection.
  - ii. \$5,000 per day for the Sunset Drive / Gum Road intersections.
- l. VV – Liquidated Damages for Winter Months

- i. Call attention to it.
  - m. DDD – Coordination of Traffic Control with Adjacent Governmental Entities
    - i. Coordinate with KDOT on traffic control zone setup in Kansas.
    - ii. Work with KDOT to obtain any permits or approvals.
- C. J7P3263:
  - a. Contractor quality control
  - b. Intelligent compaction
  - c. Paver-mounted thermal profiles
  - d. Superpave performance testing and increased density
  - e. Pavement marking log
  - f. Optional temporary pavement marking paint
  - g. W – Cooperation Between Contractors:
    - i. ADA project J7P3283
    - ii. Coordinate pavement marking with the ADA project
- D. J7P3268:
  - a. Contractor quality control
  - b. Intelligent compaction
  - c. Paver-mounted thermal profiles
  - d. Superpave performance testing and increased density
  - e. Pavement marking log
  - f. Optional temporary pavement marking paint
  - g. R – Missouri and Northern Arkansas Railroad Requirements
    - i. For overlay of bridges A3470, L0289 and A3475
    - ii. Interference with railroad operations is not anticipated
    - iii. Call contractors' attention to this JSP – become familiar with the requirements – this is a no direct pay item.
- E. J7S3189J:
  - a. Contractor quality control
  - b. Pavement marking log
  - c. Optional temporary pavement marking paint
  - d. H – Modified Bituminous Pavement Mixture (BP-2)
    - i. Revised gradation for 1.25" thickness
  - e. X – Linear Grading Class 2 for Shoulders and BB – Shoulder Grading
    - i. Shoulder grading confined to the ditch foreslope (estimated 75% of project)
    - ii. Linear grading class 2 for shoulders includes moving the ditch over and grading on the ditch backslope (estimated 25% of project)
  - f. CC – Cooperation Between Contractors
    - i. ADA project J7S3250
    - ii. Coordinate pavement marking with the ADA project

## IX. CONTRACTOR QUESTIONS AND ANSWERS

- A. We are missing pay item 6143013, type 3 manhole frame and cover, for the type T drop inlet on J7P3262? **Yes, we confirmed this pay item was missing. We will include this item in the upcoming addendum.**
- B. No other questions.