JVIATION®

January 21, 2014

To: Plan Holders for Improvements to the
Springfield-Branson National Airport
Springfield, Missouri
MoDOT Project No. AIR 126-092A1
West Kearney Terminal Parking Lot and GA Redevelopment

Transmitted herewith is **Addendum No. 3** to the Contract Documents, Plans and Specifications dated December 9, 2013 for Improvements to the Springfield-Branson National Airport, Springfield, Missouri, MoDOT Project No. AIR 126-092A1.

SCHEDULE I:
General Aviation Apron Redevelopment – Grading and Utilities Only

SCHEDULE II:
West Kearney Terminal Parking Lot

SCHEDULE III:
General Aviation Apron Redevelopment – Concrete Apron

SCHEDULE IV:
General Aviation Apron Redevelopment – Asphalt Access Road and Parking

SCHEDULE V:
General Aviation Apron Redevelopment – Concrete Apron

SCHEDULE VI:
General Aviation Apron Redevelopment – Concrete Apron

SCHEDULE VII:
Airport Lighted Beacon

Sincerely,

Jviation, Inc.

Mark J. Lovato, P.E.
Project Manager

Main 303.524.3030
Fax 303.524.3031
900 S. Broadway | Suite 350 | Denver, CO | 80209
ENGINEERING & PLANNING
JVIATION.COM

ADDENDUM NO. 3
TO
CONTRACT DOCUMENTS, PLANS AND SPECIFICATIONS
FOR IMPROVEMENTS TO THE
SPRINGFIELD-BRANSON NATIONAL AIRPORT
SPRINGFIELD, MISSOURI
MoDOT PROJECT NO. AIR 126-092A1

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, Plans and Specifications are modified as follows as of January 21, 2014:

1. Contract Documents (Volume 1)

Section: (Volume 1)
Page: Section 3-39
Line: 2019 and 2020
Revision: Revised sentence to read the following: "The Contractor shall perform, with his organization, an amount of work equal to at least 30 percent of the total contract cost."

Section: (Volume 1)
Page: Section 4-37
Line: 4966 and 4977
Revision: Revised sentence to read the following: "The Contractor shall perform, with his organization, an amount of work equal to at least 30 percent of the total contract cost."

Section: (Volume 1) Part D Federal and State Wage Rates
Page: Section 4-47
Revision: Replace existing Federal Wage Rates dated 11/01/2013 with the attached Federal Wage Rates dated 1/10/2014.

Section: (Volume 1) Construction Safety and Phasing Plan
Page: Plan Sheet G017 and G018
Revision: Replace existing plan sheets G017 and G018 of the Construction Safety and Phasing Plan. See attached sheets that are noted in the plans section of this document.

Section: B (Volume 1)
Page: B-2.21a, 2.23a and 2.24a
Revision: Bid Items for Schedule V and Schedule VI were revised. See attached pages.

2. Plans

Sheet: G003
Sheet No.: 3 of 125
Revision: See attached revised sheets dated 01/21/2014.

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Sheet: G004
Sheet No.: 4 of 125
Revision: See attached revised sheets dated 01/21/2014.

Sheet: G005
Sheet No.: 5 of 125
Revision: See attached revised sheet dated 01/21/2014.

Sheet: G017
Sheet No.: 17 of 125
Revision: See attached revised sheet dated 01/21/2014. This sheet is to be replaced in the Construction Drawings and Construction Safety and Phasing Plan.

Sheet: G018
Sheet No.: 18 of 125
Revision: See attached revised sheet dated 01/21/2014. This sheet is to be replaced in the Construction Drawings and Construction Safety and Phasing Plan.

3. <u>Questions</u>

a) Where is the topsoil located?
   a. The topsoil is located south of the Consolidated Rental Car Facility, between Highway EE and the Airport Exit Road.

b) Please clarify question "j)" of Addendum No. 2 regarding the amount of work the Prime Contractor shall complete, to meet the DBE goal, the minority participation, and female participation?
   a. This answer supersedes the question "j)" of Addendum No. 2.

      The Contractor shall perform, with his organization, an amount of work equal to at least 30 percent of the contract. See revised pages Section 3-39 and Section 4-37 that are attached to this document.

      The DBE goal is 8.3%, the minority participation for each trade is 2.0%, and female participation for each trade is 6.9% as outlined in Section 1-3 of the Contract Documents. For bidding purposes the Contractor shall associate all goals and requirements to include any combination of the Schedules. The percentage shall be based on the total dollar value of all schedules. If one or a combination of the Schedules is not awarded and the DBE Goal is less than 8.3%, the Contractor shall provide documentation and/or Good Faith Effort as outlined in Section 4-30, prior to notice to proceed.

c) I am finding some variations in the bid form versus the plan sheets, specifically schedule 5 and 6 on the proposed pavement thicknesses. I see that Schedule 5 bid form is for 6" PCCP where the plans indicate that this is 11" PCCP, furthermore Schedule 6 has the same issue only reversed. I also note some possible errors in the "Overall Schedule & Phasing" Plan Sheets regarding this phase 5 & 6 work.
   a. See revised Sheet G003, G004, G017 and G018. See revised Proposal pages B-2.21a, B-2.23a and B-2.24a.

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d) Per MoDOT 720-.3.1, will another mechanically stabilized earth wall systems shown in the bridge prequalified product listing be permitted for use?
   a. No, only the prequalified products will be permitted.

e) Several Contractors have requested the previous Bid Tabulations dated August 5, 2013?
   a. Attached are the previous Bid Tabulations. The Contractor shall be aware this project was not awarded and the scope of the project has changed.

Attachments:
- Revised Contract Documents and Construction Drawing
- Federal Wage Rates
- Bid Tabulations

**** END OF ADDENDUM NO. 3 ****

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SECTION 80
PROSECUTION AND PROGRESS

80-01 SUBLETTING OF CONTRACT. The Owner will not recognize any subcontractor on the work. The Contractor shall at all times when work is in progress be represented either in person, by a qualified superintendent, or by other designated, qualified representative who is duly authorized to receive and execute orders of the Engineer.

Should the Contractor elect to assign his/her contract, said assignment shall be concurred in by the surety, shall be presented for the consideration and approval of the Owner, and shall be consummated only on the written approval of the Owner. In case of approval, the Contractor shall file copies of all subcontracts with the Engineer.

The Contractor shall perform, with his organization, an amount of work equal to at least 30 percent of the total contract cost.

80-02 NOTICE TO PROCEED. The notice to proceed shall state the date on which it is expected the Contractor will begin the construction and from which date contract time will be charged. The Contractor shall begin the work to be performed under the contract within 10 days of the date set by the Engineer in the written notice to proceed, but in any event, the Contractor shall notify the Engineer at least 24 hours in advance of the time actual construction operations will begin.

80-03 PROSECUTION AND PROGRESS. Unless otherwise specified, the Contractor shall submit his/her progress schedule for the Engineer's approval within 10 days after the effective date of the notice to proceed. The Contractor's progress schedule, when approved by the Engineer, may be used to establish major construction operations and to check on the progress of the work. The Contractor shall provide sufficient materials, equipment, and labor to guarantee the completion of the project in accordance with the plans and specifications within the time set forth in the proposal.

If the Contractor falls significantly behind the submitted schedule, the Contractor shall, upon the Engineer's request, submit a revised schedule for completion of the work within the contract time and modify his/her operations to provide such additional materials, equipment, and labor necessary to meet the revised schedule. Should the prosecution of the work be discontinued for any reason, the Contractor shall notify the Engineer at least 24 hours in advance of resuming operations.

For AIP contracts, the Contractor shall not commence any actual construction prior to the date on which the notice to proceed is issued by the Owner.

80-04 LIMITATION OF OPERATIONS. The Contractor shall control his/her operations and the operations of his/her subcontractors and all suppliers so as to provide for the free and unobstructed movement of aircraft in the AIR OPERATIONS AREAS of the airport.

When the work requires the Contractor to conduct his/her operations within an AIR OPERATIONS AREA of the airport, the work shall be coordinated with airport operations (through the Engineer) at least 48 hours prior to commencement of such work. The Contractor shall not close an AIR OPERATIONS AREA until so authorized by the Engineer and until the necessary temporary marking and associated lighting is in place as provided in the subsection titled BARRICADES, WARNING SIGNS, AND HAZARD MARKINGS of Section 70.

When the contract work requires the Contractor to work within an AIR OPERATIONS AREA (AOA) of the airport on an intermittent basis (intermittent opening and closing of the AIR OPERATIONS AREA),

However, such materials will be subject to any Sales and Use Taxes imposed by local cities and counties. This change in the State Tax Law has no effect of Sales and Use Taxes imposed by other local taxing authorities. Contractor shall provide proof of exemption prior to commencing work.

14. PERMITS AND COMPLIANCE WITH LAWS:

The Contractor shall procure and pay for all permits, licenses, and bonds necessary for the prosecution of his work, and/or required by Local, State, and Federal regulations and laws, as pertains particularly to permits and transportation of materials and equipment, or other operations which are not a specific requirement of these specifications. The Contractor shall give all notices, pay all fees and taxes, and comply with all Federal, State, and Local laws, ordinances, rules, and regulations, and building and construction codes bearing on the conduct of the work.

15. EXECUTED CONTRACTS:

Each contract shall be executed in six original copies and there shall be executed originals of the Contractor's Performance Bond and Payment Bond in equal number to the executed originals of the contract. Four copies of such executed documents will be retained by City of Springfield, Airport Board and two copies will be delivered to the Contractor. The cost of executing the Contract, bonds and insurance, including all notary fees and incidental expenses are to be paid by the Contractor to whom the contract is awarded.

16. SUBLETTING OR ASSIGNING OF CONTRACTS:

The Contractor shall perform, with his organization, an amount of work equal to at least 30 percent of the total contract cost. No assignment by the Contractor of any principal construction contract or any part thereof or of the funds to be received thereunder by the Contractor will be recognized unless such assignment has received the prior written approval of the Sponsor, which shall be at Sponsor's sole discretion, and the Surety has been given due notice of such assignment and has also consented in writing thereto.

Such written approval of the Sponsor shall not relieve the Contractor of any obligation incurred by him, under the contract, unless otherwise expressly stated in the approval.

The following language must appear in any assignment:

"It is agreed that the funds to be paid to the assignee under this assignment are subject to a prior lien for services rendered or materials supplied for the performance of the work called for in said contract in favor of all persons, firms, or corporations rendering such services or supplying such materials."

17. QUALIFICATION OF DISADVANTAGED BUSINESS ENTERPRISES:

A Contractor, or subcontractor, will be considered as certified if that company has received a letter of certification from an organization, whose procedures for certifying business, is acceptable to the FAA.

A Contractor is permitted to use 100 percent of the Contract amount for the unit of work if the Contractor, or subcontractor, performs the construction, installation, rehabilitation, etc. of that work item(s).

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General Decision Number: MO140001 01/10/2014 MO1

Superseded General Decision Number: MO20130001

State: Missouri

Construction Types: Heavy and Highway

Counties: Missouri Statewide.

HEAVY AND HIGHWAY CONSTRUCTION PROJECTS

Modification Number	Publication Date
0	01/03/2014
1	01/10/2014

CARP0002-002 05/01/2010

ST. LOUIS COUNTY AND CITY

	Rates	Fringes
Carpenters	$ 32.78	12.25

CARP0005-006 04/01/2008

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

	Rates	Fringes
Carpenters:		
CARPENTERS & LATHERS	$ 33.00	12.03
MILLWRIGHTS & PILEDRIVERS	$ 33.00	12.03

CARP0011-001 05/01/2011

	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	$ 28.57	11.00
ATCHISON, ANDREW, BATES, CALDWELL, CARROLL,DAVIESS, DEKALB,GENTRY, GRUNDY, HARRISON, HENRY, HOLT, LIVINGSTON, MERCER, NODAWAY,ST. CLAIR, SALINE AND WORTH COUNTIES	$ 27.67	10.55
AUDRAIN (East of Hwy.19),		

RALLS, MARION, LEWIS, CLARK AND SCOTLAND COUNTIES.	$ 28.83	13.05
BARRY, BARTON, CAMDEN, CEDAR, CHRISTIAN, DADE, DALLAS, DOUGLAS, GREENE, HICKORY,JASPER, LACLEDE, LAWRENCE, MCDONALD, NEWTON, OZARK, POLK, STONE, TANEY, VERNON, WEBSTER AND WRIGHT COUNTIES.	$ 27.32	10.55
BENTON, MORGAN AND PETTIS...	$ 27.27	11.00
BOLLINGER, BUTLER, CAPE GIRARDEAU, DUNKLIN, MISSISSIPPI, NEW MADRID, PEMISCOT, PERRY, STE. GENEVIEVE, SCOTT, STODDARD AND WAYNE COUNTIES.....	$ 28.67	13.07
BUCHANAN, CLINTON, JOHNSON AND LAFAYETTE COUNTIES.....	$ 28.32	10.55
CARTER, HOWELL, OREGON AND RIPLEY COUNTIES.....	$ 27.75	13.07
CRAWFORD, DENT, GASCONADE, IRON, MADISON, MARIES, MONTGOMERY, PHELPS, PULASKI, REYNOLDS, SHANNON AND TEXAS COUNTIES.....	$ 28.68	13.05
FRANKLIN COUNTY.....	$ 31.23	13.05
JEFFERSON AND ST. CHARLES COUNTIES.....	$ 33.38	13.05
LINCOLN COUNTY.....	$ 30.34	13.05
PIKE, ST. FRANCOIS AND WASHINGTON COUNTIES.....	$ 29.39	13.05
WARREN COUNTY.....	$ 30.73	13.05

ELEC0001-002 06/01/2012

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.....	$ 31.75	22.37

ELEC0002-001 09/01/2013

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	$ 34.26	29.5%+5.00
Groundman & Truck Driver	$ 26.49	29.5%+5.00
Lineman & Cable Splicer	$ 39.69	29.5%+5.00

ELEC0053-004 09/02/2012

	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	$ 25.88	13.93
Groundman	$ 24.46	29.5%+6.22
Lineman Operator	$ 35.82	29.5%+6.79
Lineman	$ 37.84	29.5%+6.89
Line Construction; (BATES, BENTON, CARROLL, CASS, CLAY, HENRY, JACKSON, JOHNSON, LAFAYETTE, PETTIS, PLATTE, RAY AND SALINE COUNTIES)		
Groundman Powderman	$ 26.84	14.26
Groundman	$ 25.95	29.5%+6.30
Lineman Operator	$ 36.54	29.5%+6.83
Lineman	$ 39.17	29.5%+6.96

ELEC0095-001 06/01/2013

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

	Rates	Fringes
Electricians:		
Cable Splicers	$ 25.40	3%+16.82
Electricians	$ 25.05	3%+16.82

ELEC0124-007 09/02/2013

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

	Rates	Fringes

Electricians.....$ 35.23 19.53

ELEC0257-003 03/01/2013

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.....	$ 30.78	13.19

ELEC0350-002 12/01/2012

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.....	$ 29.00	15.50

ELEC0453-001 09/01/2012

	Rates	Fringes
Electricians:		
CHRISITAN, DALLAS, DOUGLAS, GREENE, HICKORY, HOWELL, LACLEDE, OREGON, OZARK, POLK, SHANNON, WEBSTER and WRIGHT COUNTIES.	$ 24.00	14.00
PULASKI and TEXAS COUNTIES..	$ 28.65	14.47
STONE and TANEY COUNTIES....	$ 19.79	13.18

ELEC0545-003 06/01/2011

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

	Rates	Fringes
Electricians:.....	$ 31.00	12.22

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* ELEC0702-004 07/01/2013

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

	Rates	Fringes
Line Construction:		

Groundman - Class A	$ 25.51	29%+5.76
Groundman-Equipment Operator Class II (all other equipment)	$ 32.28	29%+5.76
Heavy-Equipment Operator Class I (all crawler type equipment D-4 and larger)	$ 36.77	29%+5.76
Lineman	$ 44.73	29%+5.76

ENGI0101-001 05/01/2013

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 COUNITES

	Rates	Fringes
Power equipment operators:		
GROUP 1	$ 31.49	14.71
GROUP 2	$ 31.09	14.71
GROUP 3	$ 29.09	14.71

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) Oiiler 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.)

ENGI0101-005 04/01/2013

CASS, CLAY, JACKSON,PLATTE AND RAY COUNTIES

	Rates	Fringes
Power equipment operators:		
GROUP 1	$ 33.88	14.83
GROUP 2	$ 32.84	14.83
GROUP 3	$ 31.72	14.83
GROUP 4	$ 30.97	14.83

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.

ENGI0101-022 05/01/2013

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	$ 28.53	12.49
GROUP 2	$ 28.18	12.49
GROUP 3	$ 27.98	12.49
GROUP 4	$ 25.93	12.49

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 guage; 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.).

ENGI0513-004 05/06/2013

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

	Rates	Fringes
Power equipment operators:		
GROUP 1	$ 30.51	23.35
GROUP 2	$ 30.51	23.35
GROUP 3	$ 29.21	23.35
GROUP 4	$ 28.76	23.35

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 Spreaker; 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 selfpropelled) hoisting or moving brick and concrete into, or into and on floor level, one or both; Crane, Cimbing (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 souces including concrete breakers, jackhammers and Barco equipmnet 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 conjenction 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

ENGI0513-006 05/01/2013

ADAIR, AUDRAIN, BOLLINGER, BOONE, BUTLER, CALLAWAY, CAPE GIRARDEAU, CARTER, CLARK, COLE, CRAWFORD, DENT, DUNKLIN, GASCONADE, HOWELL, IRON, KNOX, LEWIS, MACON, MADISON, MARIES, MARION, MILLER, MISSISSIPPI, MONITEAU, MONROE, MONTGOMERY, MORGAN, NEW MADRID, OREGON, OSAGE, PEMISCOT, PERRY, PHELPS, PIKE, PULASKI, PUTNAM, RALLS, RANDOLPH, REYNOLDS, RIPLEY, ST. FRANCOIS, STE. GENEVIEVE, SCHUYLER, SCOTLAND, SCOTT, SHANNON,

SHELBY, STODDARD, TEXAS, WASHINGTON, AND WAYNE COUNTIES

	Rates	Fringes
Power equipment operators:		
GROUP 1	$ 26.09	23.32
GROUP 2	$ 25.74	23.32
GROUP 3	$ 25.54	23.32
GROUP 4	$ 21.89	23.32

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;

ENGI0513-007 05/06/2013

ST. LOUIS CITY AND COUNTY

	Rates	Fringes
Power equipment operators:		
GROUP 1	$ 30.51	23.35
GROUP 2	$ 30.51	23.35
GROUP 3	$ 29.21	23.35
GROUP 4	$ 28.76	23.35

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 nd 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

IRON0010-012 04/01/2013

	Rates	Fringes
Ironworkers:		
ANDREW, ATCHISON, BARTON, BATES, BENTON, CALDWELL, CAMDEN, CARROLL, CEDAR, CHARITON, CHRISTIAN, CLINTON, COOPER, DADE, DALLAS, DAVIESS, DE KALB, GENTRY, GREENE, GRUNDY, HARRISON, HENRY, HICKORY, HOLT, HOWARD, LACLEDE, LINN, LIVINGSTON, MERCER, MONITEAU, MORGAN, NODAWAY, PETTIS, POLK, PUTNAM, RANDLOPH, ST. CLAIR, SALINE, SULLIVAN, TANEY, VERNON, WEBSTER, WRIGHT and WORTH Counties and portions of ADAIR, BOONE, MACON, MILLER and RANDOLPH Counties	$ 26.90	26.10
BUCHANAN, CASS, CLAY, JACKSON, JOHNSON, LAFAYETTE, PLATTE AND RAY Counties	$ 29.90	26.10

IRON0321-002 08/01/2012

DOUGLAS, HOWELL and OZARK COUNTIES

	Rates	Fringes
Ironworker	$ 18.40	14.68

IRON0396-004 08/01/2012

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	$ 32.28	20.31

IRON0396-009 08/01/2012

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	$ 27.81	20.31

IRON0577-005 08/01/2012

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

	Rates	Fringes
Ironworker	$ 24.44	17.31

IRON0584-004 06/01/2013

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

	Rates	Fringes
Ironworkers:	$ 23.10	12.88

IRON0782-003 08/01/2013

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	$ 29.39	18.79
All Other Work	$ 24.12	18.79

LABO0042-003 03/06/2013

ST. LOUIS (City and County)

	Rates	Fringes
LABORER		
Plumber Laborer	$ 29.52	13.22

LABO0042-005 03/08/2013

ST. LOUIS (City and County)

	Rates	Fringes

LABORER

Dynamiter, Powderman	$ 29.90	13.22
Laborers, Flaggers	$ 29.52	13.22
Wrecking	$ 29.40	13.22

LABO0424-002 05/01/2009

	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	$ 24.56	9.29
GROUP 2	$ 25.16	9.29
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	$ 24.56	9.29
GROUP 2	$ 25.16	9.29
FRANKLIN COUNTY		
GROUP 1	$ 26.01	9.29
GROUP 2	$ 26.61	9.29
JEFFERSON COUNTY		
GROUP 1	$ 26.06	9.29
GROUP 2	$ 26.66	9.29
LINCOLN, MONTGOMERY AND WARREN COUNTIES		
GROUP 1	$ 24.81	9.29
GROUP 2	$ 25.41	9.29
ST.CHARLES COUNTY		
GROUP 1	$ 27.33	9.29
GROUP 2	$ 27.33	9.29

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 buggie 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 nozzleman; 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 cabelee tiers 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; abutement 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; strigline 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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LABO0579-005 05/01/2013

	Rates	Fringes
LABORER (ANDREW, ATCHISON, BUCHANAN, CALDWELL, CLINTON, DAVIESS, DEKALB, GENTRY, GRUNDY, HARRISON, HOLT, LIVINGSTON, MERCER, NODAWAY and WORTH COUNTIES.)		
GROUP 1	$ 24.42	11.71
GROUP 2	$ 24.77	11.71
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	$ 22.77	11.56
GROUP 2	$ 23.32	11.56

LABORER (LAFAYETTE COUNTY)

GROUP 1	$ 24.32	11.81
GROUP 2	$ 24.67	11.81

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 buggie 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.

LABO0663-002 04/01/2013

CASS, CLAY, JACKSON, PLATTE AND RAY COUNTIES

	Rates	Fringes

LABORER

GROUP 1	$ 27.86	13.45
GROUP 2	$ 29.07	13.45

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 nozzleman,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.

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

PAIN0002-006 04/01/2011

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	$ 22.80	10.87
Brush and Roll; Taping, Paperhanging	$ 20.80	10.87
Epoxy or Any Two Part Coating; Sandblasting; Stage or other Aerial Work - Platforms over 50 feet high; Lead Abatement	$ 21.80	10.87
Spray; Structural Steel (over 50 feet)	$ 21.30	10.87
Tapers using Ames or Comparable Tools	$ 21.05	10.87

PAIN0003-004 04/01/2013

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

	Rates	Fringes
Painters:		
Bridgeman; Lead Abatement; Sandblast; Storage Bin & Tanks	$ 30.20	15.07
Brush & Roller	$ 28.58	15.07
Drywall	$ 28.80	15.07
Paper Hanger	$ 29.08	15.07
Stageman; Beltman; Steelman; Elevator Shaft; Bazooka, Boxes and Power Sander; Sprayman; Dipping	$ 29.70	15.07
Steeplejack	$ 33.77	15.07

PAIN0003-011 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

PAIN0098-002 05/01/2012

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

	Rates	Fringes
Painters:		
Brush & Roller	$ 22.93	11.51
Sandblaster	$ 23.93	11.51
Steeplejack	$ 25.93	11.51

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

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

PAIN1292-002 09/01/2012

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	$ 28.79	11.50
Brush & Roller	$ 23.84	11.50
Spray & Abrasive Blasting; Waterblasting (over 5000 PSI)	$ 26.44	11.50

Height Rates (All Areas):
Over 60 ft. $0.50 per hour.
Under 60 ft. $0.25 per hour.

PAIN1292-003 09/01/2012

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

	Rates	Fringes
Painters:		
Bridges, Stacks & Tanks	$ 28.79	11.50
Brush & Roller	$ 26.44	11.50
Spray & Abrasive Blasting; Waterblasting (Over 5000 PSI)	$ 26.44	11.50

Height Rates (All Areas):
0ver 60 ft. $0.50 per hour
Under 60 ft. $0.25 per hour.

PLAS0518-006 03/01/2013

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...$ 22.40 9.05

PLAS0518-007 04/01/2013

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

	Rates	Fringes
Cement Masons:.....$	30.09	14.68

PLAS0518-011 04/01/2012

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

	Rates	Fringes
CEMENT MASON/CONCRETE FINISHER...$	31.08	16.15

PLAS0527-001 04/01/2013

	Rates	Fringes
CEMENT MASON		
FRANKLIN, LINCOLN AND WARREN COUNTIES.....$	29.03	15.03
JEFFERSON, ST. CHARLES COUNTIES AND ST.LOUIS (City and County).....$	30.20	15.03

PLAS0527-004 04/01/2013

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

	Rates	Fringes
CEMENT MASON.....$	27.04	15.03

PLAS0908-001 05/01/2012

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

	Rates	Fringes
CEMENT MASON.....$	25.25	12.55

PLAS0908-005 05/01/2012

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	$ 25.25	12.55

PLUM0008-003 06/01/2013

CASS, CLAY, JACKSON, JOHNSON, AND PLATTE COUNTIES

	Rates	Fringes
Plumbers	$ 38.75	19.96

PLUM0008-017 06/01/2012

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

	Rates	Fringes
Plumbers	$ 35.01	20.41

PLUM0045-003 09/01/2013

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

	Rates	Fringes
Plumbers and Pipefitters	$ 33.50	18.85

PLUM0178-003 11/01/2013

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

	Rates	Fringes
Plumbers and Pipefitters	$ 28.00	14.45

PLUM0178-006 11/01/2013

BARTON, JASPER, MCDONALD AND NEWTON COUNTIES

	Rates	Fringes
Plumbers and Pipefitters		
Projects $750,000 & under	$ 25.03	14.45
Projects over $750,000	$ 28.00	14.45

PLUM0533-004 06/01/2013

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

	Rates	Fringes
Pipefitters	$ 40.58	19.07

PLUM0562-004 07/01/2013

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	$ 33.41	20.89
Mechanical Contracts including all piping and temperature control work over $7.0 million	$ 34.75	26.28

PLUM0562-016 07/01/2013

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	$ 33.41	20.89
Mechanical Contracts including all piping and temperature control work over $7.0 million	$ 34.75	26.28

TEAM0013-001 05/01/2010

	Rates	Fringes
Truck drivers (ADAIR, BUTLER, CLARK, DUNKIN, HOWELL, KNOX, LEWIS, OREGON, PUTNAM, RIPLEY, SCHUYLER AND SCOTLAND COUNTIES)		

GROUP 1.....$ 25.84 9.85
GROUP 2.....$ 26.00 9.85
GROUP 3.....$ 25.99 9.85
GROUP 4.....$ 26.11 9.85

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.....$ 26.57 9.85
GROUP 2.....$ 26.73 9.85
GROUP 3.....$ 26.72 9.85
GROUP 4.....$ 26.84 9.85

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

GROUP 1.....$ 28.93 9.85
GROUP 2.....$ 29.04 9.85
GROUP 3.....$ 29.08 9.85
GROUP 4.....$ 29.15 9.85

Truck drivers (LINCOLN and WARREN COUNTIES)

GROUP 1.....$ 27.58 9.85
GROUP 2.....$ 27.69 9.85
GROUP 3.....$ 28.73 9.85
GROUP 4.....$ 27.80 9.85

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 05/01/2010

	Rates	Fringes
Truck drivers (ANDREW,		

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

GROUP 1	$ 26.27	9.85
GROUP 2	$ 26.43	9.85
GROUP 3	$ 26.42	9.85
GROUP 4	$ 26.54	9.85

Truck drivers: (ATCHISON,
BARRY, GENTRY, GRUNDY,
HARRISON, HOLT, MCDONALD,
MERCER, NODAWAY, OZARK,
STONE, SULLIVAN, TANEY AND
WORTH COUNTIES)

GROUP 1	$ 25.54	9.85
GROUP 2	$ 25.70	9.85
GROUP 3	$ 25.69	9.85
GROUP 4	$ 25.81	9.85

Truck drivers; (BUCHANAN,
JOHNSON AND LAFAYETTE
COUNTIES)

GROUP 1	$ 27.48	9.85
GROUP 2	$ 27.59	9.85
GROUP 3	$ 27.63	9.85
GROUP 4	$ 27.70	9.85

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.

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.

TEAM0541-001 04/01/2011

CASS, CLAY, JACKSON, PLATTE AND RAY COUNTIES

	Rates	Fringes
Truck drivers:		
GROUP 1	$ 29.76	11.65
GROUP 2	$ 29.19	11.65
GROUP 3	$ 28.67	11.65

TRUCK DRIVERS CLASSIFICATIONS

GROUP 1: Mechanics and Welders, Field; A-Frame Low Boy-Boom ruck 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

TEAM0682-002 05/01/2012

ST LOUIS CITY AND COUNTY

	Rates	Fringes
Truck drivers:		
GROUP 1	$ 30.605	8.69+a+b+c+d
GROUP 2	$ 30.805	8.69+a+b+c+d
GROUP 3	$ 30.69	8.69+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.

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

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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)).

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 union or non-union.

Union Identifiers

An identifier enclosed in dotted lines beginning with characters other than "SU" denotes that the union classification and rate have found to be prevailing for that classification. Example: PLUM0198-005 07/01/2011. The first four letters , PLUM, indicate the international union and the four-digit number, 0198, that follows 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. The date, 07/01/2011, following these characters is the effective date of the most current negotiated rate/collective bargaining agreement which would be July 1, 2011 in the above example.

Union prevailing wage rates will be updated to reflect any changes in the collective bargaining agreements governing the rates.

0000/9999: weighted union wage rates will be published annually each January.

Non-Union Identifiers

Classifications listed under an "SU" identifier were derived from survey data by computing average rates and are not union rates; however, the data used in computing these rates may include both union and non-union data. Example: SULA2004-007 5/13/2010. SU indicates the rates are not union majority rates, LA indicates the State of Louisiana; 2004 is the year of the survey; and 007 is an internal number used in producing the wage determination. A 1993 or later date, 5/13/2010, indicates the classifications and rates under that identifier were issued as a General Wage Determination on that date.

Survey wage rates will remain in effect and will not change until a new survey is conducted.

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

JVIATION®

SCHEDULE V

Item No.	Description	Units	Estimated Quantity	Unit Price	Total
BASE BID ITEMS					
MO-100a	Mobilization	LS	1	$	$
MO-155a	Fly Ash Treated Subgrade - 12 Inches	SY	3,670	$	$
MO-155b	Fly Ash - Type C	TON	315	$	$
MO-620b	Permanent Pavement Markings	SF	225	$	$
P-140c	Apron Concrete Pavement Removal (Full Depth)	SY	6,150	$	$
P-203b	Bituminous Drainable Layer (6-inch)	SY	3,670	$	$
P-312a	Install Stabilization Fabric	SY	3,670	$	$
P-501b	Portland Cement Concrete Pavement (11-inch)	SY	3,360	$	$
P-501d	Portland Cement Concrete Pavement (11-inch Reinforced)	SY	240	$	$

SCHEDULE V TOTAL $ _____

JVIATION®

SCHEDULE VI

Item No.	Description	Units	Estimated Quantity	Unit Price	Total
BASE BID ITEMS					
MO-100a	Mobilization	LS	1	$	$
MO-155a	Fly Ash Treated Subgrade - 12 Inches	SY	3,950	$	$
MO-155b	Fly Ash - Type C	TON	340	$	$
MO-620b	Permanent Pavement Markings	SF	855	$	$
P-203a	Bituminous Drainable Layer (4-inch)	SY	3,950	$	$
P-312a	Install Stabilization Fabric	SY	3,950	$	$
P-501a	Portland Cement Concrete Pavement (6-inch)	SY	3,500	$	$
P-501c	Portland Cement Concrete Pavement (6-inch Reinforced)	SY	300	$	$
D-705a	Install 6 Inch Perforated Underdrain	LF	475	$	$
D-705b	Install 6 Inch Non-Perforated Underdrain	LF	80	$	$
D-751c	Install Underdrain Inspection Pit	EA	1	$	$

JVIATION®

SCHEDULE VI

Item No.	Description	Units	Estimated Quantity	Unit Price	Total
D-751d	Install Underdrain Clean Out	EA	2	$	$

SCHEDULE VI TOTAL $ _____

ITEM NO.	ITEM DESCRIPTION	UNITS	SCHEDULE I		SCHEDULE II		SCHEDULE III		SCHEDULE IV		SCHEDULE V		SCHEDULE VI		SCHEDULE VII	
			ESTIMATE	AS-BUILT	ESTIMATE	AS-BUILT	ESTIMATE	AS-BUILT	ESTIMATE	AS-BUILT	ESTIMATE	AS-BUILT	ESTIMATE	AS-BUILT	ESTIMATE	AS-BUILT
BASE BID ITEMS																
MO-100a	Mobilization	LS	1		1		1		1		1		1		1	
MO-110a	1" PVC Conduit, Installed in Trench (DEB)	LF	715		665		-		-		-		-		-	
MO-110b	1" HDPE Conduit, Installed by Directional Boring	LF	-		685		-		-		-		-		-	
MO-110c	2" PVC Conduit, Installed in Trench (DEB)	LF	145		-		-		-		-		-		25	
MO-110d	2-4" PVC Conduit, Installed in Trench (DEB)	LF	1,600		-		-		-		-		-		-	
MO-110e	4-3" PVC Conduit, Installed in Trench (DEB)	LF	65		-		-		-		-		-		-	
MO-110f	3-2" PVC Duct Bank per City Utilities Standards (DEB)	LF	1,875		-		-		-		-		-		-	
MO-152a	Class A Excavation	CY	58,000		-		-		-		-		-		-	
MO-152b	Class C Excavation	CY	5,000		-		-		-		-		-		-	
MO-152c	Igneous Rock Excavation	CY	2,000		-		-		-		-		-		-	
MO-152d	Subgrade Preparation	SY	-		4,450		-		3,400		-		-		-	
MO-155a	Fly Ash Treated Subgrade - 12 Inches	SY	790		-		9,620		-		3,670		3,950		-	
MO-155b	Fly Ash - Type C	TON	70		-		820		-		315		340		-	
MO-156a	Temporary Erosion Control	LS	1		-		-		-		-		-		-	
MO-209a	Crushed Aggregate Base Course (6 inch)	SY	-		4,500		-		3,400		-		-		-	
MO-401Sa	Mineral Aggregate (BP-1)	TON	-		1,450		-		1,100		-		-		-	
MO-401Sb	Bituminous Asphalt Cement (BP-1)	TON	-		95		-		75		-		-		-	
MO-603a	Bituminous Tack Coat	GAL	-		1,350		-		910		-		-		-	
MO-620a	Temporary Pavement Markings	SF	-		10,000		-		420		-		-		-	
2 MO-620b	Permanent Pavement Markings	SF	-		10,000		415		420		225		855		-	
MO-701a	15 Inch Reinforced Concrete Pipe - Class V	LF	265		-		-		-		-		-		-	
MO-701b	18 Inch Reinforced Concrete Pipe - Class V	LF	1,020		-		-		-		-		-		-	
MO-701c	24 Inch Reinforced Concrete Pipe - Class V	LF	180		-		-		-		-		-		-	
MO-701d	30 Inch Reinforced Concrete Pipe - Class V	LF	370		-		-		-		-		-		-	
MO-701e	36 Inch Reinforced Concrete Pipe - Class V (Complete Replacement)	LF	90		-		-		-		-		-		-	
MO-701f	Pipe Installation Rock Excavation	CY	1,000		-		-		-		-		-		-	
MO-901a	Seeding with Hydromulch	AC	7		-		-		-		-		-		-	
MoDOT-608a	Concrete Sidewalk	SY	300		-		-		-		-		-		-	
MoDOT-720a	Mechanically Stabalized Earth Wall Systems (Complete In Place)	FF	1,500		-		-		-		-		-		-	
MoDOT-731a	Install MoDOT Drop Inlet Type T	EA	2		-		-		-		-		-		-	
MoDOT-731b	Install MoDOT Drop Inlet Type S-1	EA	4		-		-		-		-		-		-	
MoDOT-903a	Traffic Signs (R1-1)	EA	-		2		-		1		-		-		-	
MoDOT-903b	Traffic Signs (R2-1)	EA	-		1		-		-		-		-		-	
MoDOT-903c	Traffic Signs (R5-1)	EA	-		2		-		-		-		-		-	
MoDOT-903d	Traffic Signs (R6-1)	EA	-		1		-		-		-		-		-	
MoDOT-903e	Traffic Signs (R7-8)	EA	-		8		-		2		-		-		-	
MoDOT-903f	Traffic Signs (R7-8a)	EA	-		2		-		2		-		-		-	
P-140a	Asphalt Pavement Removal (Full Depth)	SY	23,000		1,220		-		-		-		-		-	
P-140b	Asphalt Pavement Removal (Partial Depth)	SY	20		10		-		-		-		-		-	
P-140c	Apron Concrete Pavement Removal (Full Depth)	SY	2,650		-		-		-		6,150		-		-	
P-140d	Road Concrete Pavement Removal (Full Depth)	SY	4,900		-		-		-		-		-		-	
P-140e	Remove Curb and Gutter	LF	6,350		3,500		-		-		-		-		-	
P-140f	Remove Sidewalk	SY	240		450		-		-		-		-		-	
P-150a	Remove Existing ARFF Building	LS	1		-		-		-		-		-		-	
P-150b	Remove Existing Toll Booths and Canopy	LS	-		1		-		-		-		-		-	
P-150c	Remove Existing Miscellaneous Building	EA	2		-		-		-		-		-		-	
P-150d	Remove Existing Covered Walkway	LS	1		-		-		-		-		-		-	
P-150e	Remove Existing Hangar Foundation	LS	1		-		-		-		-		-		-	
P-150f	Remove Oil/Water Seperator (Complete)	LS	1		-		-		-		-		-		-	
P-150g	Remove Retaining Wall	LF	170		-		-		-		-		-		-	
P-150h	Remove Brick Wall (Complete)	LF	130		-		-		-		-		-		-	
P-150i	Remove Existing Signs	EA	15		15		-		-		-		-		-	
P-150j	Remove Fence	LF	1,520		-		-		-		-		-		-	
P-150k	Remove Fuel Tank and Lines(Complete)	EA	1		-		-		-		-		-		-	
P-150l	Remove Existing Water Line (Complete)	LF	1,050		-		-		-		-		-		-	
P-150m	Remove Existing Water Manhole	EA	1		-		-		-		-		-		-	
P-150n	Remove Existing Water Meter	EA	4		1		-		-		-		-		-	
P-150o	Remove Water Valves	EA	11		-		-		-		-		-		-	
P-150p	Remove Existing Fire Hydrant	EA	3		-		-		-		-		-		-	
P-150q	Remove Irrigation Valve	EA	1		2		-		-		-		-		-	
P-150r	Remove Existing Storm Line (12", 18", 24", 36")	LF	2,400		-		-		-		-		-		-	
P-150s	Remove Existing Storm Inlet	EA	22		-		-		-		-		-		-	
P-150t	Remove Existing Storm Manhole	EA	2		-		-		-		-		-		-	
P-150u	Remove Existing Sanitary Pipe	LF	870		-		-		-		-		-		-	
P-150v	Remove Existing Sanitary Manhole	EA	5		-		-		-		-		-		-	
P-150w	Remove Existing Sanitary Cleanout	EA	1		-		-		-		-		-		-	
P-150x	Remove Existing Manhole	EA	2		-		-		-		-		-		-	
P-150y	Remove City Utilites Transformer	EA	3		-		-		-		-		-		-	
P-150z	Remove Existing Natural Gas Pipe	LF	900		-		-		-		-		-		-	
P-150aa	Remove Existing Natural Gas Meter	EA	1		-		-		-		-		-		-	
P-150bb	Remove Existing Natural Gas Valve	EA	1		-		-		-		-		-		-	
P-150cc	Remove Existing Underdrain	LF	210		570		-		-		-		-		-	
P-150dd	Remove Overhead Power Cable	LF	520		-		-		-		-		-		-	
P-150ee	Remove Light Pole and Foundation (Complete)	EA	17		4		-		-		-		-		-	
P-150ff	Remove City Utilites Junction Cabinet	EA	4		-		-		-		-		-		-	
P-150gg	Remove Telephone Pedestal	EA	5		-		-		-		-		-		-	
P-150hh	Remove Bollards	EA	16		6		-		-		-		-		-	
P-150ii	Remove Lighted Bollard	EA	-		1		-		-		-		-		-	
P-150jj	Remove Electrical Equipment Rack	EA	2		-		-		-		-		-		-	
P-150kk	Remove Handhole	EA	8		1		-		-		-		-		-	
P-150ll	Remove Junction Box	EA	4		2		-		-		-		-		-	
P-150mm	Remove City Utilites Power Pole	EA	3		-		-		-		-		-		-	
P-150nn	Remove Underground Tank	EA	1		-		-		-		-		-		-	
P-150oo	Remove Trees	EA	28		-		-		-		-		-		-	

3

ISSUE FOR BID
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THESE DRAWINGS ARE FOR BIDDING AND CONSTRUCTION USE AND ARE NOT A RECORD SET AS DEFINED BY LAW. THE RECORD SETS ARE SIGNED AND SEALED BY:

NAME	REG. NO.	DATE
MARK J. LOVATO	PE-2009002094	12/09/13

FOR AND ON BEHALF OF JVIATION, INC.

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JVIATION®

Springfield-Branson NATIONAL AIRPORT

DES: D.W.C.
DR: B.A.V.
CH: C.L.G.
APP: M.J.L.

ISSUE RECORD

NO.	BY	DATE	DESCRIPTION
1	M.J.L.	12/09/13	ISSUED FOR BID
2	M.J.L.	01/03/13	ADDENDUM NO. 1
3	M.J.L.	01/21/13	ADDENDUM NO. 3

W. KEARNEY TERMINAL PARKING LOT AND GA REDEVELOPMENT

SUMMARY OF APPROXIMATE QUANTITIES

SHEET NAME: G003

SHEET NO.: 3 of 125

JVIATION PROJ. NO.: AIR 126-092A1

DATE: 12/09/13

ITEM NO.	ITEM DESCRIPTION	UNITS	SCHEDULE I		SCHEDULE II		SCHEDULE III		SCHEDULE IV		SCHEDULE V		SCHEDULE VI		SCHEDULE VII	
			ESTIMATE	AS-BUILT	ESTIMATE	AS-BUILT	ESTIMATE	AS-BUILT	ESTIMATE	AS-BUILT	ESTIMATE	AS-BUILT	ESTIMATE	AS-BUILT	ESTIMATE	AS-BUILT
BASE BID ITEMS																
P-150pp	Relocate Irrigation Control Box	EA	-		1		-		-		-		-		-	
P-150qq	Adjust Existing Electrical Manhole	EA	1		-		-		-		-		-		-	
P-150rr	Adjust Existing Manhole	EA	2		-		-		-		-		-		-	
P-150ss	Adjust Electrical Handhole	EA	1		1		-		-		-		-		-	
P-150tt	Adjust Existing Sanitary Cleanout	EA	5		-		-		-		-		-		-	
P-150uu	Adjust Monitoring Well	EA	2		-		-		-		-		-		-	
P-150vv	Adjust Miscellaneous Well	EA	2		-		-		-		-		-		-	
P-150ww	Remove Concrete Islands	EA	4		3		-		-		-		-		-	
P-151a	Clearing and Grubbing	LS	1		-		-		-		-		-		-	
P-203a	Bituminous Drainable Layer (4-inch)	SY	-		-		-		-		-		3,950		-	
P-203b	Bituminous Drainable Layer (6-inch)	SY	790		-		9,620		-		3,670		-		-	
P-312a	Install Stabilization Fabric	SY	790		-		9,620		-		3,670		3,950		-	
P-501a	Portland Cement Concrete Pavement (6-inch)	SY	-		-		-		-		-		3,500		-	
P-501b	Portland Cement Concrete Pavement (11-inch)	SY	520		-		8,240		-		3,360		-		-	
P-501c	Portland Cement Concrete Pavement (6-inch Reinforced)	SY	-		-		-		-		-		300		-	
P-501d	Portland Cement Concrete Pavement (11-inch Reinforced)	SY	230		-		1,260		-		240		-		-	
P-609a	Seal Coat Existing Parking Lot	SY	-		44,000		-		-		-		-		-	
F-162a	Install 8-Foot Chain-Link Fence	LF	2,850		-		-		-		-		-		-	
F-162b	Install Temporary Chain-Link Fence	LF	1,725		-		-		-		-		-		-	
F-165a	Install Vertical Pivot Gate (Complete)	EA	1		-		-		-		-		-		-	
F-165b	Remove Existing Vertical Pivot Gate	EA	1		-		-		-		-		-		-	
D-705a	Install 6 Inch Perforated Underdrain	LF	-		-		250		-		-		475		-	
D-705b	Install 6 Inch Non-Perforated Underdrain	LF	-		-		-		-		-		80		-	
D-751a	Install Aircraft Rated Double Inlet Type I	EA	12		-		-		-		-		-		-	
D-751b	Install Aircraft Rated 5' Manhole	EA	7		-		-		-		-		-		-	
D-751c	Install Underdrain Inspection Pit	EA	-		-		-		-		-		1		-	
D-751d	Install Underdrain Clean Out	EA	-		-		1		-		-		2		-	
D-751e	Connect to Existing Storm Structure	EA	2		-		-		-		-		-		-	
D-751f	Connect to Existing Sanitary Structure	EA	2		-		-		-		-		-		-	
D-754a	Concrete Curb and Gutter (6" curb with 2' pan)	LF	805		-		-		945		-		-		-	
L-103a	Remove Existing Beacon Tower, Including Foundation (Complete)	LS	-		-		-		-		-		-		1	
L-103c	Drilled Pier (Complete)	LF	-		-		-		-		-		-		9	
L-103d	Rock Excavation	LF	-		-		-		-		-		-		5	
L-108a	#8 AWG, Type L-824C 5,000 Volt Wire	LF	-		-		-		-		-		-		450	
L-108b	#8 AWG, Type THWN 600 Volt Wire	LF	-		-		-		-		-		-		225	
L-139a	Temporary Construction Traffic Control (All Phases)	LS	-		1		-		-		-		-		-	
U-02510a	Install Water Line System Per City Utilities (Complete)	LS	1		-		-		-		-		-		-	
U-02550a	Install Gas Line System Per City Utilities (Complete)	LS	1		-		-		-		-		-		-	
U-02550b	Install Sanitary Line (Complete)	LF	1,850		-		-		-		-		-		-	
U-02550c	Install Sanitary Line Service (Service shall include connection to main)	EA	14		-		-		-		-		-		-	
U-02550d	Install Sanitary Manhole	EA	9		-		-		-		-		-		-	
U-02550e	Adjust Existing Sanitary Manhole	EA	1		-		-		-		-		-		-	
Div-26a	#6 AWG 600V Insulated Conductor	LF	190		-		-		-		-		-		-	
Div-26b	#8 AWG 600V Insulated Conductor	LF	675		535		-		-		-		-		-	
Div-26c	#10 AWG 600V Insulated Conductor	LF	2,995		3,135		-		-		-		-		-	
Div-26d	3/0 AWG 600V Insulated Conductor	LF	405		-		-		-		-		-		-	
Div-26e	Install Handhole	EA	4		1		-		-		-		-		-	
Div-26f	Junction Box	EA	1		1		-		-		-		-		-	
Div-26g	Install City Utilites Provided Junction Cabinet	EA	4		-		-		-		-		-		-	
Div-26h	Install City Utilities Provided Single-Phase Transformer	EA	2		-		-		-		-		-		-	
Div-26i	Install City Utilites Provided 3-Phase Transformer	EA	1		-		-		-		-		-		-	
Div-26j	Install Roadway Lighting Power Frame	EA	1		-		-		-		-		-		-	
Div-26k	Electrical for Vertical Pivot Gate	EA	1		-		-		-		-		-		-	
Div-26l	Type "A" Luminaire	EA	1		-		-		-		-		-		-	
Div-26m	Type "B" Luminaire	EA	-		3		-		-		-		-		-	
Div-26n	Type "C" Luminaire	EA	-		1		-		-		-		-		-	
Div-26o	Type "D" Luminaire	EA	3		-		-		-		-		-		-	
Div-26p	Type "E" Luminaire	EA	2		-		-		-		-		-		-	
Div-26q	12 Strand Multi Mode Fiber Optic Cable	LF	715		-		-		-		-		-		-	
Div-26r	36 Strand Combo Fiber Optic Cable	LF	3,665		-		-		-		-		-		-	
Div-26s	Aircraft Rated Handhole	EA	2		-		-		-		-		-		-	
ALTERNATE 1 - Airport Lighted Beacon																
L-103b	Install New Beacon Tower-Basket Pole with Exisiting Beacon	LS	-		-		-		-		-		-		1	
ALTERNATE 2 - Airport Lighted Beacon																
L-101a	Provide New Beacon	LS	-		-		-		-		-		-		1	
L-103e	Install New Beacon Tower - Lowering Winch System Pole	LS	-		-		-		-		-		-		1	

2

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MARK J. LOVATO PE-2009002094 12/09/13
NAME REG. NO. DATE
FOR AND ON BEHALF OF JVIATION, INC.

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Springfield-Branson NATIONAL AIRPORT

DES: D.W.C.
DR: B.A.V.
CH: C.L.G.
APP: M.J.L.

ISSUE RECORD

NO.	BY	DATE	DESCRIPTION
1	M.J.L.	12/09/13	ISSUED FOR BID
2	M.J.L.	01/21/14	ADDENDUM NO. 3

W. KEARNEY TERMINAL PARKING LOT AND GA REDEVELOPMENT

SUMMARY OF APPROXIMATE QUANTITIES (CONT.)

JVIATION PROJ. NO. AIR 126-092A1
DATE: 12/09/13

SHEET NAME G004
SHEET NO. 4 of 125

GENERAL NOTES

1. ALL STATED QUANTITIES ARE CONSIDERED APPROXIMATE. ACTUAL QUANTITIES WILL BE DETERMINED BY THE ENGINEER FROM WORK IN-PLACE.

2. TWO WEEKS PRIOR TO PHASE 1, THE CONTRACTOR SHALL PROVIDE THE ENGINEER WITH A SURVEY VERIFYING EXISTING ELEVATIONS. SURVEY SHALL BE IN AN ELECTRONIC FORMAT SPECIFIED BY THE ENGINEER. THE SURVEY SHALL BE PERFORMED USING SPECIFIED PROJECT CONTROL. THIS SURVEY WILL BE USED TO DETERMINE IF ANY MODIFICATIONS TO DESIGN GRADES ARE REQUIRED. ANY DISCREPANCIES IN EXISTING CONDITIONS SHALL BE IDENTIFIED TO THE ENGINEER TWO (2) WEEKS PRIOR TO CONSTRUCTION. THIS SURVEY WILL BE INCIDENTAL TO BID ITEM MO-100. SEE SECTION 50 OF THE CONTRACT DOCUMENTS FOR ADDITIONAL SURVEY INFORMATION.

3.

4. THE CONTRACTOR SHALL PROVIDE MATERIAL SUBMITTALS FOR THE ENGINEER'S APPROVAL AT LEAST SEVEN (7) DAYS PRIOR TO ORDERING.

5. 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. CONTRACTOR SHALL BE RESPONSIBLE FOR KEEPING ALL ROADS AND AIRCRAFT OPERATIONAL AREAS FREE AND CLEAR OF ALL FOREIGN OBJECT DEBRIS (FOD) AT ALL TIMES

6. PRELIMINARY PERMITTING INFORMATION WILL BE SUBMITTED BY THE ENGINEER TO THE CITY OF SPRINGFIELD 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. CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING ALL NECESSARY PERMITS PRIOR TO START OF WORK. NECESSARY PERMITS INCLUDE, BUT ARE NOT LIMITED TO, AN FAA 7460-1 NOTICE OF PROPOSED CONSTRUCTION OR ALTERATION, A NPDES STORMWATER PERMIT, AND A FUGITIVE DUST PERMIT IF NECESSARY. ALL COSTS FOR PERMITS SHALL BE PAID BY THE CONTRACTOR.

7. ALL AREAS OUTSIDE OF THE PROJECT CONSTRUCTION LIMITS THAT ARE DISTURBED BY CONTRACTOR, SHALL BE RESTORED WITH MATERIALS AND CONSTRUCTED IN ACCORDANCE WITH THE PROJECT SPECIFICATIONS. THE APPLICABLE SPECIFICATIONS SHALL APPLY AS DETERMINED BY THE ENGINEER.

8. THE FOLLOWING RATES WERE USED TO CALCULATE ESTIMATED QUANTITIES:

   A. BITUMINOUS TACK COAT AT THE RATE OF 0.15 GAL. PER SQUARE YARD (DILUTED) PER LIFT.

   B. BITUMINOUS PAVEMENT COURSE AT THE RATE OF 150 LBS PER CUBIC FOOT.

   C. ASPHALT BINDER WAS QUANTIFIED BY TAKING 6.5% BY WEIGHT OF THE TOTAL ASPHALT QUANTITY.

   D. ASPHALT ROTOMILLING IS BASED ON SQUARE YARD REGARDLESS OF ASPHALT DEPTH. CONTRACTOR SHALL USE PROFILES, SPOT ELEVATIONS, AND MINIMUM ASPHALT DEPTHS TO DETERMINE DEPTH OF MILLING.

   E. ACTUAL RATES OF APPLICATION WILL BE DETERMINED BY THE APPROVED ASPHALT MIX DESIGN.

   F. FOG SEAL APPLICATION IS BASED ON SQUARE YARDS AT THE SPECIFIED APPLICATION RATE OF 0.14 GALLONS PER SQUARE YARD.

8. THE PROJECT PAY ITEMS PROVIDED ARE TO BE INCLUSIVE OF ALL WORK TO BE PERFORMED AS SHOWN IN THE CONTRACT DOCUMENTS. ALL WORK NOT IDENTIFIED WITH A SPECIFIC PAY ITEM IS TO BE CONSIDERED REQUIRED WORK TO COMPLETE THE PROJECT, AND IS TO BE INCIDENTAL TO THE COST OF PROJECT PAY ITEMS PROVIDED.

9. ALL WASTE MATERIALS SHALL BE REMOVED FROM THE AIRPORT PROPERTY AT NO COST TO THE SPONSOR UNLESS OTHERWISE DIRECTED BY THE SPONSOR.

10. 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, AND IN CONJUNCTION WITH SECTION 100 OF THE CONTRACT DOCUMENTS.

11. DURING CONSTRUCTION, THE CONTRACTOR SHALL COMPLY TO FAA ADVISORY CIRCULAR (AC) 150/5370-2F, "OPERATIONAL SAFETY ON AIRPORTS DURING CONSTRUCTION". CONTRACTOR SHALL BE RESPONSIBLE FOR ALL ASPECTS OF SAFETY, INCLUDING BUT NOT LIMITED TO, EXCAVATION, TRENCHING, SHORING, TRAFFIC CONTROL, AND SECURITY.

12. PRIOR TO COMMENCING WORK, THE CONTRACTOR SHALL FIELD VERIFY THE LOCATIONS AND DEPTHS OF ALL EXISTING UTILITIES WITHIN PROJECT LIMITS, INCLUDING STAGING AREAS AND ALL CONSTRUCTION HAUL ROUTES. CONTRACTOR IS RESPONSIBLE FOR DAMAGE TO EXISTING UTILITIES. REPAIRS DEEMED NECESSARY BY THE ENGINEER WILL BE COMPLETED BY THE CONTRACTOR AT NO ADDITIONAL COST TO THE SPONSOR. THIS SHALL INCLUDE ANY NECESSARY POTHOLING. CONTRACTOR SHALL NOTIFY ENGINEER IMMEDIATELY OF ANY EXISTING CONDITIONS THAT DIFFER FROM PLANS.

13. BEFORE ESTABLISHING SITE ACCESS AND HAUL ROUTES, THE CONTRACTOR SHALL OBTAIN APPROVAL FROM THE ENGINEER. WHEN POSSIBLE, ACCESS/HAUL ROUTES SHALL UTILIZE EXISTING ROADS. THE CONTRACTOR SHALL MAINTAIN AIRPORT SECURITY AT ALL TIMES.

14. THIS PROJECT WILL GENERATE QUANTITIES OF ASPHALT MILLINGS. THE CONTRACTOR SHALL COORDINATE WITH THE SPONSOR AND/OR THE ENGINEER FOR PLACEMENT LOCATIONS. THE MILLINGS WILL BE PLACED AND COMPACTED IN ON-SITE LOCATIONS DESIGNATED BY THE SPONSOR AND/OR THE ENGINEER IN ACCORDANCE WITH ITEM P-140. EXCESS MILLINGS THAT ARE NOT PLACED SHALL BE STOCKPILED BY THE CONTRACTOR IN DESIGNATED AREAS ON THE AIRPORT PROPERTY AS DIRECTED BY THE ENGINEER. THE STOCKPILING OF MILLINGS SHALL BE CONSIDERED INCIDENTAL TO ITEM P-140a.

15. ALL VEHICLES AND EQUIPMENT WORKING ON THE SITE SHALL BE EQUIPPED WITH STANDARD FAA MARKINGS PER FAA ADVISORY CIRCULAR 150/5210-5 OR BE ESCORTED BY A PROPERLY MARKED VEHICLE. ANY VEHICLE OR EQUIPMENT OPERATING WITHIN THE AIRPORT'S PERIMETER FENCE NOT PROPERLY MARKED OR ESCORTED MAY NOT OPERATE ON THE SITE AND MUST BE REMOVED IMMEDIATELY. ANY DELAY OR COST TO CONTRACTOR OPERATIONS FROM UNMARKED OR UNESCORTED VEHICLES OR EQUIPMENT WILL BE THE RESPONSIBILITY OF THE CONTRACTOR. STANDARD FAA VEHICLE FLAGS (3 FOOT BY 3 FOOT ORANGE AND WHITE) MAY BE USED DURING DAYTIME HOURS. FLASHING BEACONS MAY BE USED AT ANY TIME. BACKUP ALARMS ARE REQUIRED AND SHALL BE PROXIMITY BASED AND ADJUSTED FROM SURROUNDING NOISE LEVELS. SEE THE CONSTRUCTION SAFETY AND PHASING PLAN (CSPP) FOR MORE DETAILS.

16. 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. CONTRACTOR IS RESPONSIBLE FOR RECORDING ALL AS-BUILT INFORMATION ON A SET OF RECORD DRAWINGS KEPT AT THE CONSTRUCTION SITE AND MADE AVAILABLE TO ENGINEER AT ALL TIMES.

17. THE CONTRACTOR IS REQUIRED TO OBTAIN A WATER METER FROM THE CITY UTILITIES WATER DIVISION FOR ACCESS TO CONSTRUCTION WATER FROM AN ON AIRPORT LOCATION. THE CONTACT PHONE NUMBER IS 417-863-9000. A WATER SOURCE ON AIRPORT PROPERTY AND THE PRICE OF WATER WILL BE COORDINATED AT THE TIME OF BIDDING.

18. 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.

19. THE CONTRACTOR SHALL SUBMIT A TRAFFIC CONTROL PLAN IN ACCORDANCE WITH LOCAL JURISDICTIONAL 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.

20. THE CONTRACTOR IS SPECIFICALLY CAUTIONED THAT THE LOCATION AND/OR ELEVATION OF EXISTING UTILITIES, AS SHOWN ON THESE PLANS, IS BASED ON RECORDS OF THE VARIOUS UTILITY COMPANIES AND, WHERE POSSIBLE, MEASUREMENTS TAKEN IN THE FIELD. THE INFORMATION IS NOT TO BE RELIED UPON AS BEING EXACT OR COMPLETE. THE CONTRACTOR MUST CALL THE LOCAL UTILITY LOCATION CENTER AT LEAST 48 HOURS BEFORE ANY EXCAVATION TO REQUEST EXACT FIELD LOCATIONS OF THE UTILITIES. PRIOR TO CONSTRUCTION, THE CONTRACTOR SHALL VERIFY PERTINENT LOCATIONS AND ELEVATIONS, ESPECIALLY AT CONNECTION POINTS AND AT POTENTIAL UTILITY CONFLICTS, AND SHALL BE SUBMITTED IN AN ELECTRONIC FORMAT SPECIFIED BY THE ENGINEER. IT SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR TO RELOCATE ALL EXISTING UTILITIES THAT CONFLICT WITH THE PROPOSED IMPROVEMENTS SHOWN ON THESE PLANS. CONTRACTOR SHALL COORDINATE WITH SPONSOR AND FAA LOCATIONS OF FAA FACILITIES AND CABLE RUNS.

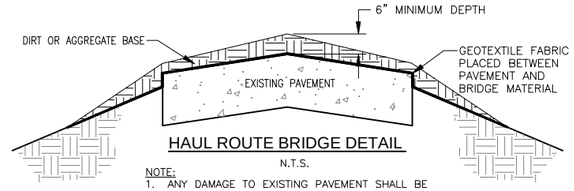
21. THE CONTRACTOR SHALL BE RESPONSIBLE FOR ALL ASPECTS OF SAFETY INCLUDING, BUT NOT LIMITED TO, EXCAVATION, TRENCHING, SHORING, TRAFFIC CONTROL, AND SECURITY.

22. IF DURING THE CONSTRUCTION PROCESS, CONDITIONS ARE ENCOUNTERED WHICH COULD INDICATE A SITUATION THAT IS NOT IDENTIFIED IN THE PLANS OR SPECIFICATIONS, THE CONTRACTOR SHALL CONTACT THE RESIDENT ENGINEER IMMEDIATELY.

23. ALL REFERENCES TO ANY PUBLISHED STANDARDS SHALL REFER TO THE LATEST REVISION OF SAID STANDARD, UNLESS SPECIFICALLY STATED OTHERWISE.

24. THE CONTRACTOR SHALL COMPLY WITH ALL TERMS AND CONDITIONS OF THE MISSOURI DEPARTMENT OF NATURAL RESOURCES FOR STORM WATER DISCHARGE, THE STORM WATER MANAGEMENT PLAN, THE EROSION CONTROL PLAN, AND ALL REQUIREMENTS OF THE LOCAL DRAINAGE AUTHORITY.

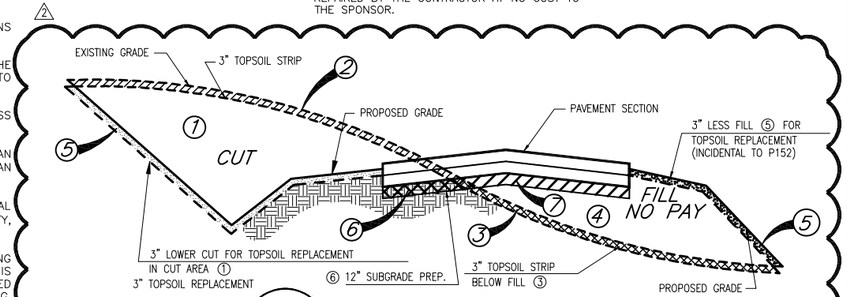
25. ALL STRUCTURAL EROSION CONTROL MEASURES SHALL BE INSTALLED, AT THE LIMITS OF CONSTRUCTION, PRIOR TO ANY OTHER GROUND-DISTURBING ACTIVITY. ALL EROSION CONTROL MEASURES SHALL BE MAINTAINED IN GOOD REPAIR BY THE CONTRACTOR, UNTIL SUCH TIME AS THE ENTIRE DISTURBED AREA IS STABILIZED WITH HARD SURFACE OR LANDSCAPING.



HAUL ROUTE BRIDGE DETAIL

N.T.S.

NOTE:
1. ANY DAMAGE TO EXISTING PAVEMENT SHALL BE REPAIRED BY THE CONTRACTOR AT NO COST TO THE SPONSOR.



1
G004

UNCLASSIFIED EXCAVATION VOLUME CALCULATION

NOT TO SCALE

EARTHWORK QUANTITIES = ① VOLUME OF CUT + ② VOLUME TOPSOIL AT CUT + ③ VOLUME TOPSOIL BELOW FILL AREAS.

TOTAL CUT (PAY)

① UNCLASSIFIED VOLUME

② + VOLUME TOPSOIL AT CUT (STRIPPED) (PAID AS 3" DEEP, PLAN AREA OF CUT)

③ + VOLUME TOPSOIL BELOW FILL (STRIPPED) (PAID AS 3" DEEP, PLAN AREA OF FILL)

① + ② + ③ = TOTAL VOLUME CUT (PAID AS P-152b)

TOTAL FILL (NO PAY)

④ EMBANKMENT VOLUME (NOT PAID)

⑤ + TOPSOIL REPLACEMENT ABOVE FILL AND UNDER CUT (NOT PAID) (INCIDENTAL TO P152)

④ + ⑤ = TOTAL VOLUME FILL

⑥ 12" FLY ASH TREATED SUBGRADE (PAID AS MO-155a)

⑦ 12" FLY ASH TREATED SUBGRADE (PAID AS MO-155a)

* NOTES:
1. THESE QUANTITIES ARE RAW AND UNADJUSTED.
2. SEE DETAIL (THIS SHEET) FOR VOLUME CALCULATION.

UNCLASSIFIED EXCAVATION VOLUMES (APPROX.)

CUT = 65,000 C.Y.

FILL = 700 C.Y.

2

CIVIL MASTER LEGEND

UGE	EXISTING ELECTRICAL LINE
UGE	PROPOSED ELECTRICAL LINE
SAN	EXISTING SANITARY LINE
SAN	PROPOSED SANITARY LINE
W	EXISTING WATER LINE
W	PROPOSED WATER LINE
GAS	EXISTING GAS LINE
GAS	PROPOSED GAS LINE
T	EXISTING TELEPHONE LINE
T	PROPOSED TELEPHONE LINE
CATV	EXISTING CABLE TV LINE
CATV	PROPOSED CABLE TV LINE
OPT	EXISTING FIBER OPTIC LINE
	PROPOSED FIBER OPTIC LINE
1270	EXISTING MAJOR CONTOUR
1269	EXISTING MINOR CONTOUR
1270	PROPOSED INDEX CONTOUR
1269	PROPOSED INTERMEDIATE CONTOUR
	CENTERLINE
	EXISTING PAVEMENT
RSA	EXISTING RUNWAY SAFETY AREA
ROFA	EXISTING RUNWAY OBJECT FREE AREA
	EXISTING STORM DRAIN
	PROPOSED STORM DRAINPIPE
	EXISTING STORM DRAIN TO BE REMOVED
	EXISTING TRENCH DRAIN
	EXISTING UNDERDRAIN
	PROPOSED UNDERDRAIN
	EXISTING UNDERDRAIN TO BE REMOVED
X	EXISTING PROPERTY, WILDLIFE SECURITY FENCE
X X X X	PROPOSED PERIMETER FENCE
	EXISTING ELECTRICAL DUCT (CE)
	PROPOSED ELECTRICAL DUCT (CE)
	EXISTING ELECTRICAL DUCT (DEB)
	PROPOSED ELECTRICAL DUCT (DEB)
	EXISTING ELECTRICAL DUCT (DEB) TO BE REMOVED
	EXISTING PROPERTY EASEMENT
SF	PROPOSED SILT FENCE

PROP. EL / EXIST. EL.	SPOT ELEVATION
	EXISTING RIPRAP
	PROPOSED RIPRAP
	EXISTING CONCRETE PAVEMENT
	PROPOSED CONCRETE PAVEMENT
	FULL DEPTH PAVEMENT TO BE REMOVED
	PROPOSED ASPHALT PAVEMENT
	SEEDING AND HYDROMULCH AREA
	EROSION PROTECTION BLANKETS
	STORM DRAIN INLET PROTECTION
UCO	EXISTING UNDERDRAIN CLEANOUT
UCO	PROPOSED UNDERDRAIN CLEANOUT
C	EXISTING STORM CATCH BASIN
C	EXISTING STORM CATCH BASIN
C	PROPOSED STORM CATCH BASIN
SDMH	EXISTING STORM DRAIN MANHOLE
SDMH	PROPOSED STORM DRAIN MANHOLE
	EXISTING FLARED END SECTION
	PROPOSED FLARED END SECTION
S	EXISTING SANITARY SEWER MANHOLE
S	EXISTING SANITARY SEWER MANHOLE TO BE ADJUSTED
S	PROPOSED SANITARY SEWER MANHOLE
	EXISTING FIRE HYDRANT
	PROPOSED FIRE HYDRANT
W	EXISTING WATER MANHOLE
W	PROPOSED WATER MANHOLE
	EXISTING WATER VALVE
	PROPOSED WATER VALVE
	EXISTING PARKING SIGN
	PROPOSED PARKING SIGN
T	EXISTING TELEPHONE BOX
T	PROPOSED TELEPHONE BOX

NOTE: REFER TO SHEET E001 FOR ELECTRICAL MASTER LEGEND AND GENERAL NOTES.

ABBREVIATIONS

AC – ADVISORY CIRCULAR
AOA – AIRPORT OPERATIONS AREA
ARFF – AIRPORT RESCUE AND FIRE FIGHTING
ASTM – AMERICAN SOCIETY OF TESTING MATERIALS
ATCT – AIR TRAFFIC CONTROL TOWER
AWOS – AUTOMATED WEATHER OBSERVATION STATION
℄ – CENTERLINE
CBC – CONCRETE BOX CULVERT
CMP – CORRUGATED METAL PIPE
CE – CONCRETE ENCASED
CLSM – CONTROLLED LOW STRENGTH MATERIAL (FLOW FILL)
DEB – DIRECT EARTH BURIED
EL – ELEVATION
EOC – EDGE OF CONCRETE
EX – EXISTING
FAA – FEDERAL AVIATION ADMINISTRATION
FES – FLARED END SECTION
FL – FLOWLINE
FOD – FOREIGN OBJECT DEBRIS
GAL – GALLON
HERCP – HORIZONTAL ELLIPTICAL REINFORCED CONCRETE PIPE
HWY – HIGHWAY
INV – INVERT
LLWAS – LOW LEVEL WINDSHEAR ALERT SYSTEM
LT – LEFT OFFSET
L.P. – LOW POINT
MHZ – RADIO FREQUENCY (MEGAHERTZ)
N.I.C. – NOT IN CONTRACT
NOTAM – NOTICE TO AIRMEN
OFA – OBJECT FREE AREA
PC – POINT OF CURVATURE
PCC – PORTLAND CEMENT CONCRETE
PI – POINT OF INFLECTION
PT – POINT OF TANGENCY
PVC – POINT OF VERTICAL CURVATURE; POLYVINYL CHLORIDE
PVI – POINT OF VERTICAL INTERSECTION
PVT – POINT OF VERTICAL TANGENCY
RCM – RUNWAY CLOSURE MARKER
RCP – REINFORCED CONCRETE PIPE
ROFA – RUNWAY OBJECT FREE AREA
RPZ – RUNWAY PROTECTION ZONE
RSA – RUNWAY SAFETY AREA
RT – RIGHT OFFSET
R/W – RUNWAY
SRE – SNOW REMOVAL EQUIPMENT
STA – STATION
TOFA – TAXIWAY OBJECT FREE AREA
TSA – TAXIWAY SAFETY AREA
TVOR – TERMINAL VHF OMNI-DIRECTIONAL RADIO RANGE

ISSUE FOR BID
NOT FOR CONSTRUCTION

THESE DRAWINGS ARE FOR BIDDING AND CONSTRUCTION USE AND ARE NOT A RECORD SET AS DEFINED BY LAW. THE RECORD SETS ARE SIGNED AND SEALED BY:

MARK J. LOVATO	PE-2009002094	12/09/13
NAME	REG. NO.	DATE

FOR AND ON BEHALF OF JVIATION, INC.

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Springfield-Branson NATIONAL AIRPORT

DES: D.W.C.
DR: B.A.V.
CH: C.L.G.
APP: M.J.L.

ISSUE RECORD

NO.	BY	DATE	DESCRIPTION
1	M.J.L.	12/09/13	ISSUED FOR BID
2	M.J.L.	01/21/14	ADDENDUM NO. 3

W. KEARNEY TERMINAL PARKING LOT AND GA REDEVELOPMENT

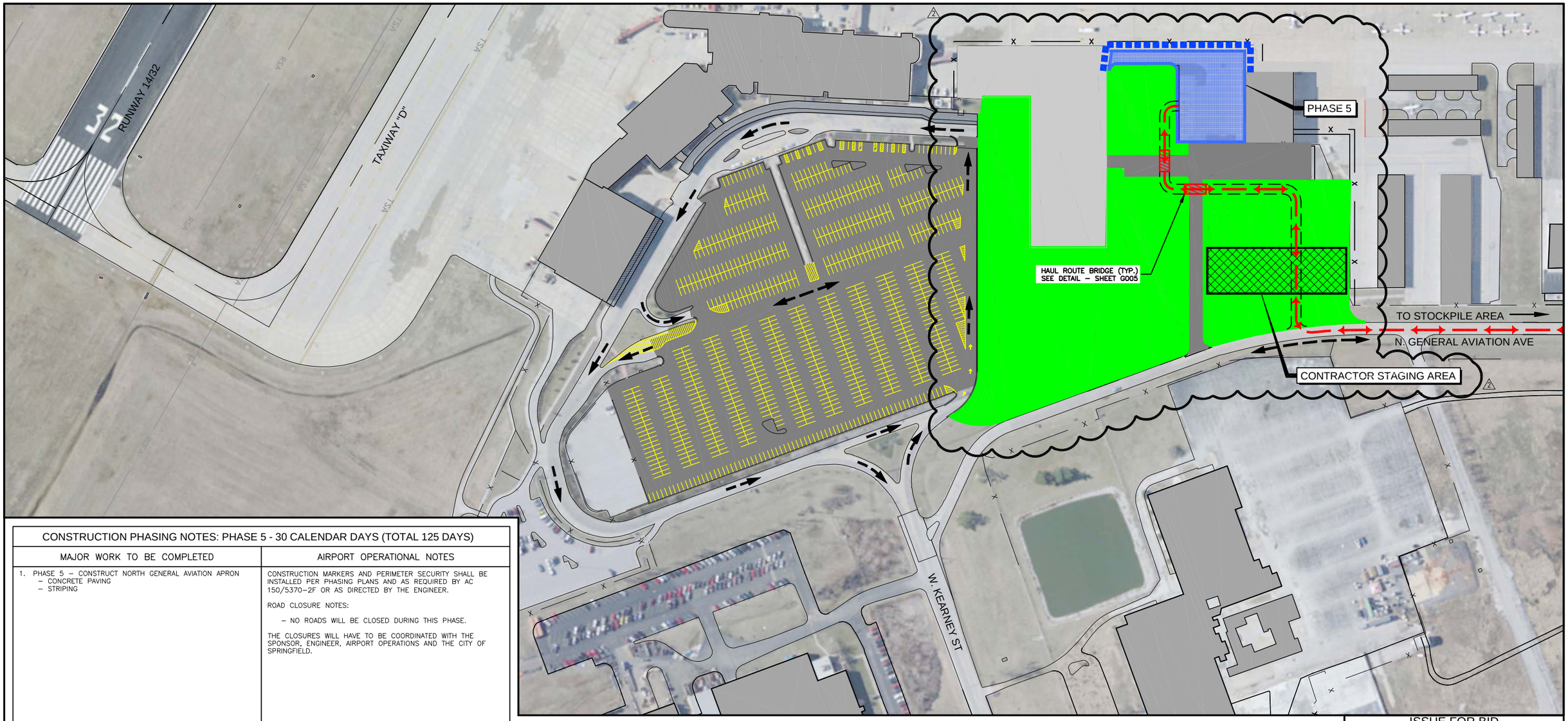
MASTER LEGEND, GENERAL NOTES AND MISCELLANEOUS DETAILS

SHEET NAME: G005

SHEET NO.: 5 of 125

JVIATION PROJ. NO.: AIR 126-092A1

DATE: 12/09/13



CONSTRUCTION PHASING NOTES: PHASE 5 - 30 CALENDAR DAYS (TOTAL 125 DAYS)

MAJOR WORK TO BE COMPLETED

1. PHASE 5 – CONSTRUCT NORTH GENERAL AVIATION APRON
   - CONCRETE PAVING
   - STRIPING

AIRPORT OPERATIONAL NOTES

CONSTRUCTION MARKERS AND PERIMETER SECURITY SHALL BE INSTALLED PER PHASING PLANS AND AS REQUIRED BY AC 150/5370-2F OR AS DIRECTED BY THE ENGINEER.

ROAD CLOSURE NOTES:

- NO ROADS WILL BE CLOSED DURING THIS PHASE.

THE CLOSURES WILL HAVE TO BE COORDINATED WITH THE SPONSOR, ENGINEER, AIRPORT OPERATIONS AND THE CITY OF SPRINGFIELD.

OTHER NOTES

1. PHASE 5 CAN BE CONSTRUCTED SIMULTANEOUSLY WITH PHASES 2, 3, 4, 6 AND 7, BUT SHALL NOT EXCEED 30 CALENDAR DAYS.
2. GRADING FOR ALL PHASES WILL BE DONE IN PHASE 1.
3. CONTRACTOR IS RESPONSIBLE FOR ANY DAMAGE CAUSED TO THE EXISTING ROADWAYS BY CONSTRUCTION TRAFFIC AND WILL MAINTAIN THEM AT NO COST TO THE SPONSOR, INCLUDING STATE AND LOCAL ROADWAYS.
4. VACUUM AND SWEEPER TRUCKS SHALL BE AVAILABLE AT ALL TIMES TO CLEAN ALL CONSTRUCTION DEBRIS INCLUDING DEBRIS FROM HAUL ROUTE OR AREAS ADJACENT TO CONSTRUCTION.
5. CONTRACTOR IS RESPONSIBLE FOR ANY DAMAGE CAUSED TO EXISTING AIRCRAFT PAVEMENT OR AREAS ADJACENT TO CONSTRUCTION.
6. WHEN TOWER IS OPEN MONITOR 121.9 MHZ.
7. STOCKPILES SHALL BE LESS THAN 20 FEET ABOVE EXISTING GROUND.
8. CONTRACTOR SHALL MAINTAIN AIRPORT SECURITY AT ALL TIMES.
9. IF ANY VEHICLE OR PEDESTRIAN INCURSION AND/OR SURFACE INCIDENTS OCCUR BY THE CONTRACTOR, THE EMPLOYEE WILL BE REMOVED FROM THE WORK SITE IMMEDIATELY AND SUBJECT TO AIRPORT PROVISIONS.

PHASING LEGEND

- PHASE 1 CONSTRUCTION
- PHASE 2 CONSTRUCTION
- PHASE 3 CONSTRUCTION
- PHASE 4 CONSTRUCTION
- PHASE 5 CONSTRUCTION
- PHASE 6 CONSTRUCTION
- PHASE 7 CONSTRUCTION
- CONTRACTOR STAGING AREA
- CONTRACTOR HAUL ROUTE/ CONSTRUCTION ACCESS ROUTE
- TRAFFIC ACCESS ROUTE
- LOW PROFILE BARRICADES (SEE SHEET C603)
- ROAD BARRICADES (SEE SHEET C603)
- FLAGGER

GRAPHIC SCALE
100 0 100 200
(IN FEET)

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MARK J. LOVATO PE-2009002094 12/09/13
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FOR AND ON BEHALF OF JVIATION, INC.

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APP: M.J.L.

ISSUE RECORD

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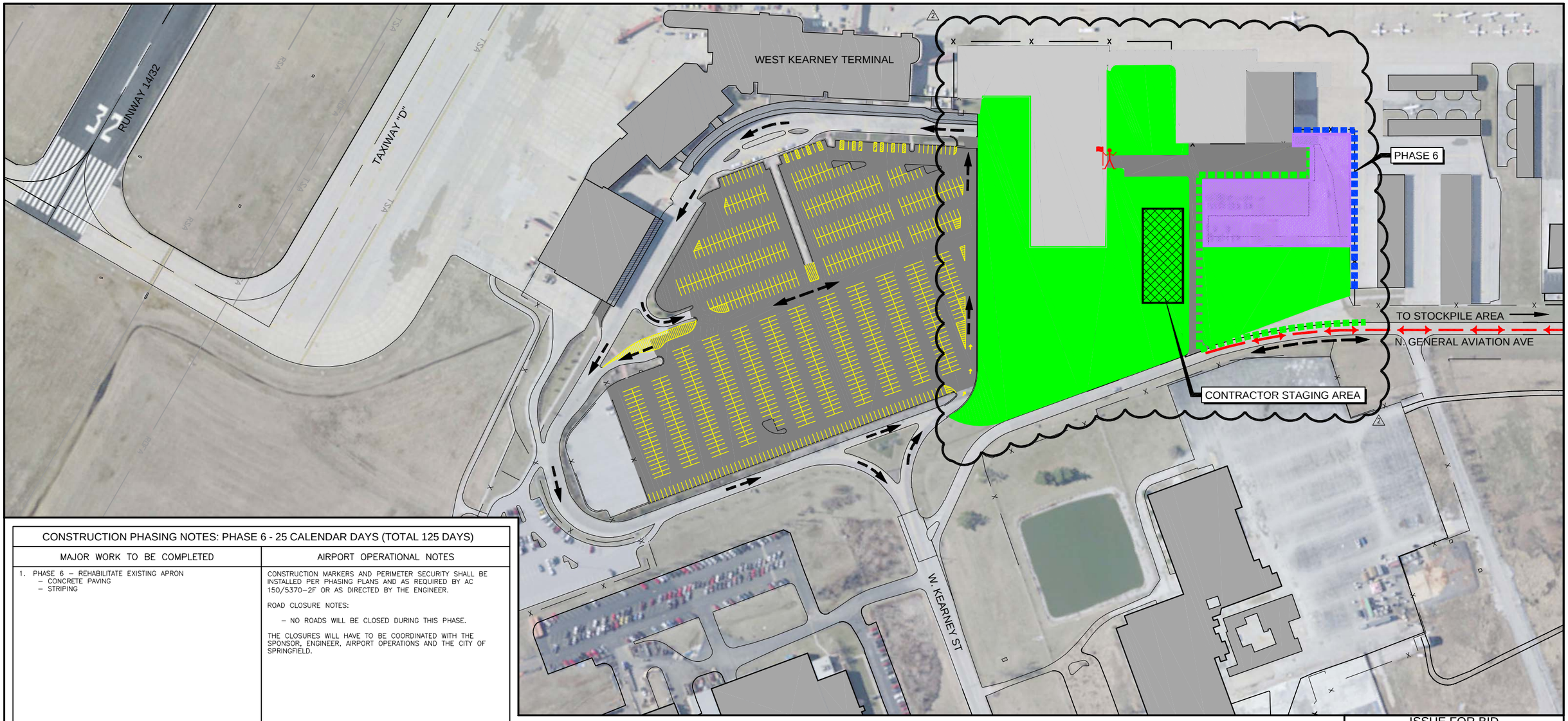
W. KEARNEY TERMINAL PARKING LOT AND GA REDEVELOPMENT

CONSTRUCTION SAFETY DRAWING
PHASE 5

JVIATION PROJ. NO. AIR 126-092A1
DATE: 12/09/13

SHEET NAME G017
SHEET NO. 17 of 125



CONSTRUCTION PHASING NOTES: PHASE 6 - 25 CALENDAR DAYS (TOTAL 125 DAYS)

MAJOR WORK TO BE COMPLETED

1. PHASE 6 – REHABILITATE EXISTING APRON
   - CONCRETE PAVING
   - STRIPING

AIRPORT OPERATIONAL NOTES

CONSTRUCTION MARKERS AND PERIMETER SECURITY SHALL BE INSTALLED PER PHASING PLANS AND AS REQUIRED BY AC 150/5370-2F OR AS DIRECTED BY THE ENGINEER.

ROAD CLOSURE NOTES:

- NO ROADS WILL BE CLOSED DURING THIS PHASE.

THE CLOSURES WILL HAVE TO BE COORDINATED WITH THE SPONSOR, ENGINEER, AIRPORT OPERATIONS AND THE CITY OF SPRINGFIELD.

OTHER NOTES

1. PHASE 6 CAN BE CONSTRUCTED SIMULTANEOUSLY WITH PHASES 2, 3, 4, 5 AND 7, BUT SHALL NOT EXCEED 25 CALENDAR DAYS.
2. CONTRACTOR SHALL PROVIDE GATE GUARDS TO ACCESS AND EXIT AIRPORT THROUGH SECURITY GATES.
3. CONTRACTOR IS RESPONSIBLE FOR ANY DAMAGE CAUSED TO THE EXISTING ROADWAYS BY CONSTRUCTION TRAFFIC AND WILL MAINTAIN THEM AT NO COST TO THE SPONSOR, INCLUDING STATE AND LOCAL ROADWAYS.
4. VACUUM AND SWEEPER TRUCKS SHALL BE AVAILABLE AT ALL TIMES TO CLEAN ALL CONSTRUCTION DEBRIS INCLUDING DEBRIS FROM HAUL ROUTE OR AREAS ADJACENT TO CONSTRUCTION.
5. CONTRACTOR IS RESPONSIBLE FOR ANY DAMAGE CAUSED TO EXISTING AIRCRAFT PAVEMENT OR AREAS ADJACENT TO CONSTRUCTION.
6. WHEN TOWER IS OPEN MONITOR 121.9 MHZ.
7. STOCKPILES SHALL BE LESS THAN 20 FEET ABOVE EXISTING GROUND.
8. CONTRACTOR SHALL MAINTAIN AIRPORT SECURITY AT ALL TIMES.
9. IF ANY VEHICLE OR PEDESTRIAN INCURSION AND/OR SURFACE INCIDENTS OCCUR BY THE CONTRACTOR, THE EMPLOYEE WILL BE REMOVED FROM THE WORK SITE IMMEDIATELY AND SUBJECT TO AIRPORT PROVISIONS.

PHASING LEGEND

- PHASE 1 CONSTRUCTION
- PHASE 2 CONSTRUCTION
- PHASE 3 CONSTRUCTION
- PHASE 4 CONSTRUCTION
- PHASE 5 CONSTRUCTION
- PHASE 6 CONSTRUCTION
- PHASE 7 CONSTRUCTION (NOT SHOWN)
- CONTRACTOR STAGING AREA
- CONTRACTOR HAUL ROUTE/ CONSTRUCTION ACCESS ROUTE
- HAUL ROUTE BRIDGE (SEE SHEET G005)
- TRAFFIC ACCESS ROUTE
- LOW PROFILE BARRICADES (SEE SHEET C603)
- ROAD BARRICADES (SEE SHEET C603)
- FLAGGER

GRAPHIC SCALE
100 0 100 200
(IN FEET)

ISSUE FOR BID
NOT FOR CONSTRUCTION

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MARK J. LOVATO PE-2009002094 12/09/13
NAME REG. NO. DATE
FOR AND ON BEHALF OF JVIATION, INC.

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CH: C.L.G.
APP: M.J.L.

ISSUE RECORD

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W. KEARNEY TERMINAL PARKING LOT AND GA REDEVELOPMENT

CONSTRUCTION SAFETY DRAWING
PHASE 6

JVIATION PROJ. NO. AIR 126-092A1
DATE: 12/09/13

SHEET NAME G018
SHEET NO. 18 of 125

SPRINGFIELD-BRANSON NATIONAL AIRPORT

SPRINGFIELD, MISSOURI

MoDOT PROJECT NUMBER: AIR 126-092A1

BID OPENING

DATE: August 5, 2013

TIME: 4:00 P.M. (LOCAL TIME)

WEST KEARNEY TERMINAL PARKING LOT AND GA REDEVELOPMENT

Bid Summary Item	Engineer's Estimate	Concrete Strategies	Emery Sapp & Sons	
Contract Proposal Form	√			
Certification by Bidder	√			
Buy American Certification	√			
Worker Eligibility Verification	√			
Disadvantaged Business Enterprise Participation	8.30%			
Received Addendum 1	√			
Received Addendum 2	√			
Sch. I -General Aviation Apron Redevelopment	$ 3,979,287.50	$ 5,751,859.75	$ 8,426,094.96	
Sch. II - West Kearney Terminal Parking Lot	$ 966,140.00	$ 1,467,564.04	$ 1,431,790.00	
Total - All Schedules	$ 4,945,427.50	$ 7,219,423.79	$ 9,857,884.96	
Sch. I -General Aviation Apron Redevelopment - Read At Bid Opening	$ 3,979,287.50	$ 5,716,264.38	$ 8,427,794.96	
Sch. II - West Kearney Terminal Parking Lot - Read At Bid Opening	$ 1,007,795.00	$ 1,467,706.88	$ 1,431,790.60	
Total - All Schedules - Read At Bid Opening	$ 4,987,082.50	$ 7,183,971.26	$ 9,859,585.56	

Items in Yellow were calculated differently than what was shown on the Bid Proposals

Item in Green was an error reading the .00 versus .60

BID TABULATION
SPRINGFIELD-BRANSON NATIONAL AIRPORT

SCHEDULE I				**Engineer's Estimate**		**Concrete Strategies**		**Emery Sapp & Sons**	
Item No.	Description	Estimated Quantity	Unit	Unit Cost	Total Cost	Unit Cost	Total Cost	Unit Cost	Total Cost
MO-100a	Mobilization	1	LS	$ 190,000.00	$ 190,000.00	$ 816,878.51	$ 816,878.51	$ 3,293,700.00	$ 3,293,700.00
MO-110a	1" PVC Conduit, Installed in Trench (DEB)	1,000	LF	$ 8.00	$ 8,000.00	$ 10.20	$ 10,200.00	$ 10.00	$ 10,000.00
MO-110d	2" PVC Conduit, Installed in Trench (DEB)	150	LF	$ 10.00	$ 1,500.00	$ 10.20	$ 1,530.00	$ 10.00	$ 1,500.00
MO-110e	2-4" PVC Conduit, Installed in Trench (DEB)	1,600	LF	$ 12.00	$ 19,200.00	$ 18.16	$ 29,056.00	$ 18.00	$ 28,800.00
MO-110f	4-3" PVC Conduit, Installed in Trench (DEB)	70	LF	$ 15.00	$ 1,050.00	$ 23.37	$ 1,635.90	$ 23.00	$ 1,610.00
MO-110g	3-2" PVC Duct Bank per City Utilities Standards (DEB)	1,700	LF	$ 12.00	$ 20,400.00	$ 15.83	$ 26,911.00	$ 16.00	$ 27,200.00
MO-152a	Class A Excavation	71,000	CY	$ 4.25	$ 301,750.00	$ 10.62	$ 754,020.00	$ 11.00	$ 781,000.00
MO-152b	Class C Excavation	14,200	CY	$ 8.00	$ 113,600.00	$ 15.93	$ 226,206.00	$ 25.00	$ 355,000.00
MO-152c	Igneous Rock Excavation	7,100	CY	$ 11.00	$ 78,100.00	$ 21.24	$ 150,804.00	$ 25.00	$ 177,500.00
MO-152d	Subgrade Preparation	24,200	SY	$ 2.00	$ 48,400.00	$ 3.19	$ 77,198.00	$ 8.00	$ 193,600.00
MO-155a	Fly Ash Treated Subgrade - 12 Inches	20,700	SY	$ 3.00	$ 62,100.00	$ 6.14	$ 127,098.00	$ 7.00	$ 144,900.00
MO-155b	Fly Ash - Type C	2,100	TON	$ 75.00	$ 157,500.00	$ 57.35	$ 120,435.00	$ 57.00	$ 119,700.00
MO-156a	Temporary Erosion Control	1	LS	$ 5,000.00	$ 5,000.00	$ 13,274.30	$ 13,274.30	$ 13,000.00	$ 13,000.00
MO-209a	Crushed Aggregate Base Course (6 inch)	3,600	SY	$ 8.00	$ 28,800.00	$ 8.12	$ 29,232.00	$ 8.00	$ 28,800.00
MO-401Sa	Mineral Aggregate (BP-1)	1,150	TON	$ 40.00	$ 46,000.00	$ 50.24	$ 57,776.00	$ 68.00	$ 78,200.00
MO-401Sb	Bituminous Asphalt Cement (BP-1)	75	TON	$ 500.00	$ 37,500.00	$ 584.08	$ 43,806.00	$ 68.00	$ 5,100.00
MO-603a	Bituminous Tack Coat	1,000	GAL	$ 1.50	$ 1,500.00	$ 2.43	$ 2,430.00	$ 0.50	$ 500.00
MO-620a	Temporary Pavement Markings	420	SF	$ 1.25	$ 525.00	$ 0.85	$ 357.00	$ 0.80	$ 336.00
MO-620b	Permanent Pavement Markings	1,300	SF	$ 1.25	$ 1,625.00	$ 1.28	$ 1,664.00	$ 1.25	$ 1,625.00
MO-701a	15 Inch Reinforced Concrete Pipe - Class V	330	LF	$ 65.00	$ 21,450.00	$ 95.58	$ 31,541.40	$ 69.00	$ 22,770.00
MO-701b	18 Inch Reinforced Concrete Pipe - Class V	810	LF	$ 70.00	$ 56,700.00	$ 84.96	$ 68,817.60	$ 74.00	$ 59,940.00
MO-701c	24 Inch Reinforced Concrete Pipe - Class V	185	LF	$ 80.00	$ 14,800.00	$ 127.44	$ 23,576.40	$ 84.00	$ 15,540.00
MO-701d	30 Inch Reinforced Concrete Pipe - Class V	375	LF	$ 85.00	$ 31,875.00	$ 132.75	$ 49,781.25	$ 168.00	$ 63,000.00
MO-701e	36 Inch Reinforced Concrete Pipe - Class V (Complete Replacement)	90	LF	$ 150.00	$ 13,500.00	$ 159.30	$ 14,337.00	$ 160.00	$ 14,400.00
MO-901a	Seeding with Hydromulch	7	AC	$ 2,000.00	$ 14,000.00	$ 1,752.23	$ 12,265.61	$ 1,719.00	$ 12,033.00
MoDOT-608a	Concrete Sidewalk	260	SY	$ 32.00	$ 8,320.00	$ 42.48	$ 11,044.80	$ 42.00	$ 10,920.00
MoDOT-720a	Mechanically Stabalized Earth Wall Systems (Complete In Place)	1,750	SF	$ 35.00	$ 61,250.00	$ 36.64	$ 64,120.00	$ 41.00	$ 71,750.00
MoDOT-731a	Install MoDOT Drop Inlet Type T	2	EA	$ 5,000.00	$ 10,000.00	$ 2,123.91	$ 4,247.82	$ 3,927.00	$ 7,854.00
MoDOT-731b	Install MoDOT Drop Inlet Type S-1	4	EA	$ 5,500.00	$ 22,000.00	$ 2,654.89	$ 10,619.56	$ 3,850.00	$ 15,400.00
MoDOT-903a	Traffic Signs (R1-1)	1	EA	$ 110.00	$ 110.00	$ 640.36	$ 640.36	$ 690.00	$ 690.00
MoDOT-903d	Traffic Signs (R7-8)	2	EA	$ 95.00	$ 190.00	$ 147.62	$ 295.24	$ 295.00	$ 590.00
MoDOT-903e	Traffic Signs (R7-8a)	2	EA	$ 55.00	$ 110.00	$ 32.39	$ 64.78	$ 100.00	$ 200.00
P-140a	Asphalt Pavement Removal (Full Depth)	24,110	SY	$ 4.00	$ 96,440.00	$ 1.77	$ 42,674.70	$ 3.50	$ 84,385.00
P-140b	Asphalt Pavement Removal (Partial Depth)	20	SY	$ 10.00	$ 200.00	$ 37.60	$ 752.00	$ 20.00	$ 400.00
P-140c	Apron Concrete Pavement Removal (Full Depth)	8,740	SY	$ 11.00	$ 96,140.00	$ 7.44	$ 65,025.60	$ 9.00	$ 78,660.00
P-140d	Road Concrete Pavement Removal (Full Depth)	5,100	SY	$ 8.50	$ 43,350.00	$ 5.31	$ 27,081.00	$ 5.50	$ 28,050.00
P-140e	Remove Curb and Gutter	6,335	LF	$ 5.00	$ 31,675.00	$ 5.31	$ 33,638.85	$ 1.50	$ 9,502.50
P-140f	Remove Sidewalk	235	SY	$ 8.00	$ 1,880.00	$ 2.13	$ 500.55	$ 2.50	$ 587.50
P-150a	Remove Existing ARFF Building	1	LS	$ 50,000.00	$ 50,000.00	$ 22,832.02	$ 22,832.02	$ 22,920.00	$ 22,920.00
P-150c	Remove Existing Miscellaneous Building	2	EA	$ 15,000.00	$ 30,000.00	$ 4,247.82	$ 8,495.64	$ 4,688.00	$ 9,376.00
P-150d	Remove Existing Covered Walkway	1	LS	$ 10,000.00	$ 10,000.00	$ 5,309.78	$ 5,309.78	$ 9,688.00	$ 9,688.00

BID TABULATION
SPRINGFIELD-BRANSON NATIONAL AIRPORT

SCHEDULE I				Engineer's Estimate		Concrete Strategies		Emery Sapp & Sons	
Item No.	Description	Estimated Quantity	Unit	Unit Cost	Total Cost	Unit Cost	Total Cost	Unit Cost	Total Cost
P-150e	Remove Existing Hangar Foundation	1	LS	$ 10,000.00	$ 10,000.00	$ 14,336.39	$ 14,336.39	$ 35,720.00	$ 35,720.00
P-150f	Remove Oil/Water Seperator (Complete)	1	LS	$ 1,500.00	$ 1,500.00	$ 3,185.87	$ 3,185.87	$ 2,820.00	$ 2,820.00
P-150g	Remove Retaining Wall	170	LF	$ 12.00	$ 2,040.00	$ 17.00	$ 2,890.00	$ 9.50	$ 1,615.00
P-150h	Remove Brick Wall (Complete)	130	LF	$ 12.00	$ 1,560.00	$ 19.12	$ 2,485.60	$ 20.50	$ 2,665.00
P-150i	Remove Existing Signs	17	EA	$ 75.00	$ 1,275.00	$ 212.40	$ 3,610.80	$ 84.00	$ 1,428.00
P-150k	Remove Fence	1,520	LF	$ 8.00	$ 12,160.00	$ 5.31	$ 8,071.20	$ 4.00	$ 6,080.00
P-150l	Remove Fuel Tank and Lines(Complete)	1	EA	$ 1,500.00	$ 1,500.00	$ 1,061.96	$ 1,061.96	$ 4,856.00	$ 4,856.00
P-150m	Remove Existing Water Line (Complete)	800	LF	$ 8.00	$ 6,400.00	$ 21.24	$ 16,992.00	$ 5.00	$ 4,000.00
P-150n	Remove Existing Water Manhole	1	EA	$ 750.00	$ 750.00	$ 1,061.96	$ 1,061.96	$ 375.00	$ 375.00
P-150o	Remove Existing Water Meter	4	EA	$ 250.00	$ 1,000.00	$ 530.98	$ 2,123.92	$ 110.00	$ 440.00
P-150p	Remove Water Valves	8	EA	$ 250.00	$ 2,000.00	$ 530.98	$ 4,247.84	$ 110.00	$ 880.00
P-150q	Remove Existing Fire Hydrant	2	EA	$ 250.00	$ 500.00	$ 530.98	$ 1,061.96	$ 165.00	$ 330.00
P-150r	Remove Irrigation Valve	1	EA	$ 150.00	$ 150.00	$ 530.98	$ 530.98	$ 109.46	$ 109.46
P-150s	Remove Existing Storm Line (12", 18", 24", 36")	2,400	LF	$ 18.00	$ 43,200.00	$ 21.24	$ 50,976.00	$ 8.00	$ 19,200.00
P-150t	Remove Existing Storm Inlet	21	EA	$ 1,500.00	$ 31,500.00	$ 1,061.96	$ 22,301.16	$ 375.00	$ 7,875.00
P-150u	Remove Existing Storm Manhole	2	EA	$ 1,500.00	$ 3,000.00	$ 1,061.96	$ 2,123.92	$ 375.00	$ 750.00
P-150w	Remove Existing Sanitary Pipe	180	LF	$ 18.00	$ 3,240.00	$ 21.24	$ 3,823.20	$ 8.00	$ 1,440.00
P-150x	Remove Existing Sanitary Manhole	5	EA	$ 1,500.00	$ 7,500.00	$ 1,592.94	$ 7,964.70	$ 375.00	$ 1,875.00
P-150y	Remove Existing Sanitary Cleanout	1	EA	$ 850.00	$ 850.00	$ 530.98	$ 530.98	$ 110.00	$ 110.00
P-150z	Remove Existing Manhole	2	EA	$ 1,500.00	$ 3,000.00	$ 1,592.94	$ 3,185.88	$ 375.00	$ 750.00
P-150aa	Remove City Utilites Transformer	3	EA	$ 250.00	$ 750.00	$ 323.90	$ 971.70	$ 320.00	$ 960.00
P-150bb	Remove Existing Natural Gas Pipe	900	LF	$ 18.00	$ 16,200.00	$ 15.93	$ 14,337.00	$ 8.00	$ 7,200.00
P-150cc	Remove Existing Natural Gas Meter	1	EA	$ 250.00	$ 250.00	$ 530.98	$ 530.98	$ 165.00	$ 165.00
P-150dd	Remove Existing Natural Gas Valve	1	EA	$ 250.00	$ 250.00	$ 530.98	$ 530.98	$ 110.00	$ 110.00
P-150ee	Remove Existing Underdrain	210	LF	$ 8.00	$ 1,680.00	$ 10.62	$ 2,230.20	$ 8.00	$ 1,680.00
P-150ff	Remove Overhead Power Cable	520	LF	$ 5.00	$ 2,600.00	$ 2.02	$ 1,050.40	$ 2.00	$ 1,040.00
P-150gg	Remove Light Pole and Foundation (Complete)	18	EA	$ 1,200.00	$ 21,600.00	$ 467.26	$ 8,410.68	$ 560.00	$ 10,080.00
P-150hh	Remove City Utilites Junction Cabinet	5	EA	$ 500.00	$ 2,500.00	$ 30.00	$ 150.00	$ 320.00	$ 1,600.00
P-150ii	Remove Telephone Pedestal	5	EA	$ 300.00	$ 1,500.00	$ 159.30	$ 796.50	$ 160.00	$ 800.00
P-150jj	Remove Bollards	16	EA	$ 75.00	$ 1,200.00	$ 79.65	$ 1,274.40	$ 78.00	$ 1,248.00
P-150ll	Remove Electrical Equipment Rack	1	EA	$ 350.00	$ 350.00	$ 642.49	$ 642.49	$ 630.00	$ 630.00
P-150mm	Remove Handhole	8	EA	$ 200.00	$ 1,600.00	$ 323.90	$ 2,591.20	$ 320.00	$ 2,560.00
P-150nn	Remove Junction Box	4	EA	$ 150.00	$ 600.00	$ 323.90	$ 1,295.60	$ 320.00	$ 1,280.00
P-150oo	Remove City Utilites Power Pole	6	EA	$ 300.00	$ 1,800.00	$ 461.96	$ 2,771.76	$ 450.00	$ 2,700.00
P-150pp	Remove Trees	28	EA	$ 400.00	$ 11,200.00	$ 530.98	$ 14,867.44	$ 520.00	$ 14,560.00
P-150rr	Adjust Existing Electrical Manhole	1	EA	$ 1,500.00	$ 1,500.00	$ 642.49	$ 642.49	$ 630.00	$ 630.00
P-150ss	Adjust Existing Manhole	2	EA	$ 1,500.00	$ 3,000.00	$ 1,061.96	$ 2,123.92	$ 125.00	$ 250.00
P-150tt	Adjust Electrical Handhole	1	EA	$ 250.00	$ 250.00	$ 477.88	$ 477.88	$ 470.00	$ 470.00
P-150uu	Adjust Existing Sanitary Cleanout	5	EA	$ 250.00	$ 1,250.00	$ 530.98	$ 2,654.90	$ 250.00	$ 1,250.00
P-150vv	Adjust Monitoring Well	2	EA	$ 1,000.00	$ 2,000.00	$ 2,123.91	$ 4,247.82	$ 500.00	$ 1,000.00
P-150xx	Adjust Miscellaneous Well	2	EA	$ 1,200.00	$ 2,400.00	$ 2,123.91	$ 4,247.82	$ 500.00	$ 1,000.00
P-150yy	Phase 1 Berm Removal	1	LS	$ 6,000.00	$ 6,000.00	$ 60,531.41	$ 60,531.41	$ 2,000.00	$ 2,000.00
P-151a	Clearing and Grubbing	1	LS	$ 5,000.00	$ 5,000.00	$ 5,309.78	$ 5,309.78	$ 3,300.00	$ 3,300.00
P-203a	Bituminous Drainable Layer (4-inch)	4,300	SY	$ 9.00	$ 38,700.00	$ 13.81	$ 59,383.00	$ 14.00	$ 60,200.00

BID TABULATION
SPRINGFIELD-BRANSON NATIONAL AIRPORT

SCHEDULE I				Engineer's Estimate		Concrete Strategies		Emery Sapp & Sons	
Item No.	Description	Estimated Quantity	Unit	Unit Cost	Total Cost	Unit Cost	Total Cost	Unit Cost	Total Cost
P-203b	Bituminous Drainable Layer (6-inch)	16,400	SY	$ 13.50	$ 221,400.00	$ 18.27	$ 299,628.00	$ 20.00	$ 328,000.00
P-222a	Soil Sterilization	24,200	SY	$ 0.25	$ 6,050.00	$ 1.44	$ 34,848.00	$ 0.35	$ 8,470.00
P-312a	Install Stabilization Fabric	20,620	SY	$ 2.50	$ 51,550.00	$ 0.78	$ 16,083.60	$ 9.00	$ 185,580.00
P-501a	Portland Cement Concrete Pavement (6-inch)	2,900	SY	$ 45.00	$ 130,500.00	$ 39.78	$ 115,362.00	$ 39.00	$ 113,100.00
P-501b	Portland Cement Concrete Pavement (11-inch)	14,550	SY	$ 50.00	$ 727,500.00	$ 54.33	$ 790,501.50	$ 59.00	$ 858,450.00
P-501c	Portland Cement Concrete Pavement (6-inch Reinforced)	1,400	SY	$ 69.00	$ 96,600.00	$ 43.05	$ 60,270.00	$ 47.00	$ 65,800.00
P-501d	Portland Cement Concrete Pavement (11-inch Reinforced)	1,800	SY	$ 78.00	$ 140,400.00	$ 55.08	$ 99,144.00	$ 67.00	$ 120,600.00
F-162a	Install 8-Foot Chain-Link Fence	2,850	LF	$ 22.00	$ 62,700.00	$ 23.76	$ 67,716.00	$ 22.37	$ 63,754.50
F-162b	Install Temporary Chain-Link Fence	1,725	LF	$ 10.00	$ 17,250.00	$ 15.72	$ 27,117.00	$ 14.80	$ 25,530.00
F-165a	Install Vertical Pivot Gate (Complete)	1	EA	$ 30,000.00	$ 30,000.00	$ 44,602.09	$ 44,602.09	$ 42,000.00	$ 42,000.00
F-165b	Remove Existing Vertical Pivot Gate	1	EA	$ 1,200.00	$ 1,200.00	$ 2,336.30	$ 2,336.30	$ 1,200.00	$ 1,200.00
D-705a	Install 6 Inch Perforated Underdrain	950	LF	$ 22.00	$ 20,900.00	$ 21.24	$ 20,178.00	$ 17.00	$ 16,150.00
D-705b	Install 6 Inch Non-Perforated Underdrain	100	LF	$ 20.00	$ 2,000.00	$ 21.24	$ 2,124.00	$ 14.00	$ 1,400.00
D-751a	Install Aircraft Rated Double Inlet Type I	9	EA	$ 6,500.00	$ 58,500.00	$ 2,973.48	$ 26,761.32	$ 4,230.00	$ 38,070.00
D-751b	Install Aircraft Rated 5' Manhole	5	EA	$ 8,500.00	$ 42,500.00	$ 7,433.69	$ 37,168.45	$ 8,180.00	$ 40,900.00
D-751c	Install Underdrain Inspection Pit	1	EA	$ 3,000.00	$ 3,000.00	$ 1,061.96	$ 1,061.96	$ 635.00	$ 635.00
D-751d	Install Underdrain Clean out	4	EA	$ 1,500.00	$ 6,000.00	$ 1,061.96	$ 4,247.84	$ 640.00	$ 2,560.00
D-751e	Connect to Existing Storm Structure	1	EA	$ 600.00	$ 600.00	$ 1,592.94	$ 1,592.94	$ 798.00	$ 798.00
D-751f	Connect to Existing Sanitary Structure	3	EA	$ 500.00	$ 1,500.00	$ 1,592.94	$ 4,778.82	$ 798.00	$ 2,394.00
D-754a	Concrete Curb and Gutter (6" curb with 2' pan)	2,205	LF	$ 14.00	$ 30,870.00	$ 20.18	$ 44,496.90	$ 19.00	$ 41,895.00
D-754b	Concrete Curb and Gutter (6" curb with 1' pan)	165	LF	$ 13.00	$ 2,145.00	$ 19.12	$ 3,154.80	$ 18.00	$ 2,970.00
D-754c	Concrete Curb and Gutter (8" curb with 2' pan)	285	LF	$ 15.00	$ 4,275.00	$ 21.24	$ 6,053.40	$ 20.00	$ 5,700.00
L-139a	Temporary Construction Traffic Control (All Phases)	1	LS	$ 2,000.00	$ 2,000.00	$ 21,239.09	$ 21,239.09	$ 10,160.00	$ 10,160.00
U-02510a	Install Water Line System Per City Utilities (Complete)	1	LS	$ 140,000.00	$ 140,000.00	$ 265,488.60	$ 265,488.60	$ 203,950.00	$ 203,950.00
U-02550a	Install Gas Line System Per City Utilities (Complete)	1	LS	$ 8,967.50	$ 8,967.50	$ 53,097.72	$ 53,097.72	$ 42,140.00	$ 42,140.00
U-02550b	Install Sanitary Line (Complete)	1,265	LF	$ 35.00	$ 44,275.00	$ 132.75	$ 167,928.75	$ 54.00	$ 68,310.00
U-02550c	Install Sanitary Line Service (Service shall include connection to main)	17	EA	$ 850.00	$ 14,450.00	$ 3,185.87	$ 54,159.79	$ 1,055.00	$ 17,935.00
Div-26a	#6 AWG 600V Insulated Conductor	130	LF	$ 1.75	$ 227.50	$ 1.49	$ 193.70	$ 1.40	$ 182.00
Div-26b	#8 AWG 600V Insulated Conductor	690	LF	$ 1.25	$ 862.50	$ 1.23	$ 848.70	$ 1.15	$ 793.50
Div-26c	#10 AWG 600V Insulated Conductor	2,870	LF	$ 1.00	$ 2,870.00	$ 1.07	$ 3,070.90	$ 1.00	$ 2,870.00
Div-26d	#12 AWG 600V Insulated Conductor	60	LF	$ 0.75	$ 45.00	$ 0.96	$ 57.60	$ 0.90	$ 54.00
Div-26e	3/0 AWG 600V Insulated Conductor	350	LF	$ 5.00	$ 1,750.00	$ 5.58	$ 1,953.00	$ 5.25	$ 1,837.50
Div-26f	Install Handhole	4	EA	$ 4,000.00	$ 16,000.00	$ 2,840.73	$ 11,362.92	$ 2,675.00	$ 10,700.00
Div-26g	Junction Box	1	EA	$ 1,000.00	$ 1,000.00	$ 637.18	$ 637.18	$ 600.00	$ 600.00
Div-26i	Install City Utilites Provided Junction Cabinet	3	EA	$ 1,000.00	$ 3,000.00	$ 690.28	$ 2,070.84	$ 650.00	$ 1,950.00
Div-26j	Install City Utilities Provided Single-Phase Transformer	2	EA	$ 1,000.00	$ 2,000.00	$ 1,869.04	$ 3,738.08	$ 1,760.00	$ 3,520.00
Div-26k	Install City Utilites Provided 3-Phase Transformer	1	EA	$ 1,200.00	$ 1,200.00	$ 2,230.11	$ 2,230.11	$ 2,100.00	$ 2,100.00
Div-26l	Install Roadway Lighting Power Frame	1	EA	$ 5,000.00	$ 5,000.00	$ 10,725.74	$ 10,725.74	$ 10,100.00	$ 10,100.00
Div-26m	Electrical for Vertical Pivot Grate	1	EA	$ 7,000.00	$ 7,000.00	$ 6,000.05	$ 6,000.05	$ 5,650.00	$ 5,650.00
Div-26n	Type "A" Luminaire	1	EA	$ 5,000.00	$ 5,000.00	$ 4,300.92	$ 4,300.92	$ 4,050.00	$ 4,050.00
Div-26q	Type "D" Luminaire	7	EA	$ 4,800.00	$ 33,600.00	$ 4,300.92	$ 30,106.44	$ 4,050.00	$ 28,350.00
Div-26r	Type "E" Luminaire	2	EA	$ 6,000.00	$ 12,000.00	$ 4,300.92	$ 8,601.84	$ 4,050.00	$ 8,100.00
Div-26t	12 Strand Multi Mode Fiber Optic Cable	770	LF	$ 3.50	$ 2,695.00	$ 49.07	$ 37,783.90	$ 4.20	$ 3,234.00

BID TABULATION
SPRINGFIELD-BRANSON NATIONAL AIRPORT

SCHEDULE I				**Engineer's Estimate**		**Concrete Strategies**		**Emery Sapp & Sons**	
Item No.	Description	Estimated Quantity	Unit	Unit Cost	Total Cost	Unit Cost	Total Cost	Unit Cost	Total Cost
Div-26u	36 Strand Combo Fiber Optic Cable	3,680	LF	$ 4.50	$ 16,560.00	$ 3.51	$ 12,916.80	$ 3.30	$ 12,144.00
Div-26v	Aircraft Rated Handhole	1	EA	$ 7,500.00	$ 7,500.00	$ 11,309.82	$ 11,309.82	$ 10,650.00	$ 10,650.00
TOTAL SCHEDULE I					**$ 3,979,287.50**		**$ 5,751,859.75**		**$ 8,426,094.96**

BID TABULATION
SPRINGFIELD-BRANSON NATIONAL AIRPORT

SCHEDULE II				**Engineer's Estimate**		**Concrete Strategies**		**Emery Sapp & Sons**	
Item No.	Description	Estimated Quantity	Unit	Unit Cost	Total Cost	Unit Cost	Total Cost	Unit Cost	Total Cost
MO-100a	Mobilization	1	LS	$ 50,000.00	$ 50,000.00	$ 382,381.22	$ 382,381.22	$ 465,000.00	$ 465,000.00
MO-110a	1" PVC Conduit, Installed in Trench (DEB)	1,100	LF	$ 8.00	$ 8,800.00	$ 10.26	$ 11,286.00	$ 9.65	$ 10,615.00
MO-110b	1" HDPE Conduit, Installed by Directional Boring	600	LF	$ 15.00	$ 9,000.00	$ 17.01	$ 10,206.00	$ 16.00	$ 9,600.00
MO-110c	3/4" PVC Conduit, Installed in Trench (DEB)	150	LF	$ 7.00	$ 1,050.00	$ 8.19	$ 1,228.50	$ 7.70	$ 1,155.00
MO-110g	3-2" PVC Duct Bank per City Utilities Standards (DEB)	600	LF	$ 12.00	$ 7,200.00	$ 15.84	$ 9,504.00	$ 15.00	$ 9,000.00
MO-152a	Class A Excavation	2,700	CY	$ 4.25	$ 11,475.00	$ 15.95	$ 43,065.00	$ 9.00	$ 24,300.00
MO-152b	Class C Excavation	600	CY	$ 8.00	$ 4,800.00	$ 21.27	$ 12,762.00	$ 25.00	$ 15,000.00
MO-152c	Igneous Rock Excavation	300	CY	$ 11.00	$ 3,300.00	$ 26.58	$ 7,974.00	$ 25.00	$ 7,500.00
MO-152d	Subgrade Preparation	10,600	SY	$ 2.00	$ 21,200.00	$ 3.19	$ 33,814.00	$ 5.00	$ 53,000.00
MO-156a	Temporary Erosion Control	1	LS	$ 5,000.00	$ 5,000.00	$ 4,942.98	$ 4,942.98	$ 4,650.00	$ 4,650.00
MO-209a	Crushed Aggregate Base Course (6 inch)	10,600	SY	$ 8.00	$ 84,800.00	$ 8.21	$ 87,026.00	$ 8.00	$ 84,800.00
MO-401Sa	Mineral Aggregate (BP-1)	3,150	TON	$ 40.00	$ 126,000.00	$ 44.60	$ 140,490.00	$ 70.00	$ 220,500.00
MO-401Sb	Bituminous Asphalt Cement (BP-1)	205	TON	$ 500.00	$ 102,500.00	$ 584.66	$ 119,855.30	$ 70.00	$ 14,350.00
MO-603a	Bituminous Tack Coat	2,600	GAL	$ 1.50	$ 3,900.00	$ 2.43	$ 6,318.00	$ 0.50	$ 1,300.00
MO-620a	Temporary Pavement Markings	11,500	SF	$ 1.25	$ 14,375.00	$ 0.86	$ 9,890.00	$ 0.80	$ 9,200.00
MO-620b	Permanent Pavement Markings	11,500	SF	$ 1.25	$ 14,375.00	$ 1.28	$ 14,720.00	$ 1.20	$ 13,800.00
MO-701a	15 Inch Reinforced Concrete Pipe - Class V	280	LF	$ 65.00	$ 18,200.00	$ 74.42	$ 20,837.60	$ 50.00	$ 14,000.00
MO-701b	18 Inch Reinforced Concrete Pipe - Class V	385	LF	$ 70.00	$ 26,950.00	$ 79.73	$ 30,696.05	$ 85.00	$ 32,725.00
MO-701f	18" F.E.S.	2	EA	$ 600.00	$ 1,200.00	$ 744.11	$ 1,488.22	$ 495.00	$ 990.00
MO-901a	Seeding with Hydromulch	1	AC	$ 2,000.00	$ 2,000.00	$ 1,753.96	$ 1,753.96	$ 1,650.00	$ 1,650.00
MoDOT-608a	Concrete Sidewalk	300	SY	$ 32.00	$ 9,600.00	$ 42.53	$ 12,759.00	$ 40.05	$ 12,015.00
MoDOT-608b	Concrete Median Strip	460	SY	$ 30.00	$ 13,800.00	$ 53.16	$ 24,453.60	$ 50.00	$ 23,000.00
MoDOT-608c	Roundabout Mountable Curb	400	LF	$ 27.00	$ 10,800.00	$ 21.27	$ 8,508.00	$ 20.00	$ 8,000.00
MoDOT-608d	Roundabout Red Stamped Concrete Truck Apron	417	SY	$ 134.89	$ 56,250.00	$ 74.42	$ 31,033.14	$ 70.00	$ 29,190.00
MoDOT-731a	Install MoDOT Drop Inlet Type T	7	EA	$ 5,000.00	$ 35,000.00	$ 2,126.02	$ 14,882.14	$ 3,327.00	$ 23,289.00
MoDOT-731b	Install MoDOT Drop Inlet Type S-1	1	EA	$ 5,500.00	$ 5,500.00	$ 2,657.52	$ 2,657.52	$ 4,015.00	$ 4,015.00
MoDOT-903a	Traffic Signs (R1-1)	3	EA	$ 110.00	$ 330.00	$ 641.00	$ 1,923.00	$ 690.00	$ 2,070.00
MoDOT-903b	Traffic Signs (R1-2)	4	EA	$ 100.00	$ 400.00	$ 576.15	$ 2,304.60	$ 685.00	$ 2,740.00
MoDOT-903c	Traffic Signs (R3-7R)	1	EA	$ 95.00	$ 95.00	$ 462.41	$ 462.41	$ 690.00	$ 690.00
MoDOT-903d	Traffic Signs (R7-8)	8	EA	$ 95.00	$ 760.00	$ 148.29	$ 1,186.32	$ 305.00	$ 2,440.00
MoDOT-903e	Traffic Signs (R7-8a)	2	EA	$ 55.00	$ 110.00	$ 32.43	$ 64.86	$ 200.00	$ 400.00
MoDOT-903f	Traffic Signs (R5-1)	5	EA	$ 100.00	$ 500.00	$ 641.00	$ 3,205.00	$ 690.00	$ 3,450.00
MoDOT-903g	Traffic Signs (R3-5R)	1	EA	$ 95.00	$ 95.00	$ 544.26	$ 544.26	$ 710.00	$ 710.00
MoDOT-903h	Traffic Signs (D1-5 #1)	1	EA	$ 1,000.00	$ 1,000.00	$ 1,331.95	$ 1,331.95	$ 3,900.00	$ 3,900.00
MoDOT-903i	Traffic Signs (D1-5 #2)	1	EA	$ 1,000.00	$ 1,000.00	$ 1,331.95	$ 1,331.95	$ 3,900.00	$ 3,900.00
MoDOT-903j	Traffic Signs (D1-5 #3)	1	EA	$ 1,000.00	$ 1,000.00	$ 1,331.95	$ 1,331.95	$ 3,900.00	$ 3,900.00
MoDOT-903k	Traffic Signs (R4-7c)	3	EA	$ 110.00	$ 330.00	$ 245.56	$ 736.68	$ 450.00	$ 1,350.00
MoDOT-903l	Traffic Signs (R6-4)	4	EA	$ 300.00	$ 1,200.00	$ 347.71	$ 1,390.84	$ 770.00	$ 3,080.00
MoDOT-903m	Traffic Signs (D1-1 #1)	1	EA	$ 200.00	$ 200.00	$ 507.06	$ 507.06	$ 1,750.00	$ 1,750.00
MoDOT-903n	Traffic Signs (D1-1 #2)	1	EA	$ 250.00	$ 250.00	$ 777.06	$ 777.06	$ 2,250.00	$ 2,250.00
MoDOT-903o	Traffic Signs (D1-1 #3)	1	EA	$ 200.00	$ 200.00	$ 507.06	$ 507.06	$ 1,750.00	$ 1,750.00
MoDOT-903p	Traffic Signs (D1-1 #4)	1	EA	$ 250.00	$ 250.00	$ 777.06	$ 777.06	$ 2,250.00	$ 2,250.00
P-140a	Asphalt Pavement Removal (Full Depth)	4,550	SY	$ 4.00	$ 18,200.00	$ 2.47	$ 11,238.50	$ 3.25	$ 14,787.50

BID TABULATION
SPRINGFIELD-BRANSON NATIONAL AIRPORT

SCHEDULE II				**Engineer's Estimate**		**Concrete Strategies**		**Emery Sapp & Sons**	
Item No.	Description	Estimated Quantity	Unit	Unit Cost	Total Cost	Unit Cost	Total Cost	Unit Cost	Total Cost
P-140b	Asphalt Pavement Removal (Partial Depth)	30	SY	$ 10.00	$ 300.00	$ 33.17	$ 995.10	$ 20.00	$ 600.00
P-140d	Road Concrete Pavement Removal (Full Depth)	3,400	SY	$ 8.50	$ 28,900.00	$ 5.32	$ 18,088.00	$ 5.00	$ 17,000.00
P-140e	Remove Curb and Gutter	5,270	LF	$ 5.00	$ 26,350.00	$ 5.32	$ 28,036.40	$ 2.00	$ 10,540.00
P-140f	Remove Sidewalk	475	SY	$ 8.00	$ 3,800.00	$ 2.13	$ 1,011.75	$ 3.00	$ 1,425.00
P-150b	Remove Existing Toll Booths and Canopy	1	LS	$ 10,000.00	$ 10,000.00	$ 15,945.00	$ 15,945.00	$ 9,300.00	$ 9,300.00
P-150i	Remove Existing Signs	21	EA	$ 75.00	$ 1,575.00	$ 212.61	$ 4,464.81	$ 85.00	$ 1,785.00
P-150j	Remove Airport Enterance Sign and Lights	1	LS	$ 5,000.00	$ 5,000.00	$ 2,126.00	$ 2,126.00	$ 760.00	$ 760.00
P-150m	Remove Existing Water Line (Complete)	710	LF	$ 8.00	$ 5,680.00	$ 21.27	$ 15,101.70	$ 8.00	$ 5,680.00
P-150o	Remove Existing Water Meter	1	EA	$ 250.00	$ 250.00	$ 531.51	$ 531.51	$ 110.00	$ 110.00
P-150r	Remove Irrigation Valve	2	EA	$ 150.00	$ 300.00	$ 531.51	$ 1,063.02	$ 110.00	$ 220.00
P-150s	Remove Existing Storm Line (12", 18", 24", 36")	730	LF	$ 18.00	$ 13,140.00	$ 21.27	$ 15,527.10	$ 8.00	$ 5,840.00
P-150t	Remove Existing Storm Inlet	5	EA	$ 1,500.00	$ 7,500.00	$ 1,063.00	$ 5,315.00	$ 375.00	$ 1,875.00
P-150v	Remove FES	1	EA	$ 250.00	$ 250.00	$ 531.51	$ 531.51	$ 185.00	$ 185.00
P-150w	Remove Existing Sanitary Pipe	690	LF	$ 18.00	$ 12,420.00	$ 21.27	$ 14,676.30	$ 8.00	$ 5,520.00
P-150z	Remove Existing Manhole	1	EA	$ 1,500.00	$ 1,500.00	$ 1,594.51	$ 1,594.51	$ 375.00	$ 375.00
P-150ee	Remove Existing Underdrain	570	LF	$ 8.00	$ 4,560.00	$ 15.95	$ 9,091.50	$ 8.00	$ 4,560.00
P-150gg	Remove Light Pole and Foundation (Complete)	6	EA	$ 1,200.00	$ 7,200.00	$ 611.23	$ 3,667.38	$ 575.00	$ 3,450.00
P-150jj	Remove Bollards	6	EA	$ 75.00	$ 450.00	$ 79.73	$ 478.38	$ 75.00	$ 450.00
P-150kk	Remove Lighted Bollard	1	EA	$ 100.00	$ 100.00	$ 164.77	$ 164.77	$ 155.00	$ 155.00
P-150mm	Remove Handhole	1	EA	$ 200.00	$ 200.00	$ 318.91	$ 318.91	$ 300.00	$ 300.00
P-150nn	Remove Junction Box	2	EA	$ 150.00	$ 300.00	$ 637.81	$ 1,275.62	$ 300.00	$ 600.00
P-150pp	Remove Trees	18	EA	$ 400.00	$ 7,200.00	$ 531.51	$ 9,567.18	$ 500.00	$ 9,000.00
P-150qq	Relocate Irrigation Control Box	5	EA	$ 500.00	$ 2,500.00	$ 1,063.01	$ 5,315.05	$ 600.00	$ 3,000.00
P-150tt	Adjust Electrical Handhole	2	EA	$ 250.00	$ 500.00	$ 637.81	$ 1,275.62	$ 600.00	$ 1,200.00
P-150ww	Adjust Water Valve	3	EA	$ 250.00	$ 750.00	$ 531.51	$ 1,594.53	$ 125.00	$ 375.00
P-151a	Clearing and Grubbing	1	LS	$ 5,000.00	$ 5,000.00	$ 5,315.03	$ 5,315.03	$ 1,120.00	$ 1,120.00
P-222a	Soil Sterilization	10,600	SY	$ 0.25	$ 2,650.00	$ 1.41	$ 14,946.00	$ 0.35	$ 3,710.00
P-609a	Seal Coat Existing Parking Lot	45,000	SY	$ 0.90	$ 40,500.00	$ 1.64	$ 73,800.00	$ 1.45	$ 65,250.00
D-705a	Type M Riprap	25	SY	$ 50.00	$ 1,250.00	$ 106.31	$ 2,657.75	$ 30.00	$ 750.00
D-751b	Install Aircraft Rated 5' Manhole	2	EA	$ 8,500.00	$ 17,000.00	$ 7,441.05	$ 14,882.10	$ 7,730.00	$ 15,460.00
D-751e	Connect to Existing Storm Structure	5	EA	$ 600.00	$ 3,000.00	$ 1,594.51	$ 7,972.55	$ 800.00	$ 4,000.00
D-754a	Concrete Curb and Gutter (6" curb with 2' pan)	1,470	LF	$ 14.00	$ 20,580.00	$ 20.20	$ 29,694.00	$ 19.00	$ 27,930.00
D-754b	Concrete Curb and Gutter (6" curb with 1' pan)	585	LF	$ 13.00	$ 7,605.00	$ 19.14	$ 11,196.90	$ 18.00	$ 10,530.00
D-754d	Concrete Drain Pan (4 ft)	55	LF	$ 32.00	$ 1,760.00	$ 37.18	$ 2,044.90	$ 21.00	$ 1,155.00
L-139a	Temporary Construction Traffic Control (All Phases)	1	LS	$ 5,000.00	$ 5,000.00	$ 5,315.03	$ 5,315.03	$ 9,750.00	$ 9,750.00
Div-26b	#8 AWG 600V Insulated Conductor	690	LF	$ 1.25	$ 862.50	$ 1.23	$ 848.70	$ 1.15	$ 793.50
Div-26c	#10 AWG 600V Insulated Conductor	5,330	LF	$ 1.00	$ 5,330.00	$ 1.07	$ 5,703.10	$ 1.00	$ 5,330.00
Div-26d	#12 AWG 600V Insulated Conductor	450	LF	$ 0.75	$ 337.50	$ 0.96	$ 432.00	$ 0.90	$ 405.00
Div-26f	Install Handhole	1	EA	$ 4,000.00	$ 4,000.00	$ 2,843.55	$ 2,843.55	$ 2,675.00	$ 2,675.00
Div-26g	Junction Box	1	EA	$ 1,000.00	$ 1,000.00	$ 637.81	$ 637.81	$ 600.00	$ 600.00
Div-26h	Adjust Handhole	1	EA	$ 4,000.00	$ 4,000.00	$ 919.51	$ 919.51	$ 865.00	$ 865.00
Div-26i	Install City Utilites Provided Junction Cabinet	1	EA	$ 1,000.00	$ 1,000.00	$ 680.33	$ 680.33	$ 640.00	$ 640.00
Div-26o	Type "B" Luminaire	3	EA	$ 12,000.00	$ 36,000.00	$ 4,485.89	$ 13,457.67	$ 4,220.00	$ 12,660.00
Div-26p	Type "C" Luminaire	1	EA	$ 6,000.00	$ 6,000.00	$ 4,358.33	$ 4,358.33	$ 4,100.00	$ 4,100.00

BID TABULATION
SPRINGFIELD-BRANSON NATIONAL AIRPORT

SCHEDULE II				**Engineer's Estimate**		**Concrete Strategies**		**Emery Sapp & Sons**	
Item No.	Description	Estimated Quantity	Unit	Unit Cost	Total Cost	Unit Cost	Total Cost	Unit Cost	Total Cost
Div-26q	Type "D" Luminaire	6	EA	$ 4,800.00	$ 28,800.00	$ 4,358.33	$ 26,149.98	$ 4,100.00	$ 24,600.00
Div-26s	Type "F" Luminaire	3	EA	$ 800.00	$ 2,400.00	$ 3,933.12	$ 11,799.36	$ 3,700.00	$ 11,100.00
TOTAL SCHEDULE II					**$ 1,007,795.00**		**$ 1,467,564.04**		**$ 1,431,790.00**