

**RECONSTRUCT T-HANGAR TAXILANES**  
**FOR THE COUNTY MEMORIAL AIRPORT**  
**NEW MADRID COUNTY, MISSOURI**  
**MODOT PROJECT NO. 20-080B-1**  
**ADDENDUM NO. 1**

August 28, 2020

Addendum No. 1 consists of the following clarifications, changes, additions, etc.

Attachments:

- Non-Mandatory Prebid Meeting Minutes and Attendance Sheet (5 pages)
- Federal Wage Rates dated August 14, 2020
- Revised P-154 Subbase Course Technical Specification
- Revised Proposal Form Signature Page PF-11
- Revised Plan Sheets: CG101, CG102, CP501

**Question and Answer Post Pre-Bid Meeting:** The following are questions that have been submitted to the Burns & McDonnell project manager, in writing via email, with their subsequent responses.

**Q:** We obtained documents on the project via download electronically only. On this attachment (Proposal Form – page PF-11), it states this executed proposal form must be submitted in the original bound project manual. Are we to return a full hard copy of the project manual or just include this sheet in with our bid packet?

**A:** The Project Manual shall be submitted in its entirety. As stated in the Instruction to Bidders and on Proposal Form – page PF-11, the executed proposal form must be submitted in the original bound Project Manual.

**Q:** Will this be an electronic bid process or physically turned in? The Notice to Bidders states “By Electronic Bid Process” but then in the specs it has a location of being turned in to the county courthouse and read aloud following the opening. Could you please confirm on the process of this bid submittal?

**A:** The entire project manual shall be submitted at the County Courthouse as described in the response to the previous question. There is not an electronic bid process for this project. See the Clarifications section of this Addendum No. 1 for additional information.

**Q:** Can you provide a profile for the ditch work? Cross section.

**A:** See Sheets CG101 and CG102 for the ditch profile. See revised Plan Sheets CG101, CG102 and CP501 attached to this Addendum No. 1 regarding the proposed ditch typical section.

**Clarifications:**

Request for Bids/Invitation for Bids (Advertisement) dated August 12, 2020

Replace the words "BY ELECTRONIC BID PROCESS" with the following:  
"at the New Madrid County Courthouse, 450 Main Street, New Madrid, MO 63869."

Item C-105 Mobilization

Note that the Mobilization Limit for Item C-105-6.1 is limited to 10 percent of the total project cost as specified in Section 105-2.1

**Project Manual:**

Federal Wage Rates

Replace the Federal Wage Rates in their entirety with the attached Federal Wage Rates dated August 14, 2020.

Technical Specifications

Replace Item P-154 Subbase Course in its entirety with the attached revised Item P-154 Subbase Course specification.

Proposal Form

Replace Signature Page PF-11 in its entirety with the attached revised Page PF-11.

**Plans:**

Replace Sheet CG101 with the attached revised Sheet CG101.

Replace Sheet CG102 with the attached revised Sheet CG102.

Replace Sheet CP501 with the attached revised Sheet CP501.

Acknowledge receipt and acceptance of this addendum in the appropriate space below.

Ryan Lorton, PE  
Project Manager  
Burns & McDonnell

\_\_\_\_\_  
Name of Firm

\_\_\_\_\_  
Signature of Authorized Person of Above Firm

\_\_\_\_\_  
Title

\_\_\_\_\_  
Date

**COUNTY MEMORIAL AIRPORT  
NEW MADRID COUNTY, MISSOURI  
RECONSTRUCT T-HANGAR TAXILANES  
PREBID MEETING MINUTES  
MODOT PROJECT NO. 20-080B-1  
BMcD NO. 122599  
AGENDA  
AUGUST 25, 2020  
10:00 A.M.**

*Items in italics are a summary of the Pre-Bid Meeting Minutes.*

**1. Introductions**

- a. MoDOT Aviation
- b. Burns & McDonnell
- c. Attendees. *See attached Pre-Bid Meeting Attendance Sheet.*

**2. Review of Project**

- a. Base Bid: Reconstruct T-Hangar Taxilanes and Grading Improvements.
- b. Pavement Section: 6" Concrete Pavement (P-501) on 6" Subbase Course (P-154) on Geotextile Grid on Geotextile Fabric. *Anticipate issuing a revised P-154 Technical Specification in the upcoming Addendum.*
- c. Grading improvements to the north.
- d. Time of Completion:
  - 45 calendar days.
- e. Liquidated damages: Section 80-08,
  - Base Bid - \$1,500 per calendar day.

**3. Bidding of Project**

- a. Bid Opening: **September 3, 2020, 10:00 A.M. CST** at New Madrid County Courthouse, 450 Main Street, New Madrid, Missouri 63869.
- b. Anticipated Notice-To-Proceed: **spring/summer 2021**. Bids may be held up to 90 days from the Bid Opening.
- c. Award of project is contingent upon the Owner receiving Federal funding assistance.

**4. Owner Provided Items**

- a. Issue NOTAMS when notified by the Contractor 48 hours in advance of need.

5. **Federal & State Wage Rates** *are included in the Project Manual.*

6. **Buy American Certification**

- a. Contractor shall fill out Buy American Certification as part of Bid Proposal. Bidder must comply with Title 49 U.S.C., Section 50101.

7. **DBE Participation**

- a. Goal for Contract: 4.0 percent.
- b. Good Faith Effort. Bidder must demonstrate that they made good faith efforts to achieve participation with DBE firms. This requires that the bidder show that it took all necessary and reasonable steps to secure participation by certified DBE firms.

Actions constituting evidence of good faith efforts are described in Appendix A to 49 CFR Part 26. Such actions include but are not limited to:

- \* Soliciting DBE participation through all reasonable and available means. This may include public advertisements and phone calls/faxes to known certified DBE firms.
- \* Consult State Department of Transportation office to obtain a list of certified DBE firms.
- \* Selecting portions of the work that increases the likelihood that DBE firms will be available to participate.
- \* Providing DBE firms with sufficient information and time to review the project plans and specifications.
- \* Document all contacts with DBE firms. This includes name, address, phone number, date of contact, and record of conversation/negotiation.

8. **Submit Bid Bond**

- a. Each proposal must be accompanied by a bid guaranty in the form of a Bid Bond or certified check in the amount of five percent of the total amount of the bid .

9. **Operational Safety & Security**

- a. Construction limits on access & safety plans
- b. Safety & object free areas
- c. Impacts to airport and tenant operations
- d. Vehicle operation on the AOA (runway incursions)
- e. Staging areas and haul routes
- f. Equipment heights (15-feet)
- g. FOD & dust control
- h. Security (none provided by Airport)
- i. Non-compliance (removal/suspension of work from project)

10. **Keys to Construction**

- a. Timely processing of Submittals.
  - i. Successfully obtaining the required P-501 Alkali Silica Reactivity testing documentation in a timely manner.
  - ii. All test results need to be current within 6 months of time of submittal unless otherwise indicated in the specifications.
- b. Coordination with Owner and Engineer.
- c. Contractor prepared Safety Plan Compliance Document (SPCD).
- d. Adherence to Schedule and Phasing.
  - i. Prompt schedule updates.
- e. f. Protection of adjacent pavements
- f. Paving Operations.
- g. Final Clean Up.
- h. Safety: Safety is the highest priority for this project. All of the Contractor's and subcontractor's employees shall be familiar with the CSPP and SPCD prior to working at the airport.

11. **Miscellaneous Items**

- a. Utilities. Locates required prior to start of construction.
- b. Project is state sales tax exempt.
- c. Environmental – Project SWPPP included as an Appendix in Project Manual

12. **Document Changes/Clarifications**

- a. All questions or requests for clarifications must be submitted in writing (email) to Burns & McDonnell,

Attention: Ryan Lorton  
9400 Ward Parkway  
Kansas City, Missouri 64114  
Phone: 816-447-9822

Email: rblorton@burnsmcd.com

All requests for information shall be submitted to the Engineer no later than August 28, 2020, 5:00 pm

13. **Open Discussion/Questions**

*Q: Regarding the placement of P-154 for this project, will a box spreader be required based on the size of the work areas?*

*A: The bidder shall bid the project per the requirements of Section 154-3.4 Placement.*

*Q: Would a fall 2020 construction start be considered for this project?*

*A: Based on the anticipated award timeframe and construction material submittal process, the anticipated construction start date is in the spring/summer 2021.*

***Q:** Regarding Note 8 on Sheet CD101, can you clarify which pay items are associated with the pavement removal items described in this note?*

***A:** The pavement removal specification, P-101 describes the existing pavement section as approximately 7" thick including existing asphalt and base rock based on the geotechnical report core data. The removal of this approximately 7" thick existing pavement section shall be paid for under Item P-101-5.1 Bituminous Pavement Removal (7" +/-). The excavation of material below the removal of the approximately 7" thick existing pavement section shall be paid for under Item P-152-4.1 Unclassified Excavation. If unsuitable subgrade is encountered, it shall be paid for under Item P-152-4.2 Unsuitable Excavation.*

***Q:** Does Detail 1 on Sheet CP501 accurately depict the proposed location of the Geotextile Grid and Geotextile Fabric?*

***A:** The Geotextile Fabric shall be installed on top of the subgrade with the Geotextile Grid installed on top of the Geotextile Fabric prior to the installation of the Subbase Course. The upcoming Addendum will provide an updated Detail 1 on Plan Sheet CP501.*

**COUNTY MEMORIAL AIRPORT  
NEW MADRID COUNTY, MISSOURI  
RECONSTRUCT T-HANGAR TAXILANES  
PREBID MEETING  
MODOT PROJECT NO. 20-080B-1  
AUGUST 25, 2020  
10:00 A.M.**

<b>NAME AND TITLE</b>	<b>COMPANY / AGENCY</b>	<b>ADDRESS</b>	<b>TELEPHONE</b>
Bob Crain – Project Manager	Burns & McDonnell	9400 Ward Parkway Kansas City, Missouri 64114	816-349-6698
Ryan Lorton – Project Manager	Burns & McDonnell	9400 Ward Parkway Kansas City, Missouri 64114	816-447-9822
Darrell Goth – MoDOT Aviation Project Manager	MoDOT Aviation	105 W. Capitol Avenue Jefferson City, MO 65102	573-526-7913
Brian Dorris	Fricke Management & Contracting, Inc.	1510 N. 7 <sup>th</sup> Street Murphysboro, IL 62966	618-684-4165
Grant Guthman	Fricke Management & Contracting, Inc.	1510 N. 7 <sup>th</sup> Street Murphysboro, IL 62966	618-684-4165
Kevin Hoggard	RL Persons Construction, Inc.	3025 Cravens Road Poplar Bluff, MO 63901	573-686-1323
Randy Persons	RL Persons Construction, Inc.	3025 Cravens Road Poplar Bluff, MO 63901	573-686-1323

"General Decision Number: M020200001 08/14/2020

Superseded General Decision Number: M020190001

State: Missouri

Construction Types: Heavy and Highway

Counties: Missouri Statewide.

#### HEAVY AND HIGHWAY CONSTRUCTION PROJECTS

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

Modification Number	Publication Date
0	01/03/2020
1	01/24/2020
2	02/07/2020
3	02/14/2020
4	03/13/2020
5	04/03/2020
6	04/24/2020
7	05/08/2020
8	05/15/2020
9	05/29/2020
10	06/05/2020
11	07/03/2020
12	07/24/2020
13	08/07/2020
14	08/14/2020

CARP0002-002 05/01/2019



## ST. LOUIS COUNTY AND CITY

	Rates	Fringes
Carpenters.....	\$ 38.02	17.77
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CARP0005-006 05/03/2015		

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

	Rates	Fringes
Carpenters:		
CARPENTERS & LATHERS.....	\$ 36.34	15.55
MILLWRIGHTS & PILEDRIVERS...	\$ 36.34	15.55
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CARP0011-001 05/01/2019		

	Rates	Fringes
Carpenter and Piledriver		
ADAIR, AUDRAIN (West of Hwy 19), BOONE, CALLAWAY, CHARITON, COLE, COOPER, HOWARD, KNOX, LINN, MACON, MILLER, MONITEAU, MONROE, OSAGE, PUTNAM, RANDOLPH, SCHUYLER, SHELBY AND SULLIVAN COUNTIES.....	\$ 32.28	17.77
ATCHISON, ANDREW, BATES, CALDWELL, CARROLL, DAVIESS, DEKALB, GENTRY, GRUNDY, HARRISON, HENRY, HOLT, LIVINGSTON, MERCER, NODAWAY, ST. CLAIR, SALINE AND WORTH COUNTIES.....	\$ 30.76	17.77
AUDRAIN (East of Hwy.19), RALLS, MARION, LEWIS, CLARK AND SCOTLAND COUNTIES.	\$ 32.29	17.77
BARRY, BARTON, CAMDEN, CEDAR, CHRISTIAN, DADE, DALLAS, DOUGLAS, GREENE, HICKORY, JASPER, LACLEDE, LAWRENCE, MCDONALD, NEWTON, OZARK, POLK, STONE, TANEY, VERNON, WEBSTER AND WRIGHT COUNTIES.	\$ 30.36	17.77
BENTON, MORGAN AND PETTIS...	\$ 30.81	17.77
BOLLINGER, BUTLER, CAPE GIRARDEAU, DUNKLIN, MISSISSIPPI, NEW MADRID, PEMISCOT, PERRY, STE. GENEVIEVE, SCOTT, STODDARD AND WAYNE COUNTIES.....	\$ 32.14	17.77
BUCHANAN, CLINTON, JOHNSON AND LAFAYETTE COUNTIES.....	\$ 31.49	17.77

CARTER, HOWELL, OREGON AND RIPLEY COUNTIES.....	\$ 31.09	17.77
CRAWFORD, DENT, GASCONADE, IRON, MADISON, MARIES, MONTGOMERY, PHELPS, PULASKI, REYNOLDS, SHANNON AND TEXAS COUNTIES.....	\$ 32.13	17.77
FRANKLIN COUNTY.....	\$ 35.56	17.77
JEFFERSON AND ST. CHARLES COUNTIES.....	\$ 38.02	17.77
LINCOLN COUNTY.....	\$ 34.00	17.77
PIKE, ST. FRANCOIS AND WASHINGTON COUNTIES.....	\$ 32.92	17.77
WARREN COUNTY.....	\$ 34.44	17.77

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ELEC0001-002 05/31/2020

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.....	\$ 40.61	27.06

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ELEC0002-001 09/01/2018

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

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

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ELEC0053-004 01/01/2020

	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.....	\$ 32.27	16.09
Groundman.....	\$ 30.12	15.38
Lineman Operator.....	\$ 43.40	19.30
Lineman.....	\$ 47.30	20.45

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

Groundman Powderman.....	\$ 32.27	15.52
Groundman.....	\$ 30.12	14.88
Lineman Operator.....	\$ 43.40	18.80
Lineman.....	\$ 47.30	19.95

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ELEC0095-001 06/01/2019

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

	Rates	Fringes
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Electricians:

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

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ELEC0124-007 08/26/2019

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

	Rates	Fringes
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Electricians.....	\$ 40.79	22.92
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ELEC0257-003 03/01/2020

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

	Rates	Fringes
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Electricians:

Cable Splicers.....	\$ 30.42	16.085
Electricians.....	\$ 34.00	18.68

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ELEC0350-002 12/01/2019

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.....	\$ 32.50	17.65

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ELEC0453-001 09/01/2019

	Rates	Fringes
Electricians:		
CHRISITAN, DALLAS,		
DOUGLAS, GREENE, HICKORY,		
HOWELL, LACLEDE, OREGON,		
OZARK, POLK, SHANNON,		
WEBSTER and WRIGHT COUNTIES..	\$ 27.88	14.99
PULASKI and TEXAS COUNTIES..	\$ 32.53	15.46
STONE and TANEY COUNTIES....	\$ 23.67	14.17

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\* ELEC0545-003 06/01/2020

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

	Rates	Fringes
Electricians:.....	\$ 33.00	18.10

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ELEC0702-004 12/30/2019

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

	Rates	Fringes
Line Construction:		
Groundman - Class A.....	\$ 30.31	29% + 7.75
Groundman-Equipment		
Operator Class II (all		
other equipment).....	\$ 38.46	29% + 7.75
Heavy-Equipment Operator		
Class I (all crawler type		
equipment D-4 and larger)...	\$ 43.88	29% + 7.75
Lineman.....	\$ 53.51	29% + 7.75

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ENGI0101-001 05/01/2020

ANDREW, ATCHISON, BATES, BENTON, BUCHANAN, CALDWELL, CARROLL,  
CHARITON, CLINTON, COOPER, DAVIESS, DEKALB, GENTRY, GRUNDY,

HARRISON, HENRY, HOLT, HOWARD, JOHNSON, LAFAYETTE, LINN,  
LIVINGSTON, MERCER, NODAWAY, PETTIS, SALINE, SULLIVAN AND WORTH  
COUNTIES

	Rates	Fringes
Power equipment operators:		
GROUP 1.....	\$ 34.73	18.20
GROUP 2.....	\$ 34.33	18.20
GROUP 3.....	\$ 32.33	18.20

#### POWER EQUIPMENT OPERATORS CLASSIFICATIONS

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

GROUP 2: A-frame truck operator; articulated dump truck; back filler operator; boilers (1); chip spreader; churn drill operator; compressor; concrete mixer operator, skip loader; concrete saws (self-propelled); conveyor operator; crusher operator; distributor operator; elevating grader operator; farm tractor (all attachments); fireman rig; float operator; form grade operator; hoisting engine (one drum); maintenance operator; multiple compactor; pavement breaker, self-propelled hydra-hammer (or similar type); paymill operator; power shield; pumps; roller operator (with or without blades); screening and washing plant; self-propelled street broom or sweeper; siphons and jets; straw blower; stump cutting machine; siphons and jets; tank car heater operator (combination boiler and booster); welding machine; vibrating machine operator (not hand held); welding machine.

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

HOURLY PREMIUMS:

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

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

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

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ENGI0101-005 04/01/2020

CASS, CLAY, JACKSON, PLATTE AND RAY COUNTIES

	Rates	Fringes
Power equipment operators:		
GROUP 1.....	\$ 37.02	19.89
GROUP 2.....	\$ 35.98	19.89
GROUP 3.....	\$ 31.51	19.89
GROUP 4.....	\$ 34.86	19.89

POWER EQUIPMENT OPERATORS CLASSIFICATIONS

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

GROUP 2: ""A"" Frame truck operator; back filler operator; boilers (1); chip spreader; churn drill operator; concrete mixer operator, skip loader; concrete saws (self-propelled); conveyor operator; crusher operator; distributor operator; elevating grader operator; farm tractor (all attachments); fireman rig; float operator; form grader operator; hoisting engine (1 drum); maintenance operator; multiple compactor; pavement breaker, self-propelled hydra- hammer (or similar type); power shield; paymill operator; pumps; siphons and jets; stump cutting machine; tank car heater operator (combination boiler and booster); compressor; roller operator (with or without blades); screening and washing plant; self-propelled street broom or sweeper; straw blower; tank car heater operator (combination boiler and booster); vibrating machine operator (not hand held)

GROUP 3: Oilers

GROUP 4: Oiler Driver (All Types)

FOOTNOTE:

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

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

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

Shovels & backhoes, 3 yd. capacity or over.

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 ENGI0101-022 05/01/2019

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.....	\$ 31.72	14.88
GROUP 2.....	\$ 31.37	14.88
GROUP 3.....	\$ 31.17	14.88
GROUP 4.....	\$ 29.12	14.88

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.).



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

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

POWER EQUIPMENT OPERATORS CLASSIFICATIONS

GROUP 1: Backhoe, Cable; Backhoe, Hydraulic (2 cu yds bucket and under regardless of attachment, one oiler for 2 or 3, two oilers for 4 through 6); Backhoe, Hydraulic over 2 cu yds; Cableway; Crane, Crawler or Truck; Crane, Hydraulic - Truck or Cruiser mounted, 16 tons and over; Crane, Locomotive; crane with boom including jib over 100 ft from pin to pin; Crane using rock socket tool; Derrick, Steam; Derrick Car and Derrick Boat; Dragline, 7 cu yds and over; Dredge; Gradall, Crawler or tire mounted; Locomotive, Gas, Steam & other powers; Pile Driver, Land or Floating; Scoop, Skimmer; Shovel, Power (Electric, Gas, Steam or other powers); Shovel, Power (7 cu yds and over); Switch Boat; Whirley; Air Tugger with air compressor; Anchor Placing Barge; Asphalt Spreader; Athey Force Feeder Loader, self-propelled; Backfilling Machine; Boat Operator - Push Boat or Tow Boat (job site); Boiler, High Pressure Breaking in Period; Boom Truck, Placing or Erecting; Boring Machine, Footing Foundation; Bullfloat; Cherry Picker; Combination Concrete Hoist and Mixer (such as Mixermobile); Compressor, Two 125 CFM and under; Compressor, Two through Four over 125 CFM; Compressor when operator runs throttle; Concrete Breaker (Truck or Tractor mounted); Concrete Pump (such as Pumpcrete machine); Concrete Saw (self-propelled); Concrete Spreader; Conveyor, Large (not selfpropelled) hoisting or moving brick and concrete into, or into and on floor level, one or both; Crane, Climbing (such as Linden); Crane, Hydraulic - Rough Terrain, self-propelled; Crane, Hydraulic - Truck or Cruiser mounted - under 16 tons; Drilling machine - Self-powered, used for earth or rock drilling or boring (wagon drills and any hand drills obtaining power from other 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 conjunction with an air compressor, operator shall be paid \$ .55 per hour in addition to his basic hourly rate for covering both operations); Pug Mill operator; Pump, Sump - self powered, automatic controlled over 2"; Scissor Lift (used for hoisting); Skid Steer Loader; Sweeper, Street; Tractor, small wheel type 50 HP and under with grader blade and similar equipment; Welding Machine, One over 400 amp; Winch, operating from truck

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

GROUP 4: Crane type

#### HOURLY PREMIUMS:

Backhoe, Hydraulic 2 cu yds or less without oiler - \$2.00;  
Crane, climbing (such as Linden) - \$.50;  
Crane, Pile Driving and Extracting - \$ .50  
Crane with boom (including job) over  
100 ft from pin to pin - add \$.01 per foot  
to maximum of \$4.00);  
Crane, using rock socket tool - \$ .50;  
Derrick, diesel, gas or electric hoisting material  
and erecting steel (150 ft or more above ground) - \$ .50;  
Dragline, 7 cu yds and over - \$ .50;  
Hoist, Three or more drums in use - \$ .50;  
Scoop, Tandem - \$.50;  
Shovel, Power - 7 cu yds and over - \$ .50;  
Tractor, Tandem Crawler - \$ .50;  
Tunnel, man assigned to work in tunnel or  
tunnel shaft - \$ .50;  
Wrecking, when machines are working on  
second floor or higher - \$ .50

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ENGI0513-006 05/01/2019

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

#### POWER EQUIPMENT OPERATORS CLASSIFICATIONS

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

GROUP 2: A-Frame; asphalt hot-mix silo; asphalt roller operator asphalt plant fireman (drum or boiler); asphalt plant man; asphalt plant mixer operator; backfiller operator; barber-greene loader; boat operator (bridge & dams); chip spreader; concrete mixer operator skip loader; concrete plant operator; concrete pump operator; dredge oiler; elevating graded operator; fork lift; grease fleet; hoisting engine one; locomotive operator narrow guage; multiple compactor; pavement breaker; powerbroom self-propelled; power shield; rooter; slip-form finishing machine; stumpcutter machine; side discharge concrete spreader; throttleman; tractor operator (over 50 hp); winch truck; asphalt roller operator; crusher operator.

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

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

FOOTNOTE: HOURLY PREMIUMS

Backhoe hydraulic, 2 cu. yds. or under Without oiler - \$2.00  
Certified Crane Operator - \$1.50;  
Certified Hazardous Material Operator \$1.50;  
Crane, climbing (such as Linden) - \$0.50;  
Crane, pile driving and extracting - \$0.50;  
Crane, with boom (including jib) over 100' from pin to pin add \$0.01 per foot to maximum of \$4.00;  
Crane, using rock socket tool - \$0.50;  
Derrick, diesel, gas or electric, hoisting material and erecting steel (150' or more above the ground) - \$0.50;  
Dragline, 7 cu. yds, and over - \$0.50;  
Hoist, three or more drums in use - \$0.50; Scoop, Tandem - \$0.50;  
Shovel, power - 7 cu. yds. or more - \$0.50;  
Tractor, tandem crawler - \$0.50;  
Tunnel, man assigned to work in tunnel or tunnel shaft - \$0.50;  
Wrecking, when machine is working on second floor or higher - \$0.50;

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ENGI0513-007 05/06/2019

ST. LOUIS CITY AND COUNTY

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

POWER EQUIPMENT OPERATORS CLASSIFICATIONS

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

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

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

GROUP 3: Conveyor, large (not self-propelled); conveyor, large (not self-propelled) moving brick and concrete distributing) on floor level; mixer two or more mixers of one bag capacity or less; air tugger w/plant air; boiler, for power or heating on construction projects; boiler, temporary; compressor (mounted on truck; curb finishing machine; ditch paving machine; elevator; endless chain hoist; form grader; hoist, one drum regardless of size; lad-a-vator; manlift; mixer, asphalt, over 8 cu. ft. capacity, without side loader, 2 bag capacity or more; mixer, with side loader, regardless of size; pug mill operator; pump, sump-self-powered, automatic controlled over 2" during use in connection with construction work; sweeper, street; welding machine, one over 400 amp.; winch operating from truck; scissor lift (used for hoisting); tractor, small wheel type 50 h.p. & under with grader blade & similar equipment; Oiler on dredge and on truck crane.

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

#### HOURLY PREMIUMS:

Backhoe, hydraulic	
2 cu. yds. or under without oiler	\$2.00
Certified Crane Operator	1.50
Certified Hazardous Material Operator	1.50
Crane, climbing (such as Linden)	.50
Crane, pile driving and extracting	.50
Crane, with boom (including jib) over 100' (from pin to pin) add	\$.01

per foot to maximum of	4.00
Crane, using rock socket tool	.50
Derrick, diesel, gas or electric,	
hoisting material and erecting steel	
(150' or more above ground)	.50
Dragline, 7 cu. yds. and over	.50
Hoist, three (3) or more drums in use	.50
Scoop, Tandem	.50
Shovel, power - 7 cu. yds. or more	.50
Tractor, tandem crawler	.50
Tunnel, man assigned to work in tunnel	
or tunnel shaft	.50
Wrecking, when machine is working on	
second floor or higher	.50

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IRON0010-012 04/01/2020

	Rates	Fringes
Ironworkers:		
ANDREW, BARTON, BENTON,		
CAMDEN, CEDAR, CHARITON,		
CHRISTIAN, COOPER, DADE,		
DALLAS, DAVIESS, DE KALB,		
GENTRY, GREENE, GRUNDY,		
HARRISON, HICKORY, HOLT,		
HOWARD, LACLEDE, LINN,		
LIVINGSTON, MERCER,		
MONITEAU, MORGAN, NODAWAY,		
POLK, PUTNAM, RANDLOPH,		
ST. CLAIR, SULLIVAN,		
TANEY, VERNON, WEBSTER,		
WRIGHT and WORTH Counties		
and portions of ADAIR,		
BOONE, MACON, MILLER and		
RANDOLPH Counties.....\$ 31.00		31.24
ANDREW, BARTON, BENTON,		
CAMDEN, CEDAR, CHARITON,		
CHRISTIAN, COOPER, DADE,		
DALLAS, DAVIESS, DE KALB,		
GENTRY, GREENE, GRUNDY,		
HARRISON, HICKORY, HOLT,		
HOWARD, LACLEDE, LINN,		
LIVINGSTON, MERCER,		
MONITEAU, MORGAN, NODAWAY,		
PETTIS, POLK, PUTNAM,		
RANDLOPH, ST. CLAIR,		
SULLIVAN, TANEY, VERNON,		
WEBSTER, WRIGHT and WORTH		
Counties and portions of		
ADAIR, BOONE, MACON,		
MILLER and RANDOLPH		
Counties.....\$ 30.55		30.44
ATCHISON, BATES, BUCHANAN,		
CALDWELL, CARROLL, CASS,		
CLAY, CLINTON, HENRY,		
JACKSON, JOHNSON,		

LAFAYETTE, PETTIS, PLATTE,  
SALINE, AND RAY COUNTIES....\$ 34.00 31.24

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IRON0321-002 09/01/2019

DOUGLAS, HOWELL and OZARK COUNTIES

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

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IRON0396-004 08/07/2019

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

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

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IRON0396-009 08/07/2019

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

	Rates	Fringes
Ironworker.....	\$ 30.44	27.36

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IRON0577-005 06/01/2019

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

	Rates	Fringes
Ironworker.....	\$ 26.60	24.00

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IRON0584-004 06/01/2019

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

	Rates	Fringes
Ironworkers:.....	\$ 26.00	15.35

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IRON0782-003 05/01/2019

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

	Rates	Fringes
Ironworkers:		
Locks, Dams, Bridges and other major work on the Mississippi and Ohio River only.....	\$ 31.63	24.27
All Other Work.....	\$ 27.38	23.29

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LAB00042-003 03/04/2020

ST. LOUIS (City and County)

	Rates	Fringes
LABORER		
Plumber Laborer.....	\$ 34.07	16.07

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LAB00042-005 03/04/2020

ST. LOUIS (City and County)

	Rates	Fringes
LABORER		
Dynamiter, Powderman.....	\$ 34.07	16.07
Laborers, Flaggers.....	\$ 34.07	16.07
Wrecking.....	\$ 34.07	16.07

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LAB00424-002 05/01/2020

	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.....	\$ 30.75	14.57
GROUP 2.....	\$ 30.75	14.57
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.....	\$ 30.75	14.57
GROUP 2.....	\$ 30.75	14.57

## FRANKLIN COUNTY

GROUP 1.....	\$ 32.86	14.57
GROUP 2.....	\$ 33.46	14.57

## JEFFERSON COUNTY

GROUP 1.....	\$ 32.91	14.57
GROUP 2.....	\$ 33.51	14.57

## LINCOLN, MONTGOMERY AND

## WARREN COUNTIES

GROUP 1.....	\$ 34.33	14.57
GROUP 2.....	\$ 34.33	14.57

## ST.CHARLES COUNTY

GROUP 1.....	\$ 34.33	14.57
GROUP 2.....	\$ 34.33	14.57

## LABORERS CLASSIFICATIONS

GROUP 1 - General laborer-flagman, carpenter tenders; salamander Tenders; Dump Man; Ticket Takers; loading trucks under bins, hoppers, and conveyors; track man; cement handler; dump man on earth fill; georgie buggy man; material batch hopper man; spreader on asphalt machine; material mixer man (except on manholes); coffer dams; riprap pavers rock, block or brick; scaffolds over ten feet not self-supported from ground up; skip man on concrete paving; wire mesh setters on concrete paving; all work in connection with sewer, water, gas, gasoling, oil, drainage pipe, conduit pipe, tile and duct lines and all other pipe lines; power tool operator; all work in connection with hydraulic or general dredging operations; form setters, puddlers (paving only); straw blower nozzle man; asphalt plant platform man; chuck tender; crusher feeder; men handling creosote ties or creosote materials; men working with and handling epoxy material; topper of standing trees; feeder man on wood pulverizers, board and willow mat weavers and cable ties on river work; deck hands; pile dike and revetment work; all laborers working on underground tunnels less than 25 ft. where compressed air is not used; abutment and pier hole men working six (6) ft. or more below ground; men working in coffer dams for bridge piers and footing in the river; barco tamper; jackson or any other similar tamp; cutting torch man; liners, curb, gutters, ditch lines; hot mastic kettlemen; hot tar applicator; hand blade operator; mortar men or brick or block manholes; rubbing concrete, air tool operator under 65 lbs.; caulker and lead man; chain or concrete saw under 15 h.p.; signal Gan; Guard rail and sign erectors.

GROUP 2 - Skilled laborers - Vibrator man; asphalt raker; head pipe layer on sewer work; batterboard man on pipe and ditch work; cliff scalers working from bosun's chairs; scaffolds or platforms on dams or power plants over 10 ft. high; air tool operator over 65 lbs.; stringline man on concrete paving; sandblast man; laser beam man; wagon

drill; churn drill; air track drill and all other similar type drills, gunite nozzle man; pressure grout man; screed man on asphalt; concrete saw 15 h.p. and over; grade checker; 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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LAB00579-005 05/01/2020

	Rates	Fringes
LABORER (ANDREW, ATCHISON, BUCHANAN, CALDWELL, CLINTON, DAVIESS, DEKALB, GENTRY, GRUNDY, HARRISON, HOLT, LIVINGSTON, MERCER, NODAWAY and WORTH COUNTIES.)		
GROUP 1.....	\$ 27.21	15.42
GROUP 2.....	\$ 27.56	15.42
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.....	\$ 26.21	14.62
GROUP 2.....	\$ 26.76	14.62
LABORER (LAFAYETTE COUNTY)		
GROUP 1.....	\$ 27.76	14.87
GROUP 2.....	\$ 28.11	14.87

#### LABORERS CLASSIFICATIONS

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

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

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

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LAB00663-002 04/01/2020

CASS, CLAY, JACKSON, PLATTE AND RAY COUNTIES

	Rates	Fringes
LABORER		
GROUP 1.....	\$ 31.28	16.33
GROUP 2.....	\$ 32.49	16.33

#### LABORERS CLASSIFICATIONS

GROUP 1: General laborers, Carpenter tenders, salamander tenders, loading trucks under bins, hoppers and conveyors, track men and all other general laborers, air tool operator, cement handler (bulk or sack), chain or concrete saw, deck hands, dump man on earth fill, Georgie Buggies man, material batch hopper man, scale man, material mixer man (except on manholes), coffer dams, abutments and pier hole men working below ground, riprap pavers rock, black or brick, signal man, scaffolds over ten feet not self-supported from ground up, skipman on concrete paving, wire mesh setters on concrete paving, all work in connection with sewer, water, gas, gasoling, oil, drainage pipe, conduit pipe, tile and duct lines and all other pipelines, power tool operator, all work in connection with hydraulic or general dredging operations, straw blower nozzle man, asphalt plant platform man, chuck tender, crusher feeder, men handling creosote ties on creosote materials, men working with and handling epoxy material or materials (where special protection is required), toppler 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 kettelman, hot tar applicator, hand blade operators, mortar men on brick or block manholes, sand blasting and gunnite nozzle men, rubbing concrete, air tool operator in tunnels, head pipe layer on sewer work, manhole builder (brick or block), dynamite and powder men.

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PAIN0002-002 09/01/2007

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

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

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PAIN0002-006 04/01/2020

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.....	\$ 26.64	13.98
Brush and Roll; Taping, Paperhanging.....	\$ 24.64	13.98
Epoxy or Any Two Part Coating; Sandblasting; Stage or other Aerial Work - Platforms over 50 feet high; Lead Abatement.....	\$ 25.64	13.98
Spray; Structural Steel (over 50 feet).....	\$ 24.64	13.98
Tapers using Ames or Comparable Tools.....	\$ 25.39	13.98

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PAIN0003-004 04/01/2017

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

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

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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

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PAIN0203-001 04/01/2012

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

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

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PAIN1265-003 07/01/2013

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

	Rates	Fringes
Painters:		
Brush and Roller.....	\$ 25.64	13.27
Floor Work.....	\$ 26.14	13.27
Lead Abatement.....	\$ 27.89	13.27
Spray.....	\$ 27.14	13.27
Structural Steel, Sandblasting and All Tank Work.....	\$ 26.89	13.27
Taping, Paperhanging.....	\$ 26.64	13.27

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PAIN1292-002 09/01/2016

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

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

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

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PAIN1292-003 09/01/2017

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

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

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

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PAIN2012-001 04/01/2019

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

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

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PLAS0518-006 03/01/2020

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

	Rates	Fringes
CEMENT MASON/CONCRETE FINISHER...	\$ 24.44	12.11

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PLAS0518-007 04/01/2020

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

	Rates	Fringes
Cement Masons:.....	\$ 32.72	18.30

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PLAS0518-011 04/01/2019

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

Rates	Fringes
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CEMENT MASON/CONCRETE FINISHER...	\$ 32.00	20.13
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PLAS0527-001 04/01/2018

Rates	Fringes
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CEMENT MASON

FRANKLIN, LINCOLN AND WARREN COUNTIES.....	\$ 30.74	18.07
JEFFERSON, ST. CHARLES COUNTIES AND ST. LOUIS (City and County).....	\$ 32.66	18.62

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PLAS0527-004 06/01/2017

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

Rates	Fringes
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CEMENT MASON.....	\$ 28.10	18.07
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PLAS0908-001 05/01/2017

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

Rates	Fringes
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CEMENT MASON.....	\$ 27.60	15.73
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PLAS0908-005 05/01/2017

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

Rates	Fringes
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CEMENT MASON.....	\$ 27.60	15.73
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PLUM0008-003 06/01/2020

CASS, CLAY, JACKSON, JOHNSON, AND PLATTE COUNTIES

Rates	Fringes
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Plumbers.....	\$ 48.03	22.84
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PLUM0008-017 06/01/2020

BATES, BENTON, CARROLL, HENRY, LAFAYETTE, MORGAN, PETTIS, RAY,



ST. CLAIR, SALINE AND VERNON COUNTIES

	Rates	Fringes
Plumbers.....	\$ 48.03	22.84
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PLUM0045-003 08/01/2019		

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

	Rates	Fringes
Plumbers and Pipefitters.....	\$ 37.75	23.65
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PLUM0178-003 11/01/2019		

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

	Rates	Fringes
Plumbers and Pipefitters.....	\$ 31.75	15.12
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PLUM0178-006 11/01/2019		

BARTON, JASPER, MCDONALD AND NEWTON COUNTIES

	Rates	Fringes
Plumbers and Pipefitters		
Projects \$750,000 & under...	\$ 27.93	15.35
Projects over \$750,000.....	\$ 31.75	15.12
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PLUM0533-004 06/01/2020		

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

	Rates	Fringes
Pipefitters.....	\$ 48.53	22.55
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PLUM0562-004 07/01/2019		

ADAIR, AUDRAIN, BOLLINGER, BOONE, BUTLER, CALLAWAY, CAMDEN, CAPE  
GIRARDEAU, CARTER, CHARITON, CLARK, COLE, COOPER, CRAWFORD,  
DENT, DUNKLIN, FRANKLIN, GASCONADE, GRUNDY, HOWARD, HOWELL,  
IRON, JEFFERSON, KNOX, LEWIS, LINCOLN, LINN, LIVINGSTON, MACON,  
MADISON, MARIES, MARION, MERCER, MILLER, MISSISSIPPI, MONITEAU,  
MONROE, MONTGOMERY, NEW MADRID, OREGON, OSAGE, PEMISCOTT,  
PERRY, PHELPS, PIKE, PULASKI, PUTNAM, RALLS, RANDOLPH,

REYNOLDS, RIPLEY, ST. CHARLES, ST.FRANCOIS, STE. GENEVIEVE, ST.  
LOUIS, SCHUYLER, SCOTLAND, SCOTT, SHANNON, SHELBY, STODDARD,  
SULLIVAN, TEXAS, WARREN, WASHINGTON,AND WAYNE COUNTIES.

	Rates	Fringes
Plumbers and Pipefitters		
Mechanical Contracts		
including all piping and		
temperature control work		
\$7.0 million & under.....	\$ 40.41	21.49
Mechanical Contracts		
including all piping and		
temperature control work		
over \$7.0 million.....	\$ 41.85	27.85
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PLUM0562-016 07/01/2019		

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

	Rates	Fringes
Plumbers		
Mechanical Contracts		
including all piping and		
temperature control work		
\$7.0 million & under.....	\$ 40.41	21.49
Mechanical Contracts		
including all piping and		
temperature control work		
over \$7.0 million.....	\$ 41.85	27.85
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TEAM0013-001 05/01/2019		

	Rates	Fringes
Truck drivers (ADAIR, BUTLER, CLARK, DUNKIN, HOWELL, KNOX, LEWIS, OREGON, PUTNAM, RIPLEY, SCHUYLER AND SCOTLAND COUNTIES)		
GROUP 1.....	\$ 30.34	13.75
GROUP 2.....	\$ 30.49	13.75
GROUP 3.....	\$ 30.61	13.75
GROUP 4.....	\$ 30.50	13.75
Truck drivers (AUDRAIN, BOLLINGER, BOONE, CALLAWAY, CAPE GIRARDEAU, CARTER, COLE, CRAWFORD, DENT, GASCONADE, IRON, MACON, MADISON, MARIES, MARION, MILLER, MISSISSIPPI, MONROE, MONTGOMERY, NEW MADRID, OSAGE, PEMISCOT, PERRY, PHELPS, PIKE, PULASKI,		

RALLS, REYNOLDS, ST.  
FRANCOIS, STE. GENEVIEVE,  
SCOTT, SHANNON, SHELBY,  
STODDARD, TEXAS, WASHINGTON  
AND WAYNE COUNTIES)

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

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

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

Truck drivers (LINCOLN and  
WARREN COUNTIES)

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

#### TRUCK DRIVERS CLASSIFICATIONS:

GROUP 1: Flat Bed Trucks, Single Axle; Station Wagons;  
Pickup Trucks; Material Trucks, Single Axle; Tank Wagon,  
Single Axle

GROUP 2: Agitator and Transit Mix Trucks

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

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

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TEAM0056-001 05/01/2020

Rates

Fringes

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

VERNON, WEBSTER AND WRIGHT  
COUNTIES)

GROUP 1.....	\$ 31.37	14.25
GROUP 2.....	\$ 31.53	14.25
GROUP 3.....	\$ 31.52	14.25
GROUP 4.....	\$ 31.64	14.25

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

GROUP 1.....	\$ 30.64	14.25
GROUP 2.....	\$ 30.80	14.25
GROUP 3.....	\$ 30.79	14.25
GROUP 4.....	\$ 30.91	14.25

Truck drivers; (BUCHANAN,  
JOHNSON AND LAFAYETTE  
COUNTIES)

GROUP 1.....	\$ 32.58	14.25
GROUP 2.....	\$ 32.69	14.25
GROUP 3.....	\$ 32.73	14.25
GROUP 4.....	\$ 32.80	14.25

TRUCK DRIVER CLASSIFICATIONS

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

GROUP 2: Agitator and transit mix-trucks.

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

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

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TEAM0245-001 03/26/2012

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

Rates	Fringes
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Truck drivers:

Traffic Control Service Driver.....	\$ 20.45	0.00
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PAID HOLIDAYS: New Year's Day, Decoration Day, July 4th,

Labor Day, Thanksgiving Day, Christmas Day, employee's birthday and 2 personal days.

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TEAM0541-001 04/01/2020

CASS, CLAY, JACKSON, PLATTE AND RAY COUNTIES

	Rates	Fringes
Truck drivers:		
GROUP 1.....	\$ 33.36	16.25
GROUP 2.....	\$ 32.79	16.25
GROUP 3.....	\$ 32.27	16.25

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

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TEAM0682-002 05/01/2017

ST LOUIS CITY AND COUNTY

	Rates	Fringes
Truck drivers:		
GROUP 1.....	\$ 33.30	13.79+a+b+c+d
GROUP 2.....	\$ 33.50	13.79+a+b+c+d
GROUP 3.....	\$ 33.60	13.79+a+b+c+d

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

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

TRUCK DRIVERS CLASSIFICATIONS

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

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

and similar equipment of same capacity and compressors

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

FOOTNOTE FOR TRUCK DRIVERS:

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

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

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

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

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

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

#### Union Rate Identifiers

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

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

#### Survey Rate Identifiers

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

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

## Union Average Rate Identifiers

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

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

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## WAGE DETERMINATION APPEALS PROCESS

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

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

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

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

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

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

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



Washington, DC 20210

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

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

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

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

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END OF GENERAL DECISION"

## ITEM P-154 SUBBASE COURSE

### DESCRIPTION

**154-1.1** This item shall consist of a subbase course composed of granular materials constructed on a prepared subgrade or underlying course in accordance with these specifications, and in conformity with the dimensions and typical cross-section shown on the plans.

### MATERIALS

**154-2.1 Materials.** The subbase material shall consist of hard durable particles or crushed stone. The material may be obtained from gravel pits, stockpiles, or may be produced from a crushing and screening plant with proper blending. The materials from these sources shall meet the requirements for gradation, quality, and consistency. The material shall be free from vegetative matter, excessive amounts of clay, and other objectionable substances; uniformly blended; and be capable of being compacted into a dense, stable subbase.

The subbase material shall exhibit a California Bearing Ratio (CBR) value of at least 20 when tested in accordance with ASTM D1883. The subbase material shall meet the gradation specified in the table below.

**Gradation Requirements**

Sieve designation	Percentage by weight passing sieves		Contractor's Final Gradation	Job Control Grading Band Tolerances <sup>1</sup> (Percent)
	Subbase Aggregate	Recycled pavement (RAP or RCO)		
3 inch (75 mm)	100			0
1 1/2 inch (37.5 mm)		100		0
3/4 inch (19.0 mm)	70-100	70-100		±10
No. 10 (2.00 mm)	20-100	20-100		±10
No. 40 (425 µm)	5-60	5-60		±5
No. 200 (75 µm)	0-5	0-5		±5

<sup>1</sup>The "Job Control Grading Band Tolerances" shall be applied to "Contractor's Final Gradation" to establish the job control grading band.

The portion of the material passing the No. 40 (425 µm) sieve shall have a liquid limit of not more than 25 and a plasticity index of not more than six (6) when tested in accordance with ASTM D4318.

**154-2.2 Sampling and testing.**

**a. Aggregate base materials.** Samples shall be taken by the Contractor per ASTM D75 for initial aggregate subbase requirements and gradation. Material shall meet the requirements in paragraphs 154-2.1. The Contractor shall submit to the Resident Project Representative (RPR) certified test results showing that the aggregate meets the Material requirements of this section. Tests shall be representative of the material to be used for the project.

**b. Gradation requirements.** The Contractor shall take at least one aggregate subbase sample per day in the presence of the RPR to check the final gradation. Samples shall be taken from the in-place, un-compacted material at sampling locations determined by the RPR on a random basis per ASTM D3665. Sampling shall be per ASTM D75 and tested per ASTM C136 and ASTM C117. Results shall be furnished to the RPR by the Contractor each day during construction. Material shall meet the requirements in paragraph 154-2.1.

**154-2.3 Separation Geotextile.** Separation geotextile shall be Class 2;  $0.02 \text{ sec}^{-1}$  permittivity per ASTM D4491; Apparent opening size per ASTM D4751 with 0.60 mm maximum average roll value.

**154-2.4 Geotextile Grid.** The geogrid shall be composed of a single layer and integrally formed with triangular apertures and high-profile ribs exhibiting significant dimensional stability through all ribs and junctions of the geogrid structure. The geogrid shall maintain its reinforcement and aggregate confinement capabilities under repeated dynamic loads while in service. The geogrid shall also be resistant to ultraviolet degradation, damage under normal construction practices and all forms of biological and chemical degradation normally encountered in road construction. Geogrid layers shall be placed as directed by the Engineer. The geogrid should be sized appropriately to interlock with the specified aggregate. Alternate soil stabilization material will be considered.

The soil stabilization material package submittal to the Engineer must include the following:

- a) A sample of the geotextile grid and certified product data. Any material that fails to meet all of the below properties will be rejected.
- b) Recommended installation instructions.

The burden of proof that the material is equal to the specified material is the responsibility of the soil stabilization material supplier.

**Geotextile Grid Material Properties**

<b>Properties<sup>(1)</sup>,</b>	<b>Longitudinal / Transverse</b>	<b>Diagonal</b>	<b>General</b>
<i>Rib Pitch<sup>(2)</sup>, mm (in)</i>	40 (1.60)	40 (1.60)	
<i>Mid-rib depth<sup>(2)</sup>, mm (in)</i>	1.4 (0.06)	1.6 (0.06)	
<i>Mid-rib width<sup>(2)</sup>, mm (in)</i>	1.2 (0.05)	1.0 (0.04)	
<i>Rib shape</i>			rectangular
<i>Aperture shape</i>			triangular
<i>Junction Efficiency<sup>(3)</sup>, %</i>			93
<i>Isotropic Stiffness Ratio<sup>(4)</sup></i>			0.6
<i>Radial stiffness at low strain<sup>(5)</sup>, kN/m @ 0.5% strain (lb/ft @ 0.5% strain)</i>			300 (20,580)
<i>Resistance to chemical degradation<sup>(6)</sup></i>			100%
<i>Resistance to ultra-violet light and weathering<sup>(7)</sup></i>			70%

1. Unless indicated otherwise, values shown are minimum average roll values determined in accordance with ASTM D4759-02. Brief descriptions of test procedures are given in the following notes.

2. Nominal dimensions.

3. *Load transfer capability determined in accordance with ASTM D6637-10 and ASTM D7737-11 and expressed as a percentage of ultimate tensile strength.*
4. *The ratio between the minimum and maximum observed values of radial stiffness at 0.5% strain, measured on rib and midway between rib directions.*
5. *Radial stiffness is determined from tensile stiffness measured in any in-plane axis from testing in accordance with ASTM D6637-10.*
6. *Resistance to loss of load capacity or structural integrity when subjected to chemically aggressive environments in accordance with EPA 9090 immersion testing.*
7. *Resistance to loss of load capacity or structural integrity when subjected to 500 hours of ultraviolet light and aggressive weathering in accordance with ASTM D4355-05.*

*The geogrid material shall be stored and installed as per the manufacturer's recommendations.*

## CONSTRUCTION METHODS

**154-3.1 General.** The subbase course shall be placed where designated on the plans or as directed by the RPR. The material shall be shaped and thoroughly compacted within the tolerances specified.

Granular subbases which, due to grain sizes or shapes, are not sufficiently stable to support the construction equipment without movement, shall be mechanically modified to the depth necessary to provide stability as directed by the RPR. The mechanical modification shall include the addition of a fine-grained medium to bind the particles of the subbase material sufficiently to furnish a bearing strength, so the course will not deform under construction equipment traffic.

**154-3.2 Preparing underlying course.** Prior to constructing the subbase course, clean the underlying course or subgrade of all foreign substances. The surface of the underlying course or subgrade shall meet specified compaction and surface tolerances in accordance with Item P-152. Correct ruts, soft yielding spots in the underlying courses, and subgrade areas having inadequate compaction and/or deviations of the surface from the specified requirements, by loosening and removing soft or unsatisfactory material, adding approved material, reshaping to line and grade, and recompacting to specified density requirements. For cohesionless underlying courses or subgrades containing sands or gravels, as defined in ASTM D2487, the surface shall be stabilized prior to placement of the overlying course by mixing the overlying course material into the underlying course, and compacting by approved methods. The stabilized material shall be considered as part of the underlying course and shall meet all requirements for the underlying course. The finished underlying course shall not be disturbed by traffic or other operations and shall be maintained in a satisfactory condition until the overlying course is placed. The underlying course shall be checked and accepted by the RPR before placing and spreading operations are started.

To protect the subgrade and to ensure proper drainage, spreading of the subbase shall begin along the centerline of the pavement on a crowned section or on the high side of pavements with a one-way slope.

**154-3.3 Control Strip.** The first half-day of subbase construction shall be considered as a control strip for the Contractor to demonstrate, in the presence of the RPR, that the materials, equipment, and construction processes meet the requirements of this specification. The sequence and manner of rolling necessary to obtain specified density requirements shall be determined. The maximum compacted thickness may be increased to a maximum of 12 inches (300 mm) upon the Contractor's demonstration that approved equipment and operations will uniformly compact the lift to the specified density. The RPR must witness this demonstration and approve the lift thickness prior to full production.

Control strips that do not meet specification requirements shall be reworked, re-compacted, or removed and replaced at the Contractor's expense. Full operations shall not begin until the control strip has been accepted by the RPR. The Contractor shall use the same equipment, materials, and construction methods for the remainder of construction, unless adjustments made by the Contractor are approved in advance by the RPR.

**154-3.4 Placement.** The material shall be placed and spread on the prepared underlying layer by spreader boxes or other devices as approved by the RPR, to a uniform thickness and width. The equipment shall have positive thickness controls to minimize the need for additional manipulation of the material. Dumping from vehicles that require re-handling shall not be permitted. Hauling over the uncompacted base course shall not be permitted. The material shall not be placed when the underlying course is soft or yielding.

The material shall meet gradation and moisture requirements prior to compaction. Material may be free-draining and the minimum moisture content shall be established for placement and compaction of the material.

The material shall be constructed in lifts as established in the control strip, but not less than 4 inches (100 mm) nor more than 12 inches (300 mm) of compacted thickness.

When more than one lift is required to establish the layer thickness shown on the plans, the construction procedure described here shall apply to each lift. No lift shall be covered by subsequent lifts until tests verify that compaction requirements have been met. The Contractor shall rework, re-compact and retest any material placed which does not meet the specifications.

**154-3.5 Compaction.** The subbase material shall be compacted, adjusting moisture as necessary, to be within  $\pm 2\%$  of optimum moisture. The field density of the compacted material shall be at least 100% of the maximum density as specified in paragraph 154-3.9a. If the specified density is not attained, the area of the lift represented by the test shall be reworked and/or re-compacted and additional random tests made. This procedure shall be followed until the specified density is reached. Maximum density refers to maximum dry density at optimum moisture content unless otherwise specified.

**154-3.6 Weather limitation.** Material shall not be placed unless the ambient air temperature is at least 40°F (4°C) and rising. Work on subbase course shall not be conducted when the subgrade is wet or frozen or the subbase material contains frozen material.

**154-3.7 Maintenance.** No base or surface course shall be placed on the subbase until the subbase has been accepted by the RPR. The Contractor shall maintain the completed course in satisfactory condition throughout placement of subsequent layers. When material has been exposed to excessive rain, snow, or freeze-thaw conditions, the Contractor shall verify that materials still meet all specification requirements before placement of additional material. Equipment may be routed over completed sections of subbase course, provided the equipment does not damage the subbase course and the equipment is routed over the full width of the completed subbase course. Any damage to the subbase course from routing equipment over the subbase course shall be repaired by the Contractor at their expense.

**154-3.8 Surface tolerance.** In those areas on which a subbase or base course is to be placed, the surface shall be tested for smoothness and accuracy of grade and crown. Any portion lacking the required smoothness or failing in accuracy of grade or crown shall be scarified to a depth of at least 3 inches (75 mm), reshaped and re-compacted to grade until the required smoothness and accuracy are obtained and approved by the RPR. The Contractor shall perform all final smoothness and grade checks in the presence of the RPR. Any deviation in surface tolerances shall be corrected by the Contractor at the Contractor's expense.

**a. Smoothness.** The finished surface shall not vary more than  $\pm \frac{1}{2}$  inch (12 mm) when tested with a 12-foot (3.7-m) straightedge applied parallel with and at right angles to the centerline. The straightedge shall be moved continuously forward at half the length of the 12-foot (3.7-m) straightedge for the full length of each line on a 50-foot (15-m) grid.

**b. Grade.** The grade and crown shall be measured on a 50-foot (15-m) grid and shall be within  $\pm 0.05$  feet (15 mm) of the specified grade.

**154-3.9 Acceptance sampling and testing.** The aggregate base course shall be accepted for density and thickness on an area basis. Two tests shall be made for density and thickness for each 1200 square yards. Sampling locations will be determined on a random basis per ASTM D3665.

The RPR shall perform all density tests and the Contractor's laboratory shall perform all density tests in the RPR's presence and provide the test results upon completion to the RPR for acceptance and used in comparison.

Each area shall be accepted for density when the field density is at least 100% of the maximum density of laboratory specimens compacted and tested per ASTM D698. The in-place field density shall be determined per ASTM D6938 using Procedure A, the direct transmission method, and ASTM D6938 shall be used to determine the moisture content of the material. The machine shall be calibrated in accordance with ASTM D6938. If the specified density is not attained, the area represented by the failed test shall be reworked and/or recompacted and two additional random tests made. This procedure shall be followed until the specified density is reached. Maximum density refers to maximum dry density at optimum moisture content unless otherwise specified.

When the material has greater than 30 percent retained on the  $\frac{3}{4}$  inch (19.0 mm) sieve, use methods in ASTM D698 and the procedures in AASHTO T180 Annex for correction of maximum dry density and optimum moisture for oversized particles.

**b. Thickness.** The thickness of the base course shall be within +0 and -1/2 inch (12 mm) of the specified thickness as determined by depth tests taken by the Contractor in the presence of the RPR for each area. Where the thickness is deficient by more than 1/2-inch (12 mm), the Contractor shall correct such areas at no additional cost by scarifying to a depth of at least 3 inches (75 mm), adding new material of proper gradation, and the material shall be blended and recompacted to grade. The Contractor shall replace, at his expense, base material where depth tests have been taken.

## METHOD OF MEASUREMENT

**154-4.1** Subbase course shall be measured by the number of square yards of subbase course material placed and compacted to specified density and plan thickness requirements in the completed course. The quantity of subbase course material shall be measured in final position based upon depth tests or cores taken as directed by the RPR, at the rate of two test per each 1000 square yards of subbase course. On individual depth measurements, thicknesses more than 1/2 inch (12 mm) in excess of that shown on the



plans shall be considered as the specified thickness plus 1/2 inch (12 mm) in computing the yardage for payment. Subbase materials shall not be included in any other excavation quantities.

**154-4.2** The quantity of geotextile grid shall be measured by the number of square yards of materials placed and accepted by the RPR in its final position.

**154-4.3** Separation geotextile shall be measured by the number of square yards of materials placed and accepted by the RPR as complying with the plans and specifications excluding seam overlaps and edge anchoring.

### **BASIS OF PAYMENT**

**154-5.1** Payment shall be made at the contract unit price per square yard for subbase course. This price shall be full compensation for furnishing all materials; for all preparation, hauling, and placing of these materials; and for all labor, equipment, tools, and incidentals necessary to complete the item.

**154-5.2** Payment shall be made at the contract unit price per square yard for geotextile grid. The price shall be full compensation for furnishing all labor, equipment, material, anchors, and necessary incidentals

**154-5.3** Payment shall be made at the contract unit price per square yard for separation geotextile-class 2. The price shall be full compensation for furnishing all labor, equipment, material, anchors, and necessary incidentals.

#### **Payment will be made under:**

Item P-154-5.1      Subbase Course (6") - per square yard

Item P-154-5.2      Geotextile Grid – per square yard

Item P-154-5.3      Geotextile Fabric – per square yard

### **TESTING REQUIREMENTS**

ASTM C117      Standard Test Method for Materials Finer than 75-μm (No. 200) Sieve in Mineral Aggregates by Washing

ASTM C136      Standard Test Method for Sieve Analysis of Fine and Coarse Aggregates

ASTM D75      Standard Practice for Sampling Aggregates

ASTM D698	Standard Test Methods for Laboratory Compaction Characteristics of Soil Using Standard Effort (12,400 ft-lbf/ft <sup>3</sup> (600 kN-m/m <sup>3</sup> ))
ASTM D1556	Standard Test Method for Density and Unit Weight of Soil in Place by the Sand-Cone Method
ASTM D1557	Standard Test Methods for Laboratory Compaction Characteristics of Soil Using Modified Effort (56,000 ft-lbf/ft <sup>3</sup> (2,700 kN-m/m <sup>3</sup> ))
ASTM D2487	Standard Practice for Classification of Soils for Engineering Purposes (Unified Soil Classification System)
ASTM D4253	Standard Test Methods for Maximum Index Density and Unit Weight of Soils Using a Vibratory Table
ASTM D4759	Practice for Determining the Specification Conformance of Geosynthetics
ASTM D4318	Standard Test Methods for Liquid Limit, Plastic Limit, and Plasticity Index of Soils
ASTM D6938	Standard Test Method for In-Place Density and Water Content of Soil and Soil-Aggregate by Nuclear Methods (Shallow Depth)

**END OF ITEM P-154**

**THIS EXECUTED PROPOSAL FORM MUST BE SUBMITTED  
IN THE ORIGINAL BOUND PROJECT MANUAL.**

**SIGNATURE OF BIDDER**

The undersigned states that the correct LEGAL NAME AND ADDRESS of (1) the individual bidder, (2) each partner or joint venturer (whether individuals or corporations, and whether doing business under a fictitious name), or (3) the corporation (with the state in which it is incorporated) are shown below; that (if not signing with the intention to bind themselves to become responsible and sole bidder) they are the agent of, and they are signing and executing this (as indicated in the proper spaces below) as the bid of a

( ) sole individual                      ( ) partnership                      ( ) joint venture

( ) corporation, incorporated under the laws of state of \_\_\_\_\_.

Executed by bidder this \_\_\_\_\_ day of \_\_\_\_\_ 20\_\_\_\_\_.

Name of individual,  
all partners  
or joint venturers:

Address of each:

\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

doing business under the name of:

Address of principal place of business in  
Missouri:

\_\_\_\_\_  
(If using a fictitious name, show this name  
above in addition to legal names)

\_\_\_\_\_  
\_\_\_\_\_

\_\_\_\_\_  
(If a corporation, show its name above)

\_\_\_\_\_  
\_\_\_\_\_

ATTEST: (SEAL)

\_\_\_\_\_  
(Signature)

\_\_\_\_\_  
Secretary

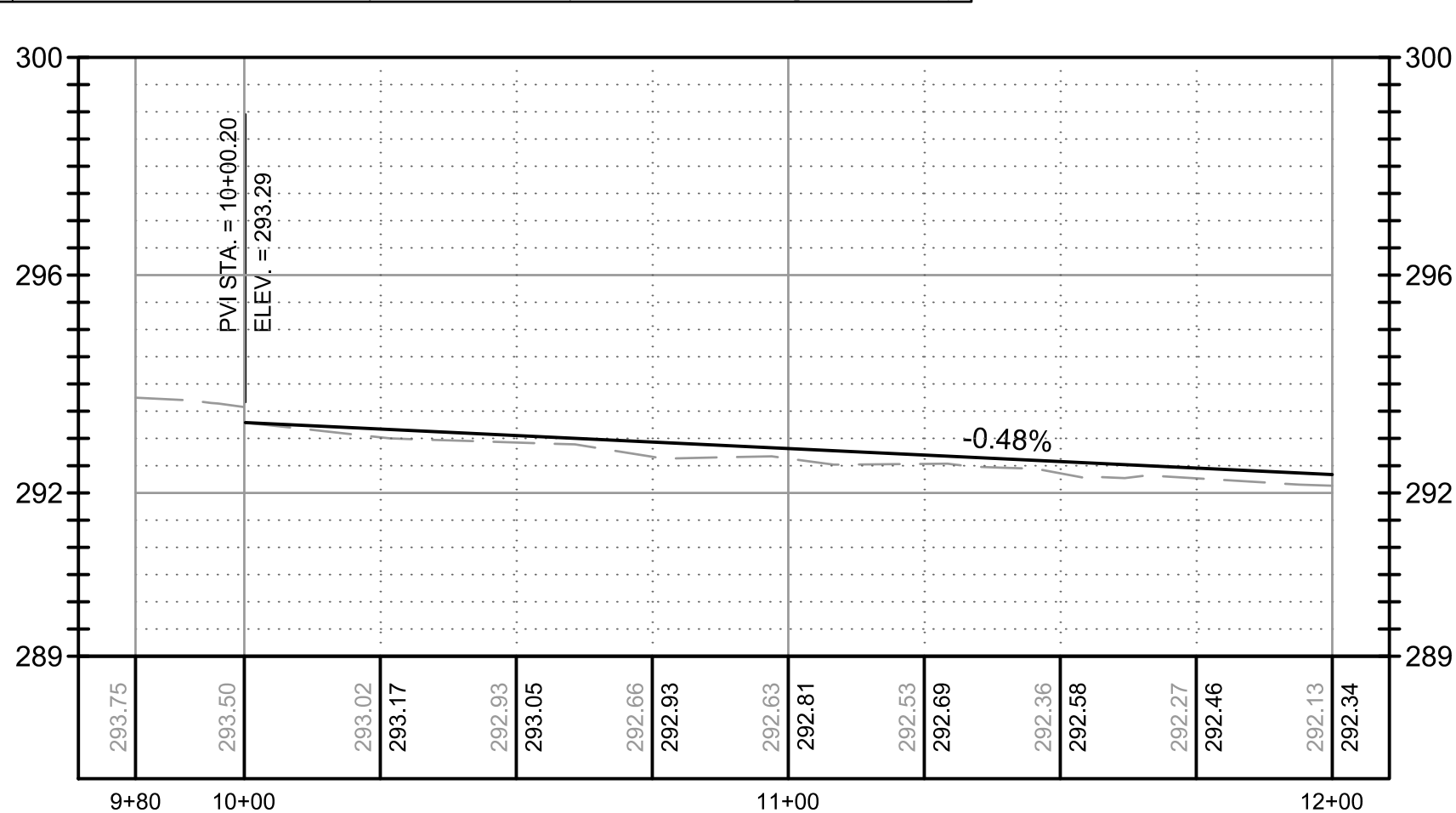
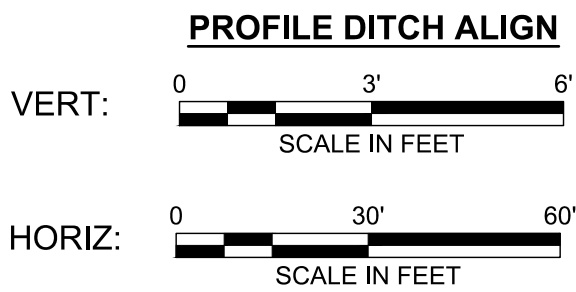
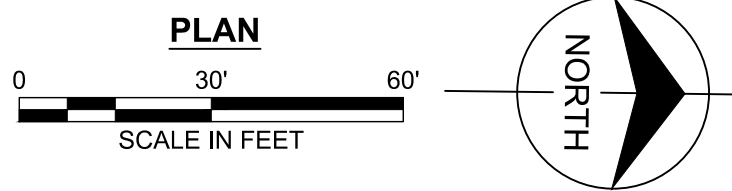
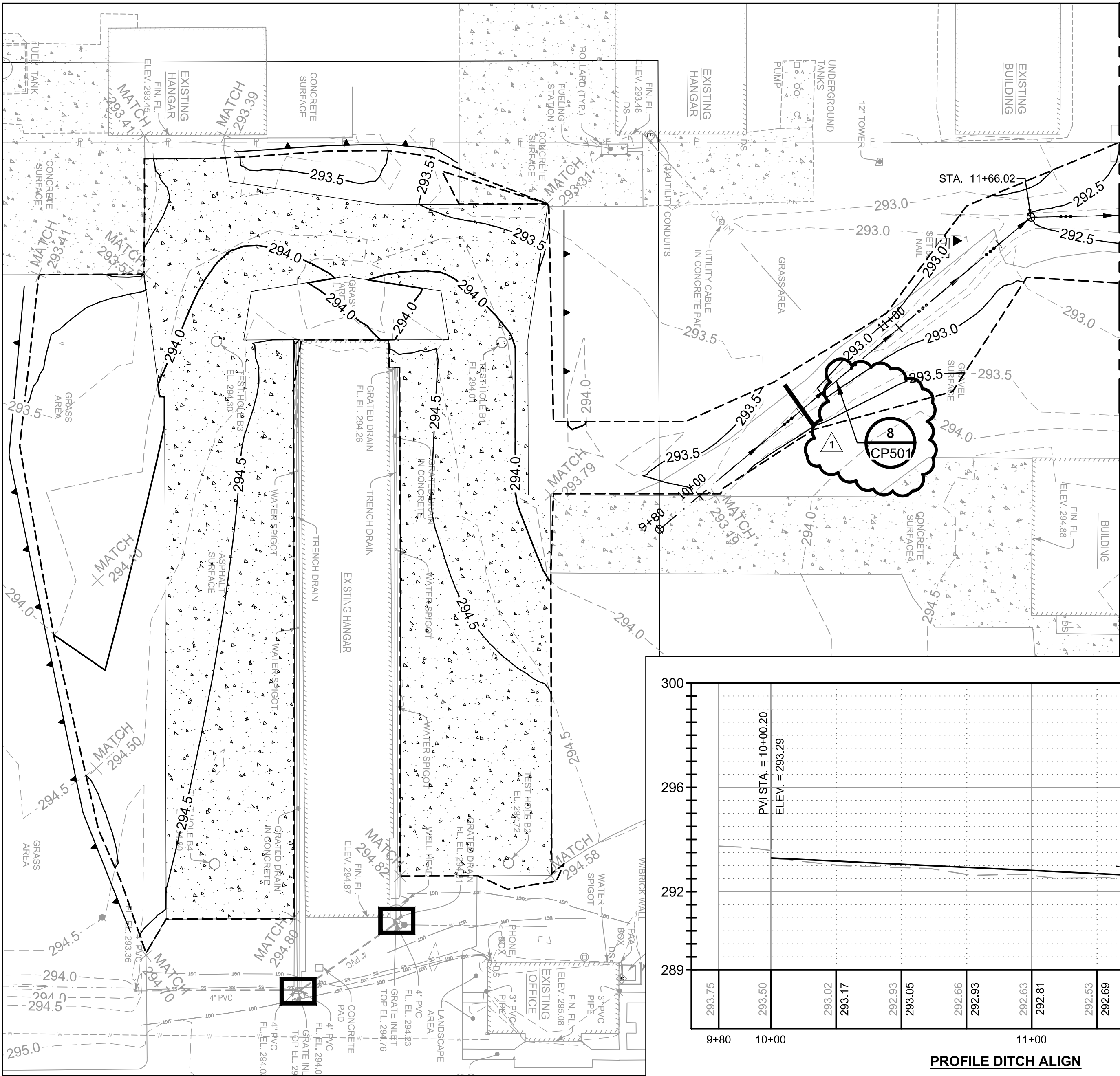
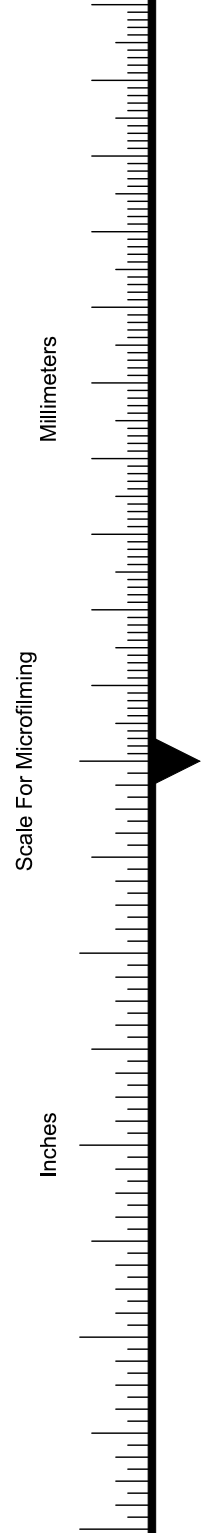
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(Signature)

\_\_\_\_\_  
(Title)

\_\_\_\_\_  
Please print name

\_\_\_\_\_  
Please print name

NOTE: If bidder is doing business under a fictitious name, the bid shall be executed in the legal name of the individual partners, joint ventures, or corporation, with the legal address shown, and registration of fictitious name filed with the secretary of state, as required by sections 417.200 to 417.230 RSMo. If the bidder is a corporation not organized under the laws of Missouri, it shall procure a certificate of authority to do business in Missouri, as required by section 351.572 et seq RSMo.



LEGEND:

- 285.0 PROPOSED MAJOR CONTOUR
- 285.5 PROPOSED MINOR CONTOUR
- 285.0 EXISTING MAJOR CONTOUR
- 285.5 EXISTING MINOR CONTOUR
- +284.39 PROPOSED SPOT ELEVATION
- +284.39 EXISTING SPOT ELEVATION
- PROPOSED GRADING BOUNDARY
- COMPOST FILTER SOCK 3 CG502
- SILT FENCE 1 CG502
- INLET PROTECTION 2 CG502
- PROPOSED FLOWLINE

GRADING NOTES:

- PROPOSED ELEVATIONS INDICATED ARE FOR TOP OF FINAL GRADE, PAVEMENT, OR STRUCTURE UNLESS INDICATED OTHERWISE.
- ELEVATION DENOTED AS "MATCH" ARE INTENDED TO MEET EXISTING GRADE ELEVATIONS. CONTRACTOR SHALL VERIFY ELEVATIONS AT TIE-INS AND MATCH POINTS AND PROVIDE WRITTEN DOCUMENTATION TO RPR PRIOR TO BEGINNING CONSTRUCTION.
- SURFACES AROUND BUILDINGS SHALL BE GRADED TO PROVIDE POSITIVE DRAINAGE AWAY FROM BUILDINGS AND PAVEMENTS. PAVEMENT ADJACENT TO BUILDINGS SHALL BE GRADED TO DRAIN AWAY FROM BUILDING ENTRANCES.
- ADEQUATE DRAINAGE SHALL BE MAINTAINED AT ALL TIMES DURING CONSTRUCTION. ANY DRAINAGE FEATURE OR STRUCTURE DISTURBED DURING CONSTRUCTION SHALL BE RESTORED TO PRECONSTRUCTION CONDITIONS OR BETTER SUBJECT TO THE APPROVAL OF THE RPR AND AT NO COST TO THE OWNER.
- CONTRACTOR SHALL REMOVE STANDING WATER FROM THE PROJECT WORK LIMITS AS NECESSARY TO PROTECT SUBGRADE, SUBBASE, AND/OR BASE COURSE OF NEW PAVEMENT, SURROUNDING PAVEMENT-TO-REMAIN, OR OTHER COMPLETED WORKS.
- CONTRACTOR SHALL PLACE EROSION CONTROL DEVICES AS SHOWN PRIOR TO BEGINNING WORK. THE DEVICES SHALL BE PLACED DOWN-SLOPE OF DISTURBED AREAS WHERE SHEET EROSION WOULD OCCUR. SILT FENCE SHALL BE CLEANED AND REPAIRED WHEN SEDIMENT BUILD-UP REACHES ONE-THIRD OF SILT FENCE HEIGHT. AFTER SIGNIFICANT RUNOFF EVENTS, THE CONTRACTOR SHALL INSPECT ALL EROSION CONTROL STRUCTURES FOR SILT BUILD-UP THAT INTERFERES WITH THE PERFORMANCE OF THE EROSION CONTROL STRUCTURE AND REPAIR OR REPLACE THOSE STRUCTURES, AS NECESSARY.
- ALL AREAS DISTURBED BY CONSTRUCTION SHALL BE RE-VEGETATED IN ACCORDANCE WITH THE SPECIFICATIONS.
- SUBSURFACE INVESTIGATION WAS PERFORMED BY TSI ENGINEERING, DATED SEPTEMBER 2013.
- SEE SHEET CP501 FOR PAVEMENT SECTION DETAILS.
- CONTRACTOR SHALL VERIFY ALL TIE-IN LOCATIONS PRIOR TO START OF CONSTRUCTION.
- EXISTING TOPSOIL SHALL BE STRIPPED AND STOCKPILED FOR REUSE. EXCESS TOPSOIL SHALL BE WASTED AT THE SPOILS AREA SOUTH OF RUNWAY 36 END.

no.	date	by	ckd	description
0	8-10-20	JDC	RBL	ISSUED FOR BID
1	8-28-20	JDC	RBL	ADDENDUM NO.1

FOR BID - NOT  
FOR CONSTRUCTION

**BURNS  
MEDONNELL**  
9400 WARD PARKWAY  
KANSAS CITY, MO 64114  
816-333-9400  
LICENSEE NO. 000165

date 7-31-2020	detailed A. EWIGMAN
designed J. COOPER	checked R. LORTON

**County Memorial Airport**  
New Madrid County, Missouri

RECONSTRUCT T-HANGAR TAXILANES			
GRADING PLAN			
BMCD Project No. 122599		MoDot Project No. 20-080B-1	
drawing		rev.	
CG101		1	
sheet 9		of 13 sheets	
file 122599CG101.DWG			

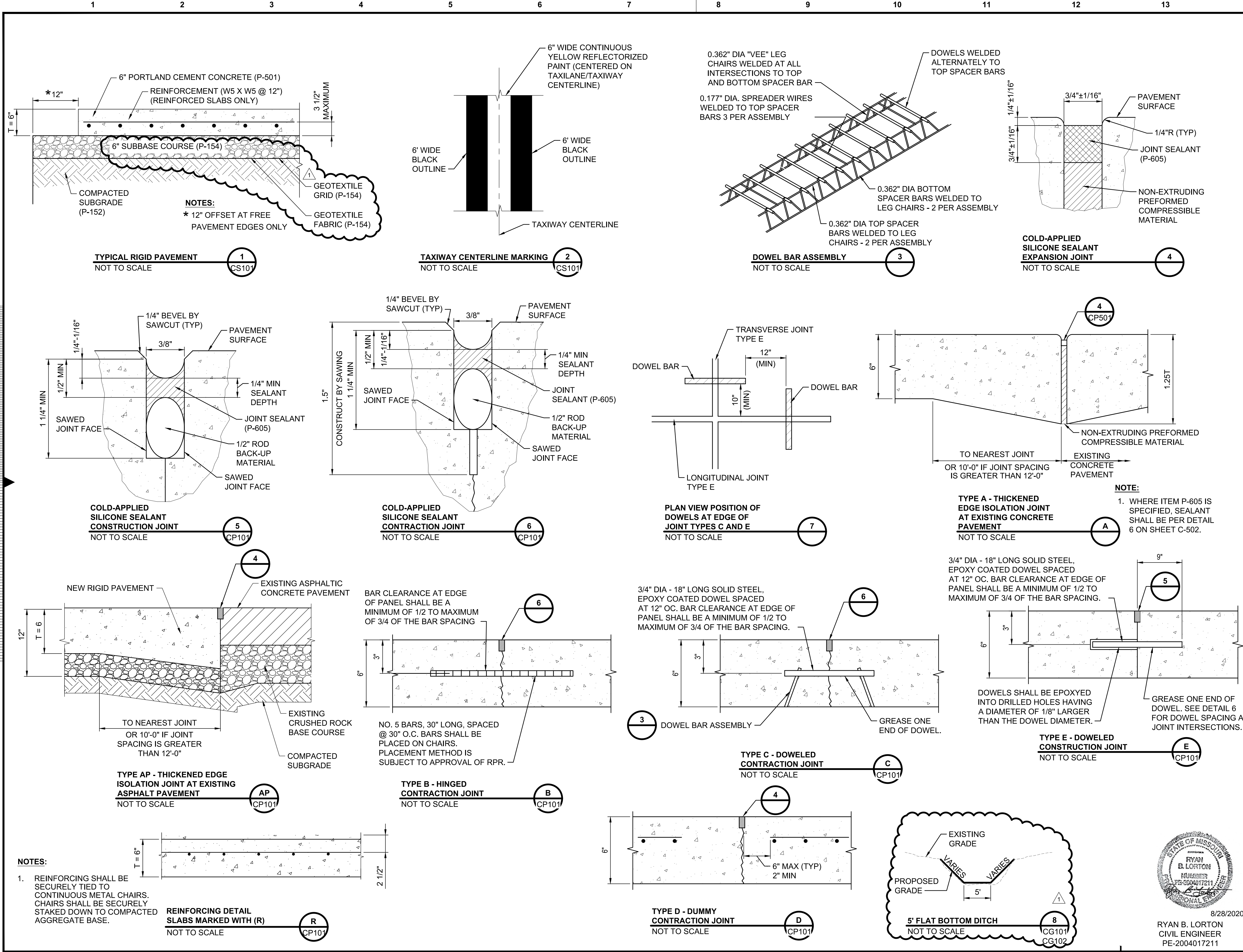


8/28/2020  
RYAN B. LORTON  
CIVIL ENGINEER  
PE-2004017211









no.	date	by	ckd	description
0	8-10-20	JDC	RBL	ISSUED FOR BID
1	8-28-20	JDC	RBL	ADDENDUM NO.1

**FOR BID - NOT FOR CONSTRUCTION**



**BURNS & McDONNELL**  
9400 WARD PARKWAY  
KANSAS CITY, MO 64114  
816-333-9400  
LICENSE NO. 000165

date	7-31-2020	detailed	A. EWIGMAN
designed	J. COOPER	checked	R. LORTON

**County Memorial Airport**  
New Madrid County, Missouri

**RECONSTRUCT T-HANGAR TAXILANES**  
PAVEMENT DETAILS

BMCD Project No.	122599	MoDot Project No.	20-080B-1
drawing	CP501	rev.	1
sheet 12	of 13	sheets	
file 122599-DETAILS.DWG			