

January 10, 2020

To: Plan Holders for Improvements to the  
Washington County Airport  
Mineral Point, Missouri  
MoDOT Project No. 19-060A-1

Transmitted herewith is Addendum **No. 1** to the Issued for Bid Contract Documents, Specifications and Plans dated December 20, 2019 for Improvements to the Washington County Airport.

**Schedule I: Access Road Relocation**

**Schedule II: Obstruction Removal**

**Schedule III: Existing Access Removal**

Sincerely,

Jviation, Inc.



Mark Lovato, P.E.  
Project Manager



**ADDENDUM NO. 1  
TO  
CONTRACT DOCUMENTS, SPECIFICATIONS AND PLANS  
FOR IMPROVEMENTS TO THE  
WASHINGTON COUNTY AIRPORT  
MINERAL POINT, MISSOURI  
MODOT PROJECT NO. 19-060A-1**

To All Bidders: You are requested to make all changes and/or additions contained in this addendum to the Bidding Documents. Failure to acknowledge this Addendum in Proposal shall result in rejection of bid. Bidders are informed that the above referenced Contract Documents, Specifications and Plans are modified as follows as of January 10, 2020:

**1. CONTRACT DOCUMENTS/SPECIFICATIONS**

**Contract Documents – Notice to Bidders**

**Section:** Contract Work Items, Summary of Approximate Quantities table on page Section 1-2

**Revision:** This table was updated to reflect the current quantities

*Justification: This revision was made to match the quantities reflected in the bid proposal and plan quantities.*

**Contract Documents – Notice to Bidders**

**Section:** Item Contract Time on page Section 1-2

**Revision:** This project has been changed to a calendar day project instead of a completion date project.

*Justification: The project completion date of June 5, 2020 is no longer valid, the project must be completed within 135 calendar days for Schedule I, 60 calendar days for Schedule II, and 7 calendar days for Schedule III.*

**Contract Documents – Section 3 – General Contract Provisions (FAA)**

**Section:** Section 80, Execution and Progress

**Revision:** Refer to attached page Section 3-40, subparagraph 80-07.1

*Justification: This paragraph was updated to reflect a calendar day project.*

**Contract Documents – Section 3 – General Contract Provisions (FAA)**

**Section:** Section 80, Execution and Progress

**Revision:** Refer to attached page Section 3-40, subparagraph 80-08

*Justification: This paragraph was modified to reflect costs for liquidated damages for a calendar day project.*

**Contract Documents – Section 4 – Supplementary Provisions**

**Section:** Part D – Federal and State Wage Rates

**Revision:** Replace federal wage rates with attached new rates dated 01/03/2020.

*Justification: The federal wage rate was updated on January 3, 2020*

**Contract Documents – Proposal/Forms – Proposal Form****Section:** Bid Proposal Summary and Schedules I, II and III**Revision:** Replace bid proposal form in its entirety.*Justification: Bid alternatives were added to Schedule II to provide for clarity in the bid document.***Contract Documents – Proposal/Forms****Section:** Acknowledges by Bidder**Revision:** Item h. - Dollar (\$) sign was inserted.*Justification: Clarify \$750 per Calendar day as the non-penal amount as liquid damages to Owner.***Contract Documents – Proposal/Forms – Proposal Form****Section:** Form of Contract Agreement, Article 6 – Liquidated Damages**Revision:** Dollar (\$) sign was inserted.*Justification: Clarify \$750 per Calendar day as the non-penal amount as liquid damages to Owner.***2. PLANS****G003A** - (3 of 32) General Notes 12: coordinate with the sponsor and/or the engineer for on-site placement location(s) is omitted and replaced with place the millings at an off-site location.*Justification: The Airport has decided not to keep the millings on-site, the Contractor is to take the millings off-site.***G005** - (6 of 32) Summary of Approximate Quantities table: P-151a Clearing and Grubbing and T-901a Seeding with Hydromulch Estimate for Schedule I has changed from 5 to 4.5 AC.*Justification: The quantity sheet has been updated to show the proper decimal.***G050** - (10 of 32) In the site map and the Overall Phasing Legend: The millings stockpile area has been omitted.*Justification: The Airport has decided not to keep the millings on-site, the Contractor is to take the millings off-site.***G052** - (12 of 32) Under Schedule I & II/Phase 1 Duration All other work: “January 15,2020 – May 29, 2020” is omitted and replaced with “Anytime”. In the site map and the Overall Phasing Legend: The millings stockpile area has been omitted.*Justification: There is no longer a June 5, 2020 completion date. The Airport has decided not to keep the millings on-site, the Contractor is to take the millings off-site.***G053** - (13 of 32) In the site map and the Overall Phasing Legend: The millings stockpile area has been omitted.*Justification: The Airport has decided not to keep the millings on-site, the Contractor is to take the millings off-site.***G054** - (14 of 32) In the site map and the Overall Phasing Legend: The millings stockpile area has been omitted.*Justification: The Airport has decided not to keep the millings on-site, the Contractor is to take the millings off-site.*

**3. QUESTIONS**

A. *Will all schedules be awarded?*

Answer: See section 1-3 Paragraph d. The Schedules will be awarded based on funding availability.

B. *Do the stumps need to be removed?*

The construction will be either tree topping or tree clearing which would include removing the entire tree down to 6 inches below ground elevation.

C. *Is the pre-bid mandatory?*

No, the pre-bid conference is not mandatory; however, it is mandatory for all bidders to examine the site prior to bidding.

D. *Will the MoDOT traffic signs be supplied by MoDOT?*

No, the Contractor shall be responsible for providing and maintaining any and all traffic control devices. All associated costs are incidental to construction and will not be paid separately.

E. *Is this a calendar day project?*

Yes, this is a calendar day project please refer to Section 80-07.1 Contract time based on calendar days.

F. *Is the runway closure marker lighted?*

The runway closure "X" is not required to be lighted per the plans sheet G051, as long as the runway isn't closed during nighttime operations.

G. *Does the Contractor have to have their own surveyor?*

Yes.

H. *Does the Contractor's surveyor have to be certified?*

Yes.

I. *Is there burning allowed in Washington County?*

There is not a burn ban in Washington County, however burning will not be allowed on the project due to the smoke potentially causing visual obstruction for aircraft. You will have to haul the trees off-site.

J. *Is there an access road on the northwest end of the runway for the trees to be removed?*

No, Contractor is to coordinate with the Airport and Resident Engineer for access to the trees.



K. *Is the compaction test standard or modified?*

The compaction requirements per section 152-2.10 Compaction Requirements states that “The subgrade under areas to be paved shall be compacted to a density of not less than 100 percent of maximum dry density as determined by ASTM D 698” – which is Standard Test Methods for Laboratory Compaction Characteristics of Soil Using Standard Effort.

L. *How will we obtain access to the obstruction removal area?*

The Contractor is responsible for contacting the tenant to gain access to the trees in the obstruction removal area.

M. *Is there only one location for the F-160a Fence?*

Yes, the fence will be constructed across the existing access road per the plans, page C201, and the fence is not to be constructed within the right-of-way of Highway 8.

N. *Can the sod be re-used for the side slopes of the access road?*

According to section 152-2.14 of the P-152 Embankment In-Place specification, “Topsoil shall be salvaged from stripping or other grading operations. If, at the time of excavation or stripping, the topsoil cannot be placed in its final section of finished construction, the material shall be stockpiled at approved locations.” The topsoil may be re-used as long as it is viable and will grow grass.

O. *How is topsoil paid?*

Under section 152-2.14 Topsoil of the P-152 Embankment In-Place specification, topsoil will be paid for as embankment in-place. Re-handling of Topsoil will not be paid separately and will be incidental to embankment in-place.

P. *The borrow site area is a significant cut, what about bedrock?*

If the Contractor encounters bedrock within the borrow site, then the Contractor will be allowed to take dirt from the adjacent areas to the borrow site that is marked on the plans as long as the new area does not impact the haul route. The Contractor will still be responsible for grading all of the disturbed areas.

Q. *Will a pipe be needed at the base of the slope from Highway 8 and going under the new access road to prevent pooling of water?*

There will not be a new pipe at the base of Highway 8, but there will be a 24-inch reinforced concrete pipe at the eastern side under the new access road. The grading in the plans on sheet C300 diverts the water to the pipe on the east end of the new access road.

R. *What type of radios will the Contractor be required to have? Will they be for just listening to aircraft or between construction workers?*

According to the Part C – Local Provisions 3. Radio Communications, the Contractor’s superintendent and flagman shall be required to monitor transceiver radios tuned to the 123 MHz<sub>Z</sub> frequency at all times. The radios will be used to monitor movement of aircraft in the case that the Contractor will need to move out of the approach. See plan sheet G003A General Notes, Paragraph 9. “The Contractor shall provide the necessary number of radios for his/her workforce.

S. *Will the Contractor have to locate the utilities?*

Yes, according to the plans sheet G051 number 21. Utilities, The Contractor shall be responsible for locating all underground utilities prior to beginning construction.

T. *Will there be a closed lane on Highway 8?*

It isn't anticipated that a lane will need to be closed on Highway 8, however if the Contractor's work requires it then the Contractor shall follow MUTCD specifications.

U. *Will the Contractor be required to have an engineer on-site at all times?*

No, but the Contractor is required to have a supervisor on-site when working.

V. *Will we be able to mow the small brush in the obstruction removal area?*

If it is necessary, yes.

W. *Does the Contractor have to have their own tester if Jviation has one on-site?*

The Contractor shall employ a Quality Control (QC) testing organization to perform all Contractor required QC tests in accordance with Item C-100 Contractor Quality Control Program (CQCP). QC inspections shall be performed daily as needed to ensure continuing compliance with contract requirements until completion of the particular feature of work. It is to the benefit of the Contractor to supply their own QC tester to make sure they are meeting the specification requirements and to provide documentation that they complied within the specifications as to compare with the QA testing.

X. *Will you be able to switch to a MoDOT Highway technical specification for the asphalt?*

No, we are keeping the MO-401F Plant Mix Bituminous Pavements technical specification.

Y. *I was curious if we would be allowed to leave mulch from the trees (the ones across Hwy 8) on the site spread out on the ground? This question would be applicable for the base bid and/or the Alternate.*

The Contractor is able to mulch the trees, however they must coordinate with the Airport to where they shall be placed.

Z. *Also, is there any lidar data available showing tree heights, even if it is a few years old?*

There is not any lidar data for the tree heights. Please refer to the plan sheets C101 and C102 for the average tree height data for each zone.

#### 4. PRE-BID MEETING AGENDA AND SIGN-IN SHEET

The pre-bid meeting agenda, sign-in sheet and plan holder's list are attached to this addendum.

The final questions will be accepted until **12:00 p.m. (C.S.T.) Wednesday January 15, 2020.**

**\*\* END OF ADDENDUM NO. 1 \*\***

SUMMARY OF APPROXIMATE QUANTITIES					
Item No.	Item Description	Unit	Schedule I	Schedule II	Schedule III
C-105	Mobilization	LS	1	1	1
C-102a	Erosion Control Log	LF	850	0	0
C-102b	Ditch Check	EA	5	0	0
C-102c	Culvert Protection	EA	1	0	0
P-101a	Asphalt Pavement Removal - Full Depth	SY	0	0	134
P-101b	Asphalt Pavement Removal - Butt Joint	SY	80	0	0
P-101c	Removal of Structures/Foundations	LS	1	0	0
P-151a	Clearing and Grubbing	AC	4.5	11.3	0.0
P-151b	Tree Topping (Zone 1 and 2)	AC	0.0	6.0	0.0
P-151c	Tree Topping (Zone 3 and 4)	AC	0.0	4.0	0.0
P-151d	Tree Topping (Zone 5)	AC	0.0	1.3	0.0
P-151e	Tree Clearing	AC	0	0.7	0
P-152a	Embankment In-Place	CY	12,465	0	0
P-152b	Embankment In-Place from Off-site	CY	2,035	0	0
F-160a	Fence, Class B (4-Strand Barb Wire, Wood Posts)	LF	0	0	85
MO-209a	Crushed Aggregate Base Course	SY	1,550	0	0
MO-401Fa	Bituminous Asphalt Pavement	TON	630	0	0
P-603a	Emulsified Asphalt Tack Coat	GAL	430	0	0
MO-609a	Type 4 Rock Ditch Liner	CY	65	0	0
D-701a	24-inch Reinforced Concrete Pipe	LF	100	0	0
T-901a	Seeding with Hydromulch	AC	4.5	11	0
MO-903a	Stop Sign, 36 in. (R1-1)	EA	1	0	0
MO-903b	12 GA. Perforated Square Steel Tube Post, 2.5 in., with 7 GA. Post Anchor and Concrete Footing (for stop sign)	EA	1	0	0
MO-903c	Road Closed, 30 in. x 48 in. (R11-2) with fasteners	EA	0	0	2
MO-903d	Relocate Existing Airport Sign Assembly on two wooden Breakaway Posts	LS	1	0	0

SCHEDULE II ALTERNATE					
P-151e	Tree Clearing	AC	0	12	0

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**Contract Time.** The owner has established a contract perform time of 142 Calendar Days from the date of the Notice-to-Proceed. All project work shall be substantially completed within the stated timeframe. This project is subject to liquidated damages as prescribed in the project manual.

**Bid Security.** No bid will be considered unless accompanied by a certified check or cashier's check on any bank or trust company insured by the Federal Deposit Insurance Corporation, payable to the Owner, for not less than five (5) percent of the total amount of the bid, or by a bid bond secured by an approved surety or sureties, payable to the County of Washington, for not less than five (5) percent of the total amount of the bid.

**Bonding Requirements.** The successful bidder will be required to furnish separate performance and payment bonds each in an amount equal to 100% of the contract price at the time of contract execution.

**Award of Contract.** The Owner intends to award a contract resulting from this solicitation to the lowest, responsive, responsible bidder, whose offer, conforming to the solicitation, will be most advantageous to, and in the best interest of, the Owner, cost or price and other factors considered.

1725 **80-07 DETERMINATION AND EXTENSION OF CONTRACT TIME.** The number of calendar or  
 1726 working days allowed for completion of the work shall be stated in the proposal and contract and shall be known  
 1727 as the CONTRACT TIME.

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 1729 If the contract time require extension for reasons beyond the Contractor's control, it shall be adjusted as follows:  
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1731 **80-07.1 Contract time based on calendar days.** Contract Time based on calendar days shall consist of the  
 1732 number of calendar days stated in the contract counting from the effective date of the Notice to Proceed and  
 1733 including all Saturdays, Sundays, holidays, and non-work days. All calendar days elapsing between the effective  
 1734 dates of the Owner's orders to suspend and resume all work, due to causes not the fault of the Contractor, shall  
 1735 be excluded.

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 1737 At the time of final payment, the contract time shall be increased in the same proportion as the cost of the actually  
 1738 completed quantities bears to the cost of the originally estimated quantities in the proposal. Such increase in the  
 1739 contract time shall not consider either cost of work or the extension of contract time that has been covered by a  
 1740 change order or supplemental agreement. Charges against the contract time will cease as of the date of final  
 1741 acceptance.

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 1743 **80-08 FAILURE TO COMPLETE ON TIME.** For each calendar day or working day, as specified in the  
 1744 contract, that any work remains uncompleted after the contract time (including all extensions and adjustments as  
 1745 provided in the paragraph 80-07, *DETERMINATION AND EXTENSION OF CONTRACT TIME*, the sum  
 1746 specified in the contract and proposal as liquidated damages will be deducted from any money due or to become  
 1747 due the Contractor or his or her surety. Such deducted sums shall not be deducted as a penalty but shall be  
 1748 considered as liquidation of a reasonable portion of damages including but not limited to additional engineering  
 1749 services that will be incurred by the Owner should the Contractor fail to complete the work in the time provided  
 1750 in their contract.

1751

Schedule	Liquidated Damages Cost	Allowed Construction Time
Schedule I	\$750/ Calendar Day(s)	135 Calendar Days
Schedule II	\$750/ Calendar Day(s)	60 Calendar Days
Schedule III	\$750/ Calendar Day(s)	7 Calendar Days

1752 \* Clearing and topping trees for Schedule II must be completed before March 31, 2020 or between November 1,  
 1753 2020 and December 31, 2020.

1754

1755 In addition to the above liquidated damages, up to \$1800 per calendar day(s) for the Construction Manager, and/or  
 1756 up to \$1400 per calendar day(s) for each RPR, plus any incurred expenses (additional testing, per diem, lodging,  
 1757 etc.) will be charged to the Contractor for that time which exceeds the number of Calendar days allowed. Reference  
 1758 the Local Provisions in Section 4, Part C.

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1760 The maximum construction time allowed for overall project is **142 Calendar Days** will be the sum of time allowed  
 1761 for individual schedules but not more than **142 Calendar Days**. Permitting the Contractor to continue and finish  
 1762 the work or any part of it after the time fixed for its completion, or after the date to which the time for completion  
 1763 may have been extended, will in no way operate as a waiver on the part of the Owner of any of its rights under the  
 1764 contract.

1765

1766 **80-09 DEFAULT AND TERMINATION OF CONTRACT.** The Contractor shall be considered in default  
 1767 of their contract and such default will be considered as cause for the Owner to terminate the contract for any of  
 1768 the following reasons if the Contractor:

"General Decision Number: MO20200001 01/03/2020

Superseded General Decision Number: MO20190001

State: Missouri

Construction Types: Heavy and Highway

Counties: Missouri Statewide.

#### HEAVY AND HIGHWAY CONSTRUCTION PROJECTS

Note: Under Executive Order (EO) 13658, an hourly minimum wage of \$10.80 for calendar year 2020 applies to all contracts subject to the Davis-Bacon Act for which the contract is awarded (and any solicitation was issued) on or after January 1, 2015. If this contract is covered by the EO, the contractor must pay all workers in any classification listed on this wage determination at least \$10.80 per hour (or the applicable wage rate listed on this wage determination, if it is higher) for all hours spent performing on the contract in calendar year 2020. If this contract is covered by the EO and a classification considered necessary for performance of work on the contract does not appear on this wage determination, the contractor must pay workers in that classification at least the wage rate determined through the conformance process set forth in 29 CFR 5.5(a)(1)(ii) (or the EO minimum wage rate, if it is higher than the conformed wage rate). The EO minimum wage rate will be adjusted annually. Please note that this EO applies to the above-mentioned types of contracts entered into by the federal government that are subject to the Davis-Bacon Act itself, but it does not apply to contracts subject only to the Davis-Bacon Related Acts, including those set forth at 29 CFR 5.1(a)(2)-(60). Additional information on contractor requirements and worker protections

under the EO is available at [www.dol.gov/whd/govcontracts](http://www.dol.gov/whd/govcontracts).

Modification Number	Publication Date
0	01/03/2020

CARP0002-002 05/01/2019

ST. LOUIS COUNTY AND CITY

	Rates	Fringes
Carpenters.....	\$ 38.02	17.77

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CARP0005-006 05/03/2015

CASS (Richards-Gebauer AFB ONLY), CLAY, JACKSON, PLATTE AND RAY  
COUNTIES

	Rates	Fringes
Carpenters:		
CARPENTERS & LATHERS.....	\$ 36.34	15.55
MILLWRIGHTS & PILEDRIVERS...	\$ 36.34	15.55

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CARP0011-001 05/01/2019

	Rates	Fringes
Carpenter and Piledriver		
ADAIR, AUDRAIN (West of Hwy 19), BOONE, CALLAWAY, CHARITON, COLE, COOPER, HOWARD, KNOX, LINN, MACON, MILLER, MONITEAU, MONROE, OSAGE, PUTNAM, RANDOLPH, SCHUYLER, SHELBY AND SULLIVAN COUNTIES.....	\$ 32.28	17.77
ATCHISON, ANDREW, BATES,		

CALDWELL, CARROLL, DAVIESS,  
 DEKALB, GENTRY, GRUNDY,  
 HARRISON, HENRY, HOLT,  
 LIVINGSTON, MERCER,  
 NODAWAY, ST. CLAIR, SALINE  
 AND WORTH COUNTIES.....\$ 30.76            17.77  
 AUDRAIN (East of Hwy.19),  
 RALLS, MARION, LEWIS,  
 CLARK AND SCOTLAND COUNTIES.\$ 32.29            17.77  
 BARRY, BARTON, CAMDEN,  
 CEDAR, CHRISTIAN, DADE,  
 DALLAS, DOUGLAS, GREENE,  
 HICKORY, JASPER, LACLEDE,  
 LAWRENCE, MCDONALD,  
 NEWTON, OZARK, POLK,  
 STONE, TANEY, VERNON,  
 WEBSTER AND WRIGHT COUNTIES.\$ 30.36            17.77  
 BENTON, MORGAN AND PETTIS...\$ 30.81            17.77  
 BOLLINGER, BUTLER, CAPE  
 GIRARDEAU, DUNKLIN,  
 MISSISSIPPI, NEW MADRID,  
 PEMISCOT, PERRY, STE.  
 GENEVIEVE, SCOTT, STODDARD  
 AND WAYNE COUNTIES.....\$ 32.14            17.77  
 BUCHANAN, CLINTON, JOHNSON  
 AND LAFAYETTE COUNTIES.....\$ 31.49            17.77  
 CARTER, HOWELL, OREGON AND  
 RIPLEY COUNTIES.....\$ 31.09            17.77  
 CRAWFORD, DENT, GASCONADE,  
 IRON, MADISON, MARIES,  
 MONTGOMERY, PHELPS,  
 PULASKI, REYNOLDS, SHANNON  
 AND TEXAS COUNTIES.....\$ 32.13            17.77  
 FRANKLIN COUNTY.....\$ 35.56            17.77  
 JEFFERSON AND ST. CHARLES  
 COUNTIES.....\$ 38.02            17.77  
 LINCOLN COUNTY.....\$ 34.00            17.77  
 PIKE, ST. FRANCOIS AND  
 WASHINGTON COUNTIES.....\$ 32.92            17.77  
 WARREN COUNTY.....\$ 34.44            17.77

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ELEC0001-002 06/03/2018

BOLLINGER, BUTLER, CAPE GIRARDEAU, CARTER, DUNKLIN, FRANKLIN, IRON, JEFFERSON, LINCOLN, MADISON, MISSISSIPPI, NEW MADRID, PEMISCOT, PERRY,REYNOLDS, RIPLEY, ST. CHARLES, ST. FRANCOIS, ST. LOUIS (City and County), STE. GENEVIEVE, SCOTT, STODDARD, WARREN, WASHINGTON AND WAYNE COUNTIES

	Rates	Fringes
Electricians.....	\$ 38.12	15.60

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ELEC0002-001 09/01/2018

ADAIR, AUDRAIN, BOONE, CALLAWAY, CAMDEN, CARTER, CHARITON, CLARK, COLE, COOPER, CRAWFORD, DENT, FRANKLIN, GASCONADE, HOWARD, HOWELL, IRON, JEFFERSON, KNOX, LEWIS, LINCON, LINN, MACON, MARIES, MARION, MILLER, MONITEAU, MONROE, MONTGOMERY, MORGAN, OREGON, OSAGE, PERRY, PHELPS, PIKE, PULASKI, PUTNAM, RALLS, RANDOLPH, REYNOLDS, RIPLEY, ST. CHARLES, ST. FRANCOIS, ST. LOUIS (City and County), STE. GENEVIEVE, SCHUYLER, SCOTLAND, SHANNON, SHELBY, SULLIVAN, TEXAS, WARREN AND WASHINGTON COUNTIES

	Rates	Fringes
Line Construction:		
Equipment Operator.....	\$ 39.50	19.96
Groundman & Truck Driver....	\$ 30.36	16.67
Lineman & Cable Splicer.....	\$ 45.90	22.27

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ELEC0053-004 09/02/2018

	Rates	Fringes
Line Construction: (ANDREW,		
ATCHINSON, BARRY, BARTON,		
BUCHANAN, CALDWELL, CEDAR,		
CHRISTIAN, CLINTON, DADE,		



DALLAS, DAVIES,, DEKALB,  
 DOUGLAS, GENTRY, GREENE,  
 GRUNDY, HARRISON, HICKORY,  
 HOLT, JASPER, LACLEDE,  
 LAWRENCE, LIVINGSTON,  
 MCDONALD, MERCER, NEWTON,  
 NODAWAY, OZARK, POLK, ST.  
 CLAIR, STONE, TANEY, VERNON,  
 WEBSTER, WORTH AND WRIGHT  
 COUNTIES)

Groundman Powderman.....	\$ 31.56	14.90
Groundman.....	\$ 29.46	14.29
Lineman Operator.....	\$ 42.24	18.00
Lineman.....	\$ 45.70	19.00

Line Construction; (BATES,  
 BENTON, CARROLL, CASS, CLAY,  
 HENRY, JACKSON, JOHNSON,  
 LAFAYETTE, PETTIS, PLATTE,  
 RAY AND SALINE COUNTIES)

Groundman Powderman.....	\$ 31.56	14.90
Groundman.....	\$ 29.46	14.29
Lineman Operator.....	\$ 42.24	18.00
Lineman.....	\$ 45.70	19.00

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 \* ELEC0095-001 06/01/2019

BARRY, BARTON, CEDAR, DADE, JASPER, LAWRENCE, MCDONALD, NEWTON,  
 ST CLAIR, AND VERNON COUNTIES

Rates Fringes

Electricians:

Cable Splicers.....	\$ 25.40	12.19
Electricians.....	\$ 27.43	14.97

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 ELEC0124-007 08/26/2019

BATES, BENTON, CARROLL, CASS, CLAY, COOPER, HENRY, JACKSON,  
 JOHNSON, LAFAYETTE, MORGAN, PETTIS, PLATTE, RAY AND SALINE  
 COUNTIES:

	Rates	Fringes
Electricians.....	\$ 40.79	22.92

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ELEC0257-003 03/01/2019

AUDRAIN (Except Cuivre Township), BOONE, CALLAWAY, CAMDEN,  
CHARITON, COLE, CRAWFORD, DENT, GASCONADE, HOWARD, MARIES,  
MILLER, MONITEAU, OSAGE, PHELPS AND RANDOLPH COUNTIES

	Rates	Fringes
Electricians:		
Cable Splicers.....	\$ 30.42	16.085
Electricians.....	\$ 33.25	18.18

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ELEC0350-002 12/01/2018

ADAIR, AUDRAIN (East of Highway 19), CLARK, KNOX, LEWIS, LINN,  
MACON, MARION, MONROE, MONTGOMERY, PIKE, PUTNAM, RALLS,  
SCHUYLER, SCOTLAND, SHELBY AND SULLIVAN COUNTIES

	Rates	Fringes
Electricians.....	\$ 31.50	17.20

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ELEC0453-001 09/01/2019

	Rates	Fringes
Electricians:		
CHRISITAN, DALLAS,		
DOUGLAS, GREENE, HICKORY,		
HOWELL, LACLEDE, OREGON,		
OZARK, POLK, SHANNON,		
WEBSTER and WRIGHT COUNTIES..	\$ 27.88	14.99
PULASKI and TEXAS COUNTIES..	\$ 32.53	15.46

STONE and TANEY COUNTIES....\$ 23.67 14.17

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ELEC0545-003 06/01/2019

ANDREW, BUCHANAN, CLINTON, DEKALB, ATCHISON, HOLT, MERCER,  
GENTRY, HARRISON, DAVIESS, GRUNDY, WORTH, LIVINGSTON, NODAWAY,  
AND CALDWELL COUNTIES

Rates Fringes

Electricians:.....\$ 32.00 17.30

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ELEC0702-004 01/01/2019

BOLLINGER, BUTLER, CAPE GIRARDEAU, DUNKLIN, MADISON,  
MISSISSIPPI, NEW MADRID, PEMISCOT, SCOTT, STODDARD AND WAYNE  
COUNTIES

Rates Fringes

Line Construction:

Groundman - Class A.....\$ 29.48 14.55

Groundman-Equipment

Operator Class II (all  
other equipment).....\$ 37.35 16.83

Heavy-Equipment Operator

Class I (all crawler type  
equipment D-4 and larger)...\$ 42.59 18.35

Lineman.....\$ 51.88 21.04

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ENGI0101-001 05/01/2016

ANDREW, ATCHISON, BATES, BENTON, BUCHANAN, CALDWELL, CARROLL,  
CHARITON, CLINTON, COOPER, DAVIESS, DEKALB, GENTRY, GRUNDY,  
HARRISON, HENRY, HOLT, HOWARD, JOHNSON, LAFAYETTE, LINN,  
LIVINGSTON, MERCER, NODAWAY, PETTIS, SALINE, SULLIVAN AND WORTH  
COUNTIES

	Rates	Fringes
Power equipment operators:		
GROUP 1.....	\$ 33.38	15.92
GROUP 2.....	\$ 32.98	15.92
GROUP 3.....	\$ 30.98	15.92

## POWER EQUIPMENT OPERATORS CLASSIFICATIONS

GROUP 1: Asphalt roller operator, finish; asphalt paver and spreader; asphalt plant operator; auto grader or trimmer or sub-grader; backhoe; blade operator (all types); boilers - 2; booster pump on dredge; bulldozer operator; boring machine (truck or crane mounted); clamshell operator; concrete mixer paver; concrete plant operator; concrete pump operator; crane operator; derrick or derrick trucks; ditching machine; dragline operator; dredge engineman; dredge operator; drill cat with compressor mounted (self-contained) or similar type self-propelled rotary drill (not air tract); drilling or boring machine (rotary-self-propelled); finishing machine operator; greaser; high loader-fork lift-skid loader (all types); hoisting engineer (2 active drums); locomotive operator (standard guage); mechanics and welders (field and plants); mucking machine operator; pile drive operator; pitman crane or boom truck (all types); push cat; quad track; scraper operators (all types); shovel operator; sideboom cats; side discharge spreader; skimmer scoop operators; slip form paver operator (CMI, Rex, Gomeco or equal); la tourneau rooter (all tiller types); tow boat operator; truck crane; wood and log chippers (all types).

GROUP 2: A-frame truck operator; articulated dump truck; back filler operator; boilers (1); chip spreader; churn drill operator; compressor; concrete mixer operator, skip loader; concrete saws (self-propelled); conveyor operator; crusher operator; distributor operator; elevating grader operator; farm tractor (all attachments); fireman rig; float operator; form grade operator; hoisting engine (one drum); maintenance operator; multiple compactor; pavement breaker, self-propelled hydra-hammer (or similar type);

paymill operator; power shield; pumps; roller operator (with or without blades); screening and washing plant; self-propelled street broom or sweeper; siphons and jets; straw blower; stump cutting machine; siphons and jets; tank car heater operator (combination boiler and booster); welding machine; vibrating machine operator (not hand held); welding machine.

- GROUP 3: (a) Oiler;
- (b) Oiler driver
- (c) Mechanic.

HOURLY PREMIUMS:

THE FOLLOWING CLASSIFICATIONS SHALL RECEIVE (\$ .25) ABOVE GROUP 1 RATE: Dragline operator - 3 yds. & over; shovel 3 yds. & over; clamshell 3 yds. & over; Crane, rigs or piledrivers, 100' of boom or over (incl. jib.), hoist - each additional active drum over 2 drums

THE FOLLOWING CLASSIFICATIONS SHALL RECEIVE (\$ .50) ABOVE GROUP 1 RATE: Tandem scoop operator; crane, rigs or piledrivers 150' to 200' of boom (incl. jib.)

THE FOLLOWING CLASSIFICATIONS SHALL RECEIVE (\$ .75) ABOVE GROUP 1 RATE: Crane rigs, or piledrivers 200 ft. of boom or over (including jib.)

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ENGI0101-005 04/01/2018

CASS, CLAY, JACKSON, PLATTE AND RAY COUNTIES

	Rates	Fringes
Power equipment operators:		
GROUP 1.....	\$ 36.22	17.99
GROUP 2.....	\$ 35.18	17.99
GROUP 3.....	\$ 30.71	17.99
GROUP 4.....	\$ 34.06	17.99

POWER EQUIPMENT OPERATORS CLASSIFICATIONS

GROUP 1: Asphalt roller operator, finish; asphalt paver and spreader; asphalt plant operator; auto grader or trimmer or sub-grader; backhoe; blade operator (all types); boilers-2; booster pump on dredge; boring machine (truck or crane mounted); bulldozer operator; clamshell operator; concrete cleaning decontamination machine operator; concrete mixer paver; concrete plant operator; concrete pump operator; crane operator; derrick or derrick trucks; ditching machine; dragline operator; dredge engineman; dredge operator; drillcat with compressor mounted (self-contained) or similar type self propelled rotary drill (not air tract); drilling or boring machine (rotary - self-propelled); finishing machine operator; greaser; heavy equipment robotics operator/mechanic; horizontal directional drill operator; horizontal directional drill locator; loader-forklift - skid loader (all types); hoisting engineer (2 active drums); locomotive operator (standard guage); master environmental maintenance mechanic; mechanics and welders (field and plants); mucking machine operator; piledrive operator; pitman crane or boom truck (all types); push cat; quad-track; scraper operators (all types); shovel operator; side discharge spreader; sideboom cats; skimmer scoop operator; slip-form paver (CMI, REX, Gomaco or equal); la tourneau rooter (all tiller types); tow boat operator; truck crane; ultra high perssure waterjet cutting tool system operator/mechanic; vacuum blasting machine operator/mechanic; wood and log chippers (all types)

GROUP 2: ""A"" Frame truck operator; back filler operator; boilers (1); chip spreader; churn drill operator; concrete mixer operator, skip loader; concrete saws (self-propelled); conveyor operator; crusher operator; distributor operator; elevating grader operator; farm tractor (all attachments); fireman rig; float operator; form grader operator; hoisting engine (1 drum); maintenance operator; multiple compactor; pavement breaker, self-propelled hydra- hammer (or similar type); power shield; paymill operator; pumps; siphons and jets; stump cutting machine; tank car heater operator (combination

boiler and booster); compressor; roller operator (with or without blades); screening and washing plant; self-propelled street broom or sweeper; straw blower; tank car heater operator (combination boiler and booster); vibrating machine operator (not hand held)

GROUP 3: Oilers

GROUP 4: Oiler Driver (All Types)

FOOTNOTE:

HOURLY PREMIUMS FOLLOWING CLASSIFICATIONS SHALL RECEIVE (\$1.00) ABOVE GROUP 1 RATE:

Clamshells - 3 yd. capacity or over; Cranes or rigs, 80 ft. of boom or over (including jib); Draglines, 3 yd. capacity or over;

Piledrivers 80 ft. of boom or over (including jib);

Shovels & backhoes, 3 yd. capacity or over.

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ENGI0101-022 05/01/2016

BARRY, BARTON, CAMDEN, CEDAR, CHRISTIAN, DADE, DALLAS, DOUGLAS, GREENE, HICKORY, JASPER, LACLEDE, LAWRENCE, MCDONALD, NEWTON, OZARK, POLK, ST. CLAIR, STONE, TANEY, VERNON, WEBSTER AND WRIGHT COUNTIES and CITY OF SPRINGFIELD

Rates Fringes

Power equipment operators:

GROUP 1.....	\$ 30.82	13.30
GROUP 2.....	\$ 29.88	13.30
GROUP 3.....	\$ 30.27	13.30
GROUP 4.....	\$ 28.22	13.30

POWER EQUIPMENT OPERATORS CLASSIFICATIONS

GROUP 1: Asphalt finishing machine & trench widening spreader; asphalt plant console operator; autograder; automatic slipform paver; backhoe; blade operator - all

types; boat operator - tow; boilers-2; central mix concrete plant operator; clamshell operator; concrete mixer paver; crane operator; derrick or derrick trucks; ditching machine; dozer operator; dragline operator; dredge booster pump; dredge engineman; dredge operator; drill cat with compressor mounted on cat; drilling or boring machine rotary self-propelled; highloader; hoisting engine - 2 active drums; launch hammer wheel; locomotive operator; - standard gauge; mechanic and welders; mucking machine; off-road trucks; piledriver operator; pitman crane operator; push cat operator; quad trac; scoop operator - all types; shovel operator; sideboom cats; skimmer scoop operators; trenching machine operator; truck crane.

GROUP 2: A-frame; asphalt hot-mix silo; asphalt plant fireman (drum or boiler); asphalt plant man; asphalt plant man; asphalt plant mixer operator; asphalt roller operator; backfiller operator; barber-greene loader; boat operator (bridges and dams); chip spreader; concrete mixer operator - skip loader; concrete plant operator; concrete pump operator; crusher operator; dredge oiler; elevating grader operator; fork lift; greaser-fleet; hoisting engine - 1; locomotive operator - narrow gauge; multiple compactor; pavement breaker; powerbroom - self-propelled; power shield; rooter; side discharge concrete spreader; slip form finishing machine; stumpcutter machine; throttle man; tractor operator (over 50 h.p.); winch truck.

GROUP 3: Boilers - 1; chip spreader (front man); churn drill operator; clef plane operator; concrete saw operator (self-propelled); curb finishing machine; distributor operator; finishing machine operator; flex plane operator; float operator; form grader operator; pugmill operator; roller operator, other than high type asphalt; screening & washing plant operator; siphons & jets; sub-grading machine operator; spreader box operator, self-propelled (not asphalt); tank car heater operator (combination boiler & booster); tractor operator (50 h.p. or less); Ulmac, Ulric or similar spreader; vibrating machine operator, not hand;

GROUP 4: Grade checker; Oiler; Oiler-Driver



HOURLY PREMIUMS:

The following classifications shall receive \$ .25 above GROUP 1 rate:

- Clamshells - 3 yds. or over; Cranes - Rigs or Piledrivers, 100 ft. of boom or over (including jib);
- Draglines - 3 yds. or over; Hoists - each additional active drum over 2 drums; Shovels - 3 yds. or over;

The following classifications shall receive \$ .50 above GROUP 1 rate:

- Tandem scoop operator; Cranes - Rigs or Piledrivers, 150 ft. to 200 ft. of boom (including jib); Tandem scoop.

The following classifications shall receive \$ .75 above GROUP 1 rate:

- Cranes - Rigs or Piledrivers, 200 ft. of boom or over (including jib.).

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ENGI0513-004 05/06/2019

FRANKLIN, JEFFERSON, LINCOLN, ST CHARLES, AND WARREN COUNTIES

	Rates	Fringes
Power equipment operators:		
GROUP 1.....	\$ 34.36	27.36
GROUP 2.....	\$ 34.36	27.36
GROUP 3.....	\$ 33.06	27.36
GROUP 4.....	\$ 32.61	27.36

POWER EQUIPMENT OPERATORS CLASSIFICATIONS

GROUP 1: Backhoe, Cable; Backhoe, Hydraulic (2 cu yds bucket and under regardless of attachment, one oiler for 2 or 3, two oilers for 4 through 6); Backhoe, Hydraulic over 2 cu yds; Cableway; Crane, Crawler or Truck; Crane, Hydraulic - Truck or Cruiser mounted, 16 tons and over; Crane, Locomotive; crane with boom including jib over 100 ft from

pin to pin; Crane using rock socket tool; Derrick, Steam; Derrick Car and Derrick Boat; Dragline, 7 cu yds and over; Dredge; Gradall, Crawler or tire mounted; Locomotive, Gas, Steam & other powers; Pile Driver, Land or Floating; Scoop, Skimmer; Shovel, Power (Electric, Gas, Steam or other powers); Shovel, Power (7 cu yds and over); Switch Boat; Whirley; Air Tugger with air compressor; Anchor Placing Barge; Asphalt Spreader; Athey Force Feeder Loader, self-propelled; Backfilling Machine; Boat Operator - Push Boat or Tow Boat (job site); Boiler, High Pressure Breaking in Period; Boom Truck, Placing or Erecting; Boring Machine, Footing Foundation; Bullfloat; Cherry Picker; Combination Concrete Hoist and Mixer (such as Mixermobile); Compressor, Two 125 CFM and under; Compressor, Two through Four over 125 CFM; Compressor when operator runs throttle; Concrete Breaker (Truck or Tractor mounted); Concrete Pump (such as Pumpcrete machine); Concrete Saw (self-propelled); Concrete Spreader; Conveyor, Large (not self-propelled) hoisting or moving brick and concrete into, or into and on floor level, one or both; Crane, Climbing (such as Linden); Crane, Hydraulic - Rough Terrain, self-propelled; Crane, Hydraulic - Truck or Cruiser mounted - under 16 tons; Drilling machine - Self-powered, used for earth or rock drilling or boring (wagon drills and any hand drills obtaining power from other sources including concrete breakers, jackhammers and Barco equipment no engineer required); Elevating Grader; Engine Man, Dredge; Excavator or Powerbelt Machine; Finishing Machine, self-propelled oscillating screed; Forklift; Generators, Two through Six 30 KW or over; Grader, Road with power blade; Greaser; Highlift; Hoist, Concrete and Brick (Brick cages or concrete skips operating or on tower, Towermobile, or similar equipment); Hoist, Three or more drums in use; Hoist, Stack; Hydro-Hammer; Lad-A-Vator, hoisting brick or concrete; Loading Machine such as Barber-Greene; Mechanic on job site

GROUP 2: Air Tugger with plant air; Boiler (for power or heating shell of building or temporary enclosures in connection with construction work); Boiler, Temporary; Compressor, One over 125 CFM; Compressor, truck mounted; Conveyor, Large (not self-propelled); Conveyor, Large (not

self-propelled) moving brick and concrete (distributing) on floor level; Curb Finishing Machine; Ditch Paving Machine; Elevator (outside); Endless Chain Hoist; Fireman (as required); Form Grader; Hoist, One Drum regardless of size (except brick or concrete); Lad-A-Vator, other hoisting; Manlift; Mixer, Asphalt, over 8 cu ft capacity; Mixer, one bag capacity or less; Mixer, without side loader, two bag capacity or more; Mixer, with side loader, regardless of size, not Paver; Mud Jack (where mud jack is used in conjunction with an air compressor, operator shall be paid \$ .55 per hour in addition to his basic hourly rate for covering both operations); Pug Mill operator; Pump, Sump - self powered, automatic controlled over 2"; Scissor Lift (used for hoisting); Skid Steer Loader; Sweeper, Street; Tractor, small wheel type 50 HP and under with grader blade and similar equipment; Welding Machine, One over 400 amp; Winch, operating from truck

GROUP 3: Boat operator - outboard motor, job site; Conveyors (such as Con-Vay-It) regardless of how used; Elevator (inside); Heater operator, 2 through 6; Sweeper, Floor

GROUP 4: Crane type

HOURLY PREMIUMS:

Backhoe, Hydraulic 2 cu yds or less without oiler - \$2.00;

Crane, climbing (such as Linden) - \$.50;

Crane, Pile Driving and Extracting - \$ .50

Crane with boom (including job) over 100 ft from pin to pin - add \$.01 per foot to maximum of \$4.00);

Crane, using rock socket tool - \$ .50;

Derrick, diesel, gas or electric hoisting material and erecting steel (150 ft or more above ground) - \$ .50;

Dragline, 7 cu yds and over - \$ .50;

Hoist, Three or more drums in use - \$ .50;

Scoop, Tandem - \$.50;

Shovel, Power - 7 cu yds and over - \$ .50;

Tractor, Tandem Crawler - \$ .50;

Tunnel, man assigned to work in tunnel or

tunnel shaft - \$ .50;

Wrecking, when machines are working on

second floor or higher - \$ .50

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ENGI0513-006 05/01/2019

Rates Fringes

Power equipment operators:

GROUP 1.....	\$ 29.69	27.16
GROUP 2.....	\$ 29.34	27.16
GROUP 3.....	\$ 29.14	27.16
GROUP 4.....	\$ 25.49	27.16

POWER EQUIPMENT OPERATORS CLASSIFICATIONS

GROUP 1: Asphalt finishing machine & trench widening spreader, asphalt plant console operator; autograder; automatic slipform paver; back hoe; blade operator - all types; boat operator tow; boiler two; central mix concrete plant operator; clam shell operator; concrete mixer paver; crane operator; derrick or derrick trucks; ditching machine; dozer operator; dragline operator; dredge booster pump; dredge engineman; dredge operator; drill cat with compressor mounted on cat; drilling or boring machine rotary self-propelled; highloader; hoisting engine 2 active drums; launchhammer wheel; locomotive operator standrad guage; mechanics and welders; mucking machine; piledriver operator; pitman crane operator; push cat operator; guad-trac; scoop operator; sideboom cats; skimmer scoop operator; trenching machine operator; truck crane, shovel operator.

GROUP 2: A-Frame; asphalt hot-mix silo; asphalt roller operator asphalt plant fireman (drum or boiler); asphalt plant man; asphalt plant mixer operator; backfiller operator; barber-greene loader; boat operator (bridge & dams); chip spreader; concrete mixer operator skip loader; concrete plant operator; concrete pump operator; dredge oiler; elevating graded operator; fork lift; grease fleet;

hoisting engine one; locomotive operator narrow guage;  
multiple compactor; pavement breaker; powerbroom  
self-propelled; power shield; rooter; slip-form finishing  
machine; stumpcutter machine; side discharge concrete  
spreader; throttleman; tractor operator (over 50 hp); winch  
truck; asphalt roller operator; crusher operator.

GROUP 3: Spreader box operator, self-propelled not asphalt;  
tractor operator (50 h.p. or less); boilers one; chip  
spreader (front man); churn drill operator; compressor over  
105 CFM 2-3 pumps 4" & over; 2-3 light plant 7.5 KWA or any  
combination thereof; clef plane operator; compressor  
maintenance operator 2 or 3; concrete saw operator  
(self-propelled); curb finishing mancine; distributor  
operator; finishing machine operator; flex plane operator;  
float operator; form grader operator; pugmill operator;  
riller operator other than high type asphalt; screening &  
washing plant operator; siphons & jets; subgrading machine  
operator; tank car heater (combination boiler & booster);  
ulmac, ulric or similar spreader; vibrating machine  
operator; hydrobroom.

GROUP 4: Oiler; grout machine; oiler driver; compressor over  
105 CFM one; conveyor operator one; maintenance operator;  
pump 4" & over one.

FOOTNOTE: HOURLY PREMIUMS

Backhoe hydraulic, 2 cu. yds. or under Without oiler - \$2.00

Certified Crane Operator - \$1.50;

Certified Hazardous Material Operator \$1.50;

Crane, climbing (such as Linden) - \$0.50;

Crane, pile driving and extracting - \$0.50;

Crane, with boom (including jib) over 100' from pin to pin  
add \$0.01 per foot to maximum of \$4.00;

Crane, using rock socket tool - \$0.50;

Derrick, diesel, gas or electric, hoisting material and  
erecting steel (150' or more above the ground) - \$0.50;

Dragline, 7 cu. yds, and over - \$0.50;

Hoist, three or more drums in use - \$0.50; Scoop, Tandem -  
\$0.50;

Shovel, power - 7 cu. yds. or more - \$0.50;

Tractor, tandem crawler - \$0.50;

Tunnel, man assigned to work in tunnel or tunnel shaft - \$0.50;

Wrecking, when machine is working on second floor or higher - \$0.50;

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ENGI0513-007 05/06/2019

ST. LOUIS CITY AND COUNTY

	Rates	Fringes
Power equipment operators:		
GROUP 1.....	\$ 34.36	27.36
GROUP 2.....	\$ 34.36	27.36
GROUP 3.....	\$ 33.06	27.36
GROUP 4.....	\$ 32.61	27.36

POWER EQUIPMENT OPERATORS CLASSIFICATIONS

GROUP 1: Backhoe, cable or hydraulic; cableway; crane crawler or truck; crane, hydraulic-truck or cruiser mounted 16 tons & over; crane locomotive; derrick, steam; derrick car & derrick boat; dragline; dredge; gradall, crawler or tire mounted; locomotive, gas, steam & other powers; pile driver, land or floating; scoop, skimmer; shovel, power (steam, gas, electric or other powers); switch boat; whirley.

GROUP 2: Air tugger w/air compressor; anchor-placing barge; asphalt spreader; athey force feeder loader (self-propelled); backfilling machine; backhoe-loader; boat operator-push boat or tow boat (job site); boiler, high pressure breaking in period; boom truck, placing or erecting; boring machine, footing foundation; bull- float; cherry picker; combination concrete hoist & mixer (such as mixer mobile); compressor (when operator runs throttle); concrete breaker (truck or tractor mounted); concrete pump, such as pump-crete machine; concrete saw (self-propelled),

concrete spreader; conveyor, large (not self-propelled), hoisting or moving brick and concrete into, or into and on floor level, one or both; crane, hydraulic-rough terrain, self-propelled; crane hydraulic-truck or cruiser mounted-under 16 tons; drilling machines, self-powered use for earth or rock drilling or boring (wagon drills and any hand drills obtaining power from other sources including concrete breakers, jackhammers and barco equipment-no engineer required); elevating grader; engineman, dredge; excavator or powerbelt machine; finishing machine, self-propelled oscillating screed; forklift; grader, road with power blade; highlift. greaser; hoist, stack, hydro-hammer; loading machine (such as barber-greene); machanic, on job site; mixer, pipe wrapping machines; plant asphalt; plant, concrete producing or ready-mix job site; plant heating-job site; plant mixing-job site; plant power, generating-job site; pumps, two through six self-powered over 2"; pumps, electric submersible, two through six, over 4"; quad-track; roller, asphalt, top or sub-grade; scoop, tractor drawn; spreader box; sub-grader; tie tamper; tractor-crawler, or wheel type with or without power unit, power take-offs and attachments regardless of size; trenching machine; tunnel boring machine; vibrating machine automatic, automatic propelled; welding machines (gasoline or diesel) two through six; well drilling machine

GROUP 3: Conveyor, large (not self-propelled); conveyor, large (not self-propelled) moving brick and concrete distributing) on floor level; mixer two or more mixers of one bag capacity or less; air tugger w/plant air; boiler, for power or heating on construction projects; boiler, temporary; compressor (mounted on truck; curb finishing machine; ditch paving machine; elevator; endless chain hoist; form grader; hoist, one drum regardless of size; lad-a-vator; manlift; mixer, asphalt, over 8 cu. ft. capacity, without side loader, 2 bag capacity or more; mixer, with side loader, regardless of size; pug mill operator; pump, sump-self-powered, automatic controlled over 2" during use in connection with construction work; sweeper, street; welding machine, one over 400 amp.; winch operating from truck; scissor lift (used for hoisting);

tractor, small wheel type 50 h.p. & under with grader blade & similar equipment; Oiler on dredge and on truck crane.

GROUP 4: Boat operator-outboard motor (job site); conveyor (such as con-vay-it) regardless of how used; sweeper, floor

HOURLY PREMIUMS:

Backhoe, hydraulic	
2 cu. yds. or under without oiler	\$2.00
Certified Crane Operator	1.50
Certified Hazardous Material Operator	1.50
Crane, climbing (such as Linden)	.50
Crane, pile driving and extracting	.50
Crane, with boom (including jib) over 100' (from pin to pin) add \$.01 per foot to maximum of	4.00
Crane, using rock socket tool	.50
Derrick, diesel, gas or electric, hoisting material and erecting steel (150' or more above ground)	.50
Dragline, 7 cu. yds. and over	.50
Hoist, three (3) or more drums in use	.50
Scoop, Tandem	.50
Shovel, power - 7 cu. yds. or more	.50
Tractor, tandem crawler	.50
Tunnel, man assigned to work in tunnel or tunnel shaft	.50
Wrecking, when machine is working on second floor or higher	.50

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IRON0010-012 04/01/2019

Rates Fringes

Ironworkers:

- ANDREW, BARTON, BENTON,
- CAMDEN, CEDAR, CHARITON,
- CHRISTIAN, COOPER, DADE,
- DALLAS, DAVIESS, DE KALB,
- GENTRY, GREENE, GRUNDY,



HARRISON, HICKORY, HOLT,  
 HOWARD, LACLEDE, LINN,  
 LIVINGSTON, MERCER,  
 MONITEAU, MORGAN, NODAWAY,  
 PETTIS, POLK, PUTNAM,  
 RANDLOPH, ST. CLAIR,  
 SULLIVAN, TANEY, VERNON,  
 WEBSTER, WRIGHT and WORTH  
 Counties and portions of  
 ADAIR, BOONE, MACON,  
 MILLER and RANDOLPH

Counties.....\$ 30.55                    30.44

ATCHISON, BATES, BUCHANAN,  
 CALDWELL, CARROLL, CASS,  
 CLAY, CLINTON, HENRY,  
 JACKSON, JOHNSON,  
 LAFAYETTE, PETTIS, PLATTE,  
 SALINE, AND RAY COUNTIES....\$ 33.55                    30.44

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 IRON0321-002 09/01/2019

DOUGLAS, HOWELL and OZARK COUNTIES

	Rates	Fringes
Ironworker.....	\$ 21.10	19.01

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 IRON0396-004 08/07/2019

ST. LOUIS (City and County), ST. CHARLES, JEFFERSON, IRON,  
 FRANKLIN, LINCOLN, WARREN, WASHINGTON, ST. FRANCOIS, STE.  
 GENEVIEVE, and REYNOLDS Counties; and portions of MADISON,  
 PERRY, BOLLINGER, WAYNE, and CARTER Counties

	Rates	Fringes
Ironworker.....	\$ 34.91	27.36

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 IRON0396-009 08/07/2019

AUDRAIN, CALLAWAY, COLE, CRAWFORD, DENT, GASCONADE, MARIES, MONTGOMERY, OSAGE, PHELPS, PIKE, PULASKI, TEXAS and WRIGHT Counties; and portions of BOONE, CAMDEN, DOUGLAS, HOWELL, LACLEDE, MILLER, MONROE, OREGON, SHANNON and RALLS Counties

Rates Fringes

Ironworker.....\$ 30.44 27.36

IRON0577-005 06/01/2019

ADAIR, CLARK, KNOX, LEWIS, MACON, MARION, MONROE, RALLS, SCHUYLER, SCOTLAND, AND SHELBY COUNTIES

Rates Fringes

Ironworker.....\$ 26.60 24.00

IRON0584-004 06/01/2019

BARRY, JASPER, LAWRENCE, MCDONALD, NEWTON AND STONE Counties

Rates Fringes

Ironworkers:.....\$ 26.00 15.35

IRON0782-003 05/01/2019

CAPE GIRARDEAU, MISSISSIPPI, NEW MADRID, SCOTT, & STODDARD Counties; and portions of BOLLINGER, BUTLER, CARTER, DUNKLIN, MADISON, PEMISCOT, PERRY, RIPLEY, and WAYNE Counties

Rates Fringes

Ironworkers:

Locks, Dams, Bridges and other major work on the Mississippi and Ohio River

only.....	\$ 31.63	24.27
All Other Work.....	\$ 27.38	23.29

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LAB00042-003 03/06/2019

ST. LOUIS (City and County)

Rates Fringes

LABORER

Plumber Laborer.....	\$ 33.22	15.67
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LAB00042-005 03/06/2019

ST. LOUIS (City and County)

Rates Fringes

LABORER

Dynamiter, Powderman.....	\$ 33.22	15.67
Laborers, Flaggers.....	\$ 33.22	15.67
Wrecking.....	\$ 33.22	15.67

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LAB00424-002 05/01/2016

Rates Fringes

LABORER

ADAIR, AUDRAIN, BOONE, CALLAWAY, CHARITON, CLARK, COLE, COOPER, HOWARD, IRON, KNOX, LEWIS, LINN, MACON, MADISON, MARION, MILLER, MONITEAU, MONROE, PERRY, PIKE, PUTNAM, RALLS, RANDOLPH, REYNOLDS, ST. FRANCOIS, STE. GENEVIEVE, SCHUYLER, SCOTLAND, SHELBY AND SULLIVAN COUNTIES GROUP 1.....	\$ 27.96	13.17
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GROUP 2.....	\$ 27.96	13.17
BOLLINGER, BUTLER, CAPE		
GIRARDEAU, CARTER,		
CRAWFORD, DENT, DUNKLIN,		
GASCONADE, HOWELL, MARIES,		
MISSISSIPPI, NEW MADRID,		
OREGON, OSAGE, PEMISCOT,		
PHELPS, PULASKI, RIPLEY,		
SCOTT, SHANNON, STODDARD,		
TEXAS, WASHINGTON AND		
WAYNE COUNTIES		
GROUP 1.....	\$ 27.96	13.17
GROUP 2.....	\$ 27.96	13.17
FRANKLIN COUNTY		
GROUP 1.....	\$ 29.71	13.17
GROUP 2.....	\$ 30.31	13.17
JEFFERSON COUNTY		
GROUP 1.....	\$ 29.76	13.17
GROUP 2.....	\$ 30.36	13.17
LINCOLN, MONTGOMERY AND		
WARREN COUNTIES		
GROUP 1.....	\$ 31.18	13.32
GROUP 2.....	\$ 31.18	13.32
ST.CHARLES COUNTY		
GROUP 1.....	\$ 3.18	13.32
GROUP 2.....	\$ 31.18	13.32

LABORERS CLASSIFICATIONS

GROUP 1 - General laborer-flagman, carpenter tenders; salamander Tenders; Dump Man; Ticket Takers; loading trucks under bins, hoppers, and conveyors; track man; cement handler; dump man on earth fill; georgie buggy man; material batch hopper man; spreader on asphalt machine; material mixer man (except on manholes); coffer dams; riprap pavers rock, block or brick; scaffolds over ten feet not self-supported from ground up; skip man on concrete paving; wire mesh setters on concrete paving; all work in connection with sewer, water, gas, gasoling, oil, drainage pipe, conduit pipe, tile and duct lines and all other pipe lines; power tool operator; all work in connection with

hydraulic or general dredging operations; form setters, puddlers (paving only); straw blower nozzle man; asphalt plant platform man; chuck tender; crusher feeder; men handling creosote ties or creosote materials; men working with and handling epoxy material; topper of standing trees; feeder man on wood pulverizers, board and willow mat weavers and cable ties on river work; deck hands; pile dike and revetment work; all laborers working on underground tunnels less than 25 ft. where compressed air is not used; abutment and pier hole men working six (6) ft. or more below ground; men working in coffer dams for bridge piers and footing in the river; barco tamper; jackson or any other similar tamp; cutting torch man; liners, curb, gutters, ditch lines; hot mastic kettlemen; hot tar applicator; hand blade operator; mortar men or brick or block manholes; rubbing concrete, air tool operator under 65 lbs.; caulker and lead man; chain or concrete saw under 15 h.p.; signal Gan; Guard rail and sign erectors.

GROUP 2 - Skilled laborers - Vibrator man; asphalt raker; head pipe layer on sewer work; batterboard man on pipe and ditch work; cliff scalers working from bosun's chairs; scaffolds or platforms on dams or power plants over 10 ft. high; air tool operator over 65 lbs.; stringline man on concrete paving; sandblast man; laser beam man; wagon drill; churn drill; air track drill and all other similar type drills, gunite nozzle man; pressure grout man; screed man on asphalt; concrete saw 15 h.p. and over; grade checker; stringline man on electronic grade control; manhole builder; dynamite man; powder man; welder; tunnel man; waterblaster - 1000 psi or over; asbestos and/or hazardous waste removal and/or disposal

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 LAB00579-005 05/01/2019

Rates                      Fringes

LABORER (ANDREW, ATCHISON,  
 BUCHANAN, CALDWELL, CLINTON,

DAVISS, DEKALB, GENTRY,  
 GRUNDY, HARRISON, HOLT,  
 LIVINGSTON, MERCER, NODAWAY  
 and WORTH COUNTIES.)

GROUP 1.....	\$ 26.66	14.97
GROUP 2.....	\$ 27.01	14.97

LABORER (BARRY, BARTON,  
 BATES, BENTON, CAMDEN,  
 CARROLL, CEDAR, CHRISTIAN,  
 DADE, DALLAS, DOUGLAS,  
 GREENE, HENRY. HICKORY,  
 JASPER, JOHNSON, LACLEDE,  
 LAWRENCE, MCDONALD, MORGAN,  
 NEWTON, OZARK, PETTIS, POLK,  
 ST.CLAIR, SALINE, STONE,  
 TANEY, VERNON, WEBSTER and  
 WRIGHT COUNTIES)

GROUP 1.....	\$ 25.66	14.17
GROUP 2.....	\$ 26.21	14.17

LABORER (LAFAYETTE COUNTY)

GROUP 1.....	\$ 27.21	0.0014.42
GROUP 2.....	\$ 27.56	0.0014.42

LABORERS CLASSIFICATIONS

GROUP 1: General Laborers - Carpenter tenders; salamander tenders; loading trucks under bins; hoppers & conveyors; track men & all other general laborers; air tool operator; cement handler-bulk or sack; dump man on earth fill; georgie buggy man; material batch hopper man; material mixer man (except on manholes); coffer dams; riprap pavers - rock, block or brick; signal man; scaffolds over ten feet not self-supported from ground up; skipman on concrete paving; wire mesh setters on concrete paving; all work in connection with sewer, water, gas, gasoline, oil drainage pipe, conduit pipe, tile and duct lines and all other pipe lines; power tool operator, all work in connection with hydraulic or general dredging operations; puddlers (paving only); straw blower nozzleman; asphalt plant platform man; chuck tender; crusher feeder; men handling creosote ties or creosote materials; men working with and handling epoxy

material or materials (where special protection is required); rubbing concrete; topper of standing trees; batter board man on pipe and ditch work; feeder man on wood pulverizers; board and willow mat weavers and cable tiers on river work; deck hands; pile dike and revetment work; all laborers working on underground tunnels less than 25 feet where compressed air is not used; abutment and pier hole men working six (6) feet or more below ground; men working in coffer dams for bridge piers and footings in the river; ditchliners; pressure groutmen; caulker; chain or concrete saw; cliffscalers working from scaffolds, bosuns' chairs or platforms on dams or power plants over (10) feet above ground; mortarmen on brick or block manholes; toxic and hazardous waste work.

GROUP 2: Skilled Laborers - Head pipe layer on sewer work; laser beam man; Jackson or any other similar tamp; cutting torch man; form setters; liners and stringline men on concrete paving, curb, gutters; hot mastic kettleman; hot tar applicator; sandblasting and gunite nozzlemen; air tool operator in tunnels; screed man on asphalt machine; asphalt raker; barco tamper; churn drills; air track drills and all similar drills; vibrator man; stringline man for electronic grade control; manhole builders-brick or block; dynamite and powder men; grade checker.

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LABO0663-002 04/01/2019

CASS, CLAY, JACKSON, PLATTE AND RAY COUNTIES

	Rates	Fringes
LABORER		
GROUP 1.....	\$ 30.73	15.98
GROUP 2.....	\$ 31.94	15.98

LABORERS CLASSIFICATIONS

GROUP 1: General laborers, Carpenter tenders, salamander tenders, loading trucks under bins, hoppers and conveyors,

track men and all other general laborers, air tool operator, cement handler (bulk or sack), chain or concrete saw, deck hands, dump man on earth fill, Georgie Buggies man, material batch hopper man, scale man, material mixer man (except on manholes), coffer dams, abutments and pier hole men working below ground, riprap pavers rock, black or brick, signal man, scaffolds over ten feet not self-supported from ground up, skipman on concrete paving, wire mesh setters on concrete paving, all work in connection with sewer, water, gas, gasoling, oil, drainage pipe, conduit pipe, tile and duct lines and all other pipelines, power tool operator, all work in connection with hydraulic or general dredging operations, straw blower nozzle man, asphalt plant platform man, chuck tender, crusher feeder, men handling creosote ties on creosote materials, men working with and handling epoxy material or materials (where special protection is required), topper of standing trees, batter board man on pipe and ditch work, feeder man on wood pulverizers, board and willow mat weavers and cable tiers on river work, deck hands, pile dike and revetment work, all laborers working on underground tunnels less than 25 feet where compressed air is not used, abutment and pier hole men working six (6) feet or more below ground, men working in coffer dams for bridge piers and footings in the river, ditchliners, pressure groutmen, caulker and chain or concrete saw, cliffscalers working from scaffolds, bosuns' chairs or platforms on dams or power plants over (10) feet above ground, mortarmen on brick or block manholes, signal man.

GROUP 2: Skilled Laborer - spreader or screed man on asphalt machine, asphalt raker, grade checker, vibrator man, concrete saw over 5 hp., laser beam man, barco tamper, jackson or any other similar tamp, wagon driller, churn drills, air track drills and other similar drills, cutting torch man, form setters, liners and stringline men on concrete paving, curb, gutters and etc., hot mastic kettleman, hot tar applicator, hand blade operators, mortar men on brick or block manholes, sand blasting and gunnite nozzle men, rubbing concrete, air tool operator in tunnels, head pipe layer on sewer work, manhole builder (brick or



block), dynamite and powder men.

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PAIN0002-002 09/01/2007

CLARK, FRANKLIN, JEFFERSON, LEWIS, LINCOLN, MARION, PIKE,  
RALLS, ST. CHARLES, ST. LOUIS (CITY & COUNTY), AND WARREN  
COUNTIES

Rates Fringes

Painters:

Brush and Roller; Taper.....	\$ 28.61	10.24
High work over 60 feet.....	\$ 29.11	10.24
Lead Abatement.....	\$ 29.36	10.24
Pressure Roller; High work under 60 ft.....	\$ 28.86	10.24
Spray & Abrasive Blasting; Water Blasting (Over 5000 PSI).....	\$ 30.61	10.24
Taper (Ames Tools & Bazooka).....	\$ 30.21	10.24

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PAIN0002-006 04/01/2018

ADAIR, AUDRAIN, BOONE, CALLAWAY, CHARITON, COLE, GASCONADE,  
HOWARD, KNOX, LINN, MACON, MONROE, MONTGOMERY, OSAGE, PUTNAM,  
RANDOLPH, SCHUYLER, SCOTLAND, SHELBY AND SULLIVAN COUNTIES and  
the City of Booneville.

Rates Fringes

Painters:

Bridges, Dams, Locks or Powerhouses.....	\$ 25.93	12.79
Brush and Roll; Taping, Paperhanging.....	\$ 23.93	12.79
Epoxy or Any Two Part Coating; Sandblasting;		

Stage or other Aerial Work		
- Platforms over 50 feet		
high; Lead Abatement.....	\$ 24.93	12.79
Spray; Structural Steel		
(over 50 feet).....	\$ 24.93	12.79
Tapers using Ames or		
Comparable Tools.....	\$ 24.68	12.79

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PAIN003-004 04/01/2017

CASS, CLAY, CLINTON, JACKSON, JOHNSON, LAFAYETTE, PLATTE & RAY  
COUNTIES

Rates Fringes

Painters:

Bridgeman; Lead Abatement;		
Sandblast; Storage Bin &		
Tanks.....	\$ 31.96	16.96
Brush & Roller.....	\$ 29.34	16.96
Drywall.....	\$ 30.34	16.96
Paper Hanger.....	\$ 29.84	16.96
Stageman; Beltman;		
Steelman; Elevator Shaft;		
Bazooka, Boxes and Power		
Sander; Sprayman; Dipping...	\$ 30.96	16.96
Steeplejack.....	\$ 35.53	16.96

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PAIN003-011 04/01/2011

BATES, BENTON, CALDWELL, CARROLL, COOPER, DAVIESS, GRUNDY,  
HARRISON, HENRY, LIVINGSTON, MERCER, MONITEAU, MORGAN, PETTIS &  
SALINE COUNTIES

Rates Fringes

Painters:

Bridgeman; Lead Abatement;		
Sandblast; Storage Bin &		

Tanks.....	\$ 24.06	14.04
Brush & Roller.....	\$ 22.67	14.04
Drywall.....	\$ 22.84	14.04
Paper Hanger.....	\$ 23.07	14.04
Stageman; Beltman;		
Steelman; Elevator Shaft;		
Bazooka, Boxes and Power		
Sander; Sprayman; Dipping...	\$ 23.56	14.04
Steeplejack.....	\$ 26.82	14.04

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PAIN0203-001 04/01/2012

BARRY, BARTON, CEDAR, CHRISTIAN, DADE, DALLAS, DOUGLAS, GREENE,  
HICKORY, HOWELL, JASPER, LAWRENCE, MCDONALD, NEWTON, OZARK,  
POLK, ST. CLAIR, STONE, TANEY, VERNON, WEBSTER, and WRIGHT  
COUNTIES

Rates Fringes

Painters:

Finisher.....	\$ 20.18	11.33
Painter.....	\$ 19.75	11.76
Sandblaster, High Man,		
Spray Man, Vinyl Hanger,		
Tool Operator.....	\$ 21.18	11.33

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PAIN1265-003 07/01/2013

CAMDEN, CRAWFORD, DENT, LACLEDE, MARIES, MILLER, PHELPS,  
PULASKI AND TEXAS COUNTIES

Rates Fringes

Painters:

Brush and Roller.....	\$ 25.64	13.27
Floor Work.....	\$ 26.14	13.27
Lead Abatement.....	\$ 27.89	13.27
Spray.....	\$ 27.14	13.27
Structural Steel,		

Sandblasting and All Tank

Work.....	\$ 26.89	13.27
Taping, Paperhanging.....	\$ 26.64	13.27

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PAIN1292-002 09/01/2016

BOLLINGER, BUTLER, CAPE GIRARDEAU, CARTER, DUNKLIN,  
MISSISSIPPI, NEW MADRID, OREGON, PEMISCOT, PERRY, REYNOLDS,  
RIPLEY, SCOTT, SHANNON, STODDARD and WAYNE COUNTIES

Rates Fringes

Painters:

Bridges, Stacks & Tanks.....	\$ 30.85	11.64
Brush & Roller.....	\$ 25.35	11.64
Spray & Abrasive Blasting; Waterblasting (over 5000 PSI).....	\$ 28.95	11.64

Height Rates (All Areas):

Over 60 ft. \$0.50 per hour.  
Under 60 ft. \$0.25 per hour.

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PAIN1292-003 09/01/2017

IRON, MADISON, ST. FRANCOIS, STE. GENEVIEVE and WASHINGTON  
COUNTIES

Rates Fringes

Painters:

Bridges, Stacks & Tanks.....	\$ 31.05	12.74
Brush & Roller.....	\$ 25.70	12.74
Spray & Abrasive Blasting; Waterblasting (Over 5000 PSI).....	\$ 28.70	12.74

Height Rates (All Areas):

Over 60 ft. \$0.50 per hour  
Under 60 ft. \$0.25 per hour.

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PAIN2012-001 04/01/2019

ANDREW, ATCHISON, BUCHANAN, DE KALB, GENTRY, HOLT, NODAWAY &  
WORTH COUNTIES

	Rates	Fringes
Painters:		
Brush & Roller.....	\$ 31.26	17.26
Sandblaster.....	\$ 32.76	17.26
Steeplejack.....	\$ 36.33	17.26

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PLAS0518-006 03/01/2019

BARRY, BARTON, CEDAR, CHRISTIAN, DADE, DALLAS, DOUGLAS, GREENE,  
HICKORY, JASPER, LACLEDE, LAWRENCE, MCDONALD, NEWTON, OZARK,  
POLK, ST. CLAIR, STONE, TANEY, VERNON, WEBSTER, AND WRIGHT  
COUNTIES

	Rates	Fringes
CEMENT MASON/CONCRETE FINISHER...	\$ 24.30	11.61

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PLAS0518-007 04/01/2019

CASS (Richards-Gebaur AFB only), CLAY, JACKSON, PLATTE AND RAY  
COUNTIES

	Rates	Fringes
Cement Masons:.....	\$ 32.32	17.89

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PLAS0518-011 04/01/2019

ANDREW, ATCHISON, BATES, BUCHANNAN, CLINTON, DEKALB, GENTRY,  
HENRY, HOLT, JOHNSON, LAFAYETTE, NODAWAY & WORTH COUNTIES

Rates Fringes

CEMENT MASON/CONCRETE FINISHER...\$ 32.00 20.13

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PLAS0527-001 04/01/2018

Rates Fringes

CEMENT MASON

FRANKLIN, LINCOLN AND

WARREN COUNTIES.....\$ 30.74 18.07

JEFFERSON, ST. CHARLES

COUNTIES AND ST. LOUIS

(City and County).....\$ 32.66 18.62

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PLAS0527-004 06/01/2017

CRAWFORD, DENT, IRON, MADISON, MARION, PHELPS, PIKE, PULASKI,  
RALLS, REYNOLDS, ST. FRANCOIS, STE. GENEVIEVE, SHANNON, TEXAS,  
WASHINGTON COUNTIES

Rates Fringes

CEMENT MASON.....\$ 28.10 18.07

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PLAS0908-001 05/01/2017

BOLLINGER, BUTLER, CAPE GIRARDEAU, CARTER, DUNKLIN, HOWELL,  
MISSISSIPPI, NEW MADRID, OREGON, PEMISCOT, PERRY, RIPLEY,  
SCOTT, STODDARD, AND WAYNE COUNTIES

Rates Fringes

CEMENT MASON.....\$ 27.60 15.73

PLAS0908-005 05/01/2017

BENTON, CALDWELL, CALLAWAY, CAMDEN, CARROLL, COLE, DAVIESS,  
GASCONADE, GRUNDY, HARRISON, LIVINGSTON, MACON, MARIES, MERCER,  
MILLER, MONTGOMERY, MORGAN, OSAGE, PETTIS & SALINE COUNTIES

	Rates	Fringes
CEMENT MASON.....	\$ 27.60	15.73

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PLUM0008-003 06/01/2018

CASS, CLAY, JACKSON, JOHNSON, AND PLATTE COUNTIES

	Rates	Fringes
Plumbers.....	\$ 45.34	21.39

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PLUM0008-017 06/01/2018

BATES, BENTON, CARROLL, HENRY, LAFAYETTE, MORGAN, PETTIS, RAY,  
ST. CLAIR, SALINE AND VERNON COUNTIES

	Rates	Fringes
Plumbers.....	\$ 45.34	21.39

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PLUM0045-003 08/01/2019

ANDREW, ATCHISON, BUCHANAN, CALDWELL, CLINTON, DAVIESS, DEKALB,  
GENTRY, HARRISON, HOLT, NODAWAY AND WORTH COUNTIES

	Rates	Fringes
Plumbers and Pipefitters.....	\$ 37.75	23.65

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PLUM0178-003 11/01/2018

BARRY, CEDAR, CHRISTIAN, DADE, DALLAS, DOUGLAS, GREENE,  
HICKORY, LACLEDE, LAWRENCE, POLK, STONE, TANEY, WEBSTER AND  
WRIGHT COUNTIES

	Rates	Fringes
Plumbers and Pipefitters.....	\$ 30.90	15.35
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PLUM0178-006 11/01/2018		

BARTON, JASPER, MCDONALD AND NEWTON COUNTIES

	Rates	Fringes
Plumbers and Pipefitters		
Projects \$750,000 & under...	\$ 27.93	15.35
Projects over \$750,000.....	\$ 30.90	15.35
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PLUM0533-004 06/01/2019		

BATES, BENTON, CARROLL, CASS, CLAY, HENRY, HICKORY, JACKSON,  
JOHNSON, LAFAYETTE, MORGAN, PETTIS, PLATTE, RAY, SALINE, ST.  
CLAIR AND VERNON COUNTIES

	Rates	Fringes
Pipefitters.....	\$ 46.68	22.55
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PLUM0562-004 07/01/2019		

ADAIR, AUDRAIN, BOLLINGER, BOONE, BUTLER, CALLAWAY,CAMDEN, CAPE  
GIRARDEAU,CARTER, CHARITON, CLARK, COLE, COOPER, CRAWFORD,  
DENT, DUNKLIN, FRANKLIN, GASCONADE, GRUNDY, HOWARD, HOWELL,  
IRON, JEFFERSON, KNOX, LEWIS, LINCOLN, LINN, LIVINGSTON, MACON,  
MADISON, MARIES, MARION, MERCER, MILLER, MISSISSIPPI, MONITEAU,  
MONROE, MONTGOMERY, NEW MADRID, OREGON, OSAGE, PEMISCOTT,  
PERRY, PHELPS, PIKE, PULASKI, PUTNAM, RALLS, RANDOLPH,  
REYNOLDS, RIPLEY, ST. CHARLES, ST.FRANCOIS, STE. GENEVIEVE, ST.  
LOUIS, SCHUYLER, SCOTLAND, SCOTT, SHANNON, SHELBY, STODDARD,



SULLIVAN, TEXAS, WARREN, WASHINGTON, AND WAYNE COUNTIES.

Rates Fringes

Plumbers and Pipefitters

Mechanical Contracts

including all piping and temperature control work

\$7.0 million & under.....\$ 40.41 21.49

Mechanical Contracts

including all piping and temperature control work

over \$7.0 million.....\$ 41.85 27.85

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PLUM0562-016 07/01/2019

CAMDEN, COLE, CRAWFORD, FRANKLIN, JEFFERSON, MARIES, MILLER, MONITEAU, OSAGE, PHELPS, PULASKI, ST. CHARLES, ST. LOUIS (City and County), WARREN and WASHINGTON COUNTIES

Rates Fringes

Plumbers

Mechanical Contracts

including all piping and temperature control work

\$7.0 million & under.....\$ 40.41 21.49

Mechanical Contracts

including all piping and temperature control work

over \$7.0 million.....\$ 41.85 27.85

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TEAM0013-001 05/01/2019

Rates Fringes

Truck drivers (ADAIR, BUTLER, CLARK, DUNKIN, HOWELL, KNOX, LEWIS, OREGON, PUTNAM,

## RIPLEY, SCHUYLER AND SCOTLAND

## COUNTIES)

GROUP 1.....	\$ 30.34	13.75
GROUP 2.....	\$ 30.49	13.75
GROUP 3.....	\$ 30.61	13.75
GROUP 4.....	\$ 30.50	13.75

Truck drivers (AUDRAIN,  
 BOLLINGER, BOONE, CALLAWAY,  
 CAPE GIRARDEAU, CARTER, COLE,  
 CRAWFORD, DENT, GASCONADE,  
 IRON, MACON, MADISON, MARIES,  
 MARION, MILLER, MISSISSIPPI,  
 MONROE, MONTGOMERY, NEW  
 MADRID, OSAGE, PEMISCOT,  
 PERRY, PHELPS, PIKE, PULASKI,  
 RALLS, REYNOLDS, ST.  
 FRANCOIS, STE. GENEVIEVE,  
 SCOTT, SHANNON, SHELBY,  
 STODDARD, TEXAS, WASHINGTON

## AND WAYNE COUNTIES)

GROUP 1.....	\$ 31.07	13.75
GROUP 2.....	\$ 31.22	13.75
GROUP 3.....	\$ 31.34	13.75
GROUP 4.....	\$ 31.23	13.75

Truck drivers (FRANKLIN,  
 JEFFERSON and ST. CHARLES  
 COUNTIES)

GROUP 1.....	\$ 33.43	13.75
GROUP 2.....	\$ 33.58	13.75
GROUP 3.....	\$ 33.65	13.75
GROUP 4.....	\$ 33.54	13.75

Truck drivers (LINCOLN and  
 WARREN COUNTIES)

GROUP 1.....	\$ 32.08	13.75
GROUP 2.....	\$ 33.23	13.75
GROUP 3.....	\$ 32.30	13.75
GROUP 4.....	\$ 32.19	13.75

## TRUCK DRIVERS CLASSIFICATIONS:

GROUP 1: Flat Bed Trucks, Single Axle; Station Wagons;

Pickup Trucks; Material Trucks, Single Axle; Tank Wagon,  
Single Axle

GROUP 2: Agitator and Transit Mix Trucks

GROUP 3: Flat Bed Trucks, Tandem Axle; Articulated Dump  
Trucks; Material Trucks, Tandem Axle; Tank Wagon, Tandem  
Axle

GROUP 4: Semi and/or Pole Trailers; Winch, Fork & Steel  
Trucks; Distributor Drivers and Operators; Tank Wagon,  
Semi-Trailer; Insley Wagons, Dumpsters, Half-Tracks,  
Speedace, Euclids and other similar equipment; A-Frame and  
Derrick Trucks; Float or Low Boy

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TEAM0056-001 05/01/2019

Rates Fringes

Truck drivers (ANDREW,  
BARTON, BATES, BENTON,  
CALDWELL, CAMDEN, CARROLL,  
CEDAR, CHARITON, CHRISTIAN,  
CLINTON, COOPER, DADE,  
DALLAS, DAVIESS, DEKALB,  
DOUGLAS, GREENE, HENRY,  
HICKORY, HOWARD, JASPER,  
LACLEDE, LAWRENCE, LINN,  
LIVINGSTON, MONITEAU, MORGAN,  
NEWTON, PETTIS, POLK,  
RANDOLPH, ST. CLAIR, SALINE,  
VERNON, WEBSTER AND WRIGHT  
COUNTIES)

GROUP 1.....	\$ 30.77	13.75
GROUP 2.....	\$ 30.92	13.75
GROUP 3.....	\$ 31.04	13.75
GROUP 4.....	\$ 30.93	13.75

Truck drivers: (ATCHISON,  
BARRY, GENTRY, GRUNDY,  
HARRISON, HOLT, MCDONALD,

MERCER, NODAWAY, OZARK,  
STONE, SULLIVAN, TANEY AND  
WORTH COUNTIES)

GROUP 1.....	\$ 30.04	13.75
GROUP 2.....	\$ 30.19	13.75
GROUP 3.....	\$ 30.31	13.75
GROUP 4.....	\$ 30.20	13.75

Truck drivers; (BUCHANAN,  
JOHNSON AND LAFAYETTE  
COUNTIES)

GROUP 1.....	\$ 31.98	13.75
GROUP 2.....	\$ 32.13	13.75
GROUP 3.....	\$ 32.20	13.75
GROUP 4.....	\$ 32.09	13.75

TRUCK DRIVER CLASSIFICATIONS

GROUP 1: Flat bed trucks single axle; station wagons; pickup  
trucks; material trucks single axle; tank wagons single  
axle.

GROUP 2: Agitator and transit mix-trucks.

GROUP 3: Flat bed trucks tandem axle; articulated dump  
trucks; material trucks tandem axle; tank wagons tandem  
axle.

GROUP 4: Semi and/or pole trailers; winch, fork & steel  
trucks; distributor drivers & operators; tank wagons semi-  
trailer; insley wagons, dumpsters, half-tracks, speedace,  
euclids & other similar equipment; A-frames and derrick  
trucks; float or low boy.

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TEAM0245-001 03/26/2012

BARRY, BARTON, CAMDEN, CEDAR, CHRISTIAN, DALLAS, DENT, DOUGLAS,  
GREENE, HICKORY, HOWELL, JASPER, LACLEDE, LAWRENCE, MCDONALD,  
MILLER, NEWTON, OZARK, PHELPS, POLK, PULASKI, SHANNON, STONE,  
TANEY, TEXAS, VERNON, WEBSTER AND WRIGHT COUNTIES

Rates Fringes

Truck drivers:

Traffic Control Service

Driver.....\$ 20.45 0.00

PAID HOLIDAYS: New Year's Day, Decoration Day, July 4th, Labor Day, Thanksgiving Day, Christmas Day, employee's birthday and 2 personal days.

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TEAM0541-001 04/01/2019

CASS, CLAY, JACKSON, PLATTE AND RAY COUNTIES

Rates Fringes

Truck drivers:

GROUP 1.....\$ 33.01 15.75

GROUP 2.....\$ 32.44 15.75

GROUP 3.....\$ 31.92 15.75

TRUCK DRIVERS CLASSIFICATIONS

GROUP 1: Mechanics and Welders, Field; A-Frame Low Boy-Boomeruck Driver.

GROUP 2: Articulated Dump Truck; Insley Wagons: Dump Trucks, Excavating, 5 cu yds and over; Dumpsters; Half-Tracks: Speedace: Euclids & similar excavating equipment Material trucks, Tandem Two teams; Semi-Trailers; Winch trucks-Fork trucks; Distributor Drivers and Operators; Agitator and Transit Mix; Tank Wagon Drivers, Tandem or Semi; One Team; Station Wagons; Pickup Trucks; Material Trucks, Single Axle; Tank Wagon Drivers, Single Axle

GROUP 3: Oilers and Greasers - Field

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TEAM0682-002 05/01/2017

ST LOUIS CITY AND COUNTY

Rates Fringes

Truck drivers:

GROUP 1.....	\$ 33.30	13.79+a+b+c+d
GROUP 2.....	\$ 33.50	13.79+a+b+c+d
GROUP 3.....	\$ 33.60	13.79+a+b+c+d

a. PENSION: 5/1/2012 - \$182.20 per week.

b. HAZMAT PREMIUM: If Hazmat certification on a job site is required by a state or federal agency or requested by project owner or by the employer, employees on that job site shall receive \$1.50 premium pay.

TRUCK DRIVERS CLASSIFICATIONS

GROUP 1 - Pick-up trucks; forklift, single axle; flatbed trucks; job site ambulance, and trucks or trailers of a water level capacity of 11.99 cu. yds. or less

GROUP 2 - Trucks or trailers of a water level capacity of 12.0 cu yds. up to 22.0 cu yds. including euclids, speedace and similar equipment of same capacity and compressors

GROUP 3 - Trucks or trailers of a water level capacity of 22.0 cu. yds & over including euclids, speedace & all floats, flatbed trailers, boom trucks, winch trucks, including small trailers, farm wagons tilt-top trailers, field offices, tool trailers, concrete pumps, concrete conveyors & gasoline tank trailers and truck mounted mobile concrete mixers

FOOTNOTE FOR TRUCK DRIVERS:

c. PAID HOLIDAYS: Christmas Day, Independence Day, Labor Day, Memorial Day, Veterans Day, New Years Day, Thanksgiving Day

d. PAID VACATION: 3 days paid vacation for 600 hours of service in any one contract year; 4 days paid vacation for 800 hours of service in any one contract year; 5 days paid vacation for 1,000 hours of service in any one contract year. When such an employee has completed 3 years of continuous employment with the same employer and then works the above required number of hours, he shall receive double the number of days of vacation specified above. When such an employee has completed 10 years of continuous employment with the same employer and then works the above required number of hours, he shall receive triple the number of days of vacation specified above. When such an employee has completed 15 years of continuous employment with the same employer and then works the above required number of hours, he shall receive 4 times the number of days of vacation specified above.

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WELDERS - Receive rate prescribed for craft performing operation to which welding is incidental.

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Note: Executive Order (EO) 13706, Establishing Paid Sick Leave for Federal Contractors applies to all contracts subject to the Davis-Bacon Act for which the contract is awarded (and any solicitation was issued) on or after January 1, 2017. If this contract is covered by the EO, the contractor must provide employees with 1 hour of paid sick leave for every 30 hours they work, up to 56 hours of paid sick leave each year. Employees must be permitted to use paid sick leave for their own illness, injury or other health-related needs, including preventive care; to assist a family member (or person who is like family to the employee) who is ill, injured, or has other health-related needs, including preventive care; or for reasons resulting from, or to assist a family member (or person who is like family to the employee) who is a victim of, domestic violence, sexual assault, or stalking. Additional information on contractor requirements and worker protections under the EO is available at [www.dol.gov/whd/govcontracts](http://www.dol.gov/whd/govcontracts).

Unlisted classifications needed for work not included within the scope of the classifications listed may be added after award only as provided in the labor standards contract clauses (29CFR 5.5 (a) (1) (ii)).

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The body of each wage determination lists the classification and wage rates that have been found to be prevailing for the cited type(s) of construction in the area covered by the wage determination. The classifications are listed in alphabetical order of ""identifiers"" that indicate whether the particular rate is a union rate (current union negotiated rate for local), a survey rate (weighted average rate) or a union average rate (weighted union average rate).

#### Union Rate Identifiers

A four letter classification abbreviation identifier enclosed in dotted lines beginning with characters other than ""SU"" or ""UAVG"" denotes that the union classification and rate were prevailing for that classification in the survey. Example: PLUM0198-005 07/01/2014. PLUM is an abbreviation identifier of the union which prevailed in the survey for this classification, which in this example would be Plumbers. 0198 indicates the local union number or district council number where applicable, i.e., Plumbers Local 0198. The next number, 005 in the example, is an internal number used in processing the wage determination. 07/01/2014 is the effective date of the most current negotiated rate, which in this example is July 1, 2014.

Union prevailing wage rates are updated to reflect all rate changes in the collective bargaining agreement (CBA) governing this classification and rate.

#### Survey Rate Identifiers



Classifications listed under the "SU" identifier indicate that no one rate prevailed for this classification in the survey and the published rate is derived by computing a weighted average rate based on all the rates reported in the survey for that classification. As this weighted average rate includes all rates reported in the survey, it may include both union and non-union rates. Example: SULA2012-007 5/13/2014. SU indicates the rates are survey rates based on a weighted average calculation of rates and are not majority rates. LA indicates the State of Louisiana. 2012 is the year of survey on which these classifications and rates are based. The next number, 007 in the example, is an internal number used in producing the wage determination. 5/13/2014 indicates the survey completion date for the classifications and rates under that identifier.

Survey wage rates are not updated and remain in effect until a new survey is conducted.

#### Union Average Rate Identifiers

Classification(s) listed under the UAVG identifier indicate that no single majority rate prevailed for those classifications; however, 100% of the data reported for the classifications was union data. EXAMPLE: UAVG-OH-0010 08/29/2014. UAVG indicates that the rate is a weighted union average rate. OH indicates the state. The next number, 0010 in the example, is an internal number used in producing the wage determination. 08/29/2014 indicates the survey completion date for the classifications and rates under that identifier.

A UAVG rate will be updated once a year, usually in January of each year, to reflect a weighted average of the current negotiated/CBA rate of the union locals from which the rate is based.

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WAGE DETERMINATION APPEALS PROCESS

1.) Has there been an initial decision in the matter? This can be:

- \* an existing published wage determination
- \* a survey underlying a wage determination
- \* a Wage and Hour Division letter setting forth a position on a wage determination matter
- \* a conformance (additional classification and rate) ruling

On survey related matters, initial contact, including requests for summaries of surveys, should be with the Wage and Hour Regional Office for the area in which the survey was conducted because those Regional Offices have responsibility for the Davis-Bacon survey program. If the response from this initial contact is not satisfactory, then the process described in 2.) and 3.) should be followed.

With regard to any other matter not yet ripe for the formal process described here, initial contact should be with the Branch of Construction Wage Determinations. Write to:

Branch of Construction Wage Determinations  
Wage and Hour Division  
U.S. Department of Labor  
200 Constitution Avenue, N.W.  
Washington, DC 20210

2.) If the answer to the question in 1.) is yes, then an interested party (those affected by the action) can request review and reconsideration from the Wage and Hour Administrator (See 29 CFR Part 1.8 and 29 CFR Part 7). Write to:

Wage and Hour Administrator  
U.S. Department of Labor  
200 Constitution Avenue, N.W.  
Washington, DC 20210

The request should be accompanied by a full statement of the interested party's position and by any information (wage payment data, project description, area practice material, etc.) that the requestor considers relevant to the issue.

3.) If the decision of the Administrator is not favorable, an interested party may appeal directly to the Administrative Review Board (formerly the Wage Appeals Board). Write to:

Administrative Review Board  
U.S. Department of Labor  
200 Constitution Avenue, N.W.  
Washington, DC 20210

4.) All decisions by the Administrative Review Board are final.

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END OF GENERAL DECISION

"

**BID PROPOSAL SUMMARY**

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Bidder Name: \_\_\_\_\_

SCHEDULE I TOTAL \$ \_\_\_\_\_

SCHEDULE II TOTAL \$ \_\_\_\_\_

**ALTERNATE NO. 1 TOTAL** \$ \_\_\_\_\_

**ALTERNATE NO. 2 TOTAL** \$ \_\_\_\_\_

SCHEDULE III TOTAL \$ \_\_\_\_\_

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**TOTAL SCHEDULES I, II, III AND ALTERNATE NO. 1** \$ \_\_\_\_\_

**TOTAL SCHEDULES I, II, III AND ALTERNATE NO. 2** \$ \_\_\_\_\_

Bidder has examined the proposed site and is familiar with all site conditions.

\_\_\_\_\_  
Signature

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SCHEDULE I						
Item No.	Description		Units	Estimated Quantity	Unit Price	Total
C-105a	Mobilization	at the unit price of: _____ dollars and _____ cents.	LS	1	\$	\$
C-102a	Erosion Control Log	at the unit price of: _____ dollars and _____ cents.	LF	850	\$	\$
C-102b	Ditch Check	at the unit price of: _____ dollars and _____ cents.	EA	5	\$	\$
C-102c	Culvert Protection	at the unit price of: _____ dollars and _____ cents.	EA	1	\$	\$
P-101b	Asphalt Pavement Removal - Butt Joint	at the unit price of: _____ dollars and _____ cents.	SY	80	\$	\$
P-101c	Removal of Structures/Foundations	at the unit price of: _____ dollars and _____ cents.	LS	1	\$	\$
P-151a	Clearing and Grubbing	at the unit price of: _____ dollars and _____ cents.	AC	4.5	\$	\$
P-152a	Embankment In-Place	at the unit price of: _____ dollars and _____ cents.	CY	12,465	\$	\$
P-152b	Embankment In-Place from Off-site	at the unit price of: _____ dollars and _____ cents.	CY	2,035	\$	\$
MO-209a	Crushed Aggregate Base Course	at the unit price of: _____ dollars and _____ cents.	SY	1,550	\$	\$
MO-401Fa	Bituminous Asphalt Pavement	at the unit price of: _____ dollars and _____ cents.	TON	630	\$	\$
P-603a	Emulsified Asphalt Tack Coat	at the unit price of: _____ dollars and _____ cents.	GAL	430	\$	\$
MO-609a	Type 4 Rock Ditch Liner	at the unit price of: _____ dollars and _____ cents.	CY	65	\$	\$
D-701a	24 inch Reinforced Concrete Pipe	at the unit price of: _____ dollars and _____ cents.	LF	100	\$	\$
T-901a	Seeding with Hydromulch	at the unit price of: _____ dollars and _____ cents.	AC	4.5	\$	\$
MO-903a	Stop Sign, 36 in. (R1-1)	at the unit price of: _____ dollars and _____ cents.	EA	1	\$	\$
MO-903b	12 GA. Perforated Square Steel Tube Post, 2.5 in., with 7 GA. Post Anchor and Concrete Footing (for stop sign)	at the unit price of: _____ dollars and _____ cents.	EA	1	\$	\$
MO-903d	Relocate Existing Airport Sign Assembly on two wooden Breakaway Posts	at the unit price of: _____ dollars and _____ cents.	LS	1	\$	\$

**SCHEDULE I TOTAL \$ \_\_\_\_\_**

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<b>SCHEDULE II</b>						
Item No.	Description		Units	Estimated Quantity	Unit Price	Total
C-105a	Mobilization	at the unit price of: _____ dollars and _____ cents.	LS	1	\$	\$
P-151a	Clearing and Grubbing	at the unit price of: _____ dollars and _____ cents.	AC	11.3	\$	\$
T-901a	Seeding with Hydromulch	at the unit price of: _____ dollars and _____ cents.	AC	11	\$	\$

**SCHEDULE II TOTAL \$** \_\_\_\_\_

<b>ALTERNATE NO. 1</b>						
P-151b	Tree Topping (Zone 1 and 2)	at the unit price of: _____ dollars and _____ cents.	AC	6	\$	\$
P-151c	Tree Topping (Zone 3 and 4)	at the unit price of: _____ dollars and _____ cents.	AC	4.0	\$	\$
P-151d	Tree Topping (Zone 5)	at the unit price of: _____ dollars and _____ cents.	AC	1.3	\$	\$
P-151e	Tree Clearing	at the unit price of: _____ dollars and _____ cents.	AC	0.7	\$	\$

**ALTERNATE NO. 1 TOTAL \$** \_\_\_\_\_

<b>ALTERNATE NO. 2</b>						
P-151e	Tree Clearing	at the unit price of: _____ dollars and _____ cents.	AC	12.0	\$	\$

**ALTERNATE NO. 2 TOTAL** \_\_\_\_\_

**SCHEDULE II + ALTERNATE NO. 1** \_\_\_\_\_

**SCHEDULE II + ALTERNATE NO. 2** \_\_\_\_\_



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**SCHEDULE III**

Item No.	Description		Units	Estimated Quantity	Unit Price	Total
C-105a	Mobilization	at the unit price of: _____ dollars and _____ cents.	LS	1	\$	\$
P-101a	Asphalt Pavement Removal - Full Depth	at the unit price of: _____ dollars and _____ cents.	SY	134	\$	\$
F-160a	Fence, Class B (4-Strand Barb Wire, Wood Posts)	at the unit price of: _____ dollars and _____ cents.	LF	85	\$	\$
T-901a	Seeding with Hydromulch	at the unit price of: _____ dollars and _____ cents.	AC	0.1	\$	\$
MO-903c	Road Closed, 30 in. x 48 in. (R11-2) with fasteners	at the unit price of: _____ dollars and _____ cents.	EA	2	\$	\$

**SCHEDULE III TOTAL \$ \_\_\_\_\_**

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**ACKNOWLEDGEMENTS BY BIDDER**

- a. By submittal of a proposal, the BIDDER acknowledges and accepts that the quantities established by the OWNER are an approximate estimate of the quantities required to fully complete the Project and that the estimated quantities are principally intended to serve as a basis for evaluation of bids. The BIDDER further acknowledges and accepts that payment under this contract will be made only for actual quantities and that quantities will vary in accordance with the General Provisions subsection entitled "Alteration of Work and Quantities".
- b. The BIDDER acknowledges and accepts that the Bid Documents are comprised of the documents identified within the General Provisions. The BIDDER further acknowledges that each the individual documents that comprise the Bid Documents are complementary to one another and together establishes the complete terms, conditions and obligations of the successful BIDDER.
- c. As evidence of good faith in submitting this proposal, the undersigned encloses a bid guaranty in the form of a certified check, cashier's check or bid bond in the amount of 5% of the bid price. The BIDDER acknowledges and accepts that refusal or failure to accept award and execute a contract within the terms and conditions established herein will result in forfeiture of the bid guaranty to the owner as a liquidated damage.
- d. The BIDDER acknowledges and accepts the OWNER'S right to reject any or all bids.
- e. The BIDDER acknowledges and accepts the OWNER'S right to hold all Proposals for purposes of review and evaluation and not issue a notice-of-award for a period not to exceed 60 calendar days from the stated date for receipt of bids.
- f. The undersigned agrees that upon written notice of award of contract, he or she will execute the contract within thirty (30) days of the notice-of-award, and furthermore, and provide executed payment and performance bonds within ~~thirty (30)~~ days from the date of contract execution. The undersigned accepts that failure to execute the contract and provide the required bonds within the stated timeframe shall result in forfeiture of the bid guaranty to the owner as a liquidated damage.
- g. Time of Performance: By submittal of this proposal, the undersigned acknowledges and agrees to commence work within ten (10) calendar days of the date specified in the written "Notice-to-Proceed" as issued by the OWNER. The undersigned further agrees to complete the Project within 142 Calendar days from the commencement date specified in the Notice-to-Proceed.
- h. The undersigned acknowledges and accepts that for each and every Calendar day the project remains incomplete beyond the contract time of performance, the Contractor shall pay the non-penal amount of \$750 per Calendar day as a liquidated damage to the OWNER.
- i. The undersigned prime contractor, if not a MoDOT certified DBE, hereby assures that they will subcontract 10 percent of the dollar value of the prime contract to DBE firms or make good faith efforts to meet the DBE contract goal. In addition, the prime contractor will include the DBE clauses (see Supplementary Provision No. 6 of the Federal and State Provisions) required by the DBE Program adopted by MoDOT and the city in all contracts and subcontracts relating to this project. The undersigned will complete the DBE Participation information included herein, when a DBE goal has been established, including a demonstration of good faith efforts if the DBE goal is not met. If the undersigned prime contractor is a MoDOT certified DBE firm, then the prime contractor must perform at least thirty percent (30%) of the total contract value work with its own forces, and will receive DBE credit for all work which the prime contractor and any other MoDOT certified DBE firm performs directly.

931 **Article 3 – Contract Price**

932 In consideration of the faithful performance and completion of the Work by the CONTRACTOR in  
933 accordance with the Contract Documents, OWNER shall pay the CONTRACTOR an amount equal to:

934  
935 \_\_\_\_\_  
936 (Amount in Written Words) (Amount in Numerals)

937 subject to the following;

- 938  
939
- 940 **a.** Said amount is based on the schedule of prices and estimated quantities stated in  
941 CONTRACTOR’S Bid Proposal, which is attached to and made a part of this Agreement;
  - 942
  - 943 **b.** Said amount is the aggregate sum of the result of the CONTRACTOR’S stated unit prices  
944 multiplied by the associated estimated quantities;
  - 945
  - 946 **c.** CONTRACTOR and OWNER agree that said estimated quantities are not guaranteed and that  
947 the determination of actual quantities is to be made by the OWNER’S ENGINEER;
  - 948
  - 949 **d.** Said amount is subject to modification for additions and deductions as provided for within the  
950 Contract General Provisions.
- 951

952 **Article 4 – Payment**

953 Upon the completion of the work and its acceptance by the OWNER, all sums due the CONTRACTOR by  
954 reason of faithful performance of the work, taking into consideration additions to or deductions from the  
955 Contract price by reason of alterations or modifications of the original Contract or by reason of “Extra Work”  
956 authorized under this Contract, will be paid to the CONTRACTOR by the OWNER after said completion and  
957 acceptance.

958  
959 The acceptance of final payment by the CONTRACTOR shall be considered as a release in full of all claims  
960 against the OWNER, arising out of, or by reason of, the work completed and materials furnished under this  
961 Contract.

962  
963 OWNER shall make progress payments to the CONTRACTOR in accordance with the terms set forth in the  
964 General Provisions. Progress payments shall be based on estimates prepared by the ENGINEER for the value  
965 of work performed and materials completed in place in accordance with the Contract Drawings and  
966 Specifications. Progress payments are subject to retainage requirements as set forth in the General Provisions.

967  
968 **Article 5 – Contract Time**

969 The CONTRACTOR agrees to commence work within ten (10) calendar days of the date specified in the  
970 OWNER’S Notice-to-Proceed. CONTRACTOR further agrees to complete said work within 142 calendar  
971 days of the commencement date stated within the Notice-to-Proceed.

972  
973 It is expressly understood and agreed that the stated Contract Time is reasonable for the completion of the  
974 Work, taking all factors into consideration. Furthermore, extensions of the Contract Time may only be  
975 permitted by execution of a formal modification to this Contract Agreement in accordance with the General  
976 Provisions and as approved by the OWNER.

977  
978 **Article 6 – Liquidated Damages**

979 The CONTRACTOR and OWNER understand and agree that time is of essence for completion of the Work  
980 and that the OWNER will suffer additional expense and financial loss if said Work is not completed within the  
981 authorized Contract Time. Furthermore, the CONTRACTOR and OWNER recognize and understand the  
982 difficulty, delay, and expense in establishing the exact amount of actual financial loss and additional expense.  
983 Accordingly, in place of requiring such proof, the CONTRACTOR expressly agrees to pay the OWNER as  
984 liquidated damages the non-penal sum of \$750 per day for each calendar day required in excess of the authorized

**GENERAL NOTES**

- IF DURING THE CONSTRUCTION PROCESS, CONDITIONS ARE ENCOUNTERED WHICH COULD INDICATE A SITUATION THAT IS NOT IDENTIFIED IN THE PLANS OR SPECIFICATIONS, OR REPRESENT A SIGNIFICANT DIFFERENCE BETWEEN THE CONTRACT DOCUMENTS AND FIELD CONDITIONS, THE CONTRACTOR SHALL CONTACT THE ENGINEER IMMEDIATELY.
- ALL REFERENCES TO ANY PUBLISHED STANDARDS SHALL REFER TO THE LATEST REVISION OF SAID STANDARD, UNLESS SPECIFICALLY STATED OTHERWISE.
- PROJECT PAY ITEMS PROVIDED ARE TO BE INCLUSIVE OF ALL WORK TO BE PERFORMED AS SHOWN. ALL WORK NOT IDENTIFIED WITH A SPECIFIC PAY ITEM SHALL BE CONSIDERED REQUIRED WORK TO COMPLETE THE PROJECT AND IS TO BE INCIDENTAL TO THE COST OF PROJECT PAY ITEMS PROVIDED.
- WHENEVER, IN THE CONTRACT DOCUMENTS, THE WORDS "PROVIDE", "FURNISH", "INSTALL", "FURNISH AND INSTALL", OR SIMILAR WORDS ARE USED, IT SHALL BE UNDERSTOOD THAT THE INTENT OF THE CONTRACT DOCUMENTS IS TO PROVIDE FOR THE CONSTRUCTION AND COMPLETION IN EVERY DETAIL THE WORK DESCRIBED. IT IS FURTHER INTENDED THAT THE CONTRACTOR SHALL FURNISH ALL LABOR, SUPERVISION, MATERIALS, EQUIPMENT, TOOLS, TRANSPORTATION, SUPPLIES, TESTING, AND INCIDENTALS REQUIRED TO COMPLETE THE WORK IN ACCORDANCE WITH THE DRAWINGS (PLANS), SPECIFICATIONS, AND TERMS OF THE CONTRACT.
- CONTRACTOR SHALL KEEP A SET OF AS-BUILT DRAWINGS ON-SITE AND MAKE AVAILABLE TO THE ENGINEER AT ALL TIMES. AS-BUILT SET SHALL BE SUBMITTED TO THE ENGINEER AT THE COMPLETION OF THE JOB. CONTRACTOR SHALL BE RESPONSIBLE FOR RECORDING ALL AS-BUILT INFORMATION DURING THE PROJECT. THE CONTRACTOR SHALL NOTE, AND BRING TO THE ENGINEER'S ATTENTION, ANY DISCREPANCIES BETWEEN THE CONTRACT DOCUMENTS AND ACTUAL FIELD CONDITIONS.
- ALL DAMAGE TO UTILITIES, PAVEMENT, EQUIPMENT, OR STRUCTURES FROM CONSTRUCTION ACTIVITIES SHALL BE IMMEDIATELY REPORTED TO THE RESIDENT ENGINEER. THE RESIDENT ENGINEER SHALL DETERMINE WHETHER REPAIR OR REPLACEMENT IS NECESSARY. ALL REPAIR METHODS SHALL BE SUBMITTED TO THE RESIDENT ENGINEER FOR REVIEW AND APPROVAL PRIOR TO INITIATING THE WORK. REPAIRS SHALL BE MADE AT NO ADDITIONAL COST TO THE SPONSOR AND TO THE APPROVAL OF THE ENGINEER.
- THE CONTRACTOR SHALL PROVIDE WORKMANSHIP AND MATERIALS THAT ARE OF GOOD QUALITY AND COMPLY WITH THE REQUIREMENTS OF THE CONTRACT DOCUMENTS.
- CONTRACTOR SHALL PROVIDE WORK, EQUIPMENT AND MATERIALS THAT COMPLY WITH FAA REQUIREMENTS, NATIONAL ELECTRICAL CODE, NATIONAL ELECTRICAL SAFETY CODE, AND ALL LOCAL CODES.
- CONTRACTOR SHALL PROVIDE THE NECESSARY NUMBER OF RADIOS FOR HIS/HER WORKFORCE.
- SWEEPERS SHALL BE AVAILABLE AT ALL TIMES TO CLEAN FOREIGN OBJECT DEBRIS (FOD) FROM HAUL ROUTE OR OTHER AREAS ADJACENT TO CONSTRUCTION ACTIVITY. CONTRACTOR SHALL CONSTANTLY MONITOR AIRCRAFT MOVEMENT AREAS FOR FOD AND IMMEDIATELY REMOVE ALL DEBRIS.
- PRIOR TO OPENING OR CLOSING PAVEMENTS, THE CONTRACTOR MUST, THROUGH THE AIRPORT, GIVE NOTICE USING THE NOTICE TO AIRMAN (NOTAM) SYSTEM OF PROPOSED LOCATION, TIME AND DATE OF COMMENCEMENT OF CONSTRUCTION AND THE DURATION OF THE CLOSURE.
- THIS PROJECT WILL GENERATE QUANTITIES OF ASPHALT MILLINGS. THE CONTRACTOR SHALL COORDINATE WITH THE SPONSOR AND/OR THE ENGINEER FOR ON-SITE PLACEMENT LOCATION(S). PLACE THE MILLINGS AT AN OFF-SITE LOCATION.**
- DIMENSIONING FOR LAYOUTS AND CONSTRUCTION ARE NOT TO BE SCALED FROM ANY DRAWINGS. IF PERTINENT DIMENSIONS ARE NOT SHOWN, CONTACT THE ENGINEER FOR CLARIFICATION AND RECORD DIMENSIONS ON AS-BUILT DRAWINGS.
- TOPSOIL SHALL BE REMOVED AND STOCKPILED PRIOR TO GRADING OPERATIONS. PAYMENT FOR RE-HANDLING OF TOPSOIL SHALL NOT BE MEASURED FOR PAYMENT.

- ALL WASTE GENERATED FROM CLEARING AND GRUBBING SHALL BE REMOVED OFF SITE AND ALL ASSOCIATED COST SHALL BE INCORPORATED INTO ITEM P-151.

**QUALITY CONTROL/QUALITY ASSURANCE**

- FOURTEEN (14) DAYS PRIOR TO THE BEGINNING OF WORK, THE CONTRACTOR SHALL SUBMIT A QUALITY CONTROL PLAN WHICH INCLUDES A WORK SCHEDULE AND PROPOSED CONSTRUCTION METHODS CONSISTENT WITH THE PHASING PLAN STATED IN THE DESIGN.
- THE CONTRACTOR SHALL HAVE A MINIMUM OF ONE (1) CURRENT COPY OF THE APPROVED PLANS (INCLUDING ANY CHANGE ORDERS, SUPPLEMENTAL AGREEMENTS, FIELD DIRECTIVES, ETC.), ONE (1) CURRENT COPY OF THE APPROPRIATE STANDARDS AND SPECIFICATIONS, AND A COPY OF ANY PERMITS AND EXTENSION AGREEMENTS NEEDED FOR THE JOB, ON SITE AT ALL TIMES.

**PERMITTING**

- PRELIMINARY PERMITTING INFORMATION WILL BE SUBMITTED BY THE ENGINEER PRIOR TO AWARD OF CONTRACT. SPECIFIC ITEMS THAT WILL NEED TO BE COMPLETED BY THE CONTRACTOR INCLUDE BUT ARE NOT LIMITED TO SUPPLYING NECESSARY BONDING, PAYMENT OF ALL FEES, REVIEW OF ALL CALCULATIONS AND ASSUMPTIONS MADE BY THE ENGINEER PRIOR TO AWARD. THE CONTRACTOR IS RESPONSIBLE FOR OBTAINING ALL NECESSARY PERMITS INCLUDING, BUT NOT LIMITED TO, AN FAA 7460-1 NOTICE OF PROPOSED CONSTRUCTION OR ALTERATION, AND A FUGITIVE DUST PERMIT. THE CONTRACTOR SHALL BE RESPONSIBLE TO PAY FOR THE COST TO OBTAIN THESE PERMITS. THE CONTRACTOR WILL BE REQUIRED TO COMPLY WITH A LAND DISTURBANCE PERMIT, A STORM WATER POLLUTION PREVENTION PLAN (SWPPP), AND CORPS OF ENGINEERS PERMIT.
- THE CONTRACTOR SHALL SUBMIT A COPY OF ALL PERMITS REQUIRED FOR THE PROJECT TO THE ENGINEER, FOR HIS REVIEW.

**SITE ACCESS AND STAGING**

- A WATER SOURCE ON AIRPORT PROPERTY IS NOT AVAILABLE.
- DURING CONSTRUCTION, THE CONTRACTOR SHALL MINIMIZE DISTURBANCES TO ALL CONSTRUCTION AREAS AND ACCESS ROUTES. THIS INCLUDES EQUIPMENT AND VEHICULAR RUTS CREATED IN ANY PAVEMENTS, ANY HAUL/ACCESS ROADS, OR ANY INFIELD/SAFETY AREAS. THE CONTRACTOR SHALL BE RESPONSIBLE FOR ANY DAMAGE TO EXISTING FACILITIES OR ROADS. REPAIRS SHALL BE MADE AT NO ADDITIONAL COST TO THE SPONSOR AND TO THE SATISFACTION OF THE ENGINEER. HAUL ROUTE BRIDGES SHALL BE CONSTRUCTED AT HAUL ROUTES CROSSING EXISTING AIRFIELD PAVEMENT. COSTS ASSOCIATED WITH HAUL BRIDGE CONSTRUCTION WILL BE CONSIDERED INCIDENTAL TO MOBILIZATION.
- BEFORE ESTABLISHING SITE ACCESS AND HAUL ROUTES, THE CONTRACTOR SHALL OBTAIN APPROVAL FROM THE ENGINEER OR AIRPORT MANAGER. WHEN POSSIBLE, ACCESS/HAUL ROUTES SHALL UTILIZE EXISTING ROADS. THE CONTRACTOR SHALL MAINTAIN AIRPORT SECURITY AT ALL TIMES.
- ALL DAMAGE TO UTILITIES, PAVEMENT, EQUIPMENT, OR STRUCTURES FROM CONSTRUCTION ACTIVITIES SHALL BE IMMEDIATELY REPORTED TO THE RESIDENT ENGINEER. THE RESIDENT ENGINEER SHALL DETERMINE WHETHER REPAIR OR REPLACEMENT IS NECESSARY. ALL REPAIR METHODS SHALL BE SUBMITTED TO THE RESIDENT ENGINEER FOR REVIEW AND APPROVAL PRIOR TO INITIATING THE WORK. REPAIRS SHALL BE MADE AT NO ADDITIONAL COST TO THE SPONSOR AND TO THE APPROVAL OF THE ENGINEER.
- CONTRACTOR SHALL EXAMINE THE EXISTING PAVEMENTS THAT WILL BE USED FOR HAULING OF MATERIAL AND EQUIPMENT, AND DETERMINE THE PAVEMENTS ABILITY TO WITHSTAND CONTRACTOR OPERATIONS WITHOUT CAUSING DAMAGE TO THE PAVEMENT. ANY DAMAGE CAUSED BY THE CONTRACTOR SHALL BE REPAIRED BY THE CONTRACTOR TO THE APPROVAL OF THE ENGINEER AND AT NO ADDITIONAL COST TO THE SPONSOR.
- CONTRACTOR SHALL BE REQUIRED TO PROVIDED NON-POTABLE WATER FOR CONSTRUCTION PURPOSES. CONTRACTOR SHALL BE RESPONSIBLE FOR STORAGE OF NON-POTABLE WATER. ANY STRUCTURES ERECTED IN SUPPORT OF WATERING OPERATIONS SHALL MEET FAA FAR PART 77 CLEARANCES FOR ALL AIRCRAFT

AND BE APPROPRIATELY LIT AS A HAZARD TO THE FLYING PUBLIC. NON-PORTABLE WATER USED FOR P-152 OR DUST CONTROL SHALL BE INCIDENTAL TO THE PROJECT BID ITEMS.

- DURING ANY NIGHTTIME OPERATIONS ALL AREA LIGHTING SHALL FACE TO THE NORTHEAST, SOUTHEAST, OR AS DIRECTED BY THE ENGINEER. AT NO TIME SHALL LIGHT PLANTS BE LEFT RUNNING WHEN CONSTRUCTION OPERATIONS ARE NOT IN PROCESS.
- ALL AREAS THAT ARE DISTURBED BY CONTRACTOR OPERATIONS, SHALL BE SEEDED PER T-901 SEEDING.
- ALL CONTRACTOR EMPLOYEES SHALL BE REQUIRED TO PARK IN THE CONTRACTORS DESIGNATED STAGING AREA ONLY AND SHALL BE DRIVEN TO THE PROJECT SITE BY DESIGNATED CONSTRUCTION VEHICLES.
- CRAWLER TRACKED VEHICLES SHALL NOT BE ALLOWED ON PAVED SURFACES. TRACKED VEHICLES MUST BE MOVED ACROSS PAVED SURFACES ON A WHEELED VEHICLE.
- WHENEVER CONSTRUCTION TRAFFIC IS REQUIRED TO CROSS AN ACTIVE PAVEMENT OR INTERRUPT NORMAL TRAFFIC FLOW, THE CONTRACTOR SHALL PROVIDE FLAGGERS AT THE CROSSING(S) AS REQUIRED BY THE CONSTRUCTION PHASING DRAWINGS OR AS DIRECTED BY THE ENGINEER OR THE AIRPORT (INCIDENTAL TO ITEM GP-105).

**UTILITIES**

- PRIOR TO COMMENCING WORK, IT SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR TO CONTACT THE APPROPRIATE UTILITY AGENCIES, UTILITY NOTIFICATION CENTERS, AND TO FIELD VERIFY THE LOCATIONS AND DEPTHS, THROUGH UTILITY LOCATES AND POTHOLES, OF ALL EXISTING UTILITIES WITHIN THE PROJECT LIMITS, STAGING, AND HAUL ROUTE AREAS.
- THE EXISTING UTILITY LOCATIONS SHOWN ON THE PLANS ARE APPROXIMATE AND SHALL NOT BE SCALED FOR EXACT LOCATION. LOCATION OF EXISTING DUCT BANK, CIRCUITING, UTILITIES AND STRUCTURES SHOWN ON THESE DRAWINGS IS BASED ON AVAILABLE INFORMATION AND IS NOT WARRANTED TO BE EXACT, NOR IS IT WARRANTED THAT ALL OF THESE ITEMS ARE SHOWN.
- CONTRACTOR SHALL CONTACT AND COORDINATE WITH THE APPROPRIATE UTILITY AGENCIES WHEN WORKING ON OR WITHIN THE PROXIMITY OF AN AGENCIES UTILITY.
- ANY INTERRUPTION OF AN EXISTING SYSTEM OR UTILITY SERVICE SHALL BE COORDINATED AND APPROVED BY THE AIRPORT AND THE AUTHORITY, AGENCY, OR UTILITY HAVING JURISDICTION, PRIOR TO STARTING WORK INCLUDING CONTACTING THE AIRPORT AND FAA.
- CONTRACTOR IS RESPONSIBLE FOR DAMAGES TO EXISTING UTILITIES. REPAIRS DEEMED NECESSARY BY THE ENGINEER WILL BE COMPLETED BY THE CONTRACTOR AT NO ADDITIONAL COST TO THE SPONSOR. SEE SECTION 50-06 OF THE CONTRACT DOCUMENTS FOR ADDITIONAL NOTES REGARDING UTILITY LOCATES.
- THE CONTRACTOR SHALL COORDINATE AND COOPERATE WITH THE CITY, COUNTY, AND ALL UTILITY COMPANIES INVOLVED, WITH REGARD TO RELOCATIONS OR ADJUSTMENTS OF EXISTING UTILITIES DURING CONSTRUCTION, AND TO ASSURE THAT THE WORK IS ACCOMPLISHED IN A TIMELY FASHION AND WITH A MINIMUM DISRUPTION OF SERVICE. THE CONTRACTOR SHALL BE RESPONSIBLE FOR CONTACTING ALL PARTIES AFFECTED BY ANY DISRUPTION OF ANY SERVICE.
- WHERE NEW DUCT BANKS OR OTHER UTILITIES ARE NEAR EXISTING UTILITIES, THE CONTRACTOR SHALL HAND EXCAVATE AROUND THE EXISTING UTILITIES IN ORDER TO PREVENT DAMAGE. THE CONTRACTOR SHALL BE RESPONSIBLE FOR IMMEDIATELY REPAIRING ANY UTILITY DAMAGED DURING CONSTRUCTION.
- CONTRACTOR SHOULD EXPECT TO ENCOUNTER WATER IN LIGHT CANS, JUNCTION CANS, STRUCTURES, AND DITCH LINES. CONTRACTOR RESPONSIBLE FOR DEWATERING AT NO ADDITIONAL COST TO THE OWNER.
- THE CONTRACTOR SHALL BE RESPONSIBLE FOR LOCATING ALL UNDERGROUND UTILITIES PRIOR TO BEGINNING CONSTRUCTION. THE CONTRACTOR MAY UTILIZE THE FOLLOWING TOLL FREE TELEPHONE NUMBER PROVIDED BY "MISSOURI ONE CALL SYSTEM, INC.": 1-800-DIG-RITE. THIS NUMBER IS APPLICABLE

ANYWHERE WITHIN THE STATE OF MISSOURI.

**KNOWN UTILITY CONTACTS**

AGENCY NAME	AGENCY TYPE	TELEPHONE
AMEREN MISSOURI ELECTRIC	ELECTRIC	(800)778-9140
AT&T DISTRIBUTION	TELEPHONE LINE	(314)275-0020
CTLCL-CENTURYLINK	COMMUNICATIONS LINE	(573)634-1615
CITY OF POTOSI PUBLIC UTILITIES	GAS LINE (SAM JOHNSON)	(573)438-2767 (573)-760-7023
SHO-ME TECHNOLOGIES	FIBER OPTIC CABLE (FIBER INTERNET ACCESS)	(417)859-2615
WASHINGTON COUNTY WATER DISTRICT 1	WATER	(573)760-5165

**SUBMITTALS**

- THE CONTRACTOR SHALL SUBMIT A DETAILED LISTING OF ALL SUBMITTALS (E.G., MIX DESIGNS, MATERIAL CERTIFICATION, AND PRODUCT INFORMATION) AND SHOP DRAWINGS REQUIRED BY THE TECHNICAL SPECIFICATIONS.
- THE CONTRACTOR SHALL REVIEW THE CONTRACT DOCUMENTS SECTION 100-05 FOR SUBMITTAL SCHEDULE REQUIREMENTS.
- THE CONTRACTOR SHALL PROVIDE MATERIAL SUBMITTALS FOR THE ENGINEER'S APPROVAL AT LEAST SEVEN (7) DAYS PRIOR TO ORDERING.

**TRAFFIC CONTROL**

- THE CONTRACTOR IS RESPONSIBLE FOR COORDINATING AND PROVIDING ALL REQUIRED TRAFFIC CONTROL FOR THE PROJECT'S ACCESS LOCATIONS, INCLUDING ANY REQUIREMENTS OF MODOT OR WASHINGTON COUNTY. ALL ASSOCIATED COSTS ARE INCIDENTAL TO CONSTRUCTION AND WILL NOT BE PAID SEPARATELY.
- THE CONTRACTOR SHALL SUBMIT A TRAFFIC CONTROL PLAN IN ACCORDANCE WITH LOCAL JURISDICTIONAL AND MODOT REQUIREMENTS FOR APPROVAL PRIOR TO THE START OF ANY CONSTRUCTION ACTIVITIES. CONTRACTOR SHALL BE RESPONSIBLE FOR PROVIDING AND MAINTAINING ANY AND ALL TRAFFIC CONTROL DEVICES.

**MATERIAL SUPPLY AND DISPOSAL**

- ALL MATERIALS MUST BE OBTAINED FROM AN UNDESIGNATED SOURCE UNLESS OTHERWISE IDENTIFIED IN THE PLANS OR SPECIFICATIONS.
- ALL WASTE MATERIALS SHALL BE REMOVED FROM THE AIRPORT PROPERTY AT NO COST TO THE SPONSOR UNLESS OTHERWISE DIRECTED BY THE SPONSOR.

**WORKING NEAR STRUCTURES**

- THE STRUCTURES SHOWN OR DEFINED IN THE CONTRACT DOCUMENTS AND PLANS HAS BEEN DESIGNED ONLY FOR LOADS ANTICIPATED ON THE STRUCTURE DURING ITS SERVICE LIFE. CONTRACTOR SHALL PROVIDE ALL REQUIRED ENGINEERING AND OTHER MEASURES TO ACHIEVE THE MEANS, METHODS, AND SEQUENCES OF WORK. REQUIRED ENGINEERING MAY INCLUDE, BUT IS NOT LIMITED TO:
  - LAYOUT
  - DESIGN FOR FORMWORK, SHORING, AND RESHORING
  - DESIGN OF CONCRETE MIXES
  - DESIGN OF TEMPORARY BRACING OF WALLS FOR WIND, SEISMIC, OR SOIL LOADS
  - SURVEYING TO VERIFY CONSTRUCTION TOLERANCES
  - EVALUATION OF TEMPORARY CONSTRUCTION LOADS ON STRUCTURE DUE TO EQUIPMENT AND MATERIALS
  - STRUCTURAL ENGINEERING TO RESIST ANY OTHER LOADS NOT IDENTIFIED ON DESIGN DRAWINGS.

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FOR AND ON BEHALF OF JVIATION, INC.



DES: D.W.C.	ISSUE RECORD			
	NO.	BY	DATE	DESCRIPTION
DR: F.V.	1	M.J.L.	12/18/19	ISSUED FOR BID
CH: C.L.G.	△		01/10/20	ADDENDUM NO. 1
APP: E.S.D.				

ACCESS ROAD RELOCATION AND OBSTRUCTION REMOVAL

GENERAL NOTES

MoDOT PROJ. NO. 19-060A-1

JVIATION PROJ. NO. 2018.8WC.02

SHEET NAME

G003A

SHEET NO.

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SUMMARY OF APPROXIMATE QUANTITIES

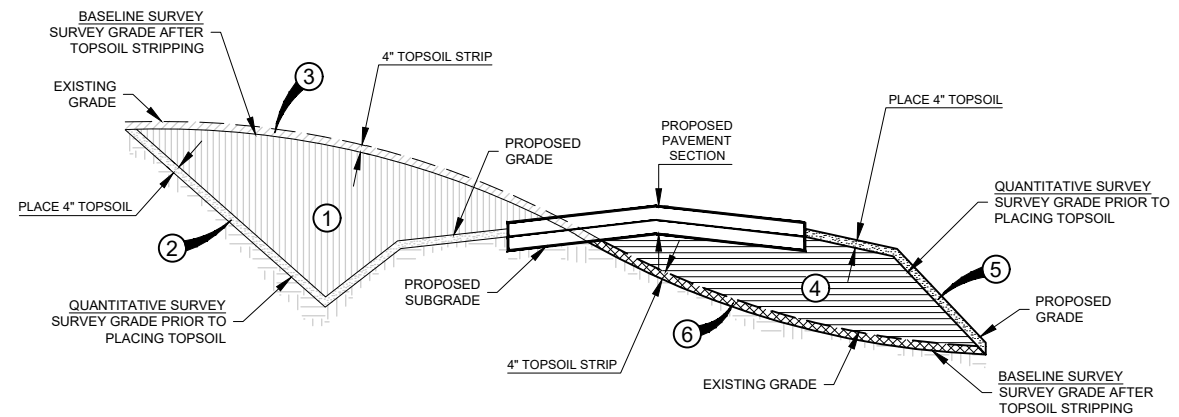
ITEM NO.	ITEM DESCRIPTION	UNITS	SCHEDULE I		SCHEDULE II		SCHEDULE III	
			ESTIMATE	AS BUILT	ESTIMATE	AS BUILT	ESTIMATE	AS BUILT
C-105a	Mobilization	LS	1		1		1	
C-102a	Erosion Control Log	LF	850		0		0	
C-102b	Ditch Check	EA	5		0		0	
C-102c	Culvert Protection	EA	1		0		0	
P-101a	Asphalt Pavement Removal - Full Depth	SY	0		0		134	
P-101b	Asphalt Pavement Removal - Butt Joint	SY	80		0		0	
P-101c	Removal of Structures/Foundations	LS	1		0		0	
P-151a	Clearing and Grubbing	AC	4.5	⚠	11.3		0	
P-151b	Tree Topping (Zone 1 and 2)	AC	0		6.0		0	
P-151c	Tree Topping (Zone 3 and 4)	AC	0		4.0		0	
P-151d	Tree Topping (Zone 5)	AC	0		1.3		0	
P-151e	Tree Clearing	AC	0		0.7		0	
P-152a	Embankment In-Place	CY	12,465		0		0	
P-152b	Embankment In-Place from Off-site	CY	2,035		0		0	
F-160a	Fence, Class B (4-Strand Barb Wire, Wood Posts)	LF	0		0		85	
MO-209a	Crushed Aggregate Base Course	SY	1,550		0		0	
MO-401Fa	Bituminous Asphalt Pavement	TON	630		0		0	
P-603a	Emulsified Asphalt Tack Coat	GAL	430		0		0	
MO-609a	Type 4 Rock Ditch Liner	CY	65		0		0	
D-701a	24 inch Reinforced Concrete Pipe	LF	100		0		0	
T-901a	Seeding with Hydromulch	AC	4.5	⚠	11.3		0	
MO-903a	Stop Sign, 36 in. (R1-1)	EA	1		0		0	
MO-903b	12 GA. Perforated Square Steel Tube Post, 2.5 in., with 7 GA. Post Anchor and Concrete Footing (for stop sign)	EA	1		0		0	
MO-903c	Road Closed, 30 in. x 48 in. (R11-2) with fasteners	EA	0		0		2	
MO-903d	Relocate Existing Airport Sign Assembly on two wooden Breakaway Posts	LS	1		0		0	
SCHEDULE II ALTERNATE								
P-151e	Tree Clearing	AC	0		12		0	

EARTHWORK SUMMARY

AREA DESCRIPTION	CUT (CY)	FILL (CY)
SCHEDULE I		
AREA 1 - NEW ACCESS ROAD	1,048	13,400
AREA 2 - BORROW SITE (ON AIRPORT)	10,477	8
SCHEDULE SUBTOTAL	11,525	13,408
PROJECT TOTAL		
	11,525	13,408

EARTHWORK NOTES:

- ADDITIONAL FILL NEEDED TO BE IMPORTED BY CONTRACTOR.
- FINAL MEASUREMENT WILL NOT BE MADE EXCEPT WHEN APPRECIABLE ERRORS ARE FOUND IN THE ORIGINAL COMPUTATIONS OR AN AUTHORIZED CHANGE IS MADE.



TOTAL EXCAVATION (NO PAY)

- ① UNCLASSIFIED EXCAVATION VOLUME
- ② TOPSOIL VOLUME AT EXCAVATION (PLACED)
- ③ TOPSOIL VOLUME AT EXCAVATION (STRIPPED)

TOTAL EMBANKMENT (PAY)

- ④ EMBANKMENT VOLUME (FROM BORROW SOURCE)
- ⑤ TOPSOIL VOLUME AT EMBANKMENT (PLACED)\*
- ⑥ TOPSOIL VOLUME AT EMBANKMENT (STRIPPED)

2 EARTHWORK CALCULATIONS DETAIL (EMBANKMENT)

NOT TO SCALE

NOTE:  
\*TOPSOIL PAID AS EMBANKMENT; NO SEPARATE PAY ITEM.

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FOR AND ON BEHALF OF JVIATION, INC.

Printed January 10, 2020 @ 10:48 AM by Laura Riegel - 38WC1807 Access Road/CA/PLA/3808-BWC-18-00A-1-C005-QTY3.dwg



DES: D.W.C.	ISSUE RECORD			
	NO.	BY	DATE	DESCRIPTION
DR: F.V.	1	M.J.L.	12/18/19	ISSUED FOR BID
CH: C.L.G.	⚠		01/10/20	ADDENDUM NO. 1
APP: E.S.D.				

ACCESS ROAD RELOCATION AND OBSTRUCTION REMOVAL

SUMMARY OF APPROXIMATE QUANTITIES

MoDOT PROJ. NO. 19-060A-1

JVIATION PROJ. NO. 2018.8WC.02

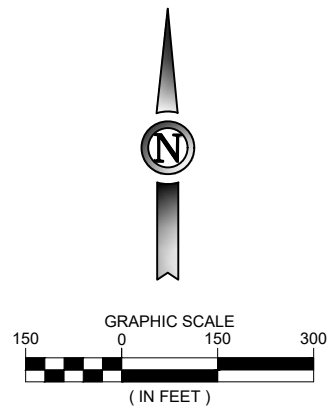
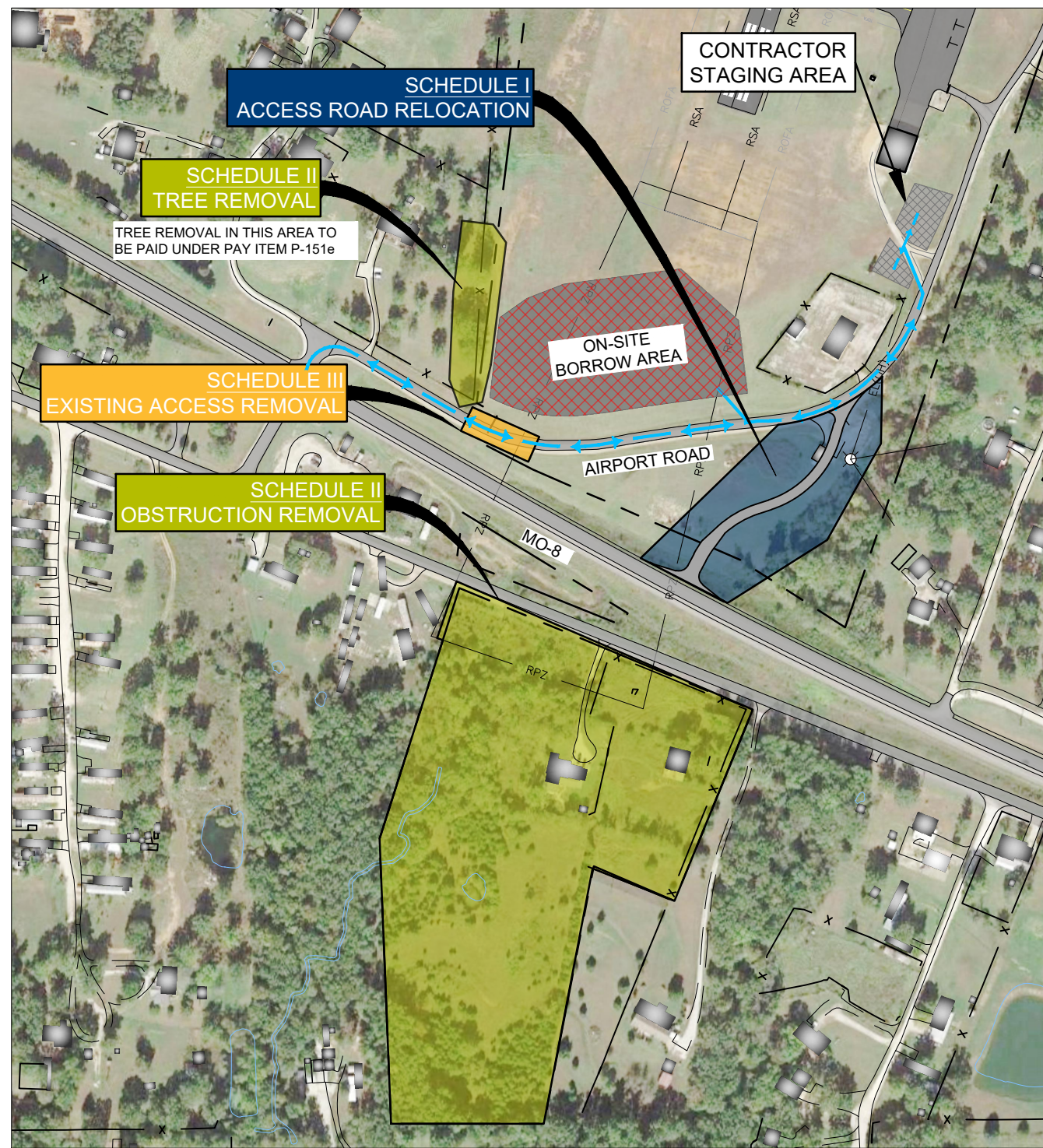
SHEET NAME

G005

SHEET NO.

6 of 32

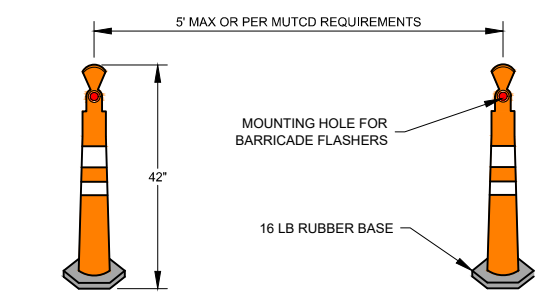




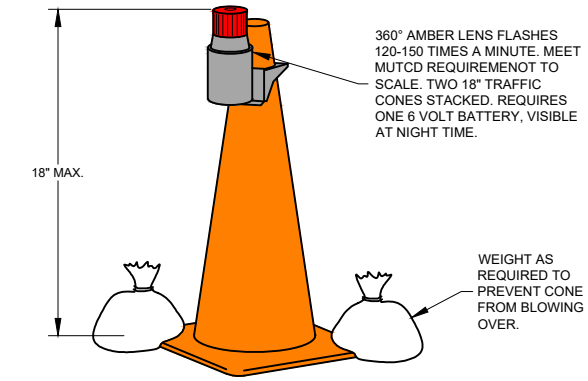
SAFETY & OBJECT FREE AREAS	
RUNWAY 2/20	
RUNWAY SAFETY AREA (RSA)	60' FROM RW CENTERLINE
RUNWAY EXTENDED SAFETY AREA (RSA)	240' FROM RW END
RUNWAY OBJECT FREE AREA (ROFA)	125' FROM RW CENTERLINE
TAXIWAYS	
TAXIWAY SAFETY AREA (TSA)	24.5' FROM TW CENTERLINE
TAXIWAY OBJECT FREE AREA (TOFA)	44.5' FROM TW CENTERLINE

OVERALL PHASING LEGEND	
	CONTRACTOR HAUL ROUTE
	RSA - RUNWAY SAFETY AREA
	ROFA - RUNWAY OBJECT FREE AREA
	RPZ - RUNWAY PROTECTION ZONE
	EXISTING FENCE
	CONTRACTOR STAGING AREA (25' HEIGHT RESTRICTION)
	POSSIBLE ON-SITE BORROW AREA

MILLINGS STOCK PILE AREA OMITTED, MILLINGS TO BE TAKEN OFF-SITE.



6 TUBULAR FLASHER BARRICADE DETAIL  
NOT TO SCALE



5 TRAFFIC CONE WITH LIGHT DETAIL  
NOT TO SCALE

- TRAFFIC CONE & LIGHT NOTES**
- INSTALL TO DELINEATE CLOSED AREAS ON AIRPORT AS REQUIRED BY ENGINEER.
  - INSTALL @ 4' ON CENTER.
  - CHECK AND MAINTAIN LIGHTS DAILY.



1 TYPE 3 MUTCD MOVEABLE BARRICADE W/ WARNING LIGHTS & ROAD CLOSED SIGN  
NOT TO SCALE

PROJECT SCHEDULE		
SCHEDULE / PHASE	DURATION	2020
SCHEDULE I - PHASE 1 & 1A	135 CALENDAR DAYS	
SCHEDULE II - PHASE 1 & 1A	60 CALENDAR DAYS	
SCHEDULE III - PHASE 2	7 CALENDAR DAYS	

**PERMIT TO WORK ON MODOT RIGHT-OF-WAY**

THE CONTRACTOR SHALL APPLY FOR A MODOT HIGHWAY PERMIT TO WORK ON ROW. THE CONTRACTOR MUST HAVE THIS PERMIT APPROVED PRIOR TO STARTING WORK INSIDE HIGHWAY 8 ROW.

**NOTE:**

- \*TIMELINE ACCOUNTS FOR ANY WINTER SHUTDOWN, NO ADDITIONAL TIME WILL BE GIVEN IF WINTER SHUTDOWN IS NECESSARY.
- NO WORK WILL BE ALLOWED BEFORE JANUARY 15, 2020.
- CLEARING AND TOPPING TREES FOR SCHEDULE I MUST BE COMPLETED BEFORE MARCH 31, 2020 OR BETWEEN NOVEMBER 1, 2020 AND DECEMBER 31, 2020.
- SCHEDULE III MAY START RIGHT AFTER COMPLETION OF SCHEDULE I.

ISSUED FOR BID

FOR AND ON BEHALF OF JVIATION, INC.



ISSUE RECORD				
NO.	BY	DATE	DESCRIPTION	
1	M.J.L.	12/18/19	ISSUED FOR BID	
		01/10/20	ADDENDUM NO. 1	

ACCESS ROAD RELOCATION AND OBSTRUCTION REMOVAL

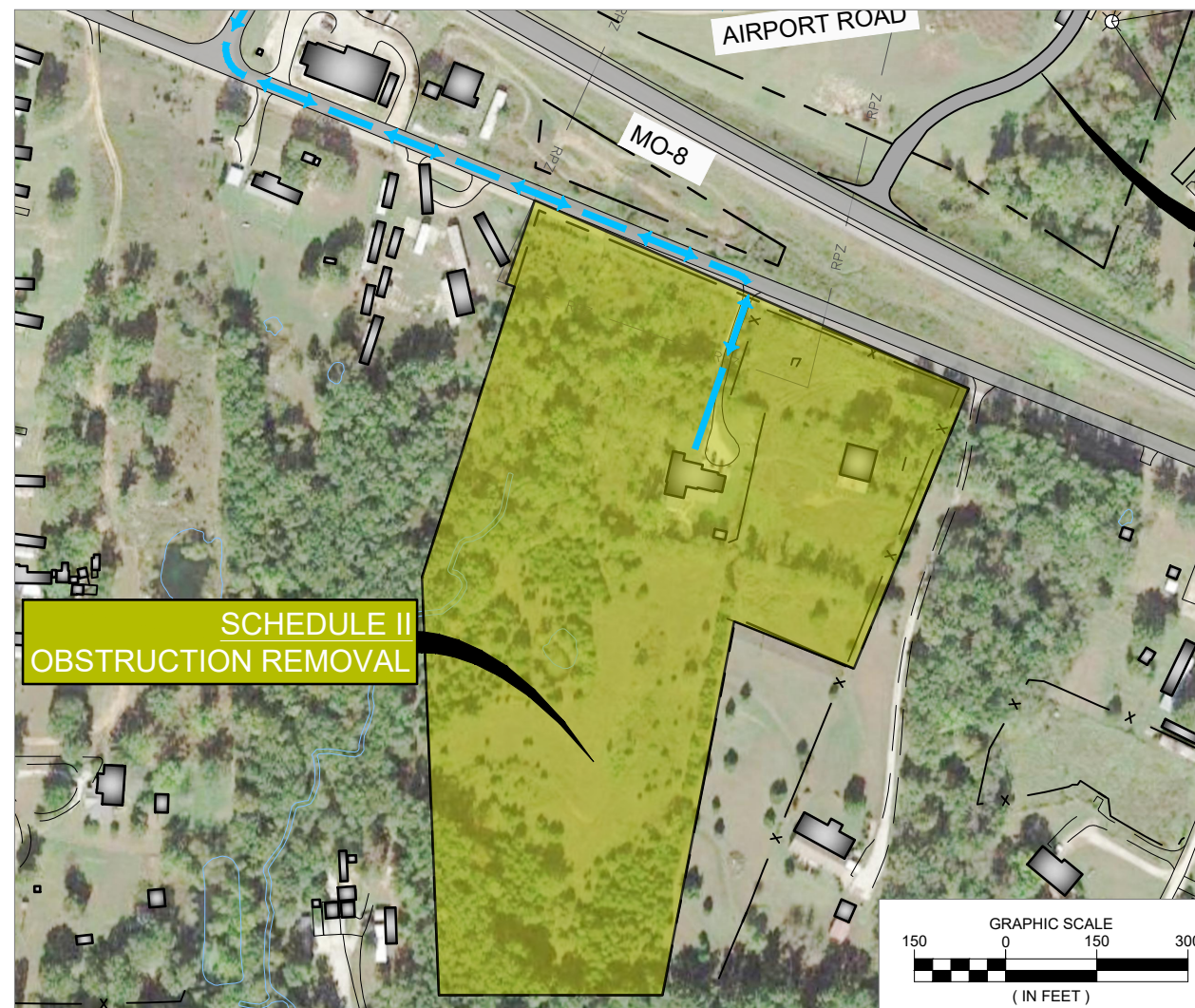
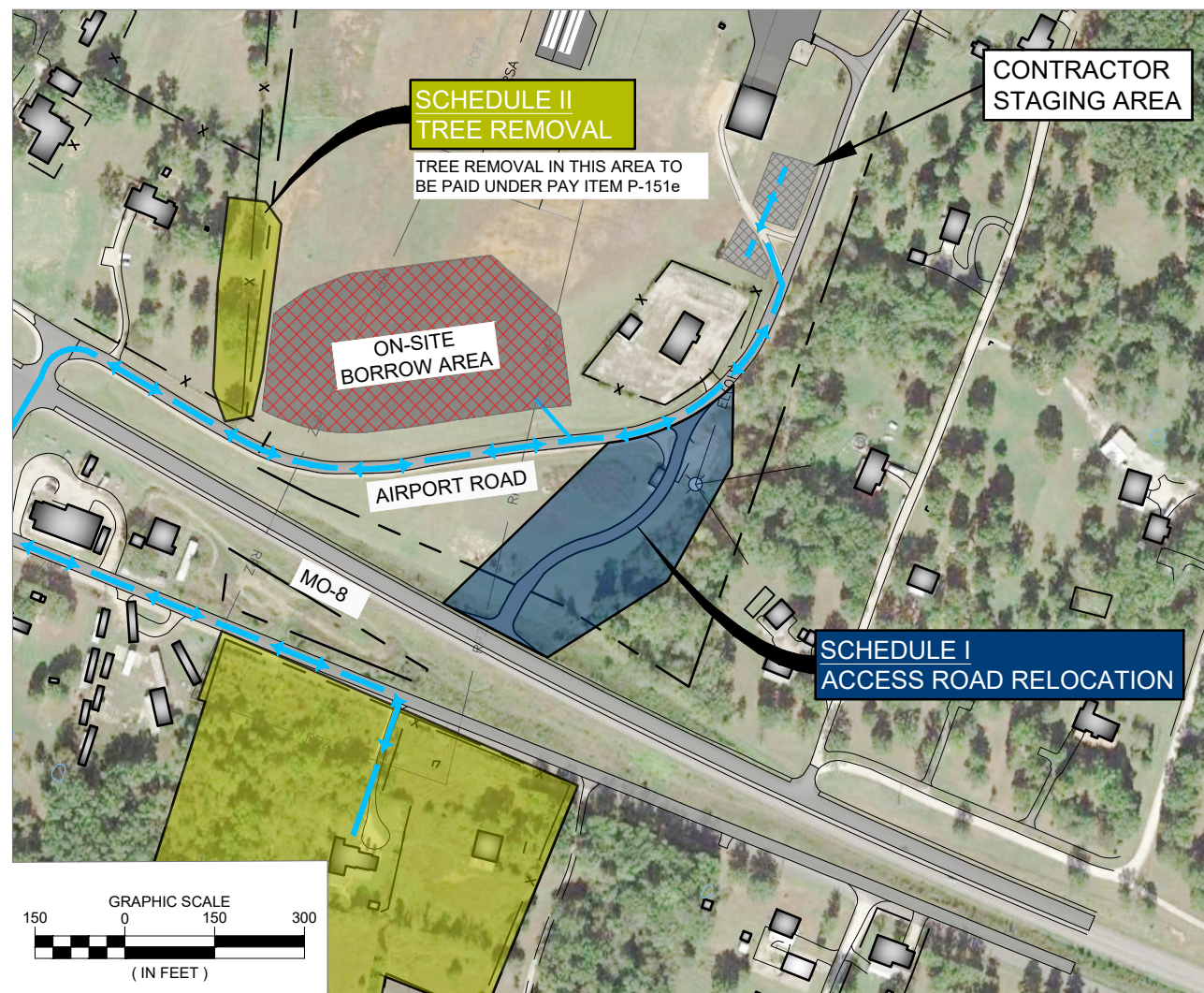
CONSTRUCTION SAFETY DRAWING  
OVERALL PHASING PLAN

MoDOT PROJ. NO. 19-060A-1  
JVIATION PROJ. NO. 2018.8WC.02

SHEET NAME G050  
SHEET NO. 10 of 32

Plotted January 10, 2020 @ 10:00 AM by Lauren Riegehl  
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PHASING LEGEND	
	CONTRACTOR HAUL ROUTE
	ROFA - RUNWAY OBJECT FREE AREA
	TOFA - TAXIWAY OBJECT FREE AREA
	RPZ - RUNWAY PROTECTION ZONE
	FLASHER BARRICADE
	CONTRACTOR STAGING AREA (25' HEIGHT RESTRICTION)
	POSSIBLE ON-SITE BORROW AREA

**MILLINGS STOCK PILE AREA OMITTED, MILLINGS TO BE TAKEN OFF-SITE.**



**CONSTRUCTION PHASING NOTES**

SCHEDULE I & II / PHASE 1	MAJOR WORK TO BE COMPLETED	NOTES		
<p><b>DURATION</b></p> <p>PHASE 1:</p> <p>SCHEDULE I:</p> <ul style="list-style-type: none"> <li>CLEAR AND GRUB TREES &amp; BRUSH - JANUARY 15, 2020 - MARCH 31, 2020</li> <li>ALL OTHER WORK - JANUARY 15, 2020 - MAY 29, 2020</li> </ul> <p>SCHEDULE II:</p> <ul style="list-style-type: none"> <li>TOP DRESS - JANUARY 15, 2020 - MARCH 31, 2020 ANYTIME</li> </ul> <p>REQUIRED TIMEFRAME FOR CLEARING &amp; TOPPING TREES: JANUARY 15, 2020 - MARCH 31, 2020.</p> <p><b>CONTRACTOR ACCESS TIMES</b></p> <p>SCHEDULE I - 24 HOUR ACCESS TO APPROVED WORK AREAS*</p> <p>ALL AIRPORT OPERATIONS AREAS SHALL REMAIN OPEN AND UNAFFECTED DURING THIS SCHEDULE WITH THE FOLLOWING EXCEPTIONS:</p> <p>NOTAM IN PLACE DURING SCHEDULE II WORK FOR RPZ PROXIMITY.</p> <p>SCHEDULE II - WORK TO BE PERFORMED MONDAY - FRIDAY 8 AM TO 5 PM.</p> <p>*NOTE: CONTRACTOR TO FOLLOW PHASE 1A TRAFFIC CONTROL WHEN USING THE ON-SITE BORROW AREA.</p>	<p><b>SITE PREPARATION</b></p> <ol style="list-style-type: none"> <li>EROSION CONTROL MEASURES</li> <li>DELINEATE AREA</li> <li>CLEAR AND GRUB AREA</li> <li>TREE TOPPING</li> <li>REMOVAL OF FOUNDATION/CONCRETE</li> </ol> <p><b>EARTHWORK</b></p> <ol style="list-style-type: none"> <li>RECOMPACT NATIVE MATERIAL/EMBANKMENT PREPARATION</li> <li>CUT/FILL EARTHWORK (INCLUDING IMPORT)</li> </ol> <p><b>DRAINAGE</b></p> <ol style="list-style-type: none"> <li>BOX CULVERT EXTENSION</li> <li>PIPE INSTALLATION</li> </ol> <p><b>PAVEMENT SECTION</b></p> <ol style="list-style-type: none"> <li>ROCK BASE COURSE</li> <li>ASPHALT PAVEMENT</li> </ol> <p><b>MISCELLANEOUS</b></p> <ol style="list-style-type: none"> <li>STOP SIGN INSTALLATION</li> <li>AIRPORT SIGN RELOCATION</li> </ol> <p><b>SITE RECLAMATION</b></p> <ol style="list-style-type: none"> <li>SEEDING WITH HYDROMULCH</li> <li>EROSION CONTROL MEASURE REMOVAL</li> </ol>	<p><b>TRAFFIC CONTROL</b></p> <ol style="list-style-type: none"> <li>THE CONTRACTOR SHALL PROVIDE A TRAFFIC CONTROL PLAN AND WORK PLAN FOR THE PROJECT.</li> <li>TRAFFIC CONTROL PLAN SHALL BE IN ACCORDANCE WITH ANY LOCAL AND/OR STATE REQUIREMENTS AND SHALL BE APPROVED BY THE ENGINEER AND ANY REQUIRED LOCAL AND/OR STATE AGENCY.</li> <li>THE CONTRACTOR SHALL PROVIDE ANY REQUIRED FLAGGERS, BARRICADES, OR TRAFFIC CONTROL PER AIRPORT AND MODOT REQUIREMENTS.</li> <li>THE CONTRACTOR SHALL INSTALL TRAFFIC CONTROL IN ACCORDANCE WITH MODOT MGS-93-06E. A USEABLE TRAFFIC LANE OF 12 FEET MUST BE MAINTAINED AT ALL TIMES DURING WORK.</li> <li>THE CONTRACTOR SHALL HAVE FLAGGERS AVAILABLE WHEN NEEDED TO DIRECT TRAFFIC AROUND OR NEAR PAVING OPERATIONS.</li> </ol> <p><b>FOREIGN OBJECT DEBRIS (FOD) CONTROL</b></p> <ol style="list-style-type: none"> <li>THE CONTRACTOR SHALL HAVE A SWEEPER ON SITE AT ALL TIMES TO CLEAN DEBRIS FROM HAUL ROUTES, CONSTRUCTION ACCESS POINTS, OR AREAS ADJACENT TO CONSTRUCTION.</li> <li>CONTRACTOR SHALL USE FLAGMEN AND SWEEPERS AT ALL ACTIVE PAVEMENT CROSSING.</li> </ol> <p><b>LIQUIDATED DAMAGES</b></p> <ol style="list-style-type: none"> <li>LIQUIDATED DAMAGES IMPOSED UPON THE CONTRACTOR FOR FAILURE TO COMPLETE PROJECT WITHIN THE SPECIFIED ALLOTTED TIME WILL BE PER SECTION 80-08 OF THE CONTRACT DOCUMENTS.</li> </ol>	<p><b>HAUL ROADS / STAGING AREAS</b></p> <ol style="list-style-type: none"> <li>THE CONTRACTOR SHALL KEEP ALL CONSTRUCTION TRAFFIC LIMITED TO THE APPROVED HAUL ROUTES AS SHOWN ON THE PLANS OR AS APPROVED BY THE ENGINEER. THE CONTRACTOR IS RESPONSIBLE FOR ANY DAMAGE CAUSED ALONG THE HAUL ROUTES OR CONSTRUCTION ACCESS ROUTES TO THE PROJECT SITE.</li> <li>CONTRACTOR SHALL PARK ALL EQUIPMENT AND VEHICLES IN STAGING AREAS AT NIGHT AND DURING PERIODS WHEN NO CONSTRUCTION ACTIVITIES ARE TAKING PLACE.</li> <li>CONTRACTOR SHALL EXAMINE THE EXISTING PAVEMENTS THAT WILL BE USED FOR HAULING OF MATERIAL AND EQUIPMENT, AND DETERMINE THE PAVEMENTS ABILITY TO WITHSTAND CONTRACTOR OPERATIONS WITHOUT CAUSING DAMAGE TO THE PAVEMENT. ANY DAMAGE CAUSED BY THE CONTRACTOR SHALL BE REPAIRED BY THE CONTRACTOR TO THE APPROVAL OF THE ENGINEER AND AT NO ADDITIONAL COST TO THE SPONSOR.</li> <li>ACCESS DIFFICULTIES SHOULD BE EXPECTED DUE TO THE VERY MOIST SOIL AND/OR WET CLAY EVEN WHEN USING A DESIGNATED HAUL ROUTE. ALL COSTS ASSOCIATED WITH STABILIZING HAUL ROUTES SHALL BE THE CONTRACTOR'S RESPONSIBILITY AND INCIDENTAL TO C-105 MOBILIZATION.</li> </ol> <p><b>IMPACTS ON OPERATIONS</b></p> <ol style="list-style-type: none"> <li>ALL AIRPORT OPERATIONS AREAS SHALL REMAIN OPEN AND UNAFFECTED TO THE MAXIMUM EXTENT POSSIBLE DURING THIS PROJECT.</li> <li>THE CONTRACTOR SHALL GIVE RIGHT OF WAY TO ALL AIRCRAFT AND EMERGENCY VEHICLES AT ALL TIMES.</li> <li>CONTRACTOR TO MAINTAIN EMERGENCY ACCESS TO AIRPORT AT ALL TIMES.</li> </ol>	<p><b>CONSTRUCTION RESTRICTIONS</b></p> <ol style="list-style-type: none"> <li>THE CONTRACTOR SHALL NOT HAVE ACCESS TO THE AIRPORT OPERATIONS AREA (AOA) DURING CONSTRUCTION EXCEPT AS SHOWN ON THE PHASING PLANS.</li> <li>CONSTRUCTION MARKERS SHALL BE INSTALLED PER PHASING PLANS AND AS REQUIRED BY AC 150/5370-2G, OR AS DIRECTED BY THE ENGINEER. BARRICADES SHALL BE PLACED OUTSIDE OF SAFETY AREAS AT A MAXIMUM SPACING AS DETAILED IN AC 150/5370-2G AND PER THE MUTCD.</li> <li>MATERIAL STORAGE WITHIN THE PROJECT LIMITS MUST BE APPROVED BY THE ENGINEER.</li> </ol> <p><b>MISCELLANEOUS</b></p> <ol style="list-style-type: none"> <li>FOR ALL NIGHT WORK, CONTRACTOR SHALL PROVIDE SUFFICIENT LIGHTING TO ADEQUATELY ILLUMINATE THE WORK AREAS AND HAUL ROUTES TO THE APPROVAL OF THE ENGINEER.</li> <li>CONSTRUCTION ACTIVITIES SHALL ANTICIPATE A WINTER SHUTDOWN. TIMING IS AT THE DISCRETION OF THE CONTRACTOR, HOWEVER, THE ENGINEER RESERVES THE RIGHT TO DETERMINE THE SHUTDOWN IF, IN THE OPINION OF THE ENGINEER, FURTHER WORK WILL BE DETRIMENTAL TO THE QUALITY OF ITEMS BEING COMPLETED AND CONSTRUCTED. CONTRACTOR SHALL INCLUDE ALL COSTS ASSOCIATED WITH, OR AS A RESULT OF, A WINTER SHUTDOWN INTO C-105 MOBILIZATION AS NO ADDITIONAL COSTS WILL BE MADE AS A RESULT OF A WINTER SHUTDOWN.</li> </ol>

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FOR AND ON BEHALF OF JVIATION, INC.



DES: D.W.C.	ISSUE RECORD			
	NO.	BY	DATE	DESCRIPTION
DR: F.V.	1	M.J.L.	12/18/19	ISSUED FOR BID
CH: C.L.G.			01/10/20	ADDENDUM NO. 1
APP: E.S.D.				

ACCESS ROAD RELOCATION AND OBSTRUCTION REMOVAL

CONSTRUCTION SAFETY DRAWING PHASE 1

MoDOT PROJ. NO. 19-060A-1

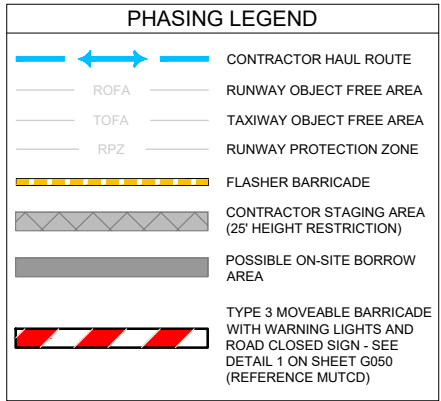
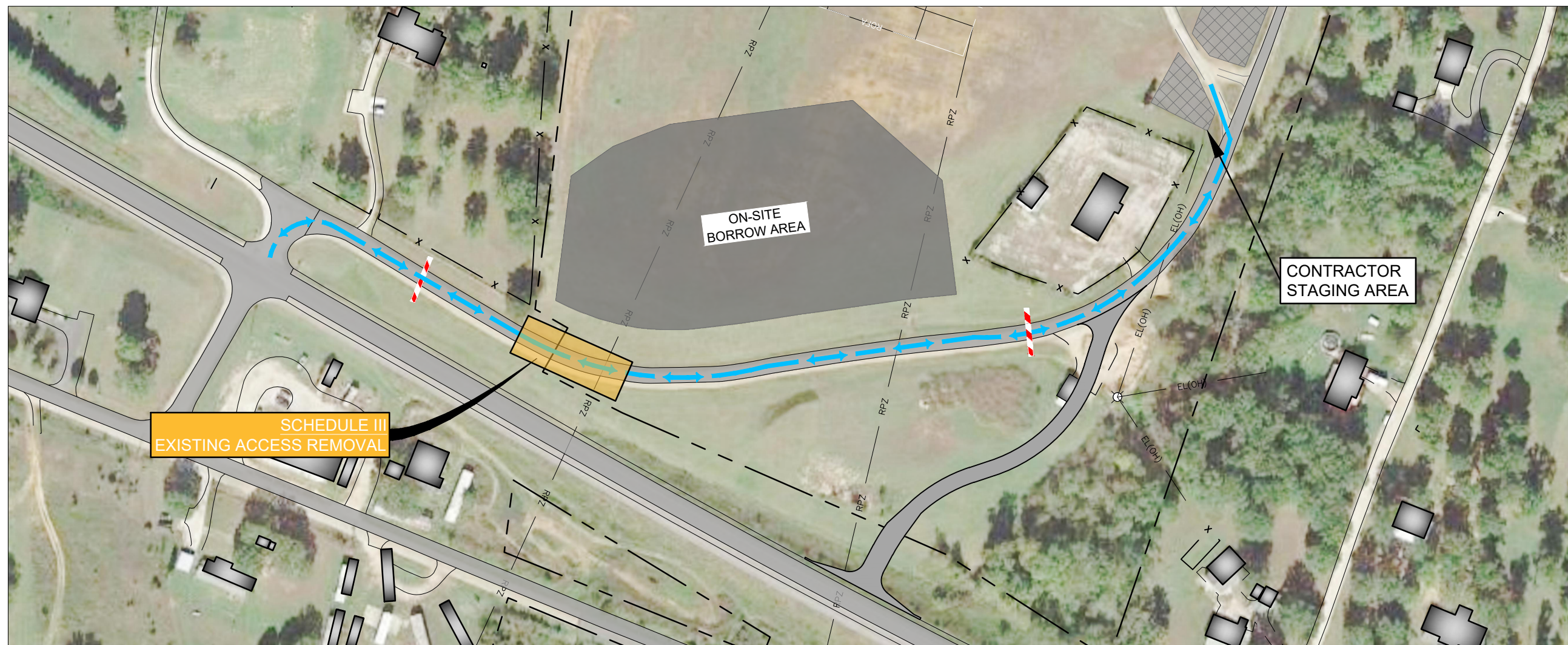
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SHEET NAME G052

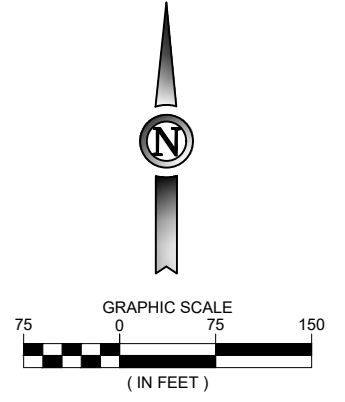
SHEET NO. 12 of 32

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⚠️ MILLINGS STOCK PILE AREA OMITTED, MILLINGS TO BE TAKEN OFF-SITE.



**CONSTRUCTION PHASING NOTES**

SCHEDULE III/ PHASE 2	MAJOR WORK TO BE COMPLETED	NOTES
<p><b>DURATION</b></p> <p>PHASE 2:</p> <p>SCHEDULE III:</p> <ul style="list-style-type: none"> <li>- EXISTING ACCESS REMOVAL</li> <li>- TO BE STARTED AFTER COMPLETION OF SCHEDULE I (WHEN THE NEW ACCESS ROAD IS OPEN)</li> <li>- TO BE COMPLETED WITHIN 1 WEEK.</li> </ul> <p><b>CONTRACTOR ACCESS TIMES</b></p> <p>SCHEDULE III - 24 HOUR ACCESS TO APPROVED WORK AREAS</p> <p>ALL AIRPORT OPERATIONS AREAS SHALL REMAIN OPEN AND UNAFFECTED DURING THIS SCHEDULE WITH THE FOLLOWING EXCEPTIONS:</p> <p>NOTAM IN PLACE DURING WORK FOR RPZ PROXIMITY.</p> <p>EQUIPMENT HEIGHT RESTRICTION OF 15 FEET. EQUIPMENT WITH GREATER HEIGHTS MAY REQUIRE RUNWAY CLOSURE PER PHASE 1A REQUIREMENTS.</p>	<p><b>SITE PREPARATION</b></p> <ol style="list-style-type: none"> <li>EROSION CONTROL MEASURES</li> <li>DELINEATE AREA</li> <li>REMOVAL OF ASPHALT PAVEMENT</li> </ol> <p><b>FENCE</b></p> <ol style="list-style-type: none"> <li>INSTALLATION OF 4-STRAND BARB WIRE FENCE WITH WOOD POSTS</li> </ol> <p><b>MISCELLANEOUS</b></p> <ol style="list-style-type: none"> <li>SIGN INSTALLATION</li> </ol> <p><b>SITE RECLAMATION</b></p> <ol style="list-style-type: none"> <li>SEEDING WITH HYDROMULCH</li> <li>EROSION CONTROL MEASURE REMOVAL</li> </ol>	<p><b>TRAFFIC CONTROL</b></p> <ol style="list-style-type: none"> <li>THE CONTRACTOR SHALL PROVIDE A TRAFFIC CONTROL PLAN AND WORK PLAN FOR THE PROJECT.</li> <li>TRAFFIC CONTROL PLAN SHALL BE IN ACCORDANCE WITH ANY LOCAL AND/OR STATE REQUIREMENTS AND SHALL BE APPROVED BY THE ENGINEER AND ANY REQUIRED LOCAL AND/OR STATE AGENCY.</li> <li>THE CONTRACTOR SHALL PROVIDE ANY REQUIRED FLAGGERS, BARRICADES, OR TRAFFIC CONTROL PER AIRPORT AND MODOT REQUIREMENTS.</li> <li>THE CONTRACTOR SHALL INSTALL TRAFFIC CONTROL IN ACCORDANCE WITH MODOT MGS-93-06E. A USEABLE TRAFFIC LANE OF 12 FEET MUST BE MAINTAINED AT ALL TIMES DURING WORK.</li> <li>THE CONTRACTOR SHALL HAVE FLAGGERS AVAILABLE WHEN NEEDED TO DIRECT TRAFFIC AROUND OR NEAR PAVING OPERATIONS.</li> </ol> <p><b>HAUL ROADS / STAGING AREAS</b></p> <ol style="list-style-type: none"> <li>THE CONTRACTOR SHALL KEEP ALL CONSTRUCTION TRAFFIC LIMITED TO THE APPROVED HAUL ROUTES AS SHOWN ON THE PLANS OR AS APPROVED BY THE ENGINEER. THE CONTRACTOR IS RESPONSIBLE FOR ANY DAMAGE CAUSED ALONG THE HAUL ROUTES OR CONSTRUCTION ACCESS ROUTES TO THE PROJECT SITE.</li> <li>CONTRACTOR SHALL PARK ALL EQUIPMENT AND VEHICLES IN STAGING AREAS AT NIGHT AND DURING PERIODS WHEN NO CONSTRUCTION ACTIVITIES ARE TAKING PLACE.</li> <li>CONTRACTOR SHALL EXAMINE THE EXISTING PAVEMENTS THAT WILL BE USED FOR HAULING OF MATERIAL AND EQUIPMENT, AND DETERMINE THE PAVEMENTS ABILITY TO WITHSTAND CONTRACTOR OPERATIONS WITHOUT CAUSING DAMAGE TO THE PAVEMENT. ANY DAMAGE CAUSED BY THE CONTRACTOR SHALL BE REPAIRED BY THE CONTRACTOR TO THE APPROVAL OF THE ENGINEER AND AT NO ADDITIONAL COST TO THE SPONSOR.</li> <li>ACCESS DIFFICULTIES SHOULD BE EXPECTED DUE TO THE VERY MOIST SOIL AND/OR WET CLAY EVEN WHEN USING A DESIGNATED HAUL ROUTE. ALL COSTS ASSOCIATED WITH STABILIZING HAUL ROUTES SHALL BE THE CONTRACTOR'S RESPONSIBILITY AND INCIDENTAL TO GP-105 MOBILIZATION.</li> </ol> <p><b>CONSTRUCTION RESTRICTIONS</b></p> <ol style="list-style-type: none"> <li>THE CONTRACTOR SHALL NOT HAVE ACCESS TO THE AIRPORT OPERATIONS AREA (AOA) DURING PHASE 2 CONSTRUCTION.</li> <li>CONSTRUCTION MARKERS SHALL BE INSTALLED PER PHASING PLANS AND AS REQUIRED BY AC 150/5370-2G, OR AS DIRECTED BY THE ENGINEER. BARRICADES SHALL BE PLACED OUTSIDE OF SAFETY AREAS AT A MAXIMUM SPACING AS DETAILED IN AC 150/5370-2G AND PER THE MUTCD.</li> <li>MATERIAL STORAGE WITHIN THE PROJECT LIMITS MUST BE APPROVED BY THE ENGINEER.</li> </ol> <p><b>FOREIGN OBJECT DEBRIS (FOD) CONTROL</b></p> <ol style="list-style-type: none"> <li>THE CONTRACTOR SHALL HAVE A SWEEPER ON SITE AT ALL TIMES TO CLEAN DEBRIS FROM HAUL ROUTES, CONSTRUCTION ACCESS POINTS, OR AREAS ADJACENT TO CONSTRUCTION.</li> <li>CONTRACTOR SHALL USE FLAGMEN AND SWEEPERS AT ALL ACTIVE PAVEMENT CROSSING.</li> </ol> <p><b>LIQUIDATED DAMAGES</b></p> <ol style="list-style-type: none"> <li>LIQUIDATED DAMAGES IMPOSED UPON THE CONTRACTOR FOR FAILURE TO COMPLETE PROJECT WITHIN THE SPECIFIED ALLOTTED TIME WILL BE PER SECTION 80-08 OF THE CONTRACT DOCUMENTS.</li> </ol> <p><b>IMPACTS ON OPERATIONS</b></p> <ol style="list-style-type: none"> <li>ALL AIRPORT OPERATIONS AREAS SHALL REMAIN OPEN AND UNAFFECTED TO THE MAXIMUM EXTENT POSSIBLE DURING THIS PROJECT.</li> <li>THE CONTRACTOR SHALL GIVE RIGHT OF WAY TO ALL AIRCRAFT AND ARFF VEHICLES AT ALL TIMES.</li> <li>CONTRACTOR TO MAINTAIN ARFF ACCESS TO AIRPORT AT ALL TIMES.</li> </ol>

ISSUED FOR BID

FOR AND ON BEHALF OF JVIATION, INC.

Printed January 10, 2020 @ 10:44 AM by Lauren Riegel  
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DES: D.W.C.	ISSUE RECORD			
	NO.	BY	DATE	DESCRIPTION
DR: F.V.	1	M.J.L.	12/18/19	ISSUED FOR BID
CH: C.L.G.	⚠️		01/10/20	ADDENDUM NO. 1
APP: E.S.D.				

**ACCESS ROAD RELOCATION AND OBSTRUCTION REMOVAL**

**CONSTRUCTION SAFETY DRAWING PHASE 2**

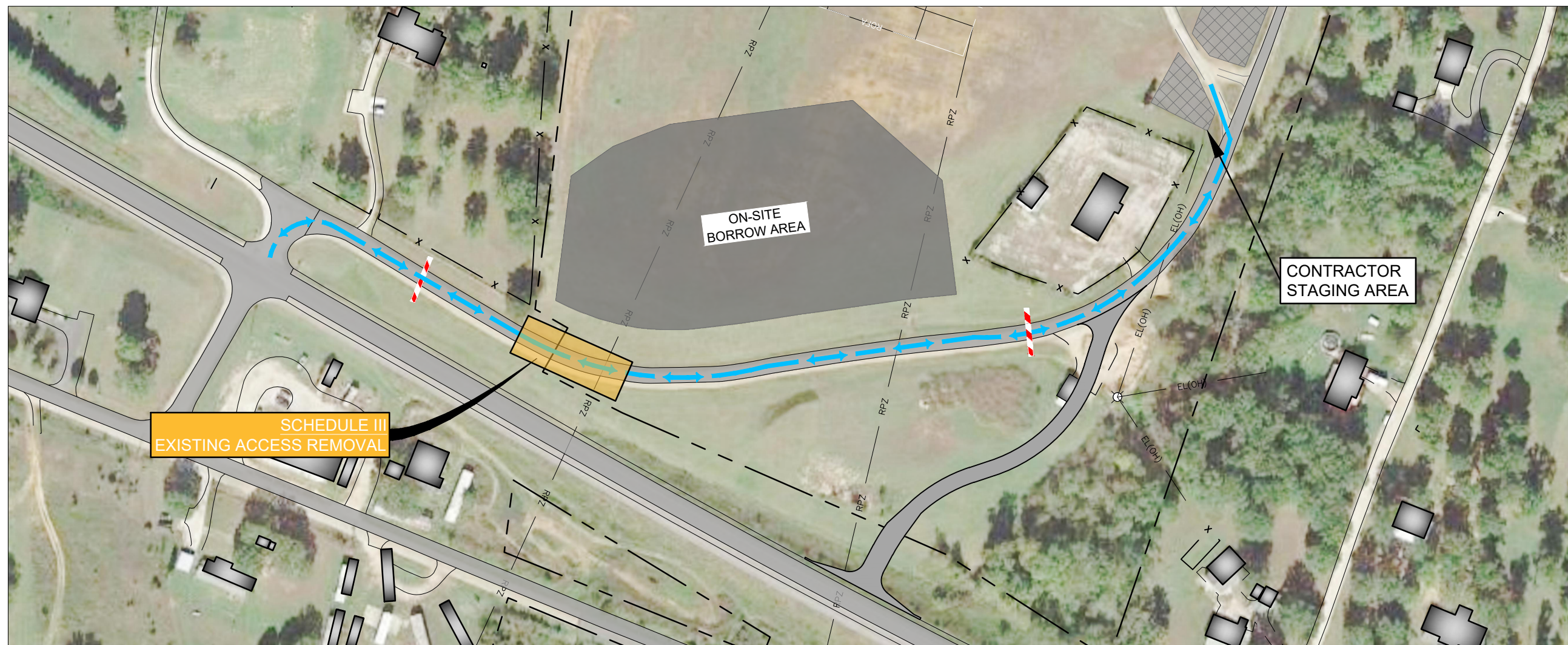
MoDOT PROJ. NO. 19-060A-1

JVIATION PROJ. NO. 2018.8WC.02

**SHEET NAME**  
G054

**SHEET NO.**  
14 of 32



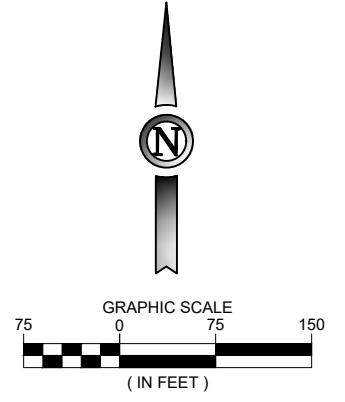


PHASING LEGEND	
	CONTRACTOR HAUL ROUTE
	ROFA - RUNWAY OBJECT FREE AREA
	TOFA - TAXIWAY OBJECT FREE AREA
	RPZ - RUNWAY PROTECTION ZONE
	FLASHER BARRICADE
	CONTRACTOR STAGING AREA (25' HEIGHT RESTRICTION)
	POSSIBLE ON-SITE BORROW AREA
	TYPE 3 MOVEABLE BARRICADE WITH WARNING LIGHTS AND ROAD CLOSED SIGN - SEE DETAIL 1 ON SHEET G050 (REFERENCE MUTCD)

MILLINGS STOCK PILE AREA OMITTED, MILLINGS TO BE TAKEN OFF-SITE.

**CONSTRUCTION PHASING NOTES**

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TIMING IS AT THE DISCRETION OF THE CONTRACTOR, HOWEVER, THE ENGINEER RESERVES THE RIGHT TO DETERMINE THE SHUTDOWN IF, IN THE OPINION OF THE ENGINEER, FURTHER WORK WILL BE DETRIMENTAL TO THE QUALITY OF ITEMS BEING COMPLETED AND CONSTRUCTED. CONTRACTOR SHALL INCLUDE ALL COSTS ASSOCIATED WITH, OR AS A RESULT OF, A WINTER SHUTDOWN INTO GP-105 MOBILIZATION AS NO ADDITIONAL COSTS WILL BE MADE AS A RESULT OF A WINTER SHUTDOWN.</li> </ol> <p><b>IMPACTS ON OPERATIONS</b></p> <ol style="list-style-type: none"> <li>ALL AIRPORT OPERATIONS AREAS SHALL REMAIN OPEN AND UNAFFECTED TO THE MAXIMUM EXTENT POSSIBLE DURING THIS PROJECT.</li> <li>THE CONTRACTOR SHALL GIVE RIGHT OF WAY TO ALL AIRCRAFT AND ARFF VEHICLES AT ALL TIMES.</li> <li>CONTRACTOR TO MAINTAIN ARFF ACCESS TO AIRPORT AT ALL TIMES.</li> </ol>



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FOR AND ON BEHALF OF JVIATION, INC.

Printed January 10, 2020 @ 11:01 AM by Lauren Riegel  
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DES: D.W.C.	ISSUE RECORD			
	NO.	BY	DATE	DESCRIPTION
DR: F.V.	1	M.J.L.	12/18/19	ISSUED FOR BID
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ACCESS ROAD RELOCATION AND OBSTRUCTION REMOVAL

CONSTRUCTION SAFETY DRAWING  
PHASE 2

MoDOT PROJ. NO. 19-060A-1  
JVIATION PROJ. NO. 2018.8WC.02

SHEET NAME  
G054

SHEET NO.  
14 of 32



# Meeting Agenda/**Minutes**

## Pre-Bid Conference

MoDOT Project No. 19-060A-1

Date: Wednesday, January 8, 2020, 1:00 P.M.

Location: Washington County Airport

1. **RECORDING OF ATTENDEES**
  - A. Recording of attendees, firm represented, address and phone number.
  - B. Attendance list will be included as a project addendum.
  
2. **INTRODUCTIONS & PROJECT DESCRIPTION**
  - A. Airport Representatives  
Sam Rhodes, Airport Board Chairman  
Daniel Wilson, Airport Manager
  
  - B. Airport Engineering – Jviation, Inc.  
Joe Pestka, Sr. Program Manager  
Mark Lovato, Project Engineer  
Laura Riegel, Engineer in Training
  
  - C. Project Schedules  
Schedule I: Access Road Relocation  
Schedule II: Obstruction Removal  
Schedule III: Existing Access Removal
  
  - D. Major Work Items:

SUMMARY OF APPROXIMATE QUANTITIES					
ITEM NO.	ITEM DESCRIPTION	UNITS	SCHEDULE I	SCHEDULE II	SCHEDULE III
			ESTIMATE	ESTIMATE	ESTIMATE
C-105a	MOBILIZATION	LS	1	1	1
C-102a	EROSION CONTROL LOG	LF	850	0	0
C-102b	DITCH CHECK	EA	5	0	0
C-102c	CULVERT PROTECTION	EA	1	0	0
P-101a	ASPHALT PAVEMENT REMOVAL – FULL DEPTH	SY	0	0	134
P-101b	ASPHALT PAVEMENT REMOVAL – BUTT JOINT	SY	80	0	0
P-101c	REMOVAL OF STRUCTURES/FOUNDATIONS	LS	1	0	0
P-151a	CLEARING AND GRUBBING	AC	4.5	11.3	0

P-151b	TREE TOPPING (ZONE 1 & 2)	AC	0	6	0
P-151c	TREE TOPPING (ZONE 3 & 4)	AC	0	4	0
P-151d	TREE TOPPING (ZONE 5)	AC	0	1.3	0
P-151e	TREE CLEARING	AC	0	0.7	0
P-152a	EMBANKMENT IN-PLACE	CY	12,465	0	0
P-152b	EMBANKMENT IN-PLACE FROM OFF-SITE	CY	2,035	0	0
F-160a	FENCE, CLASS B (4-STRAND BARB WIRE, WOOD POSTS)	LF	0	0	85
MO-209a	CRUSHED AGGREGATE BASE COURSE	SY	1,550	0	0
MO-401Fa	BITUMINOUS ASPHALT PAVEMENT	TON	630	0	0
P-603a	EMULSIFIED ASPHALT TACK COAT	GAL	430	0	0
MO-609a	TYPE 4 ROCK DITCH LINER	CY	65	0	0
D-701a	24 INCH REINFORCED CONCRETE PIPE	LF	100	0	0
T-901a	SEEDING WITH HYDROMULCH	AC	4.5	11	0
MO-903a	STOP SIGN, 36 in. (R1-1)	EA	1	0	0
MO-903b	12 GA. PERFORATED SQUARE STEEL TUBE POST, 2.5 in., WITH 7 GA. POST ANCHOR AND CONCRETE FOOTING (FOR STOP SIGN)	EA	1	0	0
MO-903c	ROAD CLOSED, 30 in. X 48 in. (R11-2) WITH FASTENERS	EA	0	0	2
MO-903d	RELOCATE EXISTING AIRPORT SIGN ASSEMBLY ON TWO WOODEN BREAKAWAY POSTS	LS	1	0	0
SCHEDULE II ALTERNATE					
P-151e	TREE CLEARING	AC	0	12	0

- Full 10H Federal Aviation Administration (FAA) and MoDOT Highway Specifications.  
*There are some differences from the 10G.*

### 3. BID OPENING DATE & TIME

- A. Date: Friday, January 17, 2020 at 10:30 A.M. (Local Time)
- B. Mailed to: Washington County  
ATTN: Jeanette Allen  
102 N. Missouri Street  
Potosi, MO, 63664
- C. Opened at: Washington County  
102 N. Missouri Street  
Potosi, MO, 63664

D. Bid security: 5% of bid amount – Section 1-2, Bid Security and Section 2-1, Item 4.

E. Bid proposal: Section B (print, fill out, and submit Section B-1 thru B-21 pages).  
Make sure to fill out bid proposal forms correctly and include all requested attachments. Make sure to attach the E-verify and check mark the boxes on page B-7.

#### 4. DBE GOALS

A. **10.0%** of Contract Amount. DBE firms must be currently certified by the Missouri Department of Transportation (MoDOT), City of St. Louis, Metro, City of Kansas City, and Kansas City Area Transportation Authority. Eligible firms can be found on MoDOT's Office of External Civil Rights webpage at <http://www.modot.org/dbe-program>.

Make sure to meet the DBE goal. Keep any DBE correspondence/documentation to show Good Faith Effort. At the end of the project it will be evaluated by MoDOT ECR to make sure it was met.

#### 5. QUALIFICATION OF BIDDERS

A. Qualifications shall be furnished per Section 20-02 of the General Provisions and as stated in paragraph 2 of Section 2, Instructions to Bidders. Each bidder shall furnish the Owner satisfactory evidence of his or her competency and financial responsibility to perform the proposed work. This includes resumes of key personnel, equipment list and a list detailing experience on similar construction projects.

#### 6. CRITICAL CONTRACT DATES

A. Contract Award: Spring 2020

a. The signature of the bidder on the proposal form indicates that within thirty (30) calendar days from acceptance of its bid offer it will execute a contract with the Owner and, if indicated in this solicitation, furnish a project specific Certificate of Insurance naming the Owner as Additional Insured, furnish Performance and Payment Bonds and any other documents required by the Contract Documents.

**B. Notice to Proceed: Spring 2020**

**C. Clearing and topping trees for Schedule II must be completed before March 31, 2020.** Any Schedule II work that is within the 60 calendar days and not completed before March 31<sup>st</sup> must continue work after November 1, 2020.

**D. Project Time: ~~142 Calendar Days~~ 135 calendar days for Schedule I, 60 calendar days for Schedule II, and 7 calendar days for Schedule III.** Refer to Section 80-08 for more information.

#### 7. BONDING

A. Payment Bond: Section 30-05 and 30-06, 100% of Bid Amount.

B. Performance Bond: Section 30-05 and 30-06, 100% of Bid Amount.

#### 8. INSURANCE REQUIREMENTS

Refer to Section 4, Part C Local Provisions, Item 10 Insurance.

A. The Contractor shall pay for and maintain during the life of this contract adequate Workmen's Compensation, Public Liability and Property Damage Insurance. The Contractor is charged with the responsibility for adequate and proper coverage for all his subcontract operations. Contractor shall furnish to the Sponsor satisfactory proof of carriage of the insurance required.

#### 9. FEDERAL WAGE RATES (DAVIS BACON ACT)

- A. Federal and state wage rates are required for this project. Refer to Section 4, Part D Federal and State Wage Rates.  
*The Federal wage rate has changed and will be attached in the addendum.*

**10. CONSTRUCTION SAFETY AND PHASING PLAN (CSPP)**

- A. Construction Safety and Phasing Plan (CSPP) – Refer to Appendix B.
- B. The Contractor shall review and adhere to the CSPP prepared by the Engineer.
- C. **The Contractor shall submit a Safety Plan Compliance Document (SPCD)** (Refer to Appendix A and B) to the engineer and airport operator for approval PRIOR to the issuance of Notice to Proceed as required by FAA Advisory Circular (AC) 150/5370-2G “Operational Safety on Airports During Construction”.

**11. LIQUIDATED DAMAGES**

Section 80-08 and Section 4, Part C, Local Provisions, Item 17.

As compensation for non-use, the Contractor shall be assessed a liquidated damage of **\$750/Calendar Day** over the completion date for each day that the work remains uncompleted beyond the contract period. As compensation for expenses incurred for unscheduled employment of the Engineer, up to **\$1,400/Day** for the construction manager plus any incurred expenses (per diem, lodging, etc.) may be charged to the Contractor for that time which exceeds the completion date. The Engineer will likely only be on site for part time inspection, so it is not anticipated that the Contractor would be charged for every day. Further, each phase of work under the project has additional liquidated damage clauses, as outlined in **Section 80-08 FAILURE TO COMPLETE ON TIME.**

Section 80-08 FAILURE TO COMPLETE ON TIME.

SCHEDULE	LIQUIDATED DAMAGES COST	ALLOWED CONSTRUCTION TIME
Schedule I	\$750 / Calendar Day(s)	135 Calendar Days
Schedule II	\$750 / Calendar Day(s)	60 Calendar Days*
Schedule III	\$750 / Calendar Day(s)	7 Calendar Days

\*Clearing and topping trees for Schedule II must be completed before March 31, 2020 or between November 1, 2020 and December 31, 2020.

~~Construction for must be completed within 142 calendar days.~~

*This section has changed from what is in the contract documents and will be updated in the addendum.*

**12. PROJECT PHASING**

- A. Schedule I, Phase 1 & 1A – 135 Calendar Days
- B. Schedule II, Phase 1 & 1A – 60 Calendar Days concurrent with Schedule I
- C. Schedule III, Phase 2 – 7 Calendar days to start after the completion of Schedule I

**13. MISCELLANEOUS**

- A. Airport Security- Contractor is required to monitor radios during construction. Radios for the project to be provided by Contractor.
- B. Review Construction Layout and Safety Drawings G050 thru G054 – note the Staging Area.
- C. Contractor shall stay within project boundaries.
- D. The Contractor must have an approved MoDOT highway permit prior to starting work inside Highway 8 Right-of-Way. *Jviation will provide a contact once the project is awarded.*
- E. **Contractor’s Quality Control Program** - Refer to Section 100 (Section 3-51), and Section 4, Part C, Local Provisions, Item 5.

- F. Acceptance Testing shall be the responsibility of the Engineer - Refer to Section 4, Part C, Local Provisions, Item 18.
- G. Survey requirements – Refer to Section 50-06 of General Provisions; Section 4, Part C, Local Provisions, Item 19.
- H. **Construction Management Plan** submitted by Contractor. See Section 4, Part C, Local Provisions, Item 20.
- I. Haul Route- the Contractor shall be responsible for any damage to existing facilities or roads regardless of legal load. Repairs shall be made at no additional cost to the sponsor. Haul route is shown on the phasing sheet. Refer to Section 4, Part C, Local Provisions, Item 1.
- J. Questions will be taken via written format to Jviation, Inc. until **Monday, January 13, 2020 4:00 p.m. (CST)**. E-mail comments will be accepted to [laura.riegel@jviation.com](mailto:laura.riegel@jviation.com). However, detailed questions should be submitted as early as possible or they may not be answered in time to make it into the final addendum.
  - After the project is awarded, submittals will have to be reviewed promptly.
  - The Airport Manager will be responsible to submit any NOTAM's for the project.

## 14. ADDENDUM UPDATE

-Federal Wage Rates have changed, the updated wage rate will be in an addendum.

~~-Project completion within 142 calendar days,~~ The project shall be completed within 135 calendar days for Schedule I, 60 calendar days for Schedule II (which may be concurrent with Schedule I), and 7 calendar days for Schedule III, not completion date of June 5, 2020.

-The quantities in section 1-2 of the Contract Documents will be updated and attached in the addendum.

-Pre-bid meeting minutes and attendance will be distributed as an addendum. Any further addendums, including question responses would be issued no later than Tuesday, January 14, 2020 at 4:00 p.m.

The plan holders list will be attached in the agenda and is also available on the bid site.

Make sure to check the Jviation bid site for Addenda.

## 15. QUESTIONS/ANSWERS

## 16. PROJECT SITE TOUR

The landowner to the northwest of the runway end has requested that no damage be made to the vinyl fence when removing those trees along the fence.

As long as trees are cut down by March 31, 2020, additional work to haul the trees off-site may be made after March 31<sup>st</sup>.





931 Wildwood Drive, Suite 101  
 Jefferson City, MO 65109  
 Phone: 573.636.3200  
 Fax: 573.636.3201

## Pre-Bid Meeting Sign In

Meeting Date / Location: January 8, 2020/Washington County Airport

Project Name: Schedule I: Access Road Relocation  
 Schedule II: Obstruction Removal  
 Schedule III: Existing Access Removal

Time: 1:00 p.m.

MoDOT Project #: 19-060A-1

Name	Company	Telephone No.	E-mail
Laura Riegel ✓	Jviation, Inc	573-658-9477	<a href="mailto:laura.riegel@jviation.com">laura.riegel@jviation.com</a>
Joe Pestka ✓	Jviation, Inc	573-658-9475	<a href="mailto:joe.pestka@jviation.com">joe.pestka@jviation.com</a>
Mark Lovato <i>Collin</i>	Jviation, Inc	303-524-3034	<a href="mailto:mark.lovato@jviation.com">mark.lovato@jviation.com</a>
<i>GLENN BARKER</i>	<i>STK KCAVATIA</i>	<i>573-210-8116</i>	
<i>Edward Albornoz</i>	<i>STK Global Group</i>	<i>618-309 2752</i>	<i>eduard@globalgroup.biz</i>
<i>Gene Stroup</i>	<i>Pierce Asphalt</i>	<i>573.465.8534</i>	<i>gstroup.pierceasphalt@gmail.com</i>
<i>DEVIN SPURBECK</i>	<i>DOX M4661XC.</i>	<i>573-364-7733</i>	<i>SPURBECK2996@GMAIL.COM</i>
<i>Darrell B. GOTH</i>	<i>MoDOT</i>	<i>573-526-7913</i>	<i>darrell.goth@modot.mo.gov</i>
<i>MARK HUBER</i>	<i>JOKERST PAVING</i>	<i>314-250-9494</i>	<i>estimating@jokers paving.com</i>
<i>Rich Gowen</i>	<i>W.B. WEST</i>	<i>314-799-1519</i>	<i>rgowen@yahoo.com</i>
<i>Travis Hodge</i>	<i>Travis Hodge Hauling LLC</i>	<i>573-280-7759</i>	<i>thhe@windstream.net</i>
<i>KIRK MCELRATH</i>	<i>AIRPORT BOARD member</i>	<i>573-760-4544</i>	<i>KMCELRATH@YAHOO.COM</i>
<i>KRISTA SNYDER</i>	<i>WC-IDA</i>	<i>573-438-6196</i>	<i>ksnydere@washington.comu.com</i>
<i>Danny Wilson</i>	<i>Wash. Co. Airport</i>	<i>573-438-3582</i>	<i>dwilson@washco.mo.us</i>

Washington County Airport  
MoDOT 19-060A-1 Access Road Relocation, Obstruction Removal, Existing Access Removal  
Plan Holder's List

ROLE	Company Name	CONTACT	STREET ADDRESS	CITY	STATE	ZIP	TELEPHONE NO.	EMAIL ADDRESS	FAX NUMBER	
1	Jviation	Jviation, Inc.	Mark Lovato	900 S. Broadway, Ste. 350	Denver	CO	80209	303-524-3034	<a href="mailto:mark_lovato@jviation.com">mark_lovato@jviation.com</a>	
2	Jviation	Jviation, Inc.	Joe Pestka	931 Wildwood Dr, Ste. 101	Jefferson City	MO	65109	573-658-9475	<a href="mailto:joe_pestka@jviation.com">joe_pestka@jviation.com</a>	
3	DOT	MoDOT	Andrew Hanks							
4	Airport	Washington County Airport	Sam Rhodes							
5	Plan Room	Construct Connect	Brad Metzger	3825 Edwards Road Suite 800	Cincinnati	OH	45209	800-364-2059	<a href="mailto:brad.metzger@constructconnect.com">brad.metzger@constructconnect.com</a>	
6	Prime	O6 Environmental	Rob Jenkins	6311 Bartmer Industrial Dr	St Louis	MO	63130	(314) 250-3925	<a href="mailto:rob.jenkins@o6env.com">rob.jenkins@o6env.com</a>	
7	Prime	WG Land Company, LLC	Kathy King	2023 County Line Road	Champion	PA	156722	(724) 593-8351	<a href="mailto:kathy@wglndco.com">kathy@wglndco.com</a>	(724) 593-8451
8	Prime	Pierce Asphalt LLC	Gene Stroup	PO Box 696	Rolla	MO	65402	(573) 465-8534	<a href="mailto:gstroup@pierceasphalt.com">gstroup@pierceasphalt.com</a>	
9	Plan Room	ePlan	Amber Cox	1400 Forum Blvd Ste 7B	Columbia	MO	65203	573-447-7130	<a href="mailto:eplan@eplanbidding.com">eplan@eplanbidding.com</a>	573-355-5404
10	Prime	Hilltop Paving Inc	Charles Boburka	P.O. Box 292	Presto	PA	15142	(412) 279-4477	<a href="mailto:Hilltoppaving@verizon.net">Hilltoppaving@verizon.net</a>	(412) 221-8008
11	Prime	Donald Maggi Inc.	Rachel Benton	P.O. Box 66 / 13104 Hwy 63 S	Rolla	MO	65402	573-364-7733	<a href="mailto:maggiconst@gmail.com">maggiconst@gmail.com</a>	573-341-5065
12	Prime	SKK Excavating	Shawn Barker	10270 Ridgeway Road	Potosi	MO	63664	(573) 210-8116	<a href="mailto:Barkershawn@yahoo.com">Barkershawn@yahoo.com</a>	
13	Prime	Mullen Excavating Inc	Kevin Mullen	278 GREEN VALLEY RD	Cecil	PA	15330	(724) 825-2002	<a href="mailto:kevin@mullenexcavating.com">kevin@mullenexcavating.com</a>	
14	Prime	H R Quadri Contractors LLC	Steve Bubanovich	73039 Hwy 21	Van Buren	MO	63965	573-945-2224	<a href="mailto:sherryn@hrquadri.com">sherryn@hrquadri.com</a>	573-945-2226
15	Prime	Jokerst Paving & Contracting, Inc.	Nicole Krodinger	12132 State Highway CC	Festus	MO	63028	(636) 937-7101	<a href="mailto:nicole@jokerstpaving.com">nicole@jokerstpaving.com</a>	(636) 937-8685
16	Sub	Vern Bauman Contracting	Brad Bauman	21471 Hwy 32	Sainte Genevieve	MO	63670	(573) 883-7444	<a href="mailto:bradbauman@att.net">bradbauman@att.net</a>	(573) 883-7445
17	Airport	Washington County Airport	Danny Wilson	10351 Airport Rd.	Mineral Point	MO	63660	(573) 438-3582	<a href="mailto:dwilson@washcom.us">dwilson@washcom.us</a>	
18	Prime	Morgan Excavating	Deanna Hager	15 Arentzen Blvd.	Charleroi	PA	15022	(724) 872-6589	<a href="mailto:info@morganexcavating.com">info@morganexcavating.com</a>	(724) 872-2589
19	Prime	Brockmiller Construction, Inc.	William Giessing	14 N. Middle St. / P.O. Box 387	Farmington	MO	63640	573-756-2516	<a href="mailto:biddoc@brockmillerconstruction.com">biddoc@brockmillerconstruction.com</a>	573-756-8475
20	Prime	Cary Stewart Construction	Cary Stewart	1106 N Garfield	West Plains	MO	65775	417-256-7777	<a href="mailto:stewartbrothers@centurytel.net">stewartbrothers@centurytel.net</a>	417-256-9227
21	Prime	Pace Construction Company	Christopher Finn	1620 Woodson Road	St. Louis	MO	63114	314-524-7223	<a href="mailto:cfinn@paceconstructionstl.com">cfinn@paceconstructionstl.com</a>	314-991-5183
22	Prime	DJM Ecological Services - Wentzville, MO	Becky McMahon	4630 West Florissant	Saint Louis	MO	63115	(314) 278-5591	<a href="mailto:bmcMahon@djmecological.com">bmcMahon@djmecological.com</a>	
23	Prime	CSD Environmental Services, Inc.	Frank Pinkley	1409 Washington Ave, Suite 517	St. Louis	MO	63103	(314) 435-4720	<a href="mailto:frank@csdenviron.com">frank@csdenviron.com</a>	
24	Prime	Travis Hodge Hauling, LLC	Travis Hodge	PO BOX 1064	Lake Ozark	MO	65049	(573) 793-6600	<a href="mailto:thhe@windstream.net">thhe@windstream.net</a>	(573) 793-6603
25	Prime	NB West Contracting	Justin Zimpfer	2780 Mary Ave.	St. Louis	MO	63144	(314) 210-3356	<a href="mailto:jzimpfer@nbwest.com">jzimpfer@nbwest.com</a>	