Sam Page County Executive



Stephanie Leon Streeter, P.E. Director

August 24, 2023

ADDENDUM NO. 1

Notice to All Persons and Firms Proposing to Submit a Bid or Furnish Materials for James S. McDonnell Blvd. Bridge No. 164 St. Louis County Project No. AR-1518 Federal Project STP-4900(640)

This addendum addresses several inquiries that were received that resulted in modifications to the Construction Plans and Contract Specifications as follows:

Question No. 1 Do the plans call for shell pipe pile material?

County response: The plans do not call for shell pile pipe material.

Question No. 2

Will the County provide an excel version of the Itemized Bid From to assist with completing the bid documents.

County response: The Itemized Bid Form is provided in pdf form only.

Question No. 3

Will there be a pre-bid meeting for this project?

County response: No, there will not be a pre-bid meeting for this project.

Question No. 4

How long does USACE/HGL anticipate needing for their cleanup for Phase 2 of the project?

County response:

USACE/HGL anticipates cleanup for Phase 2 to take 10 months.

Question No. 5

Will stay in place prestressed concrete panels be able to be used in forming the deck in the areas between the girders?

Page 2

County response: No, prestressed concrete panels will not be utilized in this project.

Question No. 6

Per JSP B-2 Project Phasing, in Phase 1 the wireless communication devices for temp. signal interconnect are to be installed at Sta. 27+75 and 64+75 and the installation of the new signal interconnect from 27+75 to 64+75 should be done by the COUNTY Contractor in Phase 3. Plan Sheet 7 of 63 and 9 of 63 calls for the removal of the existing 36 Fiber Cable and the installation of a 48 Fiber Cable with the existing Pull Boxes and Conduit System being removed from 35+00 to 60+50+- (Exist UIP Pull Box) by others.

County response:

The County's Bridge contractor will remove and replace the conduit and pull boxes from Sta. 27+75 to 34+35, the FUSRAP contractor will remove and replace the conduit and pull boxes from Sta. 34+35 and the County's Signal electrical contractor will pull and connect the 48 fiber cable.

Question No. 7

Pay Item 904-52.00 (2" PVC Conduit) is to be installed from 27+75 to 60+50 (3275 LF) but no mention of the Pull Boxes (32 thru 37) being installed or a pay item set up for these(Sheet 9 of 63).

County response:

The 2" conduit and pull boxes will be removed and replaced from 27+75 to 34+35 under this contract. Pull boxes 32 to 37 will be removed and replace by the FUSRAP contractor.

Question No. 8

There is a Line Number 904-98.81 (Relocation of EXISTING Interconnect Cable) with a quantity of 3834 set up for pay but no mention of the cable ever being installed or where does the cable come from and how is it going to be paid.

County response:

This will be completed by the County's Signal electrical contractor and is not a part of this contract. The item number has been changed to 904.90.17 and is labeled "by others."

Question No. 9

Sheet 7 of 63 has a note to terminate and / or fusion splice the 48 fiber, how is this to be paid for.

County response:

This will be completed by the County's Signal electrical contractor and is not a part of this contract.

Question No. 10

There are 2 ea 6x6 loop detectors shown on Plan Sheet 8 of 63 to be installed at 30+50+- West Bound Lanes with 2 ea 18/2 Shielded Cables installed back to existing controller. How are these items to be paid for?

County response:

This will be completed by the County's Signal electrical contractor and is not a part of this contract.

Question No. 11

Can you provide the existing bridge as-built drawings?

County response:

The existing construction plans will be provided as an attachment.

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The following modifications are included with the Addendum:

<u>No. 1</u>

Replace Construction Plan Sheets 1, 4 through 9, 37 and 40 with the attached sheets.

<u>No. 2</u>

Replace JSPs B-2 and B-3 with the attached JSPs.

<u>No. 3</u>

Delete Item D from JSP 100.10.2 Completion of Project.

<u>No. 4</u>

Delete the following from Item No. 9 Liquidated Damages in the Bid: "Failure to begin installing the loop detectors within the time specified: Liquidated Damages Per Day: \$500.00"

<u>No. 5</u>

Replace the Itemized Bid Sheets with those attached. Modifications are as follows:

Bid items 404-12.71 Superpave Asphaltic Concrete Mixture SP125 (PG- 70-22)CLP and 404-19.06 Superpave Asphaltic Concrete Mixture SP190 (PG 70-22)C is replacing Bid Item 405-30.10 Type "C" Bituminous Concrete (Pavement).

Item No. 408-10.15 Prime-Liquid Asphalt (MC30) was added to the bid Item No. 904-90.17 Preformed Pull Box (17"W x 30"L x 26"min.H), Reinforced Polymer Concrete w/1' Concrete Apron was added to the bid

The following quantities were modified:

Bid Item No.	Description	Unit	Original Qty.	Updated Qty.
304-05.04	Type 5 Aggregate Base (4" Thick)	S.Y.	3362.3	2954.9
504-10.20	Concrete Bridge Approach Pavement	S.Y.	43.4	134.4
611-30.20	Furnishing Type 2 Rock Blanket	TON	3760	1350
611-30.40	Placing Type 2 Rock Blanket	TON	3760	1350
624-10.01	Geotextile Fabric, Stabilization and			
	Separation, Class 1 (Heavy Weight)	S.Y.	6636	1960
803-10.00	Sodding	S.Y.	2213	2357
904-52.00	Conduit, 2"	L.F.	3275	545

REVISED ITEMIZED BID SHEET NOS. 1-7 OF 7 ARE ATTACHED AND REFLECT THE CHANGES NOTED IN ITEM NO. 5 ABOVE. FAILURE TO SUBSTITUTE THE ITEMIZED BID SHEETS MAY RESULT IN REJECTION OF THE BID.

REVISED BID DOCUMENT, "BID", IS ATTACHED AND SHOWS THE CHANGES NOTED IN <u>ITEM NO. 4 ABOVE. FAILURE TO SUBSTITUTE THIS BID DOCUMENT MAY RESULT IN</u> <u>REJECTION OF THE BID.</u>

ATTENTION BIDDERS: THE ADDENDUM ACKNOWLEDGEMENT IN THE BID DOCUMENTS MUST BE COMPLETED AND SUBMITTED WITH ALL BID PROPOSALS.

Daniel Howell

Daniel A. Howell, Ph.D., P.E. Supervisor Project Managers

DAH/SRN

Attachments: Bid Item Sheets 1-7 of 7, JSPs B-2, B-3, and B-7, Construction Plan Sheets 1, 4-9, 37 and 40 of 63, Modified JSP 100.10.2, Modified 'Bid' Document, Existing Construction Plans For Bridge No. 164

FEDERAL PROJECT NO. STP-4900(640) COUNTY PROJECT NO. AR-1518

ITEM NO.	ITEM DESCRIPTION	UNIT	QUANTITY	UNIT PRICE	AMOUNT
ROADWAY ITEMS	Y ITEMS				
201-20.10	Clearing and Grubbing	L.S.	1		
202-20.10	Removal of Improvements	L.S.	Ч		
203-10.00	Class "A" Excavation	C.Y.	130.7		
203-10.30	Land Disturbance Permits	L.S.	1		
204-60.10	Embankment in Place	C.Y.	1177		
304-05.04	Type 5 Aggregate Base (4" Thick)	S.Y.	2954.9		
404-12.71	Superpave Asphaltic Concrete Mixture SP125 (PG 70-22)CLP	NOT	339.2		
404-19.06	Superpave Asphaltic Concrete Mixture SP190 (PG 70-22)C	NOT	1850.3		
407-10.27	Tack-Emulsified Asphalt (SS-1H)	GAL.	540		

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FEDERAL PROJECT NO. STP-4900(640) COUNTY PROJECT NO. AR-1518

ITEM NO.	ITEM DESCRIPTION	UNIT	QUANTITY	UNIT PRICE	AMOUNT
ROADWAY ITEMS	Y ITEMS				
408-10.15	Prime-Liquid Asphalt (MC30)	GAL.	940		
504-10.20	Concrete Bridge Approach Pavement	S.Y.	134.4		
606-30.95	Type A Crashworthy Guardrail Terminal (50.0ft Length, NCHRP 350 TL-3)	EACH	4		
606-60.01	Guardrail, MGS W-Beam, 6ft 3in Spacing, 8ft Posts	L.F.	275		
606-63.04	Guardrail, MGS, Bridge Approach Transition (No Curb, 37ft 6in)	EACH	4		
611-30.20	Furnishing Type 2 Rock Blanket	NOT	1350 A		
611-30.40	Placing Type 2 Rock Blanket	NOT	1350		
612-10.20	Moveable Barricades with Model "B" Amber Flashers (2 Each per Barricade)	EACH	6		
612-30.10	Standard Traffic Control Devices	L.S.	1		



BID	1 OF 1
EMIZED	OPTION
LI	BID

PAGE 3 OF 7

FEDERAL PROJECT NO. STP-4900(640) COUNTY PROJECT NO. AR-1518

ITEM NO.	ITEM DESCRIPTION	UNIT	QUANTITY	UNIT PRICE	AMOUNT
ROADWAY ITEMS	Y ITEMS				
619-00.00	Mobilization	L.S.	1		
624-10.01	Geotextile Fabric, Stabilization and Separation, Class 1 (Heavy Weight)	S.Y.	1960		
802-10.00	Type 1 Mulch (Vegetative)	ACRE	0.3		
803-10.00	Sodding	S.Y.	2357 A		
805-10.00	Seeding	ACRE	0.3		
805-30.00	Site Restoration (Bridge Project)	L.S.	1		
806-00.00	Erosion Control Measures (Sites less than 1 acre)	L.S.	1		
SUBTOTA	SUBTOTAL - ROADWAY ITEMS				



BID UP

FEDERAL PROJECT NO. STP-4900(640) COUNTY PROJECT NO. AR-1518

ITEM NO.	ITEM DESCRIPTION	UNIT	QUANTITY	UNIT PRICE	AMOUNT
STRUCTUI	STRUCTURAL ITEMS				
202-10.20	Removal of Bridges	L.S.	1		
206-10.00	Class 1 Excavation	C.Y.	107		
503-10.00	Bridge Approach Slab	S.Y.	252.4		
701-11.07	Drilled Shafts (4 Ft. 6 In. Dia.)	L.F.	252		
701-12.06	Rock Sockets (4 Ft. 0 In. Dia.)	L.F.	48		
701-13.00	Supplementary Television Camera Inspection	EACH	4		
701-14.00	Foundation Inspection Holes	L.F.	88		
701-16.00	Sonic Logging Testing	EACH	4		
702-12.12	Galvanized Structural Steel Piles (12")	L.F.	1620		

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FEDERAL PROJECT NO. STP-4900(640) COUNTY PROJECT NO. AR-1518

ITEM NO.	ITEM DESCRIPTION	TINU	QUANTITY	UNIT PRICE	AMOUNT
STRUCTUI	STRUCTURAL ITEMS				
702-50.01	Dynamic Pile Testing	EACH	2		
702-70.00	Pile Point Reinforcement	EACH	20		
703-03.00	Bridge Deck Surface Penetration Sealer	S.F.	8606		
703-20.03	Class "B" Concrete (Substructure)	C.Y.	151.6		
703-42.13	Type 'D' Barrier Curb	L.F.	300		
703-44.40	Bridge Plaque	EACH	1		
703-45.01	Class "B-2" Concrete (Superstructure on Concrete "NU" Girder)	S.Y.	854		
703-71.65	Laminated Neoprene Bearing Pads (P/S Structures)	EACH	32		
705-60.23	Prestressed Concrete Members, NU Girders	L.F.	1027		



FEDERAL PROJECT NO. STP-4900(640) COUNTY PROJECT NO. AR-1518

ITEM NO.	ITEM DESCRIPTION	UNIT	QUANTITY	UNIT PRICE	AMOUNT
STRUCTU	STRUCTURAL ITEMS				
706-10.60	Reinforcing Steel (Bridges)	LBS.	55440		
707-10.00	Conduit System on Structure	L.S.	1		
712-36.10	Slab Drain	EACH	12		
715-10.00	Vertical Drain at End Bents	EACH	2		
SUBTOTA	SUBTOTAL - STRUCTURAL ITEMS				
COUNTY	COUNTY TRAFFIC SIGNAL ITEMS				
904-52.00	Conduit, 2"	L.F.	545		
904-90.17	Preformed Pull Box (17"W x 30"L x 26"min.H), Reinforced Polymer Concrete w/1' Concrete Apron	EACH	2		

SUBTOTAL - COUNTY TRAFFIC SIGNAL ITEMS

Addendum 1

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FEDERAL PROJECT NO. STP-4900(640) COUNTY PROJECT NO. AR-1518

ITEM NO.	ITEM DESCRIPTION	UNIT	QUANTITY	UNIT PRICE	AMOUNT
PROJECT	PROJECT TOTAL - BID OPTION 1 OF 1				

B-2. PROJECT PHASING

In order to accommodate the USACE's remediation of radioactive contamination near the McDonnell Boulevard Bridge No. 164, Project AR-1518 will be broken into three distinct phases.

 Phase 1 (By Others) - Installation of wireless communication devices for temporary signal interconnect. The wireless communication devices will be installed on the mast arm for eastbound motorists on James S. McDonnell Boulevard at GKN Aerospace Entrance (Station 27+75) and the mast arm for westbound motorist on James S. McDonnell Boulevard at Banshee Road (64+75).

Phase 1 (County Contractor) – Includes the demolition of the existing bridge. The County's Contractor will demolish the existing bridge structure to the existing ground line and dispose of the debris. HGL will provide utility support while the County's Contractor is working within the creek and creek bank area during bridge demolition.

2. Phase 2 (HGL) – Includes the removal of pavement, including all pavement within the construction limits of Project AR-1518, and excavation to remove radiological contaminants along James S. McDonnell Boulevard from west of the bridge to Banshee Road. The pavement demolition debris within the construction limits of Project AR-1518 will be screened for contamination. If it is not contaminated it will be staged in a location for final disposal by the County's Contractor. Pavement debris outside of the construction limits of project AR-1518 will be disposed of by HGL.

HGL will replace the remedial excavation with uncontaminated fill. Within the pavement limits, HGL will bring the fill to 12" below the existing pavement grade. Within Coldwater Creek limits, HGL will bring the fill to 24" below the final Type 2 Rock Blanket elevations.

HGL will also remove portions of the bridge structures below existing grade to the depth necessary for completing remedial actions. The demolition debris from below ground surface will be screened for contamination. If it is not contaminated it will be staged in a location for final disposal by the County's Contractor.

3. Phase 3 (County Contractor) - Construction of a new bridge, roadway and appurtenances from station 28+43.57 to 34+34.82. Construction of new 2" conduit and pull boxes for fiber optic cable from station 27+75 to station 34+34.82.

Phase 3 (By Others) Installation of fiber optic signal interconnect cable from Station 27+75 to Station 64+75.

Phase 3 (County Contractor) - Remove temporary traffic control devices (signs) after the loop detectors are in operation.



B-3. NOT USED

Payment for coordination and communication will not be made. This work shall be considered incidental to the bid items provided in the contract.

B-5. USGS STREAM GAGE REMOVAL

1. There is a USGS Coldwater Creek steam gaging station within the construction limits that needs to be removed and returned to the USGS. The station includes a metal conduit attached to the north end of the bridge that reaches down into Coldwater Creek, plastic conduit that leads northward from the bridge, and a steel box that contains gaging equipment. These items will be removed during bridge demolition and protected on site until the USGS arrives to retrieve them. Contact the USGS at (314) 567-7077 to schedule the retrieval.

Basis of Payment

The above work including coordination with the FUSRAP team, all materials, labor, tools, equipment and all incidentals necessary to complete this item shall be made and considered completely covered under the contract unit price for Item No. 202-10.20, "Removal of Bridges", per lump sum.

B-6. HEIGHT RESTRICTIONS FAA PART 77

The County applied for and received determinations from the FAA regarding potential obstruction to air navigation during construction and after.

- 1. Document FAA Crane Determination Letter_20210219 is included in the contract documents and the Contractor will review and be familiar with the contents. The findings state that the temporary structure does not exceed obstruction standards and would not be a hazard to air navigation provided the condition(s), if any, in the letter is (are) met.
- Document FAA_Bridge Determination Letter_20210125 is included in the contract documents and the Contractor will review and be familiar with the contents. The findings state that structure (i.e. Bridge No. 164) does not exceed obstruction standards and would not be a hazard to air navigation provided the condition(s), if any, in the letter is (are) met.

Basis of Payment

No direct pay shall be made for compliance with this project provision.

B-7. UTILITY COORDINATION

1. For informational purposes only, the following is a list of names, addresses, and telephone numbers of the known Utility Companies in the area of the construction work for this improvement.

Utility Name	Known Required	Anticipated Relocation
	<u>Relocation</u>	Completion Date

Mickie Redhage Missouri-American Water No

mickie.redhage@amwater.com 314-705-7200 Dave Pruitt Missouri-American Water Dave.pruitt@amwater.com 314-966-2396

Yes

No

No

No

November 2023

Nick Eggert Spire (Laclede) Gas <u>nicholas.eggert@spireenergy.com</u> 6400 Graham Road Berkeley, MO 63134 314-330-5720

Tensley RobinsonNoAmeren Missouritrobinson@ameren.com1901 Chouteau Ave.trobinson@ameren.comSt. Louis, MO 63103trobinson@ameren.com314-406-9957trobinson@ameren.com

Ryan Tasker MCI (Verizon) <u>ryan.tasker@verizon.com</u> 314-565-6946 or Domenic Nicastro 636-459-1600

Wade Weakley AT&T Distribution <u>ww8571@att.com</u> 402 N. 3rd Street St. Charles, MO 63301 636-692-3326

Charter/Spectrum No Chris Shelton <u>chris.shelton@charter.com</u>

St. Louis Pipeline CorpNoJeff DavisJeffdavis.stlouispipeline@hotmail.com618-978-3868

St. Louis MSD Jeffrey Moore



jmoore@stlmsd.com 314-335-2188

The Boeing Company No Scott Martin / Jeffrey Rudolph jeffrey.g.rudolph@boeing.com / scott.a.martin4@boeing.com 314-232-8600 / 314-910-2393

USACE FUSRAP (HGL is Consultant Representative) Michael Crutcher <u>mcrutcher@hgl.com</u> 314-488-0174

St. Louis County DOT Yes Traffic Signal Operations Scott Halter / Marty Koeller 314-581-8987 (Marty Koeller) shalter@stlouiscountymo.gov / MKoeller2@stlouisco.com

A. St. Louis County does not warrant that the above listing or the depiction of utility lines of facilities on other bidding documents are complete or accurately reflect either all utilities or their precise locations within or adjacent to the project limits or the status of any relocation work. It is therefore, the responsibility of the contractor to verify the above listing information indicating existence, location, and status of any facility. Such verification includes direct contact with the listed utilities.

2. Conflicts/Resolutions

A. There is an MSD 42" RCP Sanitary Sewer located just west of proposed bridge H-piling. The proposed h-pile shall be pre-bored as a precaution to prevent conflict with the existing 42" piping. Since this boring will take place after the remedial actions are completed, no contaminated material is expected to be encountered during the drilling.

B. Spire Natural Gas Pipeline: A 16-inch gas line was located on the north side of the bridge and along McDonnell Boulevard, and an 8-inch branch line crossed McDonnell Boulevard approximately 150 feet west of the bridge. The line along the north side was abandoned in place by Spire after they installed a new pipe and placed it on-line. This section of pipe was installed circa 1952/1953 and is thought to have asbestos-containing material. The USACE has agreed that if this pipe is encountered during remediation excavation, HGL will excavate it, perform necessary testing for asbestos, and perform disposal accordingly. The new 16-inch gas line will be placed south of the proposed bridge.

The 8-inch branch line was included in the relocation by Spire and the line within the Remedial Action was abandoned in place.

C. FUSRAP Wastewater Discharge: This 4-inch wastewater line is attached to the bridge



along the south bottom deck. HydroGeoLogic, Inc. will temporarily take this out of service prior to the bridge demolition and will replace it with a 4" HDPE after the new bridge is constructed.

- D. (MCI) Verizon Fiber Optic: This line was on the north side of the bridge and McDonnell Boulevard and was replaced with a new, deeper, line by Verizon prior to the remedial actions. The existing line was left in place, but is no longer active.
- E. Inactive (MCI) Verizon Fiber Optic: There is an inactive line segment on the north side of the bridge and McDonnell Boulevard. If this is encountered, it may be removed.
- F. St. Louis County Fiber Optic Traffic Control: This line is located on the north side of the bridge and McDonnell Boulevard. It will be taken out of service temporarily by the County prior to the Remedial Action and a remotely operated system will be put in place for the duration of the bridge project and Remedial Action.
- G. AT&T Fiber Optic: This line was in service south of the bridge and was temporarily relocated by AT&T. It will be permanently relocated underground and under the creek once the bridge construction is complete. HGL will install a 4-inch conduit prior to Remedial Action for use by AT&T.
- 3. The contractor agrees that any effects of the presence of the utilities, their relocation, contractor's coordination of work with the utilities and any delay in utility relocation shall not be compensable as a suspension of work, extra work, a change in the work, as a differing site condition or otherwise including, but without limitation, delay, impact, incidental or consequential damages. The contractor's SOLE REMEDY for the effects of the presence of utilities, delay in their relocation or any other effects shall be an excusable delay as provided in Section 105.7.3. The contractor waives, for itself, its subcontractors and suppliers the compensability of the presence of utilities, delay in their relocation, and any cost to the contractor, its subcontractors, and suppliers in any claim or action arising out of or in relation to the work under the contract.
 - A. The contractor's Work Schedule, required by Section 107.5.1 of the St. Louis County Standard Specifications for Road and Bridge Construction, shall reflect coordination of the contractor's work with that of utility relocation including, without limitation, all dependencies of the contractor's or its subcontractor's work upon relocation of utility lines and facilities and the effects of the utility relocations on the required order of work provided in other parts of the contract documents.
 - B. The contractors shall be solely responsible and liable for incidental and consequential damages, to any utility facilities or interruption of the service caused by it or its subcontractor's operations. The contractor shall hold and save harmless St. Louis County from all damages to any utility facilities or interruption of service by it or its subcontractors' operations.
 - C. No direct payment will be made for the contractor's compliance with above special provision.



- D. The requirements of this Special Provision are in addition to or supplement to Sections 105.7 through 105.7.6 of the Specifications and are not a replacement of them except, unless and only to the extent there is direct conflict between these provisions and those of the Specifications.
- 4. It is the responsibility of the Contractor and sub-contractors performing work to contact the Missouri One Call System, Inc. at 1-800-344-7483 (and also St. Louis County Operations Division about signal and/or lighting conduit at 314-615-0215) at least two (2) full working days, but not more than ten (10) working days, before commencing the excavation activity, as per Missouri State Law. The Contractor requesting the locations shall provide all utilities with the project number and area. He shall also specify on which streets construction will be performed and what dates it will begin. If only parts of a street are to be done, the Contractor shall provide street segments affected between the closest intersections. Specific start dates must be given for each street so all utilities can schedule the field locations.
- 5. It shall be noted by the contractor that MoDOT is a member of Missouri One Call (800 Dig Rite). Some work on this project may be in the vicinity of MoDOT utility facilities, which includes but is not limited to traffic signal cables, highway lighting conduits, ITS cables, cathodic protection cables, etc. Prior to beginning work, the contractor shall request locates from Missouri One Call. The contractor shall also complete the Notice of Intent to Perform Work form located at the Missouri Department of Transportation website:

http://www.modot.mo.gov/asp/intentToWork.shtml

The contractor shall submit the form over the web (preferred method) or by fax to the numbers on the printed form. The notice must be submitted a minimum of 2 and a maximum of 10 working days prior to excavation just as Missouri One Call requires.

B-8. CONDUIT SYSTEM ON STRUCTURE

1.0 Description. This work shall consist of furnishing and placing all material and equipment and performing all work necessary to create a complete conduit system as shown on the plans. The conduit system for this project is intended to be used to accommodate traffic signal interconnect.

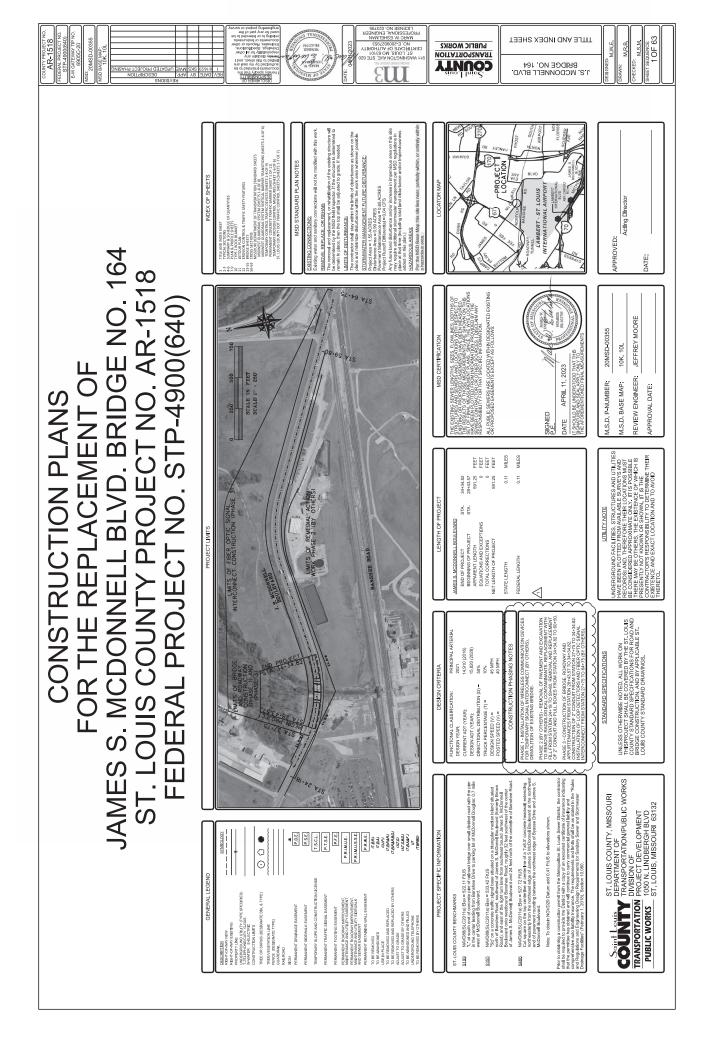
2.0 Materials. All material shall be in accordance with Division 1000, Material Details, and specifically as follows:

Item	Section	
Electric	cal Conduit	. 1060
Pull an	d Junction Boxes for Bridge Conduit	1062

3.0 Construction Requirements.

3.1 Conduit systems shall be free from corrosion, restrictions, sharp edges, and debris. The ends of conduit runs shall be protected by bushings and shall be temporarily capped if conductor cable is not installed immediately. Conduit shall be rigidly held in place to



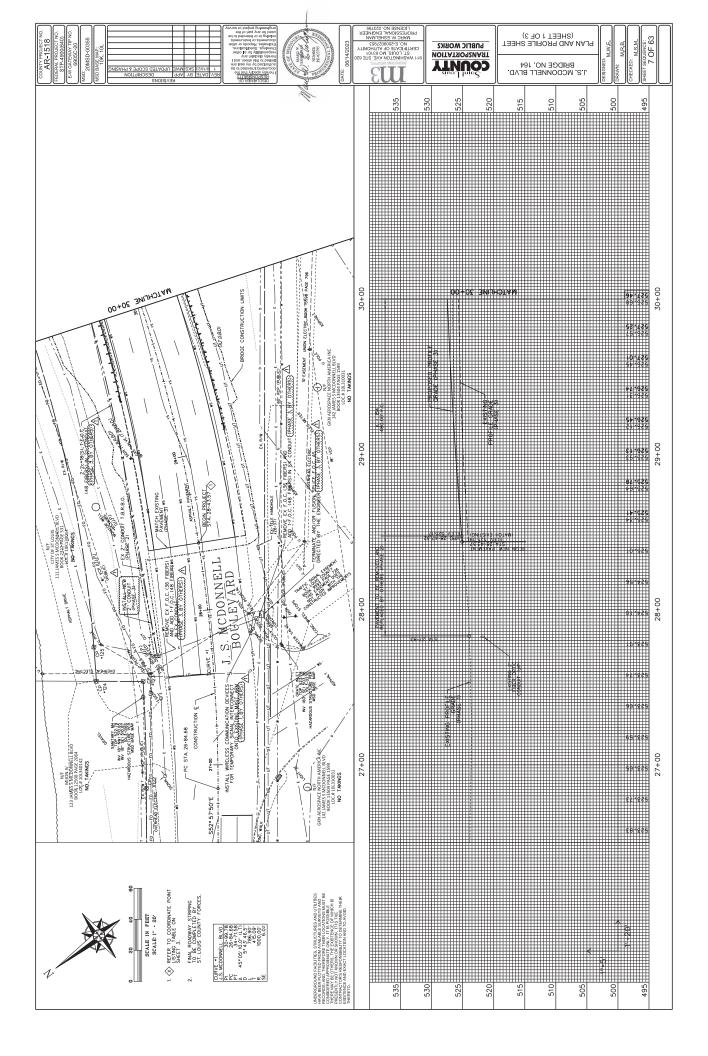


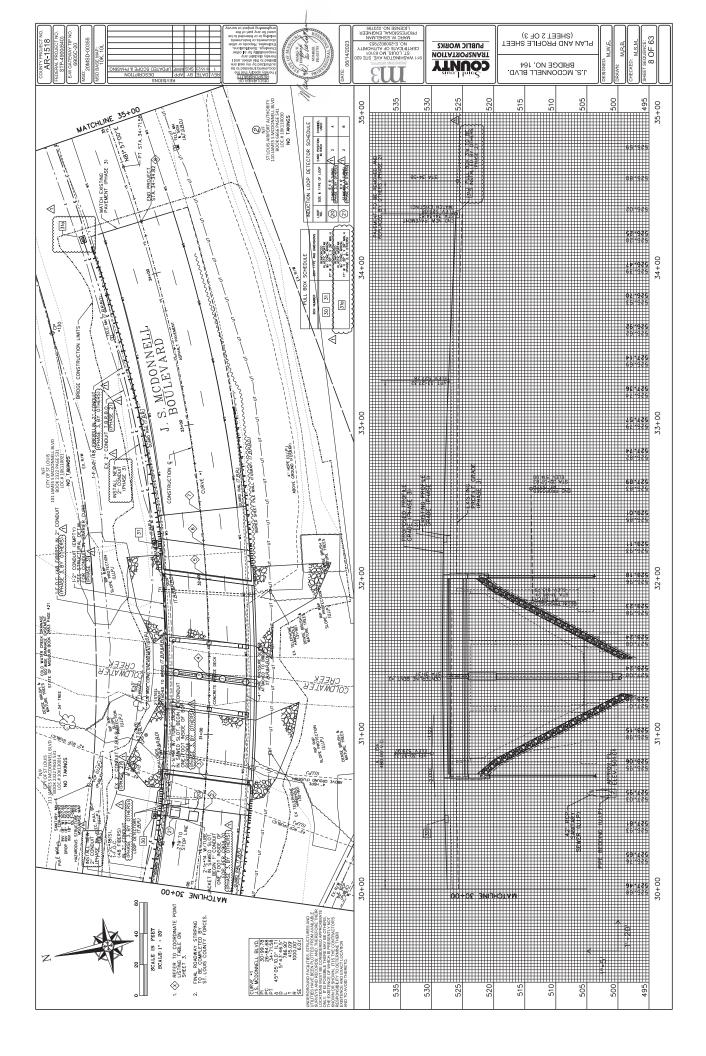
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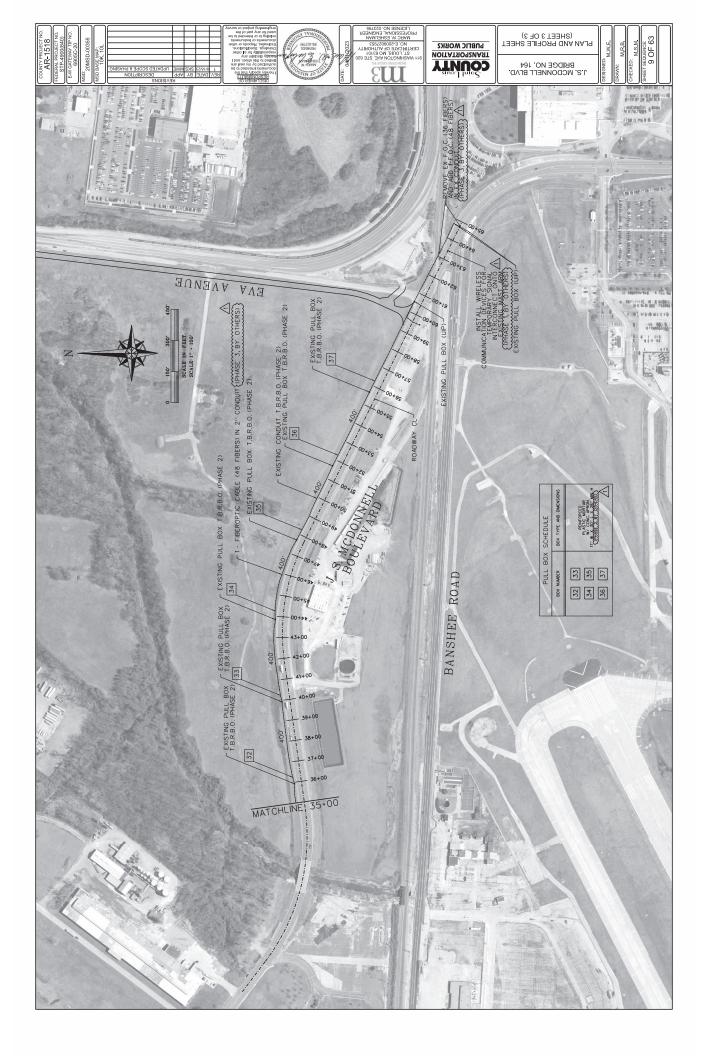
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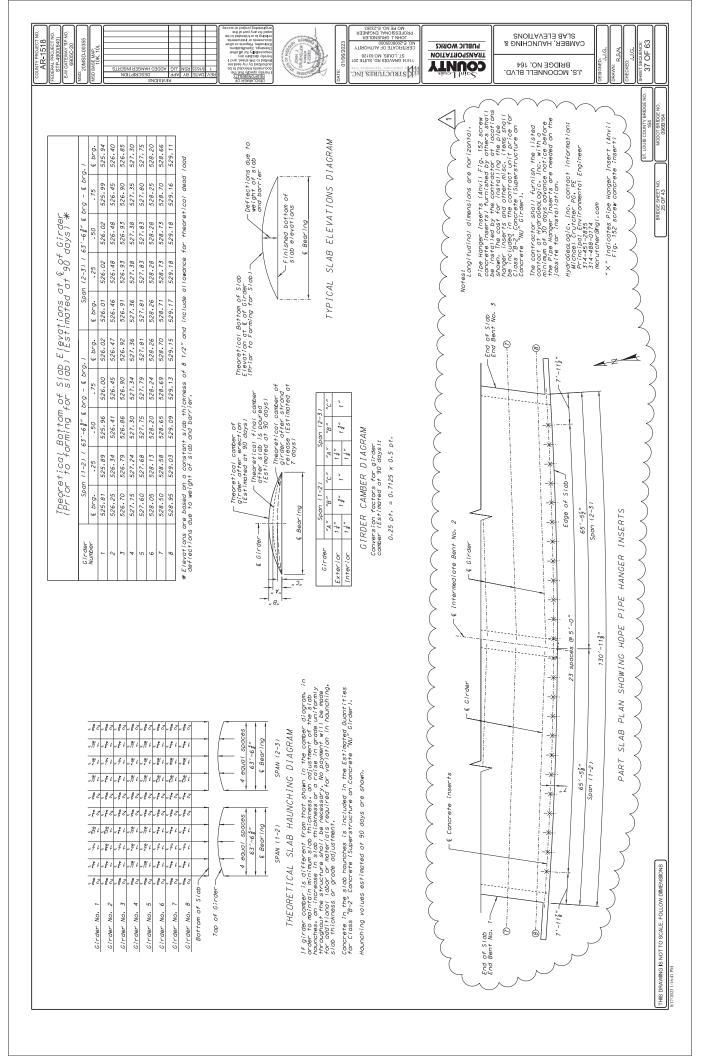
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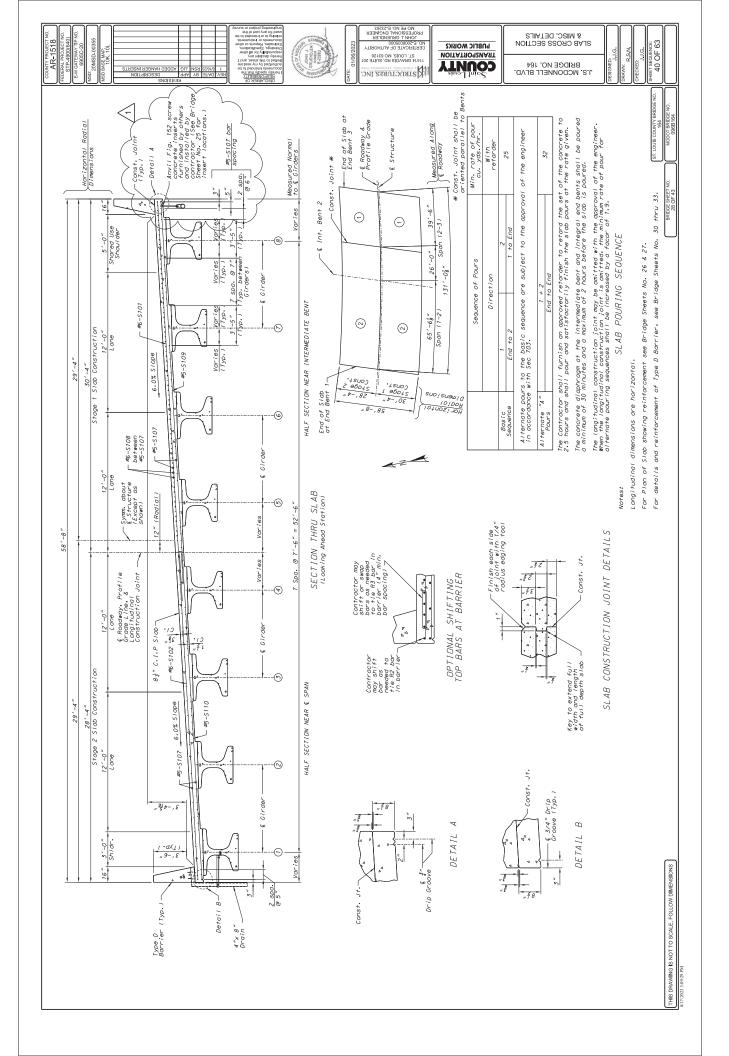
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# 100.10.2 COMPLETION OF PROJECT

- A. The work on this project shall commence on the date specified in the "Notice To Proceed" and completed in not more than 105 working days (excludes USACE remediation work) from said commencement date unless additional time is granted by the Director. Due to seasonal limitations, sodding and crack sealing may be completed after the dates shown on the schedule, if authorized by the Resident Engineer.
- B. After the contract is awarded St Louis County will coordinate with the contractor to set a mutually agreed upon Notice to Proceed. The count of working days shall commence on the Notice to Proceed, or on the date the contractor starts any construction operations on the project, whichever is sooner.
- C. Liquidated damages in the amount of \$2,025 per day will be charged after the expiration of the time stipulated for each and every calendar day that all work remains uncompleted.
- D. The Contractor shall have the replacement loop detectors in place and operational before opening James S. McDonnell Blvd. to traffic.

# 100.10.3 WORKING RESTRICTIONS

- A. On each of the project sites, the Contractor shall confine his operations and restrict the storage of equipment and materials to the easement areas shown on the plans. The Contractor will not be permitted to operate equipment or store material on roadways or drives that are normally in use by the public.
- B. The Contractor shall use every precaution to prevent damage to private and public utility lines, conduits, and other improvements. The Contractor will be responsible for all damage to any utility or other such improvement due to his operations, and shall repair or replace as necessary any such damaged facility or make payment to the owner for repair or replacement. Trees and shrubs in the easement areas not specifically marked To Be Removed (TBR) shall be carefully preserved.
- C. Sequence of work:
  - 1. The contractor will demolish the bridge to ground level
  - 2. The contractor will demobilize the site
  - 3. FUSRAP will perform remedial actions at the site (estimated 10 months)
  - 4. FUSRAP will demobilize the site
  - 5. The contractor will remobilize the site
  - 6. And then the contractor will reconstruct the bridge
- D. No direct payment will be made for compliance with this provision.

# 100.10.4 ADDENDUMS

It is the responsibility of the bidder to ensure his or her prospective subcontractors are aware of any addendums issued to the Plans or Construction Contract and Specifications for this project.

# 100.10.5 CONSTRUCTION DOCUMENTS PROVIDED TO CONTRACTOR

A. County will provide the Contractor, free of charge, Five (5) full size and Five (5) half size sets of plans and Five (5) executed Contract books.

# BID

Project Name: James S. McDonnell Blvd. Bridge No. 164 County Project No.: AR-1518 Federal Job No.: STP-4900(640) Limits: 0.6 Miles SE of Lindbergh Blvd.

- TO: St. Louis County
- 1. DESCRIPTION. For constructing (or improving) the project designated above, consisting of clearing and grubbing, grading, excavation, concrete pavement and approaches, new bridge, new guardrail treatments, placement of revetment, seeding, sodding and other incidental items necessary to complete the above in a workmanlike manner within St. Louis County and other incidental items necessary to complete the above in a workmanlike manner.
- 2. SPECIFICATIONS, CONTRACT AND BOND. The specifications, contract and bond governing the construction of the work contemplated are those known and designated as the St. Louis County Department of Transportation Standard Specifications for Road and Bridge Construction, approved by the St. Louis County Council, together with the "Special Provisions, Job and General," if any, attached to this bid.
- 3. PLANS. The plans herein referred to are plans approved by the Director and marked with the project and section numbers set out above, together with all standard or special designs that may be designated in such plans.
- 4. MISCELLANEOUS. The undersigned, as bidder, declares that the only persons or parties interested in this bid as principal are those named herein; that this bid is made without collusion or combination of any kind or character with any other person, firm, association or corporation, or any member or officer thereof; that he/she has carefully examined the location of the proposed work, the plans, Standard Specifications, and special provisions heretofore mentioned, and the form of contract and contract bond; that he/she proposes, and agrees, if this bid is accepted, to execute the contract and bond and secure execution of the bond by satisfactory surety and to provide all necessary machinery, tools, apparatus and other means of construction, and will do all the work and furnish all the materials specified in the contract in the manner and time therein prescribed, and in accordance with the requirements of the Director as therein set forth; and that he/she will accept in full payment therefore the amount or amounts certified by the Director in accordance with the bid, specifications and contract.
- 5. NONDISCRIMINATION. The undersigned, as bidder, understands that in any project involving participation of federal funds, the bidder awarded the contract will be required to comply, and to cause his/her subcontractors, if any, to comply, with all federal statutes, regulations and directives concerning discrimination against any person in connection with the contract, on account of race, color, religion, creed, sex, age, ancestry, or national origin, and that such nondiscrimination extends to procurement of materials and lease of equipment for use in connection with the contract.
- 6. QUANTITIES. It is understood by the undersigned that the quantities given in the following itemized bid are not guaranteed by the County and are used solely for the purpose of comparing bids and awarding the contract, and may or may not represent the actual quantities encountered on the job; and that the sum of the products of the quantities listed in the following itemized bid, multiplied by the unit price bid, shall constitute the gross sum bid.

- 7. ITEMIZED BID. The undersigned submits the following itemized bid and hereby authorizes the Director to correct any multiplication of "Unit Price" by "Quantity" as shown under "Amount" when copying the itemized bid sheet(s) into any contract.
- 8. TIME FOR COMPLETION. If this bid is accepted the undersigned hereby agrees that work will begin not later than the authorization date in the Notice to Proceed and will be diligently prosecuted at such rate and in such manner as, in the judgment of the Director, is necessary for the completion of the work within the time specified as follows:

Working Days: 105 (excludes remediation)

9. LIQUIDATED DAMAGES. The undersigned further agrees that, should he/she fail to complete the work on the date, or in the time specified, or such additional time as may be allowed by the Director under the contract, the amount of liquidated damages to be recovered, in accordance with the requirements of Section 108.7 of the Standard Specifications, shall survive as follows:

Liquidated Damages Per Day: \$2,025 Failure to begin installing the loop detectors within the time specified:

Liquidated Damages Per Day. \$ 500.00

Failure to begin temporary striping within the time specified:

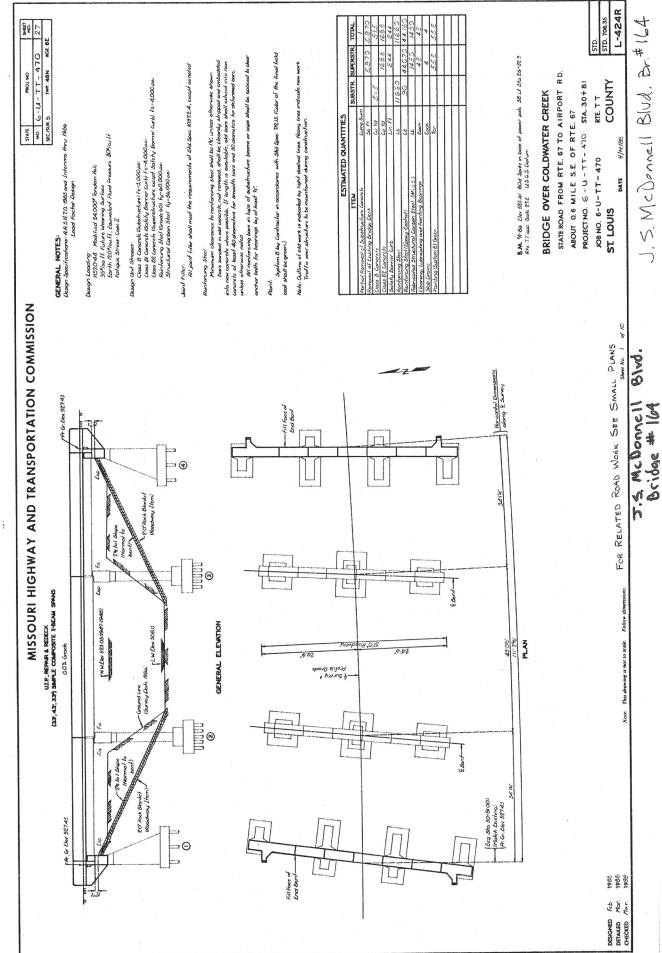
Liquidated Damages Per Hour: \$200.00

- 10. BID GUARANTEE. The undersigned submits and attaches to this bid a bid guarantee meeting the following requirements: Each Bid shall be accompanied by a certified check or cashier's check equal to five (5) percent of the total bid, payable to "Treasurer, St. Louis County", to the use of the County, or a bidders bond, in like sum, executed by a surety company authorized to so business in the State of Missouri, as a guarantee on the part of the bidder that if its bid be accepted, it will, within ten (10) days after receipt of notice of such acceptance, enter into a contract and bond to do the work advertised; and, in case of default, forfeit such bid guaranty. The provisions of Section 103.4.1 shall also apply to this bid guaranty. Bid guarantees will be returned as per Section 103.3, Standard Specifications.
- 11. SUPERVISION OF WORK. The undersigned intends to have the following person(s) supervise the work:

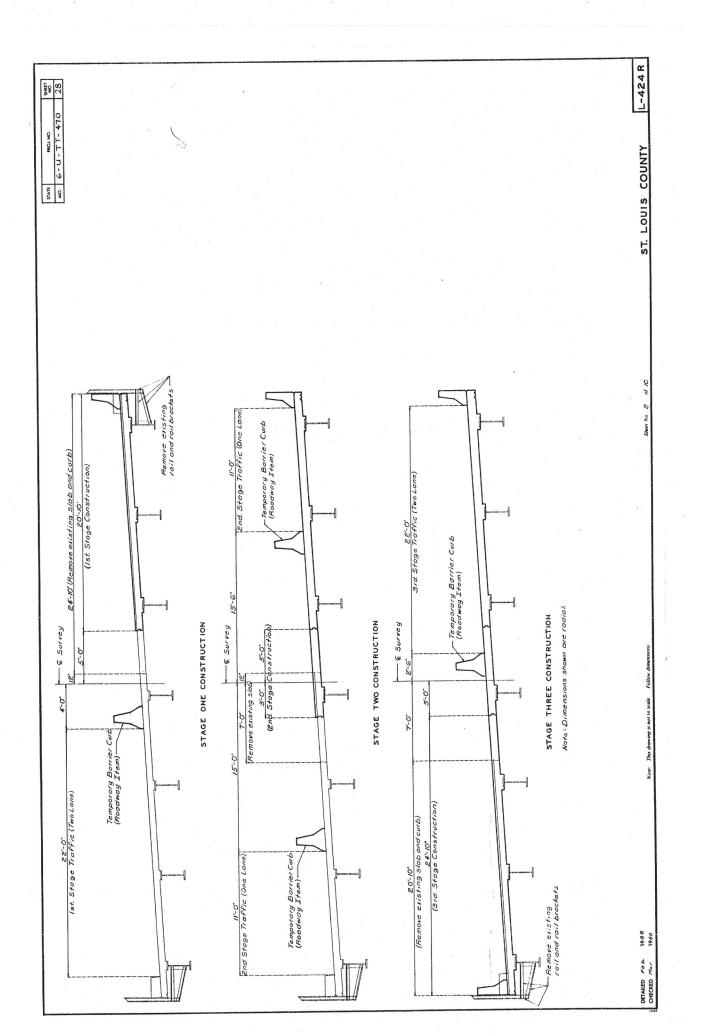
Addendum 1

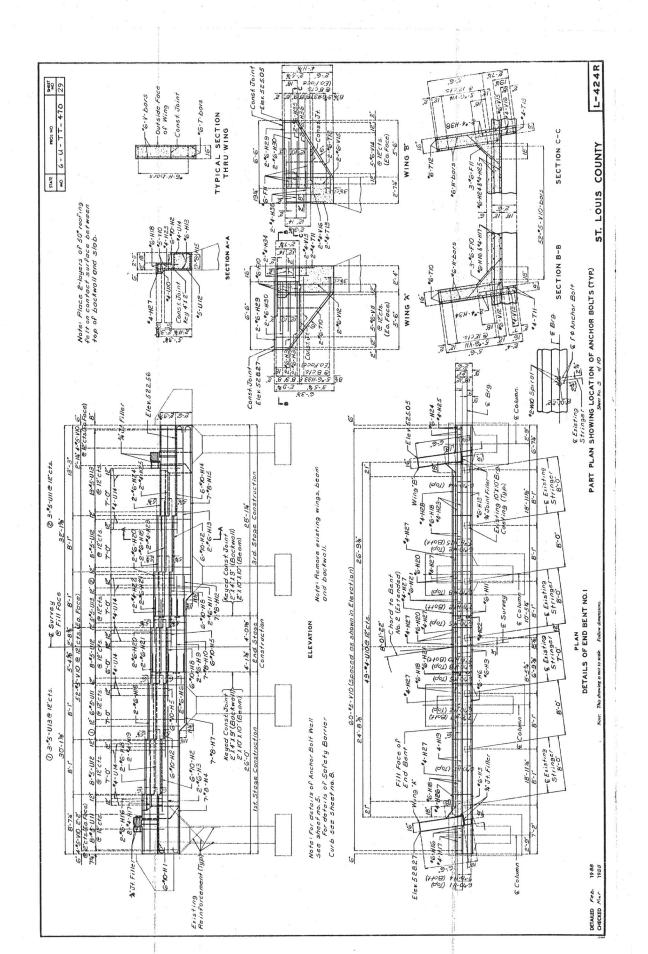
12. CONTACT INFORMATION. The undersigned designates the following person(s) as the point of contact for questions regarding this bid proposal and contract execution.

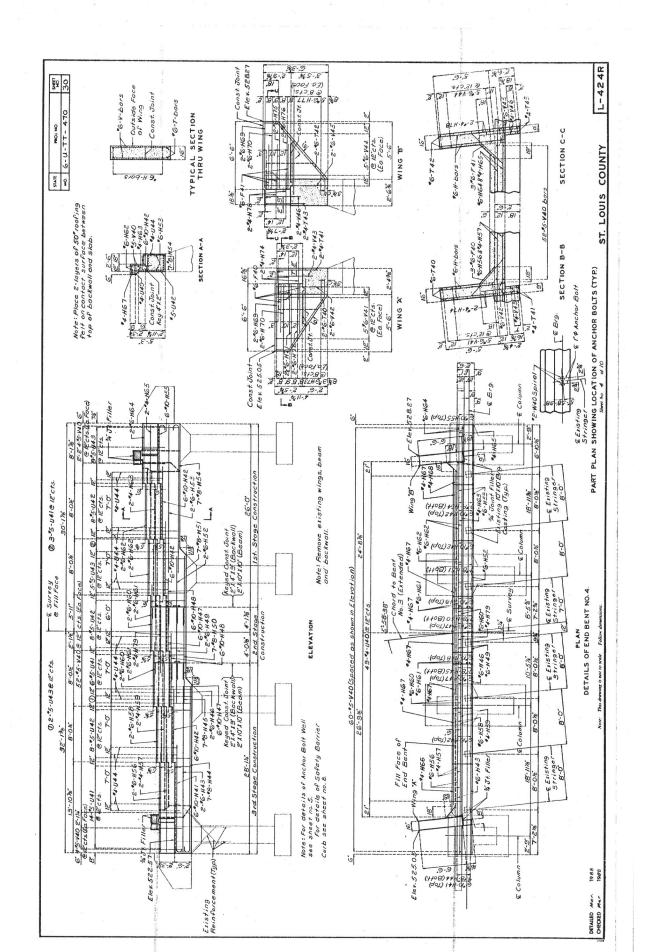
Contact Name:	 	
Contact E-Mail Address:	 	
Phone Number:	 Fax Number: _	
Contact Mailing Address:	 	

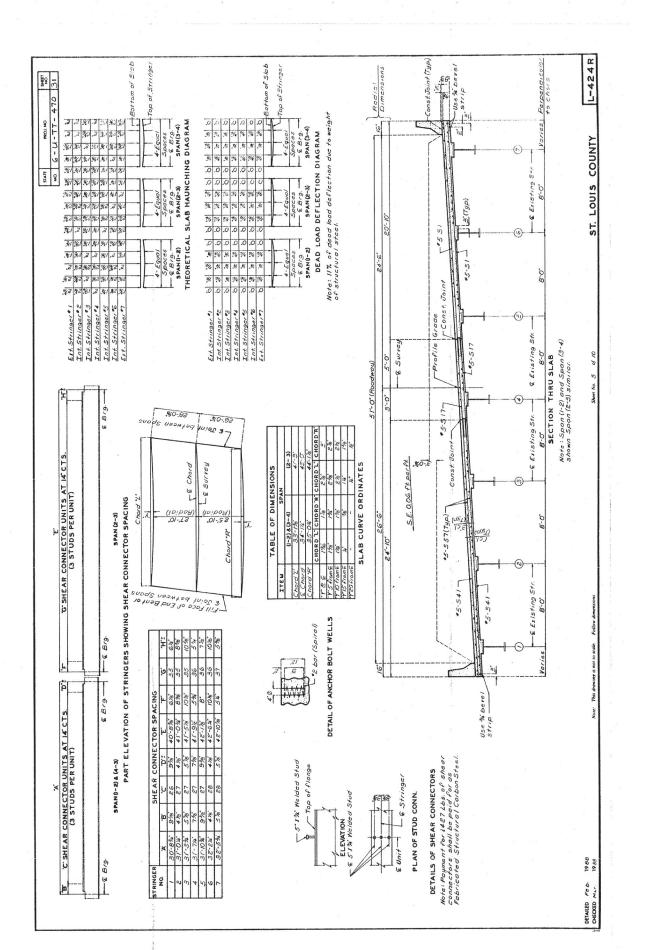


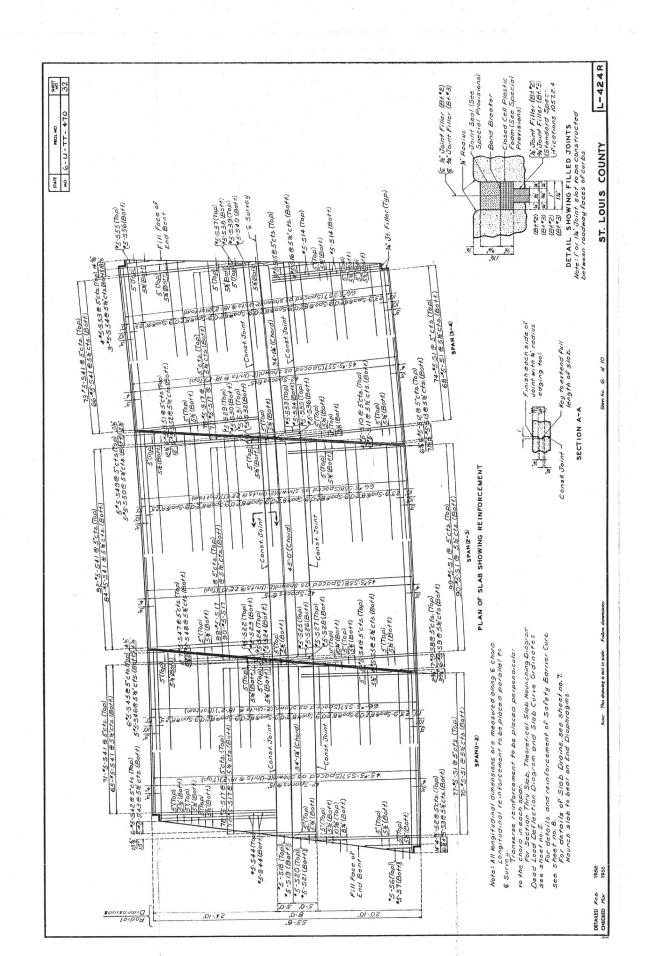
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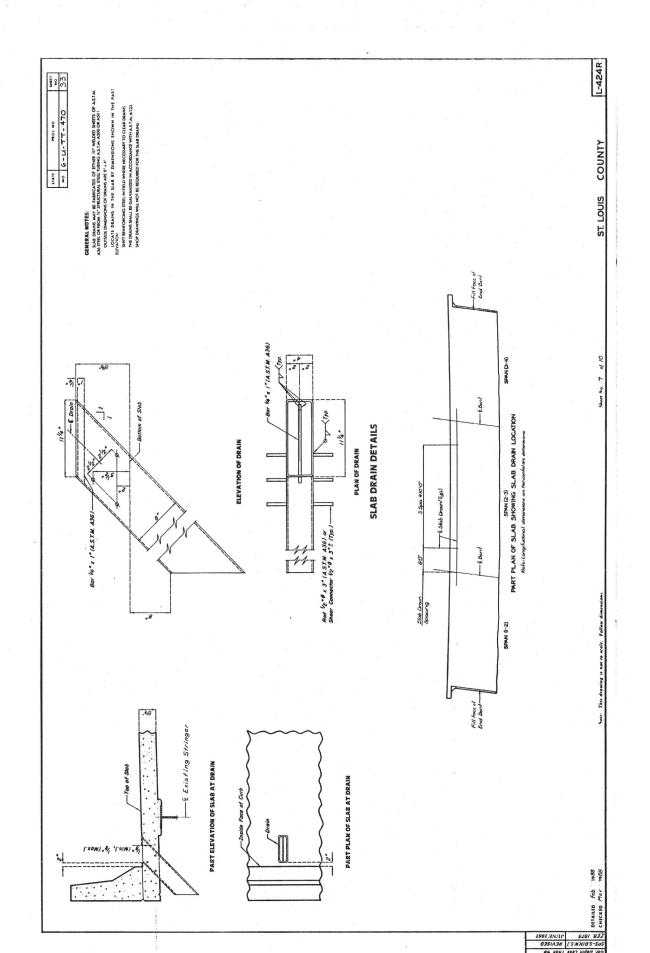


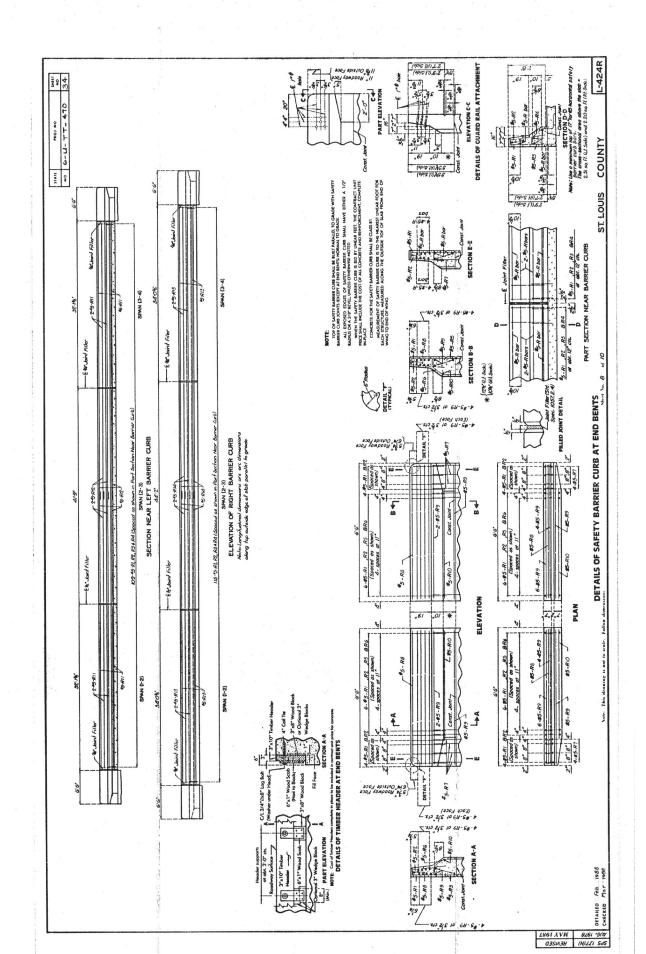












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