

CERTIFIED COPY OF ORDER

STATE OF MISSOURI }
County of Boone } ea.

October Session of the July Adjourned

Term. 20 13

In the County Commission of said county, on the 3rd day of October 20 13

the following, among other proceedings, were had, viz:

Now on this day the County Commission of the County of Boone does hereby authorize the Presiding Commissioner to sign the attached Finding of Public Nuisance and Order for Abatement of a public nuisance located at 440 E. Clearview Drive, Parcel #11-619-24-01-042.00 01

Done this 3rd day of October, 2013.

ATTEST:

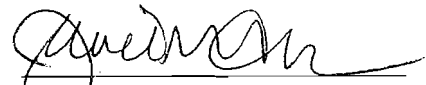
Wendy S. Noren
Wendy S. Noren
Clerk of the County Commission



Daniel K. Atwill
Presiding Commissioner



Karen M. Miller
District I Commissioner



Janet M. Thompson
District II Commissioner

PHOTOGRAPHS TAKEN 9/17/13 @ ~ 3:00 PM
440 E. CLEARVIEW DRIVE



Billy D. Turner and Cardena F. Comley/USDA
440 E. Clearview Drive
Health Department nuisance notice - timeline

- 5/13/13: citizen complaint received
- 5/13/13: initial inspection conducted
- 5/22/13: notice of violation sent to owner and lien holder – owner never signed for notice
- 5/24/13: lien holder signed for notice
- 6/17/13: notice posted in local newspaper
- 9/17/13: reinspection conducted – nuisance not abated - photographs taken at ~ 3:00 pm
- 9/18/13: hearing notice sent

**BEFORE THE COUNTY COMMISSION OF
BOONE COUNTY, MISSOURI**

In Re: Nuisance Abatement)	October Session
440 E. Clearview Drive)	July Adjourned
Columbia, MO 65202)	Term 2013
)	Commission Order No. <u>445-2013</u>

FINDING OF PUBLIC NUISANCE AND ORDER FOR ABATEMENT

NOW on this 3rd day of October 2013, the County Commission of Boone County, Missouri met in regular session and entered the following findings of fact, conclusions of law and order for abatement of nuisance:

Findings of Fact and Conclusions of Law

The County Commission finds as fact and concludes as a matter of law the following:

1. The Boone County Code of Health Regulations (the "Code") are officially noticed and are made a part of the record in this proceeding.
2. The City of Columbia/Boone County Health Department administrative record is made a part of the record in this proceeding and incorporated herein by reference. In addition, any live testimony of the official(s) of the department and other interested persons are made a part of the record in this proceeding.
3. A public nuisance exists described as follows: trash, junk, rubbish, garbage and tires on the premises.
4. The location of the public nuisance is as follows: 440 E. Clearview Drive, a/k/a parcel# 11-619-24-01-042.00 01, Section 24, Township 49, Range 13 as shown in deed book 3761 page 0221, Boone County.
5. The specific violation of the Code is: trash, junk, rubbish, garbage and tires in violation of section 6.5 of the Code.
6. The Health Director's designated Health Official made the above determination of the existence of the public nuisance at the above location. Notice of that determination and the requirement for abatement was given in accordance with section 6.10.1 of the Code on the 24th day of May 2013 to the lien holder and the 17th day of June 2013 to the property owner.
7. The above described public nuisance was not abated. As required by section 6.10.2 of the Code, the property owner was given notice of the hearing conducted this date before the Boone County Commission for an order to abate the above nuisance at government expense with the cost and expense thereof to be charged against the above described property as a special tax bill and added to the real estate taxes for said property for the current year.
8. No credible evidence has been presented at the hearing to demonstrate that no public nuisance exists or that abatement has been performed or is unnecessary; accordingly, in accordance with section 6.10.2 of the Code and section 67.402, RSMo, the County Commission finds and determines from the credible evidence presented that a public

nuisance exists at the above location which requires abatement and that the parties responsible for abating such nuisance have failed to do so as required by the Health Director or Official's original order referred to above.

Order For Abatement Chargeable As a Special Assessment To The Property

Based upon the foregoing, the County Commission hereby orders abatement of the above described public nuisance at public expense and the Health Director is hereby authorized and directed to carry out this order.

It is further ordered and directed that the Health Director submit a bill for the cost and expense of abatement to the County Clerk for attachment to this order and that the County Clerk submit a certified copy of this order and such bill to the County Collector for inclusion as a special assessment on the real property tax bill for the above described property for the current year in accordance with section 67.402, RSMo.

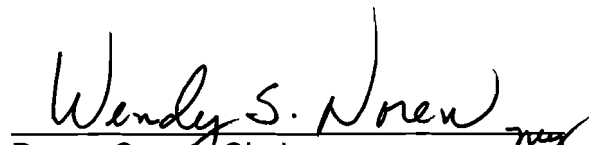
WITNESS the signature of the presiding commissioner on behalf Boone County Commission on the day and year first above written.

Boone County, Missouri
By Boone County Commission



Presiding Commissioner

ATTEST:



Boone County Clerk

May 13, 2013 3:41:40 PM CDT

File Edit Commands Help

SUNSHINE PUBLIC SECTOR

NavLine

5613

- Events
- Email log
- Reminders
- Work requests

Call Information

Call ID: 5613 Status: Open Entity: City of Columbia

Description:

Comments

440 East Clearview Dr. Billy Turner: TV, junk vehicles not licensed and in the yard and driveway, washer & dryer, bathroom sink, trash in yard and putting in the creek, lumber on top of carport roof and side, dogs all over and not taking care of, violent words towards dogs and children.

Call Details

Call type: CE-County Nuisance
 Entry date/time: 05/13/2013 08:31:14
 Entry user ID: Cassidy, Katy K. HL-ASA II
 Origin:
 Work group: Environmental Health

Contact Information

Q Contact ID: 154830
 Contact name: Undefined
 Q Home phone: (573) 999-9999
 Customer:
 Location:
 Service:

Call Assignment/Notification

Contact notification: Call back
 Notification date:
 Email updates: No
 Notification user:
 Forward to user: Vellema, Kristine - Health E

Close Information

Close date/time: 00:00:00
 Close user:
 Elapsed time:
 Action taken:

Print

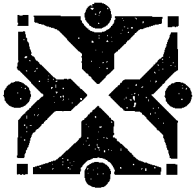
Cancel

Exit

Refresh

Toggle Inform...

Contact Inquiry



CITY OF COLUMBIA/BOONE COUNTY, MISSOURI



DEPARTMENT OF PUBLIC HEALTH AND HUMAN SERVICES

HEARING NOTICE

DIVISION OF ENVIRONMENTAL HEALTH

Billy D. Turner and Cardena F. Comley
440 E. Clearview Drive
Columbia, MO 65202

An inspection of the property you own located at 440 E. Clearview Drive (parcel # 11-619-24-01-042.00 01) was conducted on May 13, 2013 and revealed trash, junk, rubbish, garbage and tires on the premises. This condition was declared to be a nuisance and a violation of Boone County Public Nuisance Ordinance Section 6.5.

You are herewith notified that a hearing will be held before the County Commission on Thursday, October 3, 2013 at 1:30 p.m. in the County Commission Chambers at the Boone County Government Center, 801 E. Walnut Street, Columbia, Missouri. The purpose of this hearing will be to determine whether a violation exists. If the County Commission determines that a violation exists, it will order the violation to be abated.

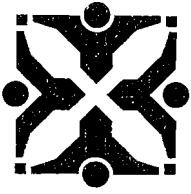
If the nuisance is not removed as ordered, the County Commission may have the nuisance removed. All costs of abatement, plus administrative fees, will be assessed against the property in a tax bill. **If the above nuisance condition has been corrected prior to the hearing, you do not have to appear for the hearing.**

The purpose of these ordinances is to create and maintain a cleaner, healthier community. If you have any questions, please do not hesitate to contact our office. If you are not the owner or the person responsible for the care of this property, please call our office at the number listed at the bottom of this letter.

Sincerely,

Kristine Vellema
Environmental Health Specialist

This notice deposited in the U.S. Mail, first class postage paid on the 18 day of September 2013 by KC



CITY OF COLUMBIA/BOONE COUNTY, MISSOURI



DEPARTMENT OF PUBLIC HEALTH AND HUMAN SERVICES

HEARING NOTICE

DIVISION OF ENVIRONMENTAL HEALTH

United States of America
Rural Housing Service
USA Department of Agriculture
Rural Housing Service-Centralized Servicing Center-USDA
PO Box 66889
St. Louis, MO 63166

An inspection of the property you hold a lien on located at 440 E. Clearview Drive (parcel # 11-619-24-01-042.00 01) was conducted on May 13, 2013 and revealed trash, junk, rubbish, garbage and tires on the premises. This condition was declared to be a nuisance and a violation of Boone County Public Nuisance Ordinance Section 6.5.

You are herewith notified that a hearing will be held before the County Commission on Thursday, October 3, 2013 at 1:30 p.m. in the County Commission Chambers at the Boone County Government Center, 801 E. Walnut Street, Columbia, Missouri. The purpose of this hearing will be to determine whether a violation exists. If the County Commission determines that a violation exists, it will order the violation to be abated.

If the nuisance is not removed as ordered, the County Commission may have the nuisance removed. All costs of abatement, plus administrative fees, will be assessed against the property in a tax bill. **If the above nuisance condition has been corrected prior to the hearing, you do not have to appear for the hearing.**

The purpose of these ordinances is to create and maintain a cleaner, healthier community. If you have any questions, please do not hesitate to contact our office. If you are not the owner or the person responsible for the care of this property, please call our office at the number listed at the bottom of this letter.

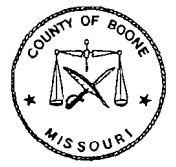
Sincerely,

Kristine Vellema
Environmental Health Specialist

This notice deposited in the U.S. Mail, first class postage paid on the 18 day of September 2013 by KC.



CITY OF COLUMBIA/BOONE COUNTY, MISSOURI



DEPARTMENT OF PUBLIC HEALTH AND HUMAN SERVICES
DIVISION OF ENVIRONMENTAL HEALTH

NOTIFICATION OF DETERMINATION OF PUBLIC HEALTH HAZARD AND/OR NUISANCE AND ORDER FOR ABATEMENT

United States of America
Rural Housing Service
USA Department of Agriculture
Rural Housing Service-Centralized Servicing Center-USDA
PO Box 66889
St. Louis, MO 63166

An inspection of the property you hold a lien on located at 440 E. Clearview Drive (parcel # 11-619-24-01-042.00 01) was conducted on May 13, 2013 and revealed trash, junk, rubbish, garbage and tires on the premises.

This condition is hereby declared to be a nuisance. You are herewith notified that you must begin correcting this condition within 7 days of receipt of this notice and order and that if the above nuisance condition has not been fully corrected within 15 days after the receipt of this notice, an additional enforcement action will result for violation of Boone County Public Nuisance Ordinance Section 6.5. A reinspection will be conducted at the end of the 15-day period. If the above nuisance condition has not been fully corrected by that time, a hearing before the Boone County Commission will be called to determine whether a violation exists. If the County Commission determines that a violation exists and the nuisance has not been removed as ordered, the County Commission may have the nuisance removed with the cost of abatement, plus administrative fees, charged against the property in a tax bill. In addition, a complaint may be filed against you in Circuit Court. If the above nuisance condition has been corrected within the 15-day period, no further action is necessary.

The purpose of these ordinances is to create and maintain a cleaner, healthier community. If you have any questions, please do not hesitate to contact our office. If you are not the owner or the person responsible for the care of this property, please call our office at the number listed at the bottom of this letter. Your cooperation is greatly appreciated.

Sincerely,

[Handwritten signature of Kristine N. Vellema]

Kristine N. Vellema
Environmental Health Specialist

This notice deposited in the U.S. Mail certified, return receipt requested on the 22 day of May 2013 by KC.

1005 W. Worley • P.O. Box 6015 • Columbia, Missouri 65205-6015
Phone: (573) 874-7346 • TTY: (573) 874-7356 • Fax: (573) 817-6407
www.GoColumbiaMo.com

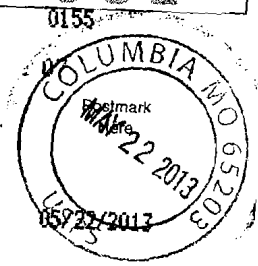
U.S. Postal Service™
CERTIFIED MAIL™ RECEIPT
(Domestic Mail Only; No Insurance Coverage Provided)

For delivery information visit our website at www.usps.com

OFFICIAL USE

7012 2920 0002 4738 6809

Postage	\$	\$0.46
Certified Fee		\$3.10
Return Receipt Fee (Endorsement Required)		\$2.55
Restricted Delivery Fee (Endorsement Required)		\$0.00
Total Postage & Fees	\$	\$6.11



USA, Rural Housing Service
 USA Department of Agriculture
 Rural Housing Service – Centralized Svc Center-
 USDA
 PO Box 66889
 St. Louis, MO 63166

for instructions

SENDER: COMPLETE THIS SECTION

- Complete Items 1, 2, and 3. Also complete item 4 if Restricted Delivery is desired.
- Print your name and address on the reverse so that we can return the card to you.
- Attach this card to the back of the mailpiece, or on the front if space permits.

1. Article Addressed to:

USA, Rural Housing Service
 USA Department of Agriculture
 Rural Housing Service – Centralized Svc Center-
 USDA
 PO Box 66889
 St. Louis, MO 63166

COMPLETE THIS SECTION ON DELIVERY

A. Signature Agent
X Addressee

B. Received by (Printed Name)
USDA - RD

C. Date of Delivery

D. Is delivery address different from item 1? Yes
 If YES, enter delivery address below: No

MAY 24 2013

3. Service Type
 Certified Mail Express Mail
 Registered Return Receipt for Merchandise
 Insured Mail C.O.D.

4. Restricted Delivery? (Extra Fee) Yes

2. Article Number (Transfer from service label) **7012 2920 0002 4738 6809**

AFFIDAVIT OF PUBLICATION

STATE OF MISSOURI) ss.
County of Boone)

I, Whitney Hiebert, being duly sworn according to law, state that I am one of the publishers of the Columbia Daily Tribune, a daily newspaper of general circulation in the County of Boone, State of Missouri, where located; which newspaper has been admitted to the Post Office as periodical class matter in the City of Columbia, Missouri, the city of publication; which newspaper has been published regularly and consecutively for a period of three years and has a list of bona fide subscribers, voluntarily engaged as such, who have paid or agreed to pay a stated price for a subscription for a definite period of time, and that such newspaper has complied with the provisions of Section 493.050, Revised Statutes of Missouri 2000, and Section 59.310, Revised Statutes of Missouri 2000. The affixed notice appeared in said newspaper on the following consecutive issues:

- 1st Insertion June 17, 2013
- 2nd Insertion _____
- 3rd Insertion _____
- 4th Insertion _____
- 5th Insertion _____
- 6th Insertion _____
- 7th Insertion _____
- 8th Insertion _____
- 9th Insertion _____
- 10th Insertion _____
- 11th Insertion _____
- 12th Insertion _____
- 13th Insertion _____
- 14th Insertion _____
- 15th Insertion _____
- 16th Insertion _____
- 17th Insertion _____
- 18th Insertion _____
- 19th Insertion _____
- 20th Insertion: _____
- 21st Insertion: _____
- 22nd Insertion: _____

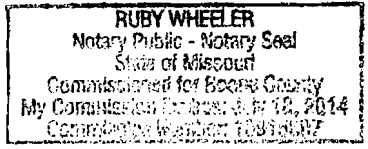
\$68.25

Printer's Fee

By *Whitney Hiebert*
Whitney Hiebert

Subscribed & sworn to before me this 21 day of June, 2013

[Signature]
Notary Public



NOTICE OF DECLARATION OF PUBLIC NUISANCE AND ORDER OF ABATEMENT

To: Billy D. Turner and Cardena F. Comley
440 E. Clearview Drive
Columbia, MO 65202

In accordance with section 67.402 RSMo and section 6.10, Boone County Code of Health Regulations, the undersigned gives notice to the above named persons or entities that the following described real property is hereby declared to contain the following described public nuisance which is ordered abated within 15 days of the date of this notice, and that if such abatement does not occur, then such nuisance may be ordered abated by action of the Columbia/Boone County Health Department, with the cost thereof to be the subject of a special tax bill against the property subject to abatement.

Property Description:
Clearview Subdivision, Plat 2, Lot 24, a/k/a 440 E. Clearview Drive as shown by deed book 3761 page 0221

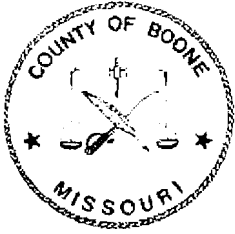
Type of Nuisance:
A derelict, unlicensed and inoperable white 4-door vehicle, a derelict, unlicensed and inoperable blue Volkswagen vehicle, trash, junk, rubbish, garbage and tires

The above named persons are further notified that if they fail to abate such nuisance within the time specified in this notice, or fail to appeal this declaration of public nuisance and order of abatement within the time permitted for abatement specified in this notice, then a public hearing shall be conducted before the Boone County Commission, Commission Chambers, 801 E. Walnut, Columbia MO 65201, at a time and date determined by the Commission, and the County Commission will make findings of fact, conclusions of law and a final decision concerning the public nuisance and order of abatement set forth herein. For information concerning these proceedings, contact the Columbia/Boone County Health Department, 1005 W. Worley Street, Columbia, MO 65203.

Date of Declaration, Order and Publication: _____

Stephanie Browning,
Director, Columbia/Boone County Health Department

INSERTION DATE: June 17, 2013.



Tom Schauwecker
Boone County Assessor

Boone County Government Center
 801 E. Walnut, Rm 143
 Columbia, MO 65201-7733

Office (573) 886-4270
 Fax (573) 886-4254

Parcel 11-619-24-01-042.00 01 **Property Location** 440 E CLEARVIEW DR

City _____ Road COUNTY ROAD DISTRICT (CO) School COLUMBIA (C1)
 Library BOONE COUNTY (L1) Fire BOONE COUNTY (F1)

Owner TURNER BILLY D & CARDENA F COMLEY
 Address 440 E CLEARVIEW DR
 City, State Zip COLUMBIA, MO 65202

Subdivision Plat Book/Page 0010 0093
 Section/Township/Range 24 49 13

Legal Description CLEARVIEW PLAT 2
 LOT 24
 Lot Size 80 x 125

Deed Book/Page 3761 0221 3609 0169 3581 0066 3539 0021

Type	Current Appraised			Type	Current Assessed		
	Land	Bldgs	Total		Land	Bldgs	Total
RI	14,500	57,300	71,800	RI	2,755	10,887	13,642
Totals	14,500	57,300	71,800	Totals	2,755	10,887	13,642

Most Recent Tax Bill(s)

Residence Description

Year Built 1969
 Use SINGLE FAMILY (101)

Basement	FULL (4)	Attic	NONE (1)
Bedrooms	3	Main Area	960
Full Bath	1	Finished Basement Area	0
Half Bath	0		
Total Rooms	6	Total Square Feet	960

www.ShowMeBoone.com, Boone County, Missouri. 801 East Walnut Columbia, MO 65201 USA.

Boone County
Unofficial Document



Recorded in Boone County, Missouri

Date and Time: 01/25/2011 at 09:36:03 AM
Instrument # 2011001518 Book 3761 Page.221

Grantor LALLY, TREVOR
Grantee TURNER, BILLY D

Instrument Type WD
Recording Fee \$27.00 S
No of Pages 2

Bettie Johnson
Bettie Johnson, Recorder of Deeds



(Space above reserved for Recorder of Deeds Certification)

GENERAL WARRANTY DEED

This Deed, made and entered into this 21st day of January, 2011, by and between
Trevor Lally, a single person

Grantor(s),

of the County of Boone, State of Missouri party of the first part, and
Billy D. Turner and Cardena F. Comley, as joint tenants with rights of survivorship

Grantee(s),

Grantee(s) address: 440 E Clearview Dr Columbia, MO 65202
of the County of Boone, State of Missouri party of the second part.

WITNESSETH, that the said party or parties of the first part, for and in consideration of the sum of One Dollar (\$1.00) and other valuable considerations paid by the said party or parties of the second part, the receipt of which is hereby acknowledged, does or do by these presents GRANT, BARGAIN AND SELL, CONVEY AND CONFIRM unto the said party or parties of the second part, the following described Real Estate, situated in the County of Boone and the State of Missouri, to-wit:

Lot Twenty-four (24) of CLEARVIEW SUBDIVISION PLAT TWO (2) as shown by Plat recorded in Plat Book 10, Page 93, Records of Boone County, Missouri

Boone County, Missouri
Unofficial Document BOONE COUNTY MO JAN 25 2011

Subject to building lines, conditions, restrictions, easements and zoning regulations of record if any.

TO HAVE AND TO HOLD the same, together with all rights and appurtenances to the same belonging, unto the said party or parties of the second part, and to the heirs and assigns of such party or parties forever.

The said party or parties of the first part hereby covenanting that the said party of parties and the heirs, executors and administrators of such party or parties, shall and will WARRANT AND DEFEND the title to the premises unto the said party or parties of the second part, and to the heirs and assigns of such party or parties forever against the lawful claims of all persons whomsoever, excepting, however, the general taxes for the calendar year 2011 and thereafter, and special taxes becoming a lien after the date of this deed.

IN WITNESS WHEREOF, the said party or parties of the first part has or have hereunto set their hand or hands the day and year above written.



Trevor Lally

STATE OF MISSOURI)
COUNTY OF Boone) ss.

On this 21st day of January, 2011, before me personally appeared:
Trevor Lally, a single person

to me known to be the person or persons described in and who executed the same as his
free act and deed.

IN TESTIMONY WHEREOF, I have hereunto set my hand and affixed my official seal the day and year first above written.



Notary Public

MAUREEN A. DALTON
Notary Public - Notary Seal
STATE OF MISSOURI
County of Boone
My Commission #10524787
Commission Expires 10-7-2014

My Commission Expires:

CERTIFIED COPY OF ORDER

STATE OF MISSOURI }
County of Boone } ea.

October Session of the July Adjourned

Term. 20 13

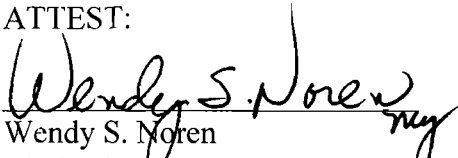
In the County Commission of said county, on the 3rd day of October 20 13


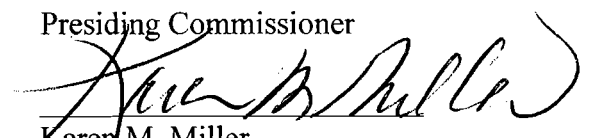
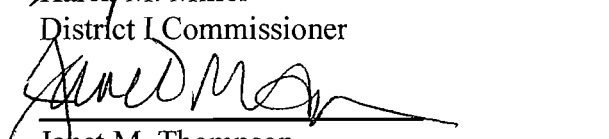
the following, among other proceedings, were had, viz:

Now on this day the County Commission of the County of Boone does hereby award bid 36-12SEP13 – Andrew Sapp Road and Old Mill Creek Road Bridge Repairs to APAC – Missouri, Inc. of Columbia, MO. The terms of the agreement are stipulated in the attached Purchase Agreement. It is further ordered the Presiding Commissioner is hereby authorized to sign said Purchase Agreement.

Done this 3rd day of October, 2013.

ATTEST:


Wendy S. Noren
Clerk of the County Commission


Daniel K. Atwill
Presiding Commissioner

Karen M. Miller
District I Commissioner

Janet M. Thompson
District II Commissioner

9/16/13

To: County Clerk's Office
Comm Order # 446-2013

**REQUEST
DATE**

**PURCHASE REQUISITION
BOONE COUNTY, MISSOURI**

Return to Auditor's Office
Please do not remove staple.

7490

APAC MO, Inc

36-12SEP13

VENDOR NO.

VENDOR NAME

BID NUMBER

Ship to Department #

2045

Bill to Department #

2045

Department	Account	Item Description	Qty	Unit Price	Amount
2045	71100	Hydro Demo Andrew Sapp			\$129,799.00
		Rd Bridge			
2045	71100	Hydro Demo Old Mill Creek			\$85,320.50
		Rd Bridge			
2045	71100	10% Contingency			\$21,511.95

GRAND TOTAL: 236,631.45

I certify that the goods, services or charges above specified are necessary for the use of this department, are solely for the benefit of the county, and have been procured in accordance with statutory bidding requirements.

[Signature]
Approving Official

[Signature]
Prepared By

10/2/13
Auditor Approval

Boone County Purchasing

Amy Robbins
Senior Buyer



613 E. Ash Street, Room 109
Columbia, MO 65201
Phone: (573) 886-4392
Fax: (573) 886-4390

MEMORANDUM

TO: Boone County Commission
FROM: Amy Robbins, Senior Buyer
DATE: October 1, 2013
RE: 36-12SEP13 – Andrew Sapp Rd. and Old Mill Creek Rd. Bridge Repairs

36-12SEP13 – Andrew Sapp Rd. and Old Mill Creek Rd. Bridge Repairs opened in Commission Chambers on September 12, 2013. Three bids were received and Resource Management recommends award by low bid to APAC – Missouri, Inc. of Columbia, MO.

Cost of the contract is \$215,119.50.00 and will be paid from department 2045– PW- Design Construction, account 71100 – Outside Services. \$172,305.00 was estimated for this bid.

cc: Daniel Haid, Resource Management
Bid File

[36-12SEP13] - ANDREW SAPP RD. AND OLD MILL CREEK RD. BRIDGE REPAIRS

BID TABULATION			ENGINEER'S ESTIMATE		APAC - Missouri, Inc. Columbia, MO		Concrete Strategies St. Louis, MO		PCI Roads St. Michael, MN		AVERAGE BID	
Description	Qty.	Unit	Unit Price	Total	Unit Price	Total	Unit Price	Total	Unit Price	Total	Unit Price	Total
ANDREW SAPP ROAD BRIDGE												
MOBILIZATION	1	LS	\$10,000.00	\$10,000.00	\$26,000.00	\$26,000.00	\$28,129.00	\$28,129.00	\$34,763.00	\$34,763.00	\$29,630.67	\$29,630.67
TRAFFIC CONTROL	1	LS	\$4,000.00	\$4,000.00	\$2,800.00	\$2,800.00	\$6,505.00	\$6,505.00	\$10,685.00	\$10,685.00	\$6,663.33	\$6,663.33
HYRO-DEMOLITION, FULL SURFACE W/VACUUM SYSTEM	420	SY	\$70.00	\$29,400.00	\$63.00	\$26,460.00	\$90.55	\$38,031.00	\$89.00	\$37,380.00	\$80.85	\$33,957.00
LATEX MODIFIED CONCRETE WEARING SURFACE	29	CY	\$1,250.00	\$36,500.00	\$1,200.00	\$35,040.00	\$1,953.00	\$57,027.60	\$2,661.00	\$77,701.20	\$1,938.00	\$56,589.60
MECHANICALLY STABILIZED FILL SYSTEM	57	SY	\$180.00	\$10,260.00	\$323.00	\$18,411.00	\$409.10	\$23,318.70	\$88.00	\$5,016.00	\$273.37	\$15,581.90
PAVEMENT PATCH	55	SY	\$18.00	\$990.00	\$79.00	\$4,345.00	\$124.50	\$6,847.50	\$230.00	\$12,650.00	\$144.50	\$7,947.50
TYPE 2 ROCK BLANKET	123	TON	\$50.00	\$6,150.00	\$89.00	\$10,947.00	\$94.52	\$11,625.96	\$95.00	\$11,685.00	\$92.84	\$11,419.32
VERTICAL DRAIN	27.0	LF	\$50.00	\$1,350.00	\$18.00	\$486.00	\$30.15	\$814.05	\$83.00	\$2,241.00	\$43.72	\$1,180.35
4" SCH 40 PVC DRAIN PIPE	50.0	LF	\$10.00	\$500.00	\$13.00	\$650.00	\$13.50	\$675.00	\$46.00	\$2,300.00	\$24.17	\$1,208.33
PILE CLEAN & COAT	5	EA	\$500.00	\$2,500.00	\$532.00	\$2,660.00	\$269.00	\$1,345.00	\$2,100.00	\$10,500.00	\$967.00	\$4,835.00
EROSION CONTROL	1	LS	\$3,000.00	\$3,000.00	\$500.00	\$500.00	\$2,224.00	\$2,224.00	\$3,400.00	\$3,400.00	\$2,041.33	\$2,041.33
SEEDING AND RESTORATION	1	LS	\$3,000.00	\$3,000.00	\$1,500.00	\$1,500.00	\$2,945.00	\$2,945.00	\$6,500.00	\$6,500.00	\$3,648.33	\$3,648.33
ANDREW SAPP ROAD BRIDGE TOTAL				\$107,650.00		\$129,799.00		\$179,487.81		\$214,821.20		\$174,702.67
OLD MILL CREEK ROAD BRIDGE												
MOBILIZATION	1	LS	\$10,000.00	\$10,000.00	\$20,000.00	\$20,000.00	\$21,953.00	\$21,953.00	\$34,763.00	\$34,763.00	\$25,572.00	\$25,572.00
TRAFFIC CONTROL	1	LS	\$5,000.00	\$5,000.00	\$2,800.00	\$2,800.00	\$6,281.00	\$6,281.00	\$8,556.00	\$8,556.00	\$5,879.00	\$5,879.00
HYRO-DEMOLITION, FULL SURFACE W/VACUUM SYSTEM	106	SY	\$100.00	\$10,600.00	\$99.00	\$10,494.00	\$208.28	\$22,077.68	\$89.00	\$9,434.00	\$132.09	\$14,001.89
LATEX MODIFIED CONCRETE WEARING SURFACE	7	CY	\$1,600.00	\$11,840.00	\$1,875.00	\$13,875.00	\$5,328.42	\$39,430.31	\$2,661.00	\$19,691.40	\$3,288.14	\$24,332.24
MECHANICALLY STABILIZED FILL SYSTEM	52	SY	\$180.00	\$9,360.00	\$334.00	\$17,368.00	\$443.92	\$23,083.84	\$88.00	\$4,576.00	\$288.64	\$15,009.28
PAVEMENT PATCH	50	SY	\$18.00	\$900.00	\$85.00	\$4,250.00	\$132.60	\$6,630.00	\$230.00	\$11,500.00	\$149.20	\$7,460.00
TYPE 2 ROCK BLANKET	113	TON	\$60.00	\$6,780.00	\$95.00	\$10,735.00	\$101.30	\$11,446.90	\$95.00	\$10,735.00	\$97.10	\$10,972.30
VERTICAL DRAIN	23.5	LF	\$50.00	\$1,175.00	\$21.00	\$493.50	\$34.58	\$812.63	\$83.00	\$1,950.50	\$46.19	\$1,085.54
4" SCH 40 PVC DRAIN PIPE	50	LF	\$10.00	\$500.00	\$13.00	\$650.00	\$13.50	\$675.00	\$46.00	\$2,300.00	\$24.17	\$1,208.33
PILE CLEAN & COAT	5	EA	\$500.00	\$2,500.00	\$531.00	\$2,655.00	\$269.00	\$1,345.00	\$2,100.00	\$10,500.00	\$966.67	\$4,833.33
EROSION CONTROL	1	LS	\$3,000.00	\$3,000.00	\$500.00	\$500.00	\$2,224.00	\$2,224.00	\$3,400.00	\$3,400.00	\$2,041.33	\$2,041.33
SEEDING AND RESTORATION	1	LS	\$3,000.00	\$3,000.00	\$1,500.00	\$1,500.00	\$2,945.00	\$2,945.00	\$6,500.00	\$6,500.00	\$3,648.33	\$3,648.33
OLD MILL CREEK ROAD BRIDGE TOTAL				\$64,655.00		\$85,320.50		\$138,904.36		\$123,905.90		\$116,043.59
Bid Total				\$172,305.00		\$215,119.50		\$318,392.17		\$338,727.10		\$290,746.26
Bid Response						Y		Y		Y		
Debarment Form						Y		Y		Y		
Work Authorization Certification						Y		Y		Y		
Statement of Bidders Qualifications						Y		Y		Y		
Anti-Collusion Statement						Y		Y		Y		
Bid Bond						Y		Y		Y		
Signature and Identity of Bidder						Y		Y		Y		
Bidders Acknowledgment						Y		Y		Y		

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CONTRACT AGREEMENT

THIS AGREEMENT, made and entered into by and between the County of Boone through the Boone County Commission (hereinafter referred to as the Owner), and APAC-Missouri, Inc. (hereinafter referred to as the Contractor).

WITNESSETH: That for and in consideration of the acceptance of Contractor's bid and the award of this contract to said Contractor by the Owner and in further consideration of the agreements of the parties herein contained, to be well and truly observed and faithfully kept by them, and each of them, it is agreed between the parties as follows, to wit:

The Contractor at his own Expense hereby agrees to do or furnish all labor, materials, and equipment called for in the bid designated and marked:

**BID NUMBER 36-12SEP13
ANDREW SAPP RD. AND OLD MILL CREEK RD. BRIDGE REPAIRS
BOONE COUNTY, MISSOURI**

and agrees to perform all the work required by the contract as shown on the plans and specifications. The contract award is to **be in the amount of \$215,119.50.**

The following contract documents and any applicable Addenda are made a part hereof as fully as if set out herein: Change orders issued subsequent to this contract shall be subject to the terms and conditions of the agreement unless otherwise specified in writing.

Notice to Bidders
Bid Form
Instructions to Bidders
Bid Response
Certification Regarding Debarment
Work Authorization Certification
Statement of Bidders Qualifications
Anti-Collusion Statement
Signature and Identity of Bidder
Bidder's Acknowledgment
Insurance Requirements
Contract Conditions
Performance Bond, bonds must be filled out and returned within 15 days of the date of this contract.
Labor & Material Payment Bond, bonds must be filled out and returned within 15 days of the date of this contract.
Affidavit - OSHA Requirements
Affidavit - Prevailing Wage
General Specifications
Technical Specifications
Special Provisions
State Wage Rates- Prevailing Wage Order #20
Boone County Standard Terms and Conditions
Project Plans and/or Details

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It is understood and agreed that, except as may be otherwise provided for by the "General Specifications, and "Technical Specifications," and "Special Provisions" the work shall be done in accordance with the "Missouri Standard Specifications for Highway Construction, 2011", a copy of which can be obtained from the State of Missouri, Missouri Highway and Transportation Division in Jefferson City, Missouri. Said Specifications are part and parcel of this contract, and are incorporated in this contract as fully and effectively as if set forth in detail herein.

The Contractor further agrees that he is fully informed regarding all of the conditions affecting the work to be done, and labor and materials to be furnished for the completion of this contract, and that his information was secured by personal investigation and research and not from any estimates of the Owner; and that he will make no claim against the Owner by reason of estimates, tests, or representation of any officer, agent, or employees of the Owner.

The said Contractor agrees further to begin work not later than the authorized date in the Notice to Proceed, and to complete the work within the time specified in the contract documents or such additional time as may be allowed by the Engineer under the contract.

The work shall be done to complete satisfaction of the Owner and, in the case the Federal Government or any agency thereof is participating in the payment of the cost of construction of the work, the work shall also be subject to inspection and approval at all times by the proper agent or officials of such government agency.

The parties hereto agree that this contract in all things shall be governed by the laws of the State of Missouri.

Contractor agrees it will pay not less than the prevailing hourly rate of wages to all workers performing work under the contract in accordance with the prevailing wage determination issued by the Division of Labor Standards of the Department of Labor and Industrial Relations for the State of Missouri and as maintained on file with the Boone County Resource Management Department.

The Contractor further agrees that it shall forfeit as a penalty to the County of Boone the sum of \$100.00 for each worker employed for each calendar day or portion thereof such worker is paid less than the stipulated rates set forth in the prevailing wage determination for the project for any work done under this contract by the Contractor or by any Subcontractor employed by the Contractor pursuant to the provisions of Section 290.250 RSMo. The Contractor further agrees that it will abide by all provisions of the prevailing wage law as set forth in Chapter 290 RSMo. and rules and regulations issued thereunder and that any penalties assessed may be withheld from sums due to the Contractor by the Owner.

The contractor agrees that he will comply with all federal, state, and local laws and regulations and ordinances and that he/she will comply and cause each of his/her subcontractors, and directives pertaining to nondiscrimination against any person on the grounds of race, color, religion, creed, sex, age, ancestry, or national origin in connection with this contract, including procurement of materials and lease of equipment; therefore, in accordance with the special provisions on that subject attached hereto, incorporated in and made a part of the Contract.

The Contractor expressly warrants that he/she has employed no third person to solicit or obtain this contract in his behalf, or to cause or procure the same to be obtained upon compensation in any way contingent, in whole or in part, upon such procurement; and that he has not paid, or promised or agreed to pay to any third person, in consideration of such procurement, or in compensation for services in connection therewith, any brokerage, commission or percentage upon the amount receivable by him hereunder; and that he has not, in estimating the contract price demand by him, included any sum by reason of such brokerage, commission, or percentage; and that all moneys payable to him hereunder are free from obligation of any other person for

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services rendered, or supposed to have been rendered, in the procurement of this contract. He further agrees that any breach of this warranty shall constitute adequate cause for the annulment of this contract by the Owner, and that the Owner may retain to its own use from any sums due to or to become due hereunder an amount equal to any brokerage, commission, or percentage so paid, or agreed to be paid.

The Contractor is aware of the provisions of the Overhead Power Line Safety Act, 319.075 to 319.090 RSMo, and agrees to comply with the provisions thereof. Contractor understands that is their duty to notify any utility operating high voltage overhead lines and make appropriate arrangements with said utility if the performance of contract would cause any activity within ten feet of any high voltage overhead line. To the fullest extent permitted by law, Contractor shall indemnify, hold harmless and defend the County, its directors, officers, agents, and employees from and against all claims, damages, losses and expenses (including but not limited to attorney's fees) arising by reason of any act or failure to act, negligent or otherwise, of Contractor, of any subcontractor (meaning anyone, including but not limited to consultants having a contract with contractor or a subcontract for part of the services), of anyone directly or indirectly employed by contractor or by any subcontractor, or of anyone for whose acts the contractor or its subcontractor may be liable, in connection with any claims arising under the Overhead Power Line Safety Act. Contractor expressly waives any action for Contribution against the County on behalf of the Contractor, any subcontractor (meaning anyone, including but not limited to consultants having a contract with contractor or a subcontract for part of the services), anyone directly or indirectly employed by contractor or by any subcontractor, or of anyone for whose acts the contractor or its subcontractor may be liable, and agrees to provide a copy of this waiver to any party affected by this provision.

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The Owner agrees to pay the Contractor in the amount: \$215,119.50.

Two Hundred Fifteen Thousand, One Hundred Nineteen Dollars and Fifty Cents (\$215,119.50)

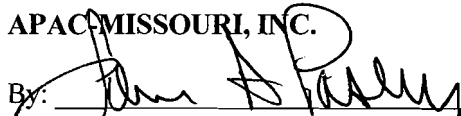
as full compensation for the performance of work embraced in this contract, subject to the terms of payment as provided in the contract documents and subject to adjustment as provided for changes in quantities and approved change orders.

IN WITNESS WHEREOF, the parties hereto have signed and entered this agreement on _____ at Columbia, Missouri.

(Date)


CONTRACTOR:

APAC MISSOURI, INC.

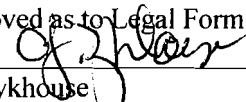
By: 
Authorized Representative Signature
John A. Pasley, Vice President

By: _____
Authorized Representative Printed Name
Title: Vice President

OWNER, BOONE COUNTY, MISSOURI

By: 
Daniel K. Atwill, Presiding Commissioner

Approved as to Legal Form:

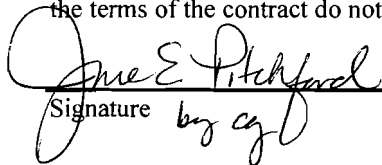

CJ Dykhouse
Boone County Counselor

ATTEST:


Wendy Noren, County Clerk *my*

AUDITOR CERTIFICATION

In accordance with RSMo 50.660, I hereby certify that a sufficient unencumbered appropriation balance exists and is available to satisfy the obligation(s) arising from this contract. (Note: Certification of this contract is not required if the terms of the contract do not create a measurable county obligation at this time.)


Signature *by cyd*

10/2/13
Date

2045-71100 - \$215,119.50

Appropriation Account

PERFORMANCE BOND

KNOW ALL PERSONS BY THESE PRESENTS, that we,
APAC - MISSOURI, INC.

as Principal, hereinafter called Contractor, and FEDERAL INSURANCE COMPANY

a Corporation, organized under the laws of the State of INDIANA
and authorized to transact business in the State of Missouri, as Surety, hereinafter called Surety, are held
and firmly bound unto the County of Boone, Missouri, as Obligee, hereinafter called Owner, in the
amount of TWO HUNDRED FIFTEEN THOUSAND ONE HUNDRED NINETEEN AND 50/100 Dollars, (\$215,119.50)
for the payment whereof Contractor and Surety bind themselves, their heirs, executors, administrators,
successors and assigns jointly and severally, firmly by these presents:

WHEREAS, Contractor has, by written agreement dated _____ entered into a
Contract with Owner for:

BID NUMBER 36-12SEP13
ANDREW SAPP RD. AND OLD MILL CREEK RD. BRIDGE REPAIRS
BOONE COUNTY, MISSOURI

in accordance with the specifications and/or prepared by the County of Boone, which contract is by
reference made a part hereof, and is hereinafter referred to as the Contract.

NOW, THEREFORE, THE CONDITION OF THIS OBLIGATION is such that, if Contractor shall
promptly and faithfully perform said Contract, and shall faithfully perform the prevailing hourly wages
and comply with all prevailing wage requirements as provided by such Contract and applicable
prevailing wage laws, rules, and rates specified by regulation thereunder, then this obligation shall be
null and void; otherwise it shall remain in full force and effect.

The Surety hereby waives notice of any alteration or extension of time made by the Owner.

Whenever Contractor shall be, and declared by Owner to be, in default under the Contract, the Owner
having performed Owner's obligations thereunder, the Surety may promptly remedy the default, or shall
promptly:

- 1) Complete the Contract in accordance with its terms and conditions, or
- 2) Obtain a bid for submission to Owner for completing the Contract in accordance with its terms and
conditions, and upon determination by Owner and Surety of the lowest responsible bidder, arrange for a
Contract between such bidder and Owner, and make available as work progresses (even though there
should be a default of a succession of defaults under the Contract or Contracts of completion arranged
under this paragraph) sufficient fund to pay the cost of completion less the balance of the Contract price,
but not exceeding, including other costs and damages for which the Surety may be liable hereunder, the
amount set forth in the first paragraph hereof. The term "balance of the Contract price", as used in this

paragraph, shall mean the total amount payable by Owner to Contractor under the Contract and any amendments thereto, less the amount properly paid by Owner to Contractor.

Any suit under this bond must be instituted before the expiration of two (2) years from the date on which ~~final payment under the Contract falls due.~~

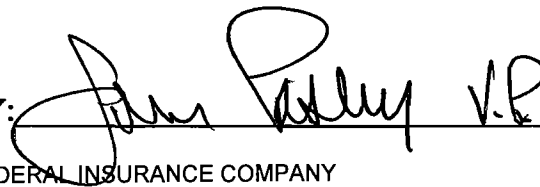
No right of action shall accrue on this bond to or for the use of any person or corporation other than the Owner named herein or the heirs, executors, administrators or successors of owner.

IN TESTIMONY WHEREOF, the Contractor has hereunto set his hand and the Surety has caused these presents to be executed in its name, and its corporate seal to be affixed by its Attorney-In-Fact at COLUMBIA, MO & SALT LAKE CITY, UT _____, on this 25TH day of SEPTEMBER, 2013.

APAC - MISSOURI, INC.


(Contractor)

(SEAL)

BY: 
FEDERAL INSURANCE COMPANY

(Surety Company)

(SEAL)

BY: 
(Attorney-In-Fact) JESSICA ARNOLD
MO LICENSE #8244868

BY: 
(Missouri Representative) JESSICA ARNOLD
MO LICENSE #8244868

(Accompany this bond with Attorney-In-Fact's authority from the Surety Company certified to include the date of this bond.)

Surety Contact Name: JESSICA ARNOLD
Phone Number: 801-533-3629
Address: 15 W. SOUTH TEMPLE, STE. 700
SALT LAKE CITY, UT 84101

LABOR AND MATERIAL PAYMENT BOND

KNOW ALL PERSONS BY THESE PRESENTS, that we, APAC - MISSOURI, INC.

~~as Principal, hereinafter called Contractor, and~~ FEDERAL INSURANCE COMPANY

a corporation organized under the laws of the State of INDIANA, and authorized to transact business in the State of Missouri, as Surety, hereinafter called Surety, are held and firmly bound unto the County of Boone, Missouri, as Obligee, hereinafter called Owner, for the use and benefit of claimants as herein below defined, in the amount of

TWO HUNDRED FIFTEEN THOUSAND ONE HUNDRED NINETEEN AND 50/100 DOLLARS

(\$ 215,119.50), for the payment whereof Contractor and Surety bind themselves, their heirs, executors, administrators, successors, and assigns, jointly and severally, firmly by these presents:

WHEREAS, Contractor has by written agreement dated _____ entered into a contract with Owner for

BID NUMBER 36-12SEP13
ANDREW SAPP RD. AND OLD MILL CREEK RD. BRIDGE REPAIRS
BOONE COUNTY, MISSOURI

in accordance with specifications and/or plans prepared by the County of Boone which contract is by reference made a part hereof, and is hereinafter referred to as the Contract.

NOW, THEREFORE, THE CONDITION OF THIS OBLIGATION is such that the Contractor shall promptly make payments to all claimants as hereinafter defined, for all labor and material used or reasonably required for use in the performance of the Contract, then this obligation shall be void; otherwise, it shall remain in full force and effect, subject, however, to the following conditions.

- A. A claimant is defined as one having a direct contract with the Contractor or with a subcontractor of the Contractor for labor, material, or both, used or reasonably required for use in the performance of the Contract; labor and material being construed to include the part of water, gas, power, light, heat, oil, gasoline, telephone service, rental, or equipment directly applicable to the Contract.
- B. The above named Contractor and Surety hereby jointly and severally agree with the Owner that every claimant as herein defined, who has not been paid in full before the expiration of a period of ninety (90) days after the date on which the last of such claimant's work or labor was done or performed, or materials were furnished by such claimant, may sue on this bond for the use of such claimant, prosecute the suit to final judgment for such sum or sums as may be justly due claimant, and have execution thereon. The owner shall not be liable for the payment of any costs or expenses of any such suit.
- C. No suit or action shall be commenced hereunder by any claimant:

1. Unless claimant, other than one having a direct contact with the Contractor, shall have given written notice to any two of the following: the Contractor, the Owner, or the Surety above named, within ninety (90) days after such claimant did or performed the last of the work or labor, or ~~furnished the last of the materials for which said claim is made, stating with substantial or~~ furnished the last of the materials for which said claim is made, stating with substantial accuracy the amount claimed and the name of the party to whom the materials were furnished, or for whom the work or labor was done or performed. Such notice shall be served by mailing the same by registered mail or certified mail, postage prepaid, in an envelope addressed to the Contractor, Owner, or Surety, at any place where an office is regularly maintained for the transaction of business, or served in any manner in which legal process may be served in the state in which the aforesaid project is located, save that such service need not be made by a public officer.

2. After the expiration of one (1) year following the date on which Contractor ceased work on said contract, it being understood, however, that if any limitation embodied in this bond is prohibited by any law controlling the construction hereof, such limitation shall be deemed to be amended so as to be equal to the minimum period of limitation permitted by such law.

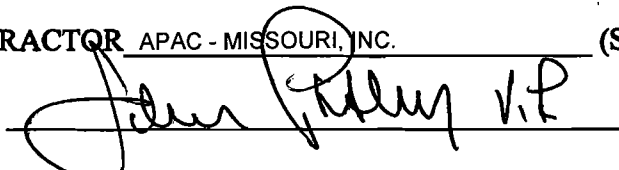
3. Other than in a state court of competent jurisdiction in and for the county or other political subdivision of the state in which the project, or any part thereof, is situated or in the United States District Court for the district in which the project, or any part thereof, is situated, and not elsewhere.

D. The amount of this bond shall be reduced by and to the extent of any payment or payments made in good faith hereunder, inclusive of the payment by Surety of Mechanic's Liens which may be filed on record against said improvement, whether or not claim for the amount of such lien be presented under or against this bond.

IN TESTIMONY WHEREOF, the Contractor has hereunto set their hand and the Surety caused these present to be executed in its name and its corporate seal to be affixed by its Attorney-In-Fact at COLUMBIA, MO & SALT LAKE CITY, UT on this 25TH day of SEPTEMBER 20 13 .


CONTRACTOR APAC - MISSOURI, INC. (SEAL)

BY:

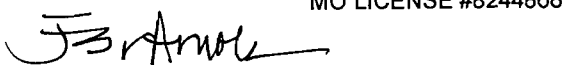


SURETY COMPANY FEDERAL INSURANCE COMPANY

BY:


(Attorney-In-Fact) JESSICA ARNOLD
MO LICENSE #8244868

BY:

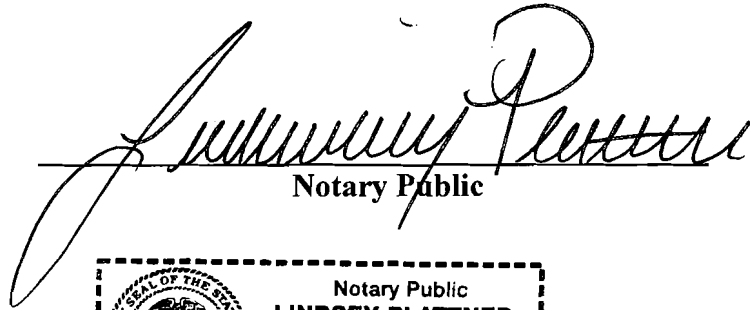

(Missouri Representative) JESSICA ARNOLD, MO LICENSE #8244868

(Accompany this bond with Attorney-In-Fact's authority from the Surety Company certified to include the date of this bond. Include Surety's address and contact name with phone number)

SURETY ACKNOWLEDGMENT

STATE OF UTAH }
COUNTY OF SALT LAKE } **SS**

On this 25TH day of SEPTEMBER, 2013, before me personally came JESSICA ARNOLD to me known, who, being by me duly sworn, did depose and say that she is an Attorney-In-Fact of FEDERAL INSURANCE COMPANY the corporation described in and which executed the within instrument; that she knows the corporate seal of said corporation, that the seal affixed to the within instrument is such corporate seal, and that she signed the said instrument and affixed the said seal as Attorney-In-Fact of the Board of Directors of said corporation and by authority of this office under the Standing Resolutions thereof.


Notary Public





**Chubb
Surety**

**POWER
OF
ATTORNEY**

**Federal Insurance Company
Vigilant Insurance Company
Pacific Indemnity Company**

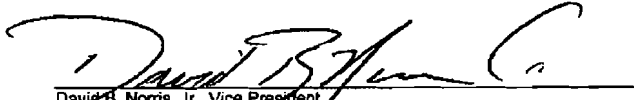
**Attn: Surety Department
15 Mountain View Road
Warren, NJ 07059**

Know All by These Presents, That FEDERAL INSURANCE COMPANY, an Indiana corporation, VIGILANT INSURANCE COMPANY, a New York corporation, and PACIFIC INDEMNITY COMPANY, a Wisconsin corporation, do each hereby constitute and appoint Jessica Arnold, Tina Davis, Lisa Hall and Lindsey Plattner of Salt Lake City, Utah

each as their true and lawful Attorney-in-Fact to execute under such designation in their names and to affix their corporate seals to and deliver for and on their behalf as surety thereon or otherwise, bonds and undertakings and other writings obligatory in the nature thereof (other than bail bonds) given or executed in the course of business, and any instruments amending or altering the same, and consents to the modification or alteration of any instrument referred to in said bonds or obligations.

In Witness Whereof, said FEDERAL INSURANCE COMPANY, VIGILANT INSURANCE COMPANY, and PACIFIC INDEMNITY COMPANY have each executed and attested these presents and affixed their corporate seals on this **27th** day of **March, 2013**.


David J. Edwards, Assistant Secretary


David B. Norris, Jr., Vice President

STATE OF NEW JERSEY

ss.

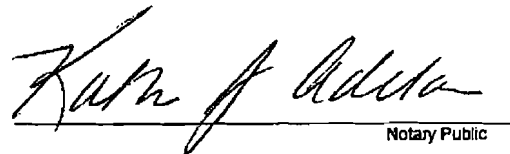
County of Somerset

On this **27th** day of **March, 2013** before me, a Notary Public of New Jersey, personally came David J. Edwards, to me known to be Assistant Secretary of FEDERAL INSURANCE COMPANY, VIGILANT INSURANCE COMPANY, and PACIFIC INDEMNITY COMPANY, the companies which executed the foregoing Power of Attorney, and the said David J. Edwards, being by me duly sworn, did depose and say that he is Assistant Secretary of FEDERAL INSURANCE COMPANY, VIGILANT INSURANCE COMPANY, and PACIFIC INDEMNITY COMPANY and knows the corporate seals thereof, that the seals affixed to the foregoing Power of Attorney are such corporate seals and were thereto affixed by authority of the By-Laws of said Companies; and that he signed said Power of Attorney as Assistant Secretary of said Companies by like authority; and that he is acquainted with David B. Norris, Jr., and knows him to be Vice President of said Companies; and that the signature of David B. Norris, Jr., subscribed to said Power of Attorney is in the genuine handwriting of David B. Norris, Jr., and was thereto subscribed by authority of said By-Laws and in deponent's presence.

Notarial Seal



**KATHERINE J. ADELAAR
NOTARY PUBLIC OF NEW JERSEY
No 2316685
Commission Expires July 16, 2014**


Notary Public

CERTIFICATION

Extract from the By-Laws of FEDERAL INSURANCE COMPANY, VIGILANT INSURANCE COMPANY, and PACIFIC INDEMNITY COMPANY:

"All powers of attorney for and on behalf of the Company may and shall be executed in the name and on behalf of the Company, either by the Chairman or the President or a Vice President or an Assistant Vice President, jointly with the Secretary or an Assistant Secretary, under their respective designations. The signature of such officers may be engraved, printed or lithographed. The signature of each of the following officers: Chairman, President, any Vice President, any Assistant Vice President, any Secretary, any Assistant Secretary and the seal of the Company may be affixed by facsimile to any power of attorney or to any certificate relating thereto appointing Assistant Secretaries or Attorneys-in-Fact for purposes only of executing and attesting bonds and undertakings and other writings obligatory in the nature thereof, and any such power of attorney or certificate bearing such facsimile signature or facsimile seal shall be valid and binding upon the Company and any such power so executed and certified by such facsimile signature and facsimile seal shall be valid and binding upon the Company with respect to any bond or undertaking to which it is attached."

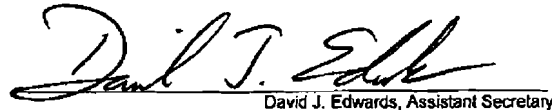
I, David J. Edwards, Assistant Secretary of FEDERAL INSURANCE COMPANY, VIGILANT INSURANCE COMPANY, and PACIFIC INDEMNITY COMPANY

(the "Companies") do hereby certify that

- (i) the foregoing extract of the By-Laws of the Companies is true and correct,
- (ii) the Companies are duly licensed and authorized to transact surety business in all 50 of the United States of America and the District of Columbia and are authorized by the U.S. Treasury Department; further, Federal and Vigilant are licensed in Puerto Rico and the U.S. Virgin Islands, and Federal is licensed in American Samoa, Guam, and each of the Provinces of Canada except Prince Edward Island; and
- (iii) the foregoing Power of Attorney is true, correct and in full force and effect.

Given under my hand and seals of said Companies at Warren, NJ this **25TH** day of **SEPTEMBER, 2013**




David J. Edwards, Assistant Secretary

**IN THE EVENT YOU WISH TO NOTIFY US OF A CLAIM, VERIFY THE AUTHENTICITY OF THIS BOND OR NOTIFY US OF ANY OTHER MATTER, PLEASE CONTACT US AT ADDRESS LISTED ABOVE, OR BY Telephone (908) 903- 3493 Fax (908) 903- 3656
e-mail: surety@chubb.com**

Certificate of Insurance

THIS CERTIFICATE IS ISSUED AS A MATTER OF INFORMATION ONLY AND CONFERS NO RIGHTS UPON YOU THE CERTIFICATE HOLDER. THIS CERTIFICATE IS NOT AN INSURANCE POLICY AND DOES NOT AMEND, EXTEND, OR ALTER THE COVERAGE AFFORDED BY THE POLICIES LISTED BELOW. POLICY LIMITS ARE NO LESS THAN THOSE LISTED, ALTHOUGH POLICIES MAY INCLUDE ADDITIONAL SUBLIMIT/LIMITS NOT LISTED BELOW.

This is to Certify that

APAC Missouri, Inc.
P.O. Box 1117
Columbia, MO 65205

NAME AND
ADDRESS
OF INSURED



Liberty Mutual.
INSURANCE

is, at the issue date of this certificate, insured by the Company under the policy(ies) listed below. The insurance afforded by the listed policy(ies) is subject to all their terms, exclusions and Conditions and is not altered by any requirement, term or condition of any contract or other document with respect to which this certificate may be issued.

TYPE OF POLICY	EXP DATE		POLICY NUMBER	LIMIT OF LIABILITY	
	<input type="checkbox"/> CONTINUOUS	<input type="checkbox"/> EXTENDED			
WORKERS COMPENSATION	9/1/2014		WA7-C8D-004095-023 WC7-C81-004095-013	COVERAGE AFFORDED UNDER WC LAW OF THE FOLLOWING STATES: ALL STATES EXCLUDING MONOPOLISTICS STATES AND NY	
				EMPLOYERS LIABILITY	
				Bodily Injury by Accident \$1,000,000 Each Accident	
				Bodily Injury By Disease \$1,000,000 Policy Limit	
				Bodily Injury By Disease \$1,000,000 Each Person	
COMMERCIAL GENERAL LIABILITY <input checked="" type="checkbox"/> OCCURRENCE <input type="checkbox"/> CLAIMS MADE	9/1/2014		TB2-C81-004095-113	General Aggregate \$2,000,000	
				Products / Completed Operations Aggregate \$2,000,000	
				Each Occurrence \$2,000,000	
				Personal & Advertising Injury \$2,000,000 Per Person / Organization	
				Other FIRE DAMAGE \$100,000	
				Other PER PROJECT AGGREGATE Medical Exp-\$5,000	
AUTOMOBILE LIABILITY <input checked="" type="checkbox"/> OWNED <input checked="" type="checkbox"/> NON-OWNED <input checked="" type="checkbox"/> HIRED	9/1/2014		AS2-C81-004095-123	\$2,000,000 Each Accident—Single Limit B.I. And P.D. Combined	
				Each Person	
				Each Accident or Occurrence	
				Each Accident or Occurrence	
OTHER EVIDENCE OF COVERAGE				Auto: Comp Ded \$10,000/Coll Ded \$10,000	

RETRO DATE

ADDITIONAL COMMENTS
602198 - Andrew Sapp Rd and Old mill Creek Rd. Bridge Repairs
County of Boone named as additional insured.

* If the certificate expiration date is continuous or extended term, you will be notified if coverage is terminated or reduced before the certificate expiration date.

NOTICE OF CANCELLATION: (NOT APPLICABLE UNLESS A NUMBER OF DAYS IS ENTERED BELOW.) BEFORE THE STATED EXPIRATION DATE THE COMPANY WILL NOT CANCEL OR REDUCE THE INSURANCE AFFORDED UNDER THE ABOVE POLICIES UNTIL AT LEAST 30 DAYS NOTICE OF SUCH CANCELLATION HAS BEEN MAILED TO:

Liberty Mutual Insurance Group

Certificate Holder

* Boone County, Missouri
613 E Ash, Rm 109
Columbia, MO 65201

Stanley S. Esposito, Jr

Stan Esposito

AUTHORIZED REPRESENTATIVE

Pittsburgh / 0387
12 Federal Street, Ste. 310
Pittsburgh PA 15212-5706 412-231-1331 10/10/13
OFFICE PHONE DATE

This certificate is executed by LIBERTY MUTUAL INSURANCE GROUP as respects such insurance as is afforded by those Companies NM 7

SECTION III

Acknowledgment of receipt of any and all Addenda, if applicable, shall be included with the bid documents at the time of the submittal to Boone County for consideration.

SECTION IV

The undersigned agrees and understands that the County has the right to reject any and all bids, to waive informalities or other requirements for its benefit, and to accept such proposal as it deems to its best interest.

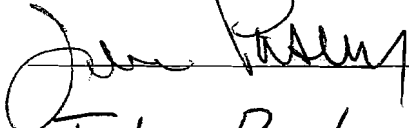
SECTION V

If this proposal is accepted, the undersigned hereby agrees that work will begin no later than the date specified in the Notice to Proceed and will be diligently prosecuted at such a rate and in such manner as is necessary for the completion of the work herein specified before the completion date.

The Contractor further agrees that, should he fail to complete work in the time specified or such additional time as may be allowed by the Owner under this Contract, the amount of liquidated damages to be recovered on this project shall be in accordance with Section II of the Bid Response.

Accompanying this proposal is a certified check, treasurer's check or cashier's check, or a bidder's bond payable to the Owner for five percent of AMOUNT OF BID. If this proposal is accepted and the undersigned fails to execute the Contract and furnish a contract bond as required, then the proposal guaranty shall be forfeited to the Owner.

Firm Name: APAC Missouri

By:  (Signature)

John Pasley
(Print or Type Name)

Title: V.P.

Address: 1591 E Prathersville Rd

City, State, Zip: Columbia MO 65202

Phone: 573-449-0886

Fax: 573-449-2980

Date: 9/12/13

BID RESPONSE

TO: COUNTY OF BOONE, MISSOURI

SUBJECT: _____

Project No.: _____

THE UNDERSIGNED BIDDER, having examined all specifications, and other proposed contract documents, and all addenda thereto; and being acquainted with and fully understanding (a) the extent and character of the work covered by this proposal; (b) the location, arrangement, and specified requirements of the proposed work; (c) local conditions relative to labor, transportation, hauling, and delivery facilities; and (d) all other factors and conditions affecting or which may be affected by the work.

HEREBY PROPOSES to furnish all required materials, supplies, equipment, tools, and plant; to perform all necessary labor and supervision; and to install, erect, equip, and complete all work stipulated in, required by, and in accordance with the proposed contract documents, specifications, and other documents referred to herein (as altered, amended, or modified by all addenda hereto) for and in consideration of the prices stated herein. All prices stated herein are firm and include Missouri Sales and Use Tax and all other taxes which might be lawfully assessed against or in connection with the work proposed herein.

SECTION I

THE UNDERSIGNED BIDDER UNDERSTANDS that the specifications, contract, and bond governing the construction of the work contemplated are those known and designated as the **Boone County Roadway Regulations Chapter II, MoDOT Standard Specifications, Rules of Missouri Department of Natural Resources, Division 20-Clean Water Commission (10CSR20)**, together with the "General Specifications", "Technical Specifications", and "Special Provisions", if any, attached to this proposal.

THE UNDERSIGNED BIDDER UNDERSTANDS that the quantities given in the following itemized proposal are not guaranteed by the Owner, but are used for the purpose of comparing bids and awarding the Contract, and may or may not represent the actual quantities encountered on the job; and that the sum of the products of the quantities listed in the following itemized proposal, multiplied by the unit price bid shall all constitute the gross sum bid.

THE UNDERSIGNED BIDDER submits the following itemized proposal and hereby authorizes the Engineer to correct any multiplication of "Unit Price" by "Quantity" as shown under "Extended Total". If there is a discrepancy between the "Unit Price" and the "Extended Total" the "Unit Price" shall govern.

SECTION II

I hereby agree to complete the work herein specified before the **Contract Time** specified in the Notice to Bidders and agree that the County will sustain substantial damages, the amount of which is impossible to determine at this time, if work is not completed by the completion date. Time is an essential feature of this Contract. I agree that if I fail to finally and fully complete the work within the time allowed I will be in breach of the Agreement which shall entitle the County to collect **liquidated damages** from the Bidder and/or the Bidder's Surety in the amount specified under liquidated damages in the Notice to Bidders for each day that completion is delayed beyond the specified completion date. I further authorize said damages to be reduced from any final payment on the Project.

BID FORM

ANDREW SAPP RD. AND OLD MILL CREEK RD. BRIDGE REPAIRS 36-12SEP13

Description		Unit	Qty.	Unit Price	Total
Andrew Sapp Road Bridge	Mobilization	LS	1	\$ 26,000. ⁰⁰	\$ 26,000. ⁰⁰
	Traffic Control	LS	1	\$ 2,800. ⁰⁰	\$ 2,800. ⁰⁰
	Hydro-Demolition, Full Surface w/ Vacuum System	SY	420	\$ 63. ⁰⁰	\$ 26,460. ⁰⁰
	Latex Modified Concrete Wearing Surface	CY	29.2	\$ 1,200. ⁰⁰	\$ 35,040. ⁰⁰
	Mechanically Stabilized Fill System	SY	57	\$ 323. ⁰⁰	\$ 18,411. ⁰⁰
	Pavement Patch	SY	55	\$ 79. ⁰⁰	\$ 4,345. ⁰⁰
	Type 2 Rock Blanket	TON	123	\$ 89. ⁰⁰	\$ 10,947. ⁰⁰
	Vertical Drain	LF	27	\$ 18. ⁰⁰	\$ 486. ⁰⁰
	4" Sch 40 PVC Drain Pipe	LF	50	\$ 13. ⁰⁰	\$ 650. ⁰⁰
	Pile Clean & Coat	EA	5	\$ 532. ⁰⁰	\$ 2,660. ⁰⁰
	Erosion Control	LS	1	\$ 500. ⁰⁰	\$ 500. ⁰⁰
Seeding and Restoration	LS	1	\$ 1,500. ⁰⁰	\$ 1,500. ⁰⁰	
Andrew Sapp Road Bridge Total					\$

Old Mill Creek Road Bridge	Mobilization	LS	1	\$ 20,000. ⁰⁰	\$ 20,000. ⁰⁰
	Traffic Control	LS	1	\$ 2,800. ⁰⁰	\$ 2,800. ⁰⁰
	Hydro-Demolition, Full Surface w/ Vacuum System	SY	106	\$ 99. ⁰⁰	\$ 10,494. ⁰⁰
	Latex Modified Concrete Wearing Surface	CY	7.4	\$ 1,875. ⁰⁰	\$ 13,875. ⁰⁰
	Mechanically Stabilized Fill System	SY	52	\$ 334. ⁰⁰	\$ 17,368. ⁰⁰
	Pavement Patch	SY	50	\$ 85. ⁰⁰	\$ 4,250. ⁰⁰
	Type 2 Rock Blanket	TON	113	\$ 95. ⁰⁰	\$ 10,735. ⁰⁰
	Vertical Drain	LF	23.5	\$ 21. ⁰⁰	\$ 493. ⁵⁰
	4" Sch 40 PVC Drain Pipe	LF	50	\$ 13. ⁰⁰	\$ 650. ⁰⁰
	Pile Clean & Coat	EA	5	\$ 531. ⁰⁰	\$ 2,655. ⁰⁰
	Erosion Control	LS	1	\$ 500. ⁰⁰	\$ 500. ⁰⁰
	Seeding and Restoration	LS	1	\$ 1,500. ⁰⁰	\$ 1,500. ⁰⁰
Old Mill Creek Road Bridge Total					\$ 85,320.⁵⁰

Combined Total	\$ 215,119.50
-----------------------	----------------------

All items shown on the project plan sheets and not included in the above bid items shall be deemed incidental to the project and included in the unit prices given. In case of error in the extension, the unit price times the estimated quantity will govern.

BIDDER has examined copies of all the Bidding Documents and of the following Addenda (receipt of all which is hereby acknowledged):

<u>DATE</u>	<u>ADDENDUM NUMBER</u>
9/10/13	1

COMPANY NAME: APAC-Missouri

ADDRESS: 1591 E Prathersville Rd

CITY, STATE, ZIP Columbia MO 65202

PHONE NUMBER: 573-449-0886

AUTHORIZED REPRESENTATIVE: John Pasley

TITLE: V.P.

SIGNATURE: John Pasley

List all Sub-Contractors planned to be utilized on this project.

J H Drew - Guardrail

Hydro tech - hydro demo

Schrimp^e Landscaping - seed and Erosion control

Keith Contracting - Traffic Control

(Please complete and return with Contract)

**Certification Regarding
Debarment, Suspension, Ineligibility and Voluntary Exclusion
Lower Tier Covered Transactions**

This certification is required by the regulations implementing Executive Order 12549, Debarment and Suspension, 29 CFR Part 98 Section 98.510, Participants' responsibilities. The regulations were published as Part VII of the May 26, 1988, Federal Register (pages 19160-19211).

(BEFORE COMPLETING CERTIFICATION, READ INSTRUCTIONS FOR CERTIFICATION)

- (1) The prospective recipient of Federal assistance funds certifies, by submission of this proposal, that neither it nor its principals are presently debarred, suspended, proposed for debarment, declared ineligible, or voluntarily excluded from participation in this transaction by any Federal department or agency.
- (2) Where the prospective recipient of Federal assistance funds is unable to certify to any of the statements in this certification, such prospective participant shall attach an explanation to this proposal.

JOHN PASLEY Vice President
Name and Title of Authorized Representative

John Pasley 9/12/13
Signature Date

COUNTY OF BOONE-MISSOURI
INSTRUCTIONS FOR COMPLIANCE WITH HOUSE BILL 1549

House Bill 1549 addresses the Department of Homeland Security's and the Social Security Administration's E-Verify Program (Employment Eligibility Verification Program) that requires the County to verify "lawful presence" of individuals when we contract for work/service; verify that contractor has programs to verify lawful presence of their employees when contracts exceed \$5,000; and a requirement for OSHA safety training for public works projects.

The County is required to obtain certification that the bidder awarded the attached contract participates in a federal work authorization program. To obtain additional information on the Department of Homeland Security's E-Verify program, go to:

<http://www.uscis.gov/portal/site/uscis/menuitem.eb1d4c2a3e5b9ac89243c6a7543f6d1a/?vgnnextoid=75bce2e261405110VgnVCM1000004718190aRCRD&vgnnextchannel=75bce2e261405110VgnVCM1000004718190aRCRD>

Please complete and return form *Work Authorization Certification Pursuant to 285.530 RSMo* if your contract amount is in excess of \$5,000. **Attach to this form the first and last page of the *E-Verify Memorandum of Understanding* that you completed when enrolling.**

An Affirmative Action/Equal Opportunity Institution

COUNTY OF BOONE-MISSOURI
WORK AUTHORIZATION CERTIFICATION
 PURSUANT TO 285.530 RSMo
 (FOR ALL AGREEMENTS IN EXCESS OF \$5,000.00)

County of Boone)
 State of Missouri)ss
)

My name is John Pasley

I am an authorized agent of APAC-Missouri (Bidder).

This business is enrolled and participates in a federal work authorization program for all employees working in connection with services provided to the County. This business does not knowingly employ any person that is an unauthorized alien in connection with the services being provided. **Documentation of participation in a federal work authorization program is attached to this affidavit.**

Furthermore, all subcontractors working on this contract shall affirmatively state in writing in their contracts that they are not in violation of Section 285.530.1, shall not thereafter be in violation and submit a sworn affidavit under penalty of perjury that all employees are lawfully present in the United States.

John Pasley 9/11/13
 Affiant Date
John Pasley
 Printed Name

Subscribed and sworn to before me this 11 day of September, 2013.

Shelly R Sanders
 Notary Public

SHELLY R. SANDERS Notary Public - Notary Seal State of Missouri County of Audrain My Commission Expires May 18, 2017 Commission #13791890
--

Attach to this form the first and last page of the E-Verify Memorandum of Understanding that you completed when enrolling.

An Affirmative Action/Equal Opportunity Institution

CERTIFICATION OF INDIVIDUAL BIDDER

Pursuant to Section 208.009 RSMo, any person applying for or receiving any grant, contract, loan, retirement, welfare, health benefit, post secondary education, scholarship, disability benefit, housing benefit or food assistance who is over 18 must verify their lawful presence in the United States. Please indicate compliance below. Note: A parent or guardian applying for a public benefit on behalf of a child who is citizen or permanent resident need not comply.

- _____ 1. I have provided a copy of documents showing citizenship or lawful presence in the United States. (Such proof may be a Missouri driver's license, U.S. passport, birth certificate, or immigration documents). Note: If the applicant is an alien, verification of lawful presence must occur prior to receiving a public benefit.

- _____ 2. I do not have the above documents, but provide an affidavit (copy attached) which may allow for temporary 90 day qualification.

- _____ 3. I have provided a completed application for a birth certificate pending in the State of _____ . Qualification shall terminate upon receipt of the birth certificate or determination that a birth certificate does not exist because I am not a United States citizen.

Applicant

Date

Printed Name



Company ID Number: 190916

**THE E-VERIFY PROGRAM FOR EMPLOYMENT VERIFICATION
MEMORANDUM OF UNDERSTANDING**

ARTICLE I

PURPOSE AND AUTHORITY

This Memorandum of Understanding (MOU) sets forth the points of agreement between the Department of Homeland Security (DHS) and **APAC-Missouri, Inc.** (Employer) regarding the Employer's participation in the Employment Eligibility Verification Program (E-Verify). This MOU explains certain features of the E-Verify program and enumerates specific responsibilities of DHS, the Social Security Administration (SSA), and the Employer. E-Verify is a program that electronically confirms an employee's eligibility to work in the United States after completion of the Employment Eligibility Verification Form (Form I-9). For covered government contractors, E-Verify is used to verify the employment eligibility of all newly hired employees and all existing employees assigned to Federal contracts.

Authority for the E-Verify program is found in Title IV, Subtitle A, of the Illegal Immigration Reform and Immigrant Responsibility Act of 1996 (IIRIRA), Pub. L. 104-208, 110 Stat. 3009, as amended (8 U.S.C. § 1324a note). Authority for use of the E-Verify program by Federal contractors and subcontractors covered by the terms of Subpart 22.18, "Employment Eligibility Verification", of the Federal Acquisition Regulation (FAR) (hereinafter referred to in this MOU as a "Federal contractor") to verify the employment eligibility of certain employees working on Federal contracts is also found in Subpart 22.18 and in Executive Order 12989, as amended.

ARTICLE II

FUNCTIONS TO BE PERFORMED

A. RESPONSIBILITIES OF SSA

1. SSA agrees to provide the Employer with available information that allows the Employer to confirm the accuracy of Social Security Numbers provided by all employees verified under this MOU and the employment authorization of U.S. citizens.
2. SSA agrees to provide to the Employer appropriate assistance with operational problems that may arise during the Employer's participation in the E-Verify program. SSA agrees to provide the Employer with names, titles, addresses, and telephone numbers of SSA representatives to be contacted during the E-Verify process.
3. SSA agrees to safeguard the information provided by the Employer through the E-Verify program procedures, and to limit access to such information, as is appropriate by law, to individuals responsible for the verification of Social Security Numbers and for evaluation of the E-Verify program or such other persons or entities who may be authorized by SSA as governed by the Privacy Act (5 U.S.C. § 552a), the Social Security Act (42 U.S.C. 1306(a)), and SSA regulations (20 CFR Part 401).



Company ID Number: 190916

To be accepted as a participant in E-Verify, you should only sign the Employer's Section of the signature page. If you have any questions, contact E-Verify at 888-464-4218.

Employer APAC-Missouri, Inc.

Shawn Riley

Name (Please Type or Print)

Title

Electronically Signed

Signature

02/17/2009

Date

Department of Homeland Security – Verification Division

USCIS Verification Division

Name (Please Type or Print)

Title

Electronically Signed

Signature

02/17/2009

Date

STATEMENT OF BIDDER'S QUALIFICATIONS

Each bidder for the work included in the specifications and plans and the Contract Documents shall submit with their bid the data requested in the following schedule of information. This data must be included in and made a part of each bid document and be contained in the sealed envelope. Failure to comply with this instruction may be regarded as justification for rejecting the Contractor's proposal.

1. Name of Bidder: APAC-Missouri
2. Business Address: 1591 E Prathersville Rd
Columbia MO 65202
3. When Organized: _____
4. When Incorporated: _____
5. If not incorporated, state type of business and provide your federal tax identification number:

6. Number of years engaged in contracting business under present firm name:
10 +
7. If you have done business under a different name, please give name and location:
Central Bridge same location
8. Percent of work done by own staff: 90%
9. Have you ever failed to complete any work awarded to your company? If so, where and why?: No
10. Have you ever defaulted on a contract? No
11. List of contracts completed within the last four years, including value of each: Many
contracts ranging from \$50K - \$10 million
12. List of projects currently in progress: Rt B cole Co Latex overlay,
Rt 50 Morgan Co latex overlay

* Attach additional sheets as necessary *

ANTI-COLLUSION STATEMENT

STATE OF MISSOURI

COUNTY OF Boone

John Pasley, being first duly sworn, deposes and

says that he is V.P
(Title of Person Signing)

of APAC-Missouri
(Name of Bidder)

that all statements made and facts set out in the proposal for the above project are true and correct; and the bidder (person, firm, association, or corporation making said bid) has not, either directly or indirectly, entered into any agreement, participated in any collusion, or otherwise taken any action in restraint of free competitive bidding in connection with said bid or any contract which may result from its acceptance.

Affiant further certifies that bidder is not financially interested in, or financially affiliated with, any other bidder for the above project

By John Pasley

By _____

By _____

Sworn to before me this 12 day of September, 20 13

Shelly R Sanders
Notary Public

My Commission Expires 5-18-17

SHELLY R. SANDERS
Notary Public - Notary Seal
State of Missouri
County of Audrain
My Commission Expires May 18, 2017
Commission #13791890

SIGNATURE AND IDENTITY OF BIDDER

The undersigned states that the correct LEGAL NAME and ADDRESS of (1) the individual Bidder, (2) each partner or joint venture (whether individuals or corporations, and whether doing business under fictitious name), or (3) the corporation (with the state in which it is incorporated) are shown below; that (if not signing with the intention of binding himself to become the responsible and sole Contractor) he is the agent of, and duly authorized in writing to sign for the Bidder or Bidders; and that he is signing and executing this (as indicated in the proper spaces below) as the proposal of a:

sole individual partnership joint venture
 corporation, incorporated under laws of the state of Delaware

Dated 9/12, 20 13
Name of individual, all partners, or joint
venturers:

Address of each:

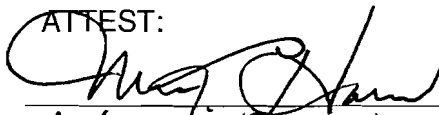
doing business under the name of:

Address of principal place of business in
Missouri:

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

APAC - Missouri
(If a corporation - show its name above)

Jan Pinsky

ATTEST:

Asst. Secretary (Secretary)

Vice President
(Title)

NOTE: If the Bidder is doing business under a FICTITIOUS NAME, the Proposal shall be executed in the legal name of the individual, partners, joint venturers, or corporation, with the legal address shown, and the REGISTRATION OF FICTITIOUS NAME filed with the Secretary of State, as required by Section 417.200 to 417.230, RS Mo. shall be attached. 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 351.570 and following, RS Mo. A CERTIFIED COPY of such Registration of Fictitious Name or Certificate of Authority to do Business in Missouri shall be filed with the Engineer.

BIDDER'S ACKNOWLEDGMENT

(Complete and fill out all parts applicable, and strike out all parts not applicable.)

State of Missouri

County of Boone

On this 11 day of September, 20 13

before me appeared John Pasley to me personally known, who, being by me first duly sworn, did say that he executed the foregoing Proposal with full knowledge and understanding of all its terms and provisions and of the plans and specifications; that the correct legal name and address of the Bidder (including those of all partners of joint ventures if fully and correctly set out above; that all statements made therein by or for the Bidder are true; and (if a sole individual) acknowledged that he executed the same as his free act and deed.

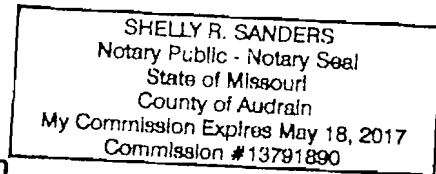
(if a partnership or joint venture) acknowledged that his executed same, with written authority from, and as the free act and deed of, all said partners or joint ventures.

(if a corporation) that he is the V.P.
President or other agent

of APAC-Missouri; that the above Proposal was signed and sealed in behalf of said corporation by authority of its board of directors; and he acknowledged said proposal to be the free act and deed of said corporation.

Witness my hand and seal at Columbia, Missouri the day and year first above written.

(SEAL) Shelly R. Sanders Notary Public



My Commission expires 5-18, 2017.

THE AMERICAN INSTITUTE OF ARCHITECTS



AIA Document A310

Bid Bond

KNOW ALL MEN BY THESE PRESENTS, that we APAC-MISSOURI, INC.

as Principal, hereinafter called the Principal, and FEDERAL INSURANCE COMPANY

a corporation duly organized under the laws of the State of INDIANA
as Surety, hereinafter called the Surety, are held and firmly bound unto
BOONE COUNTY, MISSOURI
801 E WALNUT, ROOM 315
COLUMBIA, MO 65201

as Obligee, hereinafter called the Obligee, in the sum of FIVE PERCENT OF AMOUNT BID

Dollars (5%),

for the payment of which sum well and truly to be made, the said Principal and the said Surety, bind ourselves, our heirs, executors, administrators, successors and assigns, jointly and severally, firmly by these presents.

WHEREAS, the Principal has submitted a bid for ANDREW SAPP ROAD AND OLD MILL CREEK ROAD BRIDGE REPAIRS

NOW, THEREFORE, if the Obligee shall accept the bid of the Principal and the Principal shall enter into a Contract with the Obligee in accordance with the terms of such bid, and give such bond or bonds as may be specified in the bidding or Contract Documents with good and sufficient surety for the faithful performance of such Contract and for the prompt payment of labor and material furnished in the prosecution thereof, or in the event of the failure of the Principal to enter such Contract and give such bond or bonds, if the Principal shall pay to the Obligee the difference not to exceed the penalty hereof between the amount specified in said bid and such larger amount for which the Obligee may in good faith contract with another party to perform the Work covered by said bid, then this obligation shall be null and void, otherwise to remain in full force and effect.

Signed and sealed this 12 day of SEPTEMBER, 2013.

Shelley L Sande
(Witness)

Shelley L Sande
(Witness)

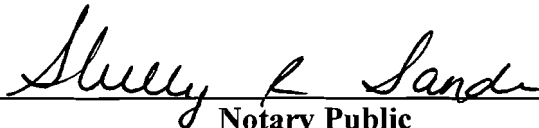
APAC-MISSOURI, INC.
(Principal) (Seal)
Cathy M Spotts, Asst. Sec.
Cathy M Spotts (Title)

FEDERAL INSURANCE COMPANY
(Surety) (Seal)
John A Pasley V.P.
John A Pasley (Title) Attorney-In-Fact

SURETY ACKNOWLEDGMENT

STATE OF MISSOURI }
COUNTY OF BOONE } **SS**

On this 12 day of SEPTEMBER, 2013, before me personally came JOHN A PASLEY to me known, who, being by me duly sworn, did depose and say that he is an Attorney-In-Fact of FEDERAL INSURANCE COMPANY the corporation described in and which executed the within instrument; that he knows the corporate seal of said corporation, that the seal affixed to the within instrument is such corporate seal, and that he signed the said instrument and affixed the said seal as Attorney-In-Fact of the Board of Directors of said corporation and by authority of this office under the Standing Resolutions thereof.



Notary Public

SHELLY R. SANDERS
Notary Public - Notary Seal
State of Missouri
County of Audrain
My Commission Expires May 18, 2017
Commission #13791690



**Chubb
Surety**

**POWER
OF
ATTORNEY**

**Federal Insurance Company
Vigilant Insurance Company
Pacific Indemnity Company**

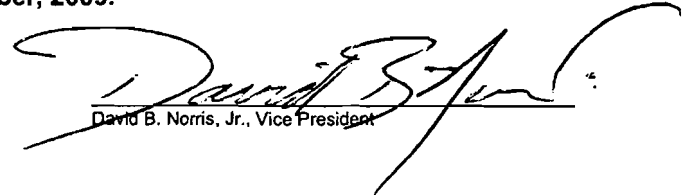
**Attn: Surety Department
15 Mountain View Road
Warren, NJ 07059**

Know All by These Presents, That FEDERAL INSURANCE COMPANY, an Indiana corporation, VIGILANT INSURANCE COMPANY, a New York corporation, and PACIFIC INDEMNITY COMPANY, a Wisconsin corporation, do each hereby constitute and appoint **David B. Anderson, Michael J. Eshleman, Chad A. Girard, David J. Guillaume, Conrad E. Hake, John A. Pasley, Bryan J. Pope and Shawn A. Riley of Columbia, Missouri**

each as their true and lawful Attorney-in-Fact to execute under such designation in their names and to affix their corporate seals to and deliver for and on their behalf as surety thereon or otherwise, bid bonds and bid undertakings not to exceed \$1,000,000.00 (One million United States Dollars) given or executed in the course of business (but not to include any instruments amending or altering the same, nor consents to the modification or alteration of any instrument referred to in said bonds or obligations on behalf of **APAC - Missouri, Inc.** as principal in connection with bids, proposals or contracts to or with the United States of America, any State or political subdivision thereof or any person, firm or corporation. And the execution of such bid bonds or bid obligations by such Attorney-in-Fact in the Company's name and on its behalf as surety thereon or otherwise, under its corporate seal, in pursuance of the authority hereby conferred shall, upon delivery thereof, be valid and binding upon the Company.

In Witness Whereof, said FEDERAL INSURANCE COMPANY, VIGILANT INSURANCE COMPANY, and PACIFIC INDEMNITY COMPANY have each executed and attested these presents and affixed their corporate seals on this **14th** day of **September, 2009**.


Kenneth C. Wendel, Assistant Secretary


David B. Norris, Jr., Vice President

STATE OF NEW JERSEY

ss.

County of Somerset

On this **14th** day of **September, 2009** before me, a Notary Public of New Jersey, personally came Kenneth C. Wendel, to me known to be Assistant Secretary of FEDERAL INSURANCE COMPANY, VIGILANT INSURANCE COMPANY, and PACIFIC INDEMNITY COMPANY, the companies which executed the foregoing Power of Attorney, and the said Kenneth C. Wendel, being by me duly sworn, did depose and say that he is Assistant Secretary of FEDERAL INSURANCE COMPANY, VIGILANT INSURANCE COMPANY, and PACIFIC INDEMNITY COMPANY and knows the corporate seals thereof, that the seals affixed to the foregoing Power of Attorney are such corporate seals and were thereto affixed by authority of the By-Laws of said Companies; and that he signed said Power of Attorney as Assistant Secretary of said Companies by like authority; and that he is acquainted with David B. Norris, Jr., and knows him to be Vice President of said Companies; and that the signature of David B. Norris, Jr., subscribed to said Power of Attorney is in the genuine handwriting of David B. Norris, Jr., and was thereto subscribed by authority of said By-Laws and in deponent's presence.



STEPHEN B. BRADT
Notary Public, State of New Jersey
No. 2321087
Commission Expires Oct. 25, 2014


Notary Public

CERTIFICATION

Extract from the By-Laws of FEDERAL INSURANCE COMPANY, VIGILANT INSURANCE COMPANY, and PACIFIC INDEMNITY COMPANY:

"All powers of attorney for and on behalf of the Company may and shall be executed in the name and on behalf of the Company, either by the Chairman or the President or a Vice President or an Assistant Vice President, jointly with the Secretary or an Assistant Secretary, under their respective designations. The signature of such officers may be engraved, printed or lithographed. The signature of each of the following officers: Chairman, President, any Vice President, any Assistant Vice President, any Secretary, any Assistant Secretary and the seal of the Company may be affixed by facsimile to any power of attorney or to any certificate relating thereto appointing Assistant Secretaries or Attorneys-in-Fact for purposes only of executing and attesting bonds and undertakings and other writings obligatory in the nature thereof, and any such power of attorney or certificate bearing such facsimile signature or facsimile seal shall be valid and binding upon the Company and any such power so executed and certified by such facsimile signature and facsimile seal shall be valid and binding upon the Company with respect to any bond or undertaking to which it is attached."

I, Kenneth C. Wendel, Assistant Secretary of FEDERAL INSURANCE COMPANY, VIGILANT INSURANCE COMPANY, and PACIFIC INDEMNITY COMPANY (the "Companies") do hereby certify that

- (i) the foregoing extract of the By-Laws of the Companies is true and correct,
- (ii) the Companies are duly licensed and authorized to transact surety business in all 50 of the United States of America and the District of Columbia and are authorized by the U.S. Treasury Department; further, Federal and Vigilant are licensed in Puerto Rico and the U.S. Virgin Islands, and Federal is licensed in American Samoa, Guam, and each of the Provinces of Canada except Prince Edward Island; and
- (iii) the foregoing Power of Attorney is true, correct and in full force and effect.

Given under my hand and seals of said Companies at Warren, NJ this **12** day of **September, 2013**




Kenneth C. Wendel, Assistant Secretary

IN THE EVENT YOU WISH TO NOTIFY US OF A CLAIM, VERIFY THE AUTHENTICITY OF THIS BOND OR NOTIFY US OF ANY OTHER MATTER, PLEASE CONTACT US AT ADDRESS LISTED ABOVE, OR BY Telephone (908) 903-3493 Fax (908) 903-3656 e-mail: surety@chubb.com



BOONE COUNTY, MISSOURI
Request for Bid #: 36-12SEP13
Andrew Sapp Rd. & Old Mill Creek Rd. Bridge Repairs

ADDENDUM #1 - Issued September 10, 2013

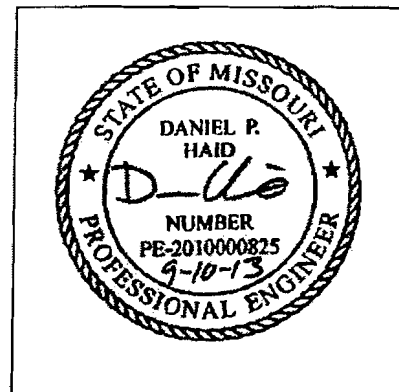
This addendum is issued in accordance with the Request for Bid Project Plans and/or Details and is hereby incorporated into and made a part of the Request for Bid Documents. Offerors are reminded that receipt of this addendum **SHOULD** be acknowledged and submitted with Offeror's *Response Form*.

Specifications and Plans for the above noted Request for Bid and the work covered thereby are herein modified as follows, and except as set forth herein, otherwise remain unchanged and in full force and effect:

1. Excavated materials may be wasted on site. This material shall be spread evenly around site (not piled), covered with minimum of 4" of top soil, seeded, and mulched. No additional payment will be made for stabilization of relocated excavated material
2. At the Contractor's discretion, the Mechanically Stabilized Fill (MSF) system may be stair stepped at approximately a 1:1 slope on the end opposite the bridge abutment. This means that the bottom course of a 7.5' deep MSF may be shorted by 7.5' from that which would have been required with a vertical excavation. Each subsequent course shall be evenly lengthened to reach the planned length for the top course.

By: 
Amy Robbins, Buyer
Boone County Purchasing

Approved:

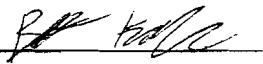


OFFEROR has examined copy of Addendum #1 to Request for Bid # 36-12SEP13, Andrew Sapp Rd. & Old Mill Creek Rd. Bridge Repairs, receipt of which is hereby acknowledged:

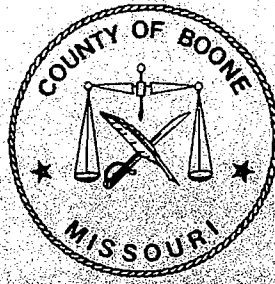
Company Name: APAC-Missouri

Address: 1591 Prathersville Rd
Columbia, MO

Phone Number: 573-449-0886 Fax Number: 573-442-1692

Authorized Representative Signature:  Date: 9/11/13

Authorized Representative Printed Name: Brett Kreikemeier



9400B1S1010

ANDREW SAPP RD. AND OLD MILL CREEK RD. BRIDGE REPAIRS

Project Number: N/A

Bid Number: 36-12SEP13

CONSTRUCTION BID REQUEST

Contract Documents
General Specifications
Technical Specifications, and
Special Provisions

BOONE COUNTY COMMISSION

Daniel K. Atwill, Presiding Commissioner
Karen M. Miller, District I Commissioner
Janet Thompson, District II Commissioner

BOONE COUNTY RESOURCE MANAGEMENT

Stan Shawver, Director
Darin Campbell, P.E., Chief Engineer

PROJECT MANAGER

Daniel Haid, P.E.
Boone County Resource Management
801 E. Walnut, Room 315
Columbia, Missouri 65201
Phone: (573) 886-4480
Fax: (573) 886-4340
E-mail: dhaid@boonecountymo.org

BOONE COUNTY PURCHASING

Amy Robbins, Senior Buyer
613 East Ash Street, Room 109
Columbia, MO 65201
Phone: (573) 886-4392
Fax: (573) 886-4390
E-mail: arobbins@boonecountymo.org

ENGINEER OF RECORD



Daniel P. Haid, P.E.
Professional Engineer
MO Lic. # PE-2010000825

Boone County Resource Management
MO Engineering Corp. # N/A
801 E. Walnut, Room 315
Columbia, MO 65201
Phone: (573) 886-4480
Fax: (573) 886-4340

TECHNICAL QUESTIONS SHOULD BE DIRECTED TO THE PROJECT MANAGER

BID FORM

ANDREW SAPP RD. AND OLD MILL CREEK RD. BRIDGE REPAIRS 36-12SEP13

	Description	Unit	Qty.	Unit Price	Total
Andrew Sapp Road Bridge	Mobilization	LS	1	\$	\$
	Traffic Control	LS	1	\$	\$
	Hydro-Demolition, Full Surface w/ Vacuum System	SY	420	\$	\$
	Latex Modified Concrete Wearing Surface	CY	29.2	\$	\$
	Mechanically Stabilized Fill System	SY	57	\$	\$
	Pavement Patch	SY	55	\$	\$
	Type 2 Rock Blanket	TON	123	\$	\$
	Vertical Drain	LF	27	\$	\$
	4" Sch 40 PVC Drain Pipe	LF	50	\$	\$
	Pile Clean & Coat	EA	5	\$	\$
	Erosion Control	LS	1	\$	\$
	Seeding and Restoration	LS	1	\$	\$
Andrew Sapp Road Bridge Total					\$

Old Mill Creek Road Bridge	Mobilization	LS	1	\$	\$
	Traffic Control	LS	1	\$	\$
	Hydro-Demolition, Full Surface w/ Vacuum System	SY	106	\$	\$
	Latex Modified Concrete Wearing Surface	CY	7.4	\$	\$
	Mechanically Stabilized Fill System	SY	52	\$	\$
	Pavement Patch	SY	50	\$	\$
	Type 2 Rock Blanket	TON	113	\$	\$
	Vertical Drain	LF	23.5	\$	\$
	4" Sch 40 PVC Drain Pipe	LF	50	\$	\$
	Pile Clean & Coat	EA	5	\$	\$
	Erosion Control	LS	1	\$	\$
	Seeding and Restoration	LS	1	\$	\$
Old Mill Creek Road Bridge Total					\$

Combined Total	\$
-----------------------	-----------

All items shown on the project plan sheets and not included in the above bid items shall be deemed incidental to the project and included in the unit prices given. In case of error in the extension, the unit price times the estimated quantity will govern.

BIDDER has examined copies of all the Bidding Documents and of the following Addenda (receipt of all which is hereby acknowledged):

DATE

ADDENDUM NUMBER

COMPANY NAME: _____

ADDRESS: _____

CITY, STATE, ZIP _____

PHONE NUMBER: _____

AUTHORIZED REPRESENTATIVE: _____

TITLE: _____

SIGNATURE: _____

List all Sub-Contractors planned to be utilized on this project.

INSTRUCTIONS TO BIDDERS

The purpose of the attached specifications is to give detailed information on the conditions under which the Project will be constructed, Scope of Contract, quality of material and equipment required, standards used in determining its acceptability, and similar data. Each Bidder shall carefully check all requirements herein set forth and shall offer material and construction which fully complies with these requirements.

All bids shall be submitted on the bid forms hereto attached. Copies of necessary Addenda, if any, shall be signed and attached to the proposal submitted and considered a part of the contract. Bidders shall furnish all information requested herein by filling in the blanks in the submitted copy of these specifications.

Bidders shall visit the site of the work and become familiar with the condition under which the work is to be performed, concerning the site of the work, the nature of the equipment, the obstacles which may be encountered, the work to be performed, and if awarded the Contract, shall not be allowed any extra compensation by reason of any matter or thing concerning which such Bidder might have fully informed himself, because of their failure to have so informed themselves prior to the bidding. The successful Contractor must employ, so far as possible, such methods and means in the carrying out their work as will not cause any interruption or interference with any other contractors.

Bidders shall not include sales or use taxes in their bid for materials incorporated or used in the work or for rentals subject to sales tax.

The Contractor assumes responsibility for all loss or damage caused by fire, windstorm, cyclone, tornado, flood, or freezing to the materials and equipment with which the work of the contract is to be done. The Contractor has the privilege of insuring in full or in part against such loss or damage, responsibility for which is here assumed. The County will not carry insurance against such loss or damage until the acceptance of Project.

Bidders shall visit the site of the work and completely inform themselves relative to construction hazards and procedure, the availability of lands, the character and quantity of surface and subsurface materials, and utilities to be encountered, the arrangement and condition of existing structures and facilities, the procedure necessary for maintenance of uninterrupted operation of existing facilities, the character of construction equipment and facilities needed for performance of the work, and facilities for transportation, handling, and storage of materials and equipment. All such factors shall be properly investigated and considered in the preparation of the bid.

Bids of an incomplete nature, or subject to multiple interpretation may at the option of the County, be rejected as irregular.

Bids will be evaluated by the County based on, but not limited to, the following criteria: cost, bidder's qualifications and experience, and time required for completion.

Upon award of the Contract, the successful Contractor shall furnish a Performance Bond and a Labor and Material Payment Bond, each in an amount equal to the full Contract price, guaranteeing faithful compliance with all requirements of the Contract Documents and complete fulfillment of the Contract, and payment of all labor, material, and other bills made in carrying out this Contract.

When Owner gives a Notice of Award to the Successful Bidder, it will be accompanied by the required number of unsigned counterparts of the Agreement with all other written Contract Documents attached. Within fifteen days thereafter Contractor shall sign and deliver the required number of counterparts of the Agreement and attached documents to Owner with the required Bonds.

Owner will deliver to Contractor a Notice to Proceed on or about the date specified in the Notice to Bidders. Contract Time shall commence upon delivery of Notice to Proceed. **Contract Time shall not exceed the time or fixed completion date specified in the Notice to Bidders for the work to be done on the Project.**

If any person submitting a bid for this Contract is in doubt as to the true meaning of any part of the plans, specifications, or any other proposed Contract documents, they may submit to the County a written request for an interpretation thereof by the bid questions deadline specified in the Notice to Bidders. The person submitting the request will be responsible for its prompt delivery. Any interpretation of the proposed documents will be made only by addendum duly issued or delivered to each person receiving a set of such documents. The County will not be responsible for any other explanation or interpretation of the proposed documents.

Each set of bids should be plainly headed with the name of the Bidder and post office address. In case the bid is made by a firm or corporation, the same shall be signed by a legally authorized agent of the firm or corporation. The envelope containing the bids should be sealed and plainly marked as a bid for this particular Contract.

The Contractor should be sure to complete the following forms and attach the bid security. Omissions or irregularities may cause bid rejection.

1. Bidding Forms,
2. Bid Response,
3. Debarment Form,
4. Work Authorization Certification,
5. Statement of Bidder's Qualifications,
6. Anti-Collusion Statement,
7. Signature and Identity of Bidder,
8. Bidder's Acknowledgment.

BID RESPONSE

TO: COUNTY OF BOONE, MISSOURI

SUBJECT: _____

Project No.: _____

THE UNDERSIGNED BIDDER, having examined all specifications, and other proposed contract documents, and all addenda thereto; and being acquainted with and fully understanding (a) the extent and character of the work covered by this proposal; (b) the location, arrangement, and specified requirements of the proposed work; (c) local conditions relative to labor, transportation, hauling, and delivery facilities; and (d) all other factors and conditions affecting or which may be affected by the work.

HEREBY PROPOSES to furnish all required materials, supplies, equipment, tools, and plant; to perform all necessary labor and supervision; and to install, erect, equip, and complete all work stipulated in, required by, and in accordance with the proposed contract documents, specifications, and other documents referred to herein (as altered, amended, or modified by all addenda hereto) for and in consideration of the prices stated herein. All prices stated herein are firm and include Missouri Sales and Use Tax and all other taxes which might be lawfully assessed against or in connection with the work proposed herein.

SECTION I

THE UNDERSIGNED BIDDER UNDERSTANDS that the specifications, contract, and bond governing the construction of the work contemplated are those known and designated as the **Boone County Roadway Regulations Chapter II, MoDOT Standard Specifications, Rules of Missouri Department of Natural Resources, Division 20-Clean Water Commission (10CSR20)**, together with the "General Specifications", "Technical Specifications", and "Special Provisions", if any, attached to this proposal.

THE UNDERSIGNED BIDDER UNDERSTANDS that the quantities given in the following itemized proposal are not guaranteed by the Owner, but are used for the purpose of comparing bids and awarding the Contract, and may or may not represent the actual quantities encountered on the job; and that the sum of the products of the quantities listed in the following itemized proposal, multiplied by the unit price bid shall all constitute the gross sum bid.

THE UNDERSIGNED BIDDER submits the following itemized proposal and hereby authorizes the Engineer to correct any multiplication of "Unit Price" by "Quantity" as shown under "Extended Total". If there is a discrepancy between the "Unit Price" and the "Extended Total" the "Unit Price" shall govern.

SECTION II

I hereby agree to complete the work herein specified before the **Contract Time** specified in the Notice to Bidders and agree that the County will sustain substantial damages, the amount of which is impossible to determine at this time, if work is not completed by the completion date. Time is an essential feature of this Contract. I agree that if I fail to finally and fully complete the work within the time allowed I will be in breach of the Agreement which shall entitle the County to collect **liquidated damages** from the Bidder and/or the Bidder's Surety in the amount specified under liquidated damages in the Notice to Bidders for each day that completion is delayed beyond the specified completion date. I further authorize said damages to be reduced from any final payment on the Project.

SECTION III

Acknowledgment of receipt of any and all Addenda, if applicable, shall be included with the bid documents at the time of the submittal to Boone County for consideration.

SECTION IV

The undersigned agrees and understands that the County has the right to reject any and all bids, to waive informalities or other requirements for its benefit, and to accept such proposal as it deems to its best interest.

SECTION V

If this proposal is accepted, the undersigned hereby agrees that work will begin no later than the date specified in the Notice to Proceed and will be diligently prosecuted at such a rate and in such manner as is necessary for the completion of the work herein specified before the completion date.

The Contractor further agrees that, should he fail to complete work in the time specified or such additional time as may be allowed by the Owner under this Contract, the amount of liquidated damages to be recovered on this project shall be in accordance with Section II of the Bid Response.

Accompanying this proposal is a certified check, treasurer's check or cashier's check, or a bidder's bond payable to the Owner for five percent of AMOUNT OF BID. If this proposal is accepted and the undersigned fails to execute the Contract and furnish a contract bond as required, then the proposal guaranty shall be forfeited to the Owner.

Firm Name: _____

By: _____
(Signature)

(Print or Type Name)

Title: _____

Address: _____

City, State, Zip: _____

Phone: _____

Fax: _____

Date: _____

(Please complete and return with Contract)

**Certification Regarding
Debarment, Suspension, Ineligibility and Voluntary Exclusion
Lower Tier Covered Transactions**

This certification is required by the regulations implementing Executive Order 12549, Debarment and Suspension, 29 CFR Part 98 Section 98.510, Participants' responsibilities. The regulations were published as Part VII of the May 26, 1988, Federal Register (pages 19160-19211).

(BEFORE COMPLETING CERTIFICATION, READ INSTRUCTIONS FOR CERTIFICATION)

- (1) The prospective recipient of Federal assistance funds certifies, by submission of this proposal, that neither it nor its principals are presently debarred, suspended, proposed for debarment, declared ineligible, or voluntarily excluded from participation in this transaction by any Federal department or agency.
- (2) Where the prospective recipient of Federal assistance funds is unable to certify to any of the statements in this certification, such prospective participant shall attach an explanation to this proposal.

Name and Title of Authorized Representative

Signature

Date

CERTIFICATION OF INDIVIDUAL BIDDER

Pursuant to Section 208.009 RSMo, any person applying for or receiving any grant, contract, loan, retirement, welfare, health benefit, post secondary education, scholarship, disability benefit, housing benefit or food assistance who is over 18 must verify their lawful presence in the United States. Please indicate compliance below. Note: A parent or guardian applying for a public benefit on behalf of a child who is citizen or permanent resident need not comply.

- _____ 1. I have provided a copy of documents showing citizenship or lawful presence in the United States. (Such proof may be a Missouri driver's license, U.S. passport, birth certificate, or immigration documents). Note: If the applicant is an alien, verification of lawful presence must occur prior to receiving a public benefit.

- _____ 2. I do not have the above documents, but provide an affidavit (copy attached) which may allow for temporary 90 day qualification.

- _____ 3. I have provided a completed application for a birth certificate pending in the State of _____. Qualification shall terminate upon receipt of the birth certificate or determination that a birth certificate does not exist because I am not a United States citizen.

Applicant

Date

Printed Name

AFFIDAVIT
(Only Required for Individual Bidder Certification Option #2)

State of Missouri)
)SS.
County of _____)

I, the undersigned, being at least eighteen years of age, swear upon my oath that I am either a United States citizen or am classified by the United States government as being lawfully admitted for permanent residence.

_____)
Date

_____)
Signature

_____)
Social Security Number
or Other Federal I.D. Number

_____)
Printed Name

On the date above written _____ appeared before me and swore that the facts contained in the foregoing affidavit are true according to his/her best knowledge, information and belief.

_____)
Notary Public

My Commission Expires:

STATEMENT OF BIDDER'S QUALIFICATIONS

Each bidder for the work included in the specifications and plans and the Contract Documents shall submit with their bid the data requested in the following schedule of information. This data must be included in and made a part of each bid document and be contained in the sealed envelope. Failure to comply with this instruction may be regarded as justification for rejecting the Contractor's proposal.

1. Name of Bidder: _____
2. Business Address: _____

3. When Organized: _____
4. When Incorporated: _____
5. If not incorporated, state type of business and provide your federal tax identification number:

6. Number of years engaged in contracting business under present firm name:

7. If you have done business under a different name, please give name and location:

8. Percent of work done by own staff: _____
9. Have you ever failed to complete any work awarded to your company? If so, where and why?: _____
10. Have you ever defaulted on a contract? _____
11. List of contracts completed within the last four years, including value of each: _____

12. List of projects currently in progress: _____

* Attach additional sheets as necessary *

ANTI-COLLUSION STATEMENT

STATE OF MISSOURI

COUNTY OF _____

_____, being first duly sworn, deposes and

says that he is _____
(Title of Person Signing)

of _____
(Name of Bidder)

that all statements made and facts set out in the proposal for the above project are true and correct; and the bidder (person, firm, association, or corporation making said bid) has not, either directly or indirectly, entered into any agreement, participated in any collusion, or otherwise taken any action in restraint of free competitive bidding in connection with said bid or any contract which may result from its acceptance.

Affiant further certifies that bidder is not financially interested in, or financially affiliated with, any other bidder for the above project

By _____

By _____

By _____

Sworn to before me this _____ day of _____, 20 _____

Notary Public

My Commission Expires _____

SIGNATURE AND IDENTITY OF BIDDER

The undersigned states that the correct LEGAL NAME and ADDRESS of (1) the individual Bidder, (2) each partner or joint venture (whether individuals or corporations, and whether doing business under fictitious name), or (3) the corporation (with the state in which it is incorporated) are shown below; that (if not signing with the intention of binding himself to become the responsible and sole Contractor) he is the agent of, and duly authorized in writing to sign for the Bidder or Bidders; and that he is signing and executing this (as indicated in the proper spaces below) as the proposal of a:

- () sole individual () partnership () joint venture
 () corporation, incorporated under laws of the state of _____

Dated _____, 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:

 (Secretary)

 (Title)

NOTE: If the Bidder is doing business under a FICTITIOUS NAME, the Proposal shall be executed in the legal name of the individual, partners, joint venturers, or corporation, with the legal address shown, and the REGISTRATION OF FICTITIOUS NAME filed with the Secretary of State, as required by Section 417.200 to 417.230, RS Mo. shall be attached. 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 351.570 and following, RS Mo. A CERTIFIED COPY of such Registration of Fictitious Name or Certificate of Authority to do Business in Missouri shall be filed with the Engineer.

BIDDER'S ACKNOWLEDGMENT

(Complete and fill out all parts applicable, and strike out all parts not applicable.)

State of _____

County of _____

On this _____ day of _____, 20 _____

before me appeared _____ to me personally known, who, being by me first duly sworn, did say that he executed the foregoing Proposal with full knowledge and understanding of all its terms and provisions and of the plans and specifications; that the correct legal name and address of the Bidder (including those of all partners of joint ventures if fully and correctly set out above; that all statements made therein by or for the Bidder are true; and

(if a sole individual) acknowledged that he executed the same as his free act and deed.

(if a partnership or joint venture) acknowledged that his executed same, with written authority from, and as the free act and deed of, all said partners or joint ventures.

(if a corporation) that he is the _____
President or other agent

of _____; that the above Proposal was signed and sealed in behalf of said corporation by authority of its board of directors; and he acknowledged said proposal to be the free act and deed of said corporation.

Witness my hand and seal at _____, _____ the day and year first above written.

(SEAL) _____ Notary Public

My Commission expires _____, 20 _____.

CONTRACT CONDITIONS

GENERAL: The following provisions are agreed to by and between the Contractor and the County:

DEFINITIONS: "Party of the First Part" or "County" or "Owner" shall mean the County of Boone, Missouri, acting through its authorized County Officials, or appointed representatives.

"Contractor" or "Party of the Second Part" shall mean the party having entered into contract to perform the work herein specified.

"Department" shall mean the Boone County Resource Management Department.

"Director" shall mean the Director of Boone County Resource Management or his/her designated representative.

"Engineer" shall mean the Director or the authorized representative of the Department for whom the work is to be performed.

"Work" of the Contractor includes labor or material, or both.

"As directed", "as required", "as permitted", "acceptable to" and words of like import shall mean that the direction, requirement or permission of the Engineer is intended.

"Or equal" is not intended to impose limitations preventing the free exercise of the Contractor's skill or to exclude products which are satisfactory. Materials and workmanship shall be of the best of their respective kinds. Trade or manufacture's names where used in these specifications are intended to fix the standards of workmanship and materials. Any article or material equaling the standards fixed may be used in place of that mentioned by the specifications provided that the material or article proposed is submitted to and approved by the Engineer. No substitution shall be made unless this definite approval has been obtained in advance.

PAYMENTS: The successful Contractor will be allowed payment in accordance with the following schedule:

No later than 30 days after receipt of invoice from the Contractor, the County will make partial payment to the Contractor on the basis of a duly certified approved estimate of the cost of materials delivered to the site and work performed at the site during the preceding calendar month by the Contractor, but the County will retain 10 percent of the amount of each such estimate. No later than 45 days after final tests and acceptance final payment shall be due.

The Contractor shall, by affidavit, submit to the Engineer a sworn certification to the County that all bills and claims properly due and chargeable against the work have been satisfied and that the laws relating to the payment of prevailing wage rates have been complied with and shall release the County of Boone from all further claims, which certificate must bear the written endorsement of the Surety on the bond. The acceptance by the Contractor of the final payment shall constitute a release and waiver of any and all rights and privileges under the terms of the Contract; further, the acceptance by the Contractor of final payment shall relieve the County from any and all claims or liabilities on part of the County relating to or connected with the Contract.

The cost of all licenses and permits and other expenses and costs incidental to the fulfillment of this Contract will be paid by the Contractor, and the total amount of such costs will be included in the total cost of the work.

Assignments: No money due at the time or which may become due, and no claim of any character because of any performance or breach of the Contract shall be assigned or transferred to any other person so as to bind or affect the County without the written consent of the Surety and the County.

The Contractor shall pay for all materials, supplies, services, and equipment as follows:

1. For all transportation and utility service not later than the 20th day of the calendar month following that in which the services are rendered, and
2. For all materials, tools, and other expendable equipment to the extent of 90 percent of the cost thereof, not later than the 20th day of the calendar month following that in which such materials, tools, and equipment are delivered at the site of the project, and the balance of the cost thereof not later than the 30th day following the completion of that part of the work in or on which such materials, tools, and equipment are incorporated or used.

EXTRA AND/OR ADDITIONAL WORK AND CHANGES: If any extra and/or additional work is to be done or any change in the plans and specifications is deemed necessary, the County may issue to the Contractor a written change order directing that such extra and/or additional work be done or that such change be made, and the Contract shall be modified accordingly. Compensation to the Contractor will be calculated as an addition to or deduction from the Contract price, based upon such written terms as may be established by the owner, either (a) by an acceptable lump sum proposal of the Contractor, (b) on a cost-plus limited basis not to exceed a specified limit, or (c) on basis of bid or mutually agreed upon unit prices. In the event that none of the foregoing methods are agreed upon with the Contractor, the County may perform the work with its own forces or under separate contract with another contractor.

COUNTY'S RIGHT TO WITHHOLD CERTAIN AMOUNTS AND MAKE APPLICATION THEREOF: The County shall have the right to withhold from payments due to the Contractor, in addition to the retained percentages herein elsewhere provided for, such amount or amounts as may be necessary to pay just claims against the Contractor for labor and services rendered and materials furnished in or about the work covered by this Contract, or for liquidated damages. The County is by this Contract appointed the agent of the Contractor to apply such retained amounts to the payment of any of the foregoing.

PATENTS: The Contractor shall protect the County against suits for patent infringement on material, equipment, and methods used.

DISCHARGE OF EMPLOYEES: Any employee of the Contractor who is stationed at the site of the work and should prove to be quarrelsome, dishonest, incompetent or inexperienced, or should not work for the good of the job shall, upon written notice from the County, be removed by the Contractor and replaced by an employee with proper qualifications.

ASSIGNMENT OF CONTRACT: No assignment by the Contractor of any principal construction contract or any part thereof or of the funds to be received thereunder by the Contractor, will be recognized unless such assignment has had the approval of the County and the Surety has been given due notice of such assignment in writing. In addition to the usual recitals in assignment contracts, the following language must be set forth:

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

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***For the successful Bidder, Performance Bond and Labor and Material Payment Bond must be submitted on forms provided herein.**

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NOTICE TO BIDDERS

Boone County, Missouri is accepting sealed bids for the following Project.

Project Name:

ANDREW SAPP RD. AND OLD MILL CREEK RD. BRIDGE REPAIRS

Project Number:

N/A

Bid Number:

36-12SEP13

Scope of Project Construction:

Work will consist of total surface hydro demolition of bridge decks and patching with high-strength, non-shrink, non-metallic, latex modified concrete, repair of approaches with Mechanically Stabilized Fill systems, cleaning and coating of piles, and rock blanket installation.

Pre-Bid Conference:

An **optional** pre-bid conference has been scheduled for **September 4, 2013 at 9:00 a.m.** in the Boone County Resource Management office, Boone County Government Center 801 E. Walnut, Conference Room 301, Columbia, Missouri 65201. The purpose of the meeting will be to address any questions or concerns regarding the bid. All bidders are **strongly urged** to attend.

Bid Questions Deadline:

All questions pertaining to the project must be received by **3:00 p.m. on September 9, 2013.** **Technical questions should be directed to the Project Manager.**

Bids Accepted Until:

Sealed bids will be accepted until **1:15 p.m. on September 12, 2013** at the Boone County Purchasing Office, 613 East Ash Street, Room 109, Columbia, Missouri 65201. Bids received after the above specified time for acceptance will be returned to the sender unopened.

Bids Opened After:

Bids will be publicly opened after **1:30 p.m. on September 12, 2013** in the Boone County Commission Chambers, Boone County Government Center, 801 East Walnut, Columbia, Missouri 65201.

Contract Time and Liquidated Damages:

30 Working Days will be allowed for project. Liquidated damages of \$1,000/day will be assessed beyond allowed days.

In addition,
No Bridge shall be closed to through traffic for part of or the entirety of 14 consecutive calendar days throughout the course of the project. Days are counted from the first closure to the final opening. Liquidated damages of \$1,000/day will be assessed for each day of closure beyond 14 closure days for each bridge. A bonus of \$1,500/day will be awarded to the Contractor for each day less than 14 closure days for each bridge.

Anticipated Notice To Proceed Date:

On or about October 7, 2013. The Contractor acknowledges that this is an estimated date and is subject to change. The actual notice to proceed date is generally established at the Pre-Construction Meeting.

Seeding and Erosion Control Performance Bond Amount:

None Required

Plans and Specifications Available From:

American Document Solutions, 1400 Forum Blvd., Suite 1C, Columbia, Missouri 65203, Phone 573-446-7768. Paper copies are available for a non-refundable fee of \$20.00 payable to American Document Solutions in the form of a check or money order. A planholder's list is available for viewing at <http://planroom.adsmo.net>.

Award will be made to the Bidder(s) whose offer(s) provide the greatest value to the County from the standpoint of suitability to purpose, quality, service, previous experience, price, lifecycle cost, ability to deliver, or for any other reason deemed by the County to be in the best interest of the County. Thus, the result will not be determined by price alone. The County will be seeking the least costly outcome that meets the County needs as interpreted by the County. The County also reserves the right to reject any and all bids or waive informalities or irregularities.

Not less than the prevailing hourly rate of wages, as found by the Department of Labor and Industrial Relations of Missouri, shall be paid to all workers performing work under this Contract. The Contractor's bond shall include such provisions as will guarantee the faithful performance of the prevailing hourly wage rate as provided by the Contract.

Boone County notifies all Bidders that it will affirmatively insure that in any contract entered into pursuant to this advertisement, minority business enterprises will be afforded full opportunity to submit bids in response to this invitation and will not be discriminated against on the grounds of race, color, religion, creed, sex, age, ancestry, or national origin in consideration for an award. The Bidder will insure that Disadvantage Business Enterprises will have the opportunity to participate in the performance of this contract or any subcontracts.

Proposals must be on forms provided and all unit price bids, extensions, and totals provided thereon shall be completed fully.

REFERENCE DOCUMENT DEFINITIONS

Wherever the following terms are used in the Plans, Specifications, or other Contract Documents, the intent and meaning shall be interpreted as follows:

Boone County Roadway Regulations Chapter II:

The Boone County, Missouri, Roadway Regulations, Chapter II, Road, Bridge, & Right of Way Regulations, Dated February 24, 2009 or Current Edition.

MoDOT Standard Specifications:

The Missouri Standard Specifications for Highway Construction, Dated 2011 or Current Edition.

MUTCD:

The Manual on Uniform Traffic Control Devices for Streets and Highways, 2009 or Current Edition.

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BID FORM

ANDREW SAPP RD. AND OLD MILL CREEK RD. BRIDGE REPAIRS 36-12SEP13

	Description	Unit	Qty.	Unit Price	Total
Andrew Sapp Road Bridge	Mobilization	LS	1	\$	\$
	Traffic Control	LS	1	\$	\$
	Hydro-Demolition, Full Surface w/ Vacuum System	SY	420	\$	\$
	Latex Modified Concrete Wearing Surface	CY	29.2	\$	\$
	Mechanically Stabilized Fill System	SY	57	\$	\$
	Pavement Patch	SY	55	\$	\$
	Type 2 Rock Blanket	TON	123	\$	\$
	Vertical Drain	LF	27	\$	\$
	4" Sch 40 PVC Drain Pipe	LF	50	\$	\$
	Pile Clean & Coat	EA	5	\$	\$
	Erosion Control	LS	1	\$	\$
	Seeding and Restoration	LS	1	\$	\$
Andrew Sapp Road Bridge Total					\$

Old Mill Creek Road Bridge	Mobilization	LS	1	\$	\$
	Traffic Control	LS	1	\$	\$
	Hydro-Demolition, Full Surface w/ Vacuum System	SY	106	\$	\$
	Latex Modified Concrete Wearing Surface	CY	7.4	\$	\$
	Mechanically Stabilized Fill System	SY	52	\$	\$
	Pavement Patch	SY	50	\$	\$
	Type 2 Rock Blanket	TON	113	\$	\$
	Vertical Drain	LF	23.5	\$	\$
	4" Sch 40 PVC Drain Pipe	LF	50	\$	\$
	Pile Clean & Coat	EA	5	\$	\$
	Erosion Control	LS	1	\$	\$
	Seeding and Restoration	LS	1	\$	\$
Old Mill Creek Road Bridge Total					\$

Combined Total	\$
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All items shown on the project plan sheets and not included in the above bid items shall be deemed incidental to the project and included in the unit prices given. In case of error in the extension, the unit price times the estimated quantity will govern.

BIDDER has examined copies of all the Bidding Documents and of the following Addenda (receipt of all which is hereby acknowledged):

DATE

ADDENDUM NUMBER

COMPANY NAME: _____

ADDRESS: _____

CITY, STATE, ZIP _____

PHONE NUMBER: _____

AUTHORIZED REPRESENTATIVE: _____

TITLE: _____

SIGNATURE: _____

List all Sub-Contractors planned to be utilized on this project.

INSTRUCTIONS TO BIDDERS

The purpose of the attached specifications is to give detailed information on the conditions under which the Project will be constructed, Scope of Contract, quality of material and equipment required, standards used in determining its acceptability, and similar data. Each Bidder shall carefully check all requirements herein set forth and shall offer material and construction which fully complies with these requirements.

All bids shall be submitted on the bid forms hereto attached. Copies of necessary Addenda, if any, shall be signed and attached to the proposal submitted and considered a part of the contract. Bidders shall furnish all information requested herein by filling in the blanks in the submitted copy of these specifications.

Bidders shall visit the site of the work and become familiar with the condition under which the work is to be performed, concerning the site of the work, the nature of the equipment, the obstacles which may be encountered, the work to be performed, and if awarded the Contract, shall not be allowed any extra compensation by reason of any matter or thing concerning which such Bidder might have fully informed himself, because of their failure to have so informed themselves prior to the bidding. The successful Contractor must employ, so far as possible, such methods and means in the carrying out their work as will not cause any interruption or interference with any other contractors.

Bidders shall not include sales or use taxes in their bid for materials incorporated or used in the work or for rentals subject to sales tax.

The Contractor assumes responsibility for all loss or damage caused by fire, windstorm, cyclone, tornado, flood, or freezing to the materials and equipment with which the work of the contract is to be done. The Contractor has the privilege of insuring in full or in part against such loss or damage, responsibility for which is here assumed. The County will not carry insurance against such loss or damage until the acceptance of Project.

Bidders shall visit the site of the work and completely inform themselves relative to construction hazards and procedure, the availability of lands, the character and quantity of surface and subsurface materials, and utilities to be encountered, the arrangement and condition of existing structures and facilities, the procedure necessary for maintenance of uninterrupted operation of existing facilities, the character of construction equipment and facilities needed for performance of the work, and facilities for transportation, handling, and storage of materials and equipment. All such factors shall be properly investigated and considered in the preparation of the bid.

Bids of an incomplete nature, or subject to multiple interpretation may at the option of the County, be rejected as irregular.

Bids will be evaluated by the County based on, but not limited to, the following criteria: cost, bidder's qualifications and experience, and time required for completion.

Upon award of the Contract, the successful Contractor shall furnish a Performance Bond and a Labor and Material Payment Bond, each in an amount equal to the full Contract price, guaranteeing faithful compliance with all requirements of the Contract Documents and complete fulfillment of the Contract, and payment of all labor, material, and other bills made in carrying out this Contract.

When Owner gives a Notice of Award to the Successful Bidder, it will be accompanied by the required number of unsigned counterparts of the Agreement with all other written Contract Documents attached. Within fifteen days thereafter Contractor shall sign and deliver the required number of counterparts of the Agreement and attached documents to Owner with the required Bonds.

Owner will deliver to Contractor a Notice to Proceed on or about the date specified in the Notice to Bidders. Contract Time shall commence upon delivery of Notice to Proceed. **Contract Time shall not exceed the time or fixed completion date specified in the Notice to Bidders for the work to be done on the Project.**

If any person submitting a bid for this Contract is in doubt as to the true meaning of any part of the plans, specifications, or any other proposed Contract documents, they may submit to the County a written request for an interpretation thereof by the bid questions deadline specified in the Notice to Bidders. The person submitting the request will be responsible for its prompt delivery. Any interpretation of the proposed documents will be made only by addendum duly issued or delivered to each person receiving a set of such documents. The County will not be responsible for any other explanation or interpretation of the proposed documents.

Each set of bids should be plainly headed with the name of the Bidder and post office address. In case the bid is made by a firm or corporation, the same shall be signed by a legally authorized agent of the firm or corporation. The envelope containing the bids should be sealed and plainly marked as a bid for this particular Contract.

The Contractor should be sure to complete the following forms and attach the bid security. Omissions or irregularities may cause bid rejection.

1. Bidding Forms,
2. Bid Response,
3. Debarment Form,
4. Work Authorization Certification,
5. Statement of Bidder's Qualifications,
6. Anti-Collusion Statement,
7. Signature and Identity of Bidder,
8. Bidder's Acknowledgment.

BID RESPONSE

TO: COUNTY OF BOONE, MISSOURI

SUBJECT: _____

Project No.: _____

THE UNDERSIGNED BIDDER, having examined all specifications, and other proposed contract documents, and all addenda thereto; and being acquainted with and fully understanding (a) the extent and character of the work covered by this proposal; (b) the location, arrangement, and specified requirements of the proposed work; (c) local conditions relative to labor, transportation, hauling, and delivery facilities; and (d) all other factors and conditions affecting or which may be affected by the work.

HEREBY PROPOSES to furnish all required materials, supplies, equipment, tools, and plant; to perform all necessary labor and supervision; and to install, erect, equip, and complete all work stipulated in, required by, and in accordance with the proposed contract documents, specifications, and other documents referred to herein (as altered, amended, or modified by all addenda hereto) for and in consideration of the prices stated herein. All prices stated herein are firm and include Missouri Sales and Use Tax and all other taxes which might be lawfully assessed against or in connection with the work proposed herein.

SECTION I

THE UNDERSIGNED BIDDER UNDERSTANDS that the specifications, contract, and bond governing the construction of the work contemplated are those known and designated as the **Boone County Roadway Regulations Chapter II, MoDOT Standard Specifications, Rules of Missouri Department of Natural Resources, Division 20-Clean Water Commission (10CSR20)**, together with the "General Specifications", "Technical Specifications", and "Special Provisions", if any, attached to this proposal.

THE UNDERSIGNED BIDDER UNDERSTANDS that the quantities given in the following itemized proposal are not guaranteed by the Owner, but are used for the purpose of comparing bids and awarding the Contract, and may or may not represent the actual quantities encountered on the job; and that the sum of the products of the quantities listed in the following itemized proposal, multiplied by the unit price bid shall all constitute the gross sum bid.

THE UNDERSIGNED BIDDER submits the following itemized proposal and hereby authorizes the Engineer to correct any multiplication of "Unit Price" by "Quantity" as shown under "Extended Total". If there is a discrepancy between the "Unit Price" and the "Extended Total" the "Unit Price" shall govern.

SECTION II

I hereby agree to complete the work herein specified before the **Contract Time** specified in the Notice to Bidders and agree that the County will sustain substantial damages, the amount of which is impossible to determine at this time, if work is not completed by the completion date. Time is an essential feature of this Contract. I agree that if I fail to finally and fully complete the work within the time allowed I will be in breach of the Agreement which shall entitle the County to collect **liquidated damages** from the Bidder and/or the Bidder's Surety in the amount specified under liquidated damages in the Notice to Bidders for each day that completion is delayed beyond the specified completion date. I further authorize said damages to be reduced from any final payment on the Project.

SECTION III

Acknowledgment of receipt of any and all Addenda, if applicable, shall be included with the bid documents at the time of the submittal to Boone County for consideration.

SECTION IV

The undersigned agrees and understands that the County has the right to reject any and all bids, to waive informalities or other requirements for its benefit, and to accept such proposal as it deems to its best interest.

SECTION V

If this proposal is accepted, the undersigned hereby agrees that work will begin no later than the date specified in the Notice to Proceed and will be diligently prosecuted at such a rate and in such manner as is necessary for the completion of the work herein specified before the completion date.

The Contractor further agrees that, should he fail to complete work in the time specified or such additional time as may be allowed by the Owner under this Contract, the amount of liquidated damages to be recovered on this project shall be in accordance with Section II of the Bid Response.

Accompanying this proposal is a certified check, treasurer's check or cashier's check, or a bidder's bond payable to the Owner for five percent of AMOUNT OF BID. If this proposal is accepted and the undersigned fails to execute the Contract and furnish a contract bond as required, then the proposal guaranty shall be forfeited to the Owner.

Firm Name: _____

By: _____
(Signature)

(Print or Type Name)

Title: _____

Address: _____

City, State, Zip: _____

Phone: _____

Fax: _____

Date: _____

(Please complete and return with Contract)

**Certification Regarding
Debarment, Suspension, Ineligibility and Voluntary Exclusion
Lower Tier Covered Transactions**

This certification is required by the regulations implementing Executive Order 12549, Debarment and Suspension, 29 CFR Part 98 Section 98.510, Participants' responsibilities. The regulations were published as Part VII of the May 26, 1988, Federal Register (pages 19160-19211).

(BEFORE COMPLETING CERTIFICATION, READ INSTRUCTIONS FOR CERTIFICATION)

- (1) The prospective recipient of Federal assistance funds certifies, by submission of this proposal, that neither it nor its principals are presently debarred, suspended, proposed for debarment, declared ineligible, or voluntarily excluded from participation in this transaction by any Federal department or agency.
- (2) Where the prospective recipient of Federal assistance funds is unable to certify to any of the statements in this certification, such prospective participant shall attach an explanation to this proposal.

Name and Title of Authorized Representative

Signature

Date

COUNTY OF BOONE-MISSOURI
INSTRUCTIONS FOR COMPLIANCE WITH HOUSE BILL 1549

House Bill 1549 addresses the Department of Homeland Security's and the Social Security Administration's E-Verify Program (Employment Eligibility Verification Program) that requires the County to verify "lawful presence" of individuals when we contract for work/service; verify that contractor has programs to verify lawful presence of their employees when contracts exceed \$5,000; and a requirement for OSHA safety training for public works projects.

The County is required to obtain certification that the bidder awarded the attached contract participates in a federal work authorization program. To obtain additional information on the Department of Homeland Security's E-Verify program, go to:

<http://www.uscis.gov/portal/site/uscis/menuitem.eb1d4c2a3e5b9ac89243c6a7543f6d1a/?vgnnextoid=75bce2e261405110VgnVCM1000004718190aRCRD&vgnnextchannel=75bce2e261405110VgnVCM1000004718190aRCRD>

Please complete and return form *Work Authorization Certification Pursuant to 285.530 RSMo* if your contract amount is in excess of \$5,000. **Attach to this form the first and last page of the *E-Verify Memorandum of Understanding* that you completed when enrolling.**

An Affirmative Action/Equal Opportunity Institution

CERTIFICATION OF INDIVIDUAL BIDDER

Pursuant to Section 208.009 RSMo, any person applying for or receiving any grant, contract, loan, retirement, welfare, health benefit, post secondary education, scholarship, disability benefit, housing benefit or food assistance who is over 18 must verify their lawful presence in the United States. Please indicate compliance below. Note: A parent or guardian applying for a public benefit on behalf of a child who is citizen or permanent resident need not comply.

- _____ 1. I have provided a copy of documents showing citizenship or lawful presence in the United States. (Such proof may be a Missouri driver's license, U.S. passport, birth certificate, or immigration documents). Note: If the applicant is an alien, verification of lawful presence must occur prior to receiving a public benefit.

- _____ 2. I do not have the above documents, but provide an affidavit (copy attached) which may allow for temporary 90 day qualification.

- _____ 3. I have provided a completed application for a birth certificate pending in the State of _____ . Qualification shall terminate upon receipt of the birth certificate or determination that a birth certificate does not exist because I am not a United States citizen.

Applicant

Date

Printed Name

AFFIDAVIT
(Only Required for Individual Bidder Certification Option #2)

State of Missouri)
)SS.
County of _____)

I, the undersigned, being at least eighteen years of age, swear upon my oath that I am either a United States citizen or am classified by the United States government as being lawfully admitted for permanent residence.

_____)
Date

_____)
Signature

_____)
Social Security Number
or Other Federal I.D. Number

_____)
Printed Name

On the date above written _____ appeared before me and swore that the facts contained in the foregoing affidavit are true according to his/her best knowledge, information and belief.

_____)
Notary Public

My Commission Expires:

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STATEMENT OF BIDDER'S QUALIFICATIONS

Each bidder for the work included in the specifications and plans and the Contract Documents shall submit with their bid the data requested in the following schedule of information. This data must be included in and made a part of each bid document and be contained in the sealed envelope. Failure to comply with this instruction may be regarded as justification for rejecting the Contractor's proposal.

1. Name of Bidder: _____
2. Business Address: _____

3. When Organized: _____
4. When Incorporated: _____
5. If not incorporated, state type of business and provide your federal tax identification number:

6. Number of years engaged in contracting business under present firm name:

7. If you have done business under a different name, please give name and location:

8. Percent of work done by own staff: _____
9. Have you ever failed to complete any work awarded to your company? If so, where and why?: _____
10. Have you ever defaulted on a contract? _____
11. List of contracts completed within the last four years, including value of each: _____

12. List of projects currently in progress: _____

* Attach additional sheets as necessary *

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ANTI-COLLUSION STATEMENT

STATE OF MISSOURI

COUNTY OF _____

_____, being first duly sworn, deposes and

says that he is _____
(Title of Person Signing)

of _____
(Name of Bidder)

that all statements made and facts set out in the proposal for the above project are true and correct; and the bidder (person, firm, association, or corporation making said bid) has not, either directly or indirectly, entered into any agreement, participated in any collusion, or otherwise taken any action in restraint of free competitive bidding in connection with said bid or any contract which may result from its acceptance.

Affiant further certifies that bidder is not financially interested in, or financially affiliated with, any other bidder for the above project

By _____

By _____

By _____

Sworn to before me this _____ day of _____, 20 _____

Notary Public

My Commission Expires _____

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SIGNATURE AND IDENTITY OF BIDDER

The undersigned states that the correct LEGAL NAME and ADDRESS of (1) the individual Bidder, (2) each partner or joint venture (whether individuals or corporations, and whether doing business under fictitious name), or (3) the corporation (with the state in which it is incorporated) are shown below; that (if not signing with the intention of binding himself to become the responsible and sole Contractor) he is the agent of, and duly authorized in writing to sign for the Bidder or Bidders; and that he is signing and executing this (as indicated in the proper spaces below) as the proposal of a:

sole individual partnership joint venture
 corporation, incorporated under laws of the state of _____

Dated _____, 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:

(Secretary)

(Title)

NOTE: If the Bidder is doing business under a FICTITIOUS NAME, the Proposal shall be executed in the legal name of the individual, partners, joint venturers, or corporation, with the legal address shown, and the REGISTRATION OF FICTITIOUS NAME filed with the Secretary of State, as required by Section 417.200 to 417.230, RS Mo. shall be attached. 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 351.570 and following, RS Mo. A CERTIFIED COPY of such Registration of Fictitious Name or Certificate of Authority to do Business in Missouri shall be filed with the Engineer.

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BIDDER'S ACKNOWLEDGMENT

(Complete and fill out all parts applicable, and strike out all parts not applicable.)

State of _____

County of _____

On this _____ day of _____, 20 _____

before me appeared _____ to me personally known, who, being by me first duly sworn, did say that he executed the foregoing Proposal with full knowledge and understanding of all its terms and provisions and of the plans and specifications; that the correct legal name and address of the Bidder (including those of all partners of joint ventures if fully and correctly set out above; that all statements made therein by or for the Bidder are true; and

(if a sole individual) acknowledged that he executed the same as his free act and deed.

(if a partnership or joint venture) acknowledged that his executed same, with written authority from, and as the free act and deed of, all said partners or joint ventures.

(if a corporation) that he is the _____
President or other agent

of _____; that the above Proposal was signed and sealed in behalf of said corporation by authority of its board of directors; and he acknowledged said proposal to be the free act and deed of said corporation.

Witness my hand and seal at _____, _____ the day and year first above written.

(SEAL) _____ Notary Public

My Commission expires _____, 20 _____.

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INSURANCE REQUIREMENTS

Insurance Requirements: The Contractor shall not commence work under this contract until they have obtained all insurance required under this paragraph and such insurance has been approved by the County, nor shall the Contractor allow any subcontractor to commence work on their subcontract until all similar insurance required of subcontractor has been so obtained and approved. All policies shall be in amounts, form and companies satisfactory to the County which must carry an A-6 or better rating as listed in the A.M. Best or equivalent rating guide. Insurance limits indicated below may be lowered at the discretion of the County.

Compensation Insurance - The Contractor shall take out and maintain during the life of this contract, **Employee's Liability and Worker's Compensation Insurance** for all of their employees employed at the site of work, and in case any work is sublet, the Contractor shall require the subcontractor similarly to provide Worker's Compensation Insurance for all of the latter's employees unless such employees are covered by the protection afforded by the Contractor. Worker's Compensation coverage shall meet Missouri statutory limits. Employers' Liability limits shall be \$1,000,000.00 each employee, \$1,000,000.00 each accident, and \$1,000,000.00 policy limit. In case any class of employees engaged in hazardous work under this Contract at the site of the work is not protected under the Worker's Compensation Statute, the Contractor shall provide and shall cause each subcontractor to provide Employers' Liability Insurance for the protection of their employees not otherwise protected.

Comprehensive General Liability Insurance - The Contractor shall take out and maintain during the life of this contract, such comprehensive general liability insurance as shall protect them and any subcontractor performing work covered by this contract, from claims for damages for personal injury including accidental death, as well as from claims for property damages, which may arise from operations under this contract, whether such operations be by themselves or for any subcontractor or by anyone directly or indirectly employed by them. The amounts of insurance shall be not less than \$2,000,000.00 combined single limit for any one occurrence covering both bodily injury and property damage, including accidental death. If the Contract involves any underground/digging operations, the general liability certificate shall include X, C, and U (Explosion, Collapse, and Underground) coverage. If providing Comprehensive General Liability Insurance, then the Proof of Coverage of Insurance shall also be included.

The Contractor has the option to provide **Owner's Contingent or Protective Liability and Property Damage** instead of the **Comprehensive General Liability Insurance**- The Contractor shall provide the County with proof of Owner's Protective Liability and Property Damage Insurance with the County as named insured, which shall protect the County against any and all claims which might arise as a result of the operations of the Contractor in fulfilling the terms of this contract during the life of the Contract. The minimum amounts of such insurance will be \$2,000,000.00 per occurrence, combined single limits. Limits can be satisfied by using a combination of primary and excess coverages. Should any work be subcontracted, these limits will also apply.

COMMERCIAL Automobile Liability - The Contractor shall maintain during the life of this contract, automobile liability insurance in the amount of not less than \$2,000,000.00 combined single limit for any one occurrence, covering both bodily injury, including accidental death, and property damage, to protect themselves from any and all claims arising from the use of the

Contractor's own automobiles, teams and trucks; hired automobiles, teams and trucks; and both on and off the site of work.

Proof of Carriage of Insurance - The Contractor shall furnish the County with Certificate(s) of Insurance which name the County as additional insured in an amount as required in this contract, contain a description of the project or work to be performed, and requiring a thirty (30) day mandatory cancellation notice. In addition, such insurance shall be on occurrence basis and shall remain in effect until such time as the County has made final acceptance of the facility contracted.

INDEMNITY AGREEMENT: To the fullest extent permitted by law, Contractor shall indemnify, hold harmless and defend the County, its directors, officers, agents, and employees from and against all claims, damages, losses and expenses (including but not limited to attorney's fees) arising by reason of any act or failure to act, negligent or otherwise, of Contractor, of any subcontractor (meaning anyone, including but not limited to consultants having a contract with contractor or a subcontract for part of the services), of anyone directly or indirectly employed by contractor or by any subcontractor, or of anyone for whose acts the contractor or its subcontractor may be liable, in connection with providing these services. This provision does not, however, require contractor to indemnify, hold harmless, or defend the County of Boone from its own negligence.

ACCIDENT PREVENTION: Precaution shall be exercised at all times for the protection of persons (including employees) and property. The safety provisions of applicable laws, building and construction codes shall be observed. Machinery, equipment, and all hazards shall be guarded or eliminated in accordance with the safety provisions of the Manual of Accident Prevention in Construction, 8th Edition, 1999, published by the Associated General Contractors of America, to the extent that such provisions are not in contravention of applicable laws. Current standards of the Occupational Safety and Health Act shall be applied, as well as the requirements contained within the current MUTCD.

LEGAL REQUIREMENTS: The Contractor shall do all work in such manner as to comply with all County ordinances, and laws of the County, State, and Nation as apply to the work herein outlined. The Contractor shall also obtain all necessary licenses and permits and keep necessary records as required.

EQUAL OPPORTUNITY: The County of Boone is an equal opportunity affirmative action employer, pursuant to federal and state law, and all respondents submitting bids shall be considered to be EEO/AA employers in compliance with federal and state laws, unless otherwise stipulated by the bidders herein.

DOMESTIC PURCHASING POLICY: Contractors are encouraged to select and use materials manufactured, assembled, or produced in the United States in the performance of this contract whenever the quality and price are comparable with other goods. By submission of this bid, the vendor certifies that they are in compliance with section 34.353 and, if applicable, section 34.359 ("Missouri Domestic Products Procurement Act") of the Revised Statutes of Missouri, 1987.

TRANSIENT EMPLOYERS: Every transient employer, as defined in Section 285.230 RSMo, must post in a prominent and easily accessible place at the work site a clearly legible copy of the following: (1) the notice of registration for employer withholding issued to such transient employer by the director of revenue; (2) proof of coverage for workers' compensation insurance or self-insurance signed by the transient employer and verified by the department of revenue through the records of the division of workers' compensation; and (3) the notice of registration for unemployment insurance issued to such transient employer by the division of employment security. Any transient employer failing to comply with these requirements shall, under Section 285.234 RSMo, be liable for a penalty of five hundred dollars per day until the notices required by this section are posted as required by law.

SALES/USE TAX EXEMPTION

SALES TAX EXEMPTION PROCEDURE: County will provide the Contractor with a completed Missouri Project Exemption and Missouri Tax Exemption letter for Boone County, Missouri and the Contractor shall be responsible for furnishing the exemption certificate and tax exemption letter to all authorized sub-contractors and suppliers providing materials incorporated in the work. All invoices issued for purchases for such materials, supplies, and taxable rentals shall be in the name of Boone County and contain the project number assigned by Boone County for the contract awarded. It shall be the responsibility of the Contractor to insure that no sales or use taxes are included in the invoices and that the County pays no sales/use taxes from which it is exempt. The Contractor shall be responsible for obtaining revised exemption certificates and revised expiration dates if the work extends beyond the estimated the project completion date or a certificate expiration date. The Contractor shall also be responsible for retaining a copy of the project exemption certificate for a period of five years and for compliance with all other terms and conditions of section 144.062 RSMo. not otherwise herein specified. The Contractor agrees not to use or permit others to use the project exemption certificate for taxable purchases of materials or rentals and supplies not directly incorporated into or used in the work to which it applies and agrees to indemnify and hold the County harmless from all losses, expenses and costs including litigation expenses and attorney fees resulting from the unauthorized use of such project exemption certificates.

WARRANTY AND GUARANTEE

Contractor warrants and guarantees to Owner and Engineer that all work will be in accordance with the Contract Documents and will not be defective. All materials provided by Contractor shall be new material of high quality which shall give long life and reliable operation. The workmanship shall be of high quality in every detail. Prompt notice of all defects shall be given to Contractor. All defective work, whether or not in place, may be rejected, corrected, or accepted as follows:

Correction or Removal of Defective Work

If required by Engineer, Contractor shall promptly, as directed, either correct all defective Work, whether or not fabricated, installed or completed, or if the Work has been rejected by Engineer, remove it from the site and replace it with non-defective Work. Contractor shall bear all direct, indirect, and consequential costs of such correction or removal (including but not limited to fees and charges of engineers, architects, attorneys, and other professionals made necessary thereby).

One Year Correction Period

If within one year after the date of Substantial Completion or such longer period of time as may be prescribed by Laws or Regulations or by the terms of any applicable special guarantee required by the Contract Documents or by any specific provision of the Contract Documents, any Work is found to be defective, Contractor shall promptly, without cost to Owner and in accordance with Owner's written instructions, either correct such defective Work, or if it has been rejected by Owner, remove it from the site and replace it with non-defective Work. If Contractor does not promptly comply with the terms of such instructions, or in an emergency where delay would cause serious risk of loss or damage, Owner may have the defective Work removed and replaced and all direct, indirect, and consequential costs of removal and replacement (including but not limited to fees and charges of engineers, architects, attorneys, and other professionals) will be paid by the Contractor. In special circumstances where a particular item of equipment is placed in continuous service before Substantial Completion of all the Work, the correction period for that item may start to run from an earlier date if so provided in the Specifications or by Written Amendment.

Maintenance Requirements

The seeded area shall be maintained by the Contractor as necessary to assure growth. A performance guarantee period of one year from the Final Acceptance of work will be required.

At the time of Final Acceptance of the work, the Contractor shall furnish Boone County a one (1) year performance bond in the amount specified in the Notice to Bidders for Seeding and Erosion Control. During the one year performance guarantee period, if there are deficient areas where the grass died, where sheet and rill erosion occurred, where settlement occurred, or where gravel or other deleterious backfill material surfaces, upon notification by Boone County of such areas, the Contractor shall re-work all such areas as necessary to bring the areas into conformance with the Specifications. In the event that upon notification of deficient areas, the Contractor fails to remedy the problems, Boone County shall have the work done by other means and shall bill the charges against the Contractor's performance bond for seeding and erosion control.

SUBCONTRACTORS, SUPPLIERS AND OTHERS

Contractor shall not employ any Subcontractor, Supplier, or other person or organization (including those acceptable to Owner and Engineer as indicated below), whether initially or as a substitute, against whom Owner or Engineer may have reasonable objection. Contractor shall not be required to employ any Subcontractor, Supplier, or other person or organization to furnish or perform any of the Work against whom the Contractor has a reasonable objection.

If the Owner requires identity of certain Subcontractor, Suppliers, or other persons or organizations (including those who are to furnish the principal items of material and equipment) to be submitted to Owner in advance of the specified date prior to the Effective Date of the Agreement for acceptance by Owner and Engineer and if Contractor has submitted a list thereof in accordance with the project Specifications, Owner's or Engineer's acceptance (either in writing or by failing to make written objection thereto by the date indicated for acceptance or objection in the bidding documents or the Contract Documents) of any such Subcontractor, Supplier, or other person or organization so identified may be revoked on the basis of reasonable objection after due investigation, in which case Contractor shall submit an acceptable substitute, the Contract Price will be increased by the difference in the cost occasioned by such substitution and an appropriate Change Order will be issued or Written Amendment signed. No acceptance by Owner or Engineer of any such Subcontractor, Supplier, or other person or organization shall constitute a waiver of any right of Owner or Engineer to reject defective Work.

SAMPLE CONTRACT AGREEMENT

THIS AGREEMENT, made and entered into by and between the Boone County Commission of Columbia, Missouri, (hereinafter referred to as the Owner), and _____ (hereinafter referred to as the Contractor).

WITNESSETH: That for and in consideration of the acceptance of Contractor's bid and the award of this contract to said Contractor by the Owner and in further consideration of the agreements of the parties herein contained, to be well and truly observed and faithfully kept by them, and each of them, it is agreed between the parties as follows, to wit:

The Contractor at his own expense hereby agrees to do or furnish all labor, materials, and equipment called for in the proposal designated and marked:

Project Name: _____

Project No.: _____

and agrees to perform all the work required by the Contract as shown on the plans and specifications.

The following Contract documents and all addenda (if applicable), are made a part hereof as fully as if set out herein: Change orders issued subsequent to this Contract shall be subject to the terms and conditions of the agreement unless otherwise specified in writing.

1. Notice to Bidders,
2. Bid Form,
3. Instructions to Bidders,
4. Bid Response,
5. Work Authorization Certification,
6. Statement of Bidder's Qualifications,
7. Anti-Collusion Statement,
8. Signature and Identity of Bidder,
9. Bidder's Acknowledgment,
10. Insurance Requirements,
11. Contract Conditions,
12. Contract Agreement,
13. Performance Bond,
14. Labor and Material Payment Bond,
15. Affidavit-OSHA Requirements,
16. Affidavit-Prevailing Wage,
17. General Specifications,
18. Technical Specifications,
19. Special Provisions,
20. State Prevailing Wage Rates,
21. Boone County Standard Terms and Conditions
22. Notice to Proceed,
23. Boone County Roadway Regulations Chapter II,
24. MoDOT Standard Specifications, and
25. Plans.

It is understood and agreed that, except as may be otherwise provided for by the **General Specifications, Technical Specifications, and Special Provisions** the work shall be done in accordance with the **Boone County Roadway Regulations Chapter II**, or the **MoDOT Standard Specifications**. Said Specifications are part and parcel of this Contract, and are incorporated in this Contract as fully and effectively as if set forth in detail herein. When an item is the subject of both the **Boone County Roadway Regulations Chapter II** and the **MoDOT Standard Specifications**, the **Boone County Roadway Regulations Chapter II** will govern the work.

The Contractor further agrees that he is fully informed regarding all of the conditions affecting the work to be done, and labor and materials to be furnished for the completion of this Contract, and that his information was secured by personal investigation and research and not from any estimates of the Owner; and that he will make no claim against the Owner by reason of estimates, tests, or representation of any officer, agent, or employees of the Owner.

The said Contractor agrees further to begin work not later than the authorized date in the Notice to Proceed, and to complete the work within the time specified in the proposal or such additional time as may be allowed by the Engineer under the Contract.

The work shall be done to complete satisfaction of the Owner, and in the case the Federal Government or any agency thereof is participating in the payment of the cost of construction of the work, the work shall also be subject to inspection and approval at all times by the proper agent or agents of such government agency.

The parties hereto agree that this Contract in all things shall be governed by the laws of the State of Missouri.

Contractor agrees it will pay not less than the prevailing hourly rate of wages to all workmen performing work under the Contract in accordance with the prevailing wage determination issued by the Division of Labor Standards of the Department of Labor and Industrial Relations for the State of Missouri and as maintained on file with the Boone County Purchasing Department. The Contractor further agrees that it shall forfeit as a penalty to the County of Boone the sum of \$100.00 for each workman employed for each calendar day or portion thereof such workman is paid less than the stipulated rates set forth in the prevailing wage determination for the project for any work done under this contract by the Contractor pursuant to the provisions of Section 290.250 RSMo. The Contractor further agrees that he will abide by all provisions of the prevailing wage law as set forth in Chapter 290 RSMo. and rules and regulations issued thereunder and that any penalties assessed may be withheld from sums due to the Contractor by the Owner.

The Contractor agrees that he will comply with all federal and state laws and regulations and local ordinances and that he will comply and cause each of his subcontractors, and directives pertaining to nondiscrimination against any person on the grounds of race, color, religion, creed, sex, age, ancestry, or national origin in connection with this Contract, including procurement of materials and lease of equipment; therefore, in accordance with the special provisions on that subject attached hereto, incorporated in and made a part of the Contract.

The Contractor expressly warrants that he has employed no third person to solicit or obtain this Contract in his behalf, or to cause or procure the same to be obtained upon compensation in any way contingent, in whole or in part, upon such procurement. Also, that he has not paid, or promised or agreed to pay to any third person, in consideration of such procurement, or in compensation for services in connection therewith, any brokerage, commission or percentage upon the amount receivable by he hereunder; and that he has not, in estimating the Contract price demand by he, included any sum by reason of any such brokerage, commission, or percentage; and that all moneys payable to he hereunder are free from obligation of any other person for services rendered, or supposed to have been rendered, in the procurement of this Contract. Contractor further agrees that any breach of this warranty shall constitute adequate cause for the annulment of this Contract by the

Owner, and that the Owner may retain to its own use from any sums due to or to become due hereunder an amount equal to any brokerage, commission, or percentage so paid, or agreed to be paid.

The Owner agrees to pay the Contractor in the amount of

\$ _____
as full compensation for the performance of work embraced in this Contract, subject to adjustment as provided for changes in quantities and approved change orders.

DATE OF AGREEMENT:

IN WITNESS WHEREOF, the parties hereto have signed and entered this agreement on
at Columbia, Missouri.

(Date)

OWNER:
BOONE COUNTY, MISSOURI

ATTEST:

By: _____

Daniel K. Atwill, Presiding Commissioner

Wendy Noren, County Clerk

CONTRACTOR:

By: _____

Authorized Representative (Signature)

ATTEST:

By: _____

Authorized Representative (Print or Type Name)

Title: _____

Secretary

Approved as to Legal Form:

CJ Dykhouse, County Counselor

Certification

I certify that this contract is within the purpose of the appropriation to which it is to be charged and there is an encumbered balance to the credit of such appropriation sufficient to pay therefore.

Auditor

SAMPLE PERFORMANCE BOND

KNOW ALL PERSONS BY THESE PRESENT, that we,

as Principal, hereinafter called Contractor, and _____

a Corporation, organized under the laws of the State of _____

and authorized to transact business in the State of Missouri, as Surety, hereinafter called Surety, are held and firmly bound unto the County of Boone, Missouri, as Obligee, hereinafter called Owner, in the amount of _____ Dollars, for the payment whereof Contractor and Surety bind themselves, their heirs, executors, administrators, successors, and assigns jointly and severally, firmly by these presents:

WHEREAS, Contractor has, by written agreement dated _____ entered into a Contract with Owner for:

Project Name: _____

Project No.: _____

in accordance with specifications and/or plans prepared by the County of Boone, which contract is by reference made a part hereof, and is hereinafter referred to as the Contract.

NOW, THEREFORE, THE CONDITION OF THIS OBLIGATION is such that, if Contractor shall promptly and faithfully perform said Contract, and shall faithfully perform the prevailing hourly wages and comply with all prevailing wage requirements as provided by such Contract and applicable prevailing wage laws, rules, and rates specified by regulation thereunder, then this obligation shall be null and void; otherwise it shall remain in full force and effect.

The Surety hereby waives notice of any alteration or extension of time made by the Owner.

Whenever Contractor shall be, and declared by Owner to be, in default under the Contract, the Owner having performed Owner's obligations thereunder, the Surety may promptly remedy the default, or shall promptly:

- 1) Complete the Contract in accordance with its terms and conditions, or
- 2) Obtain a bid for submission to Owner for completing the Contract in accordance with its terms and conditions, and upon determination by Owner and Surety of the lowest responsible bidder, arrange for a Contract between such bidder and Owner, and make available as work progresses (even though there should be a default of a succession of defaults under the Contract or Contracts of completion arranged under this paragraph) sufficient fund to pay the cost of completion less the balance of the Contract price, but not exceeding, including other costs and damages for which the Surety may be liable hereunder, the amount set forth in the first paragraph hereof. The term "balance of the Contract price", as used in this paragraph, shall mean the total amount payable by Owner to Contractor under the Contract and any amendments thereto, less the amount properly paid by Owner to Contractor.

... suit under this bond must be instituted before the expiration of two (2) years from the date on which
... payment under the Contract falls due.

... right of action shall accrue on this bond to or for the use of any person or corporation other than the
... ner named herein or the heirs, executors, administrators, or successors of Owner.

TESTIMONY WHEREOF, the Contractor has hereunto set his hand and the Surety has caused these
... sents to be executed in its name, and its corporate seal to be affixed by its Attorney-In-Fact at
_____ on this _____ day of _____, 20 _____.

(Contractor)

AL)

BY: _____

(Surety Company)

EAL)

BY: _____

(Attorney-in-Fact)

BY: _____

(Missouri Representative)

... company this bond with Attorney-in-Fact's authority from the Surety Company certified to include the
... of this bond).

... ty Contact Name: _____

... ne Number: _____

... ress: _____

SAMPLE LABOR AND MATERIAL PAYMENT BOND

KNOW ALL PERSONS BY THESE PRESENT, that we,

as Principal, hereinafter called Contractor, and _____

a Corporation, organized under the laws of the State of _____

and authorized to transact business in the State of Missouri, as Surety, hereinafter called Surety, are held and firmly bound unto the County of Boone, Missouri, as Obligee, hereinafter called Owner, for the use and benefit of claimants as herein defined, in the amount of

_____ Dollars,
(\$ _____), for the payment whereof Contractor and Surety bind themselves, their heirs, executors, administrators, successors, and assigns jointly and severally, firmly by these presents:

WHEREAS, Contractor has, by written agreement dated _____ entered into a Contract with Owner for:

Project Name: _____

Project No.: _____

in accordance with specifications and/or plans prepared by the County of Boone which Contract is by reference made a part hereof, and is hereinafter referred to as the Contract.

NOW, THEREFORE, THE CONDITION OF THIS OBLIGATION is such that the Contractor shall promptly make payments to all claimants as hereinafter defined, for all labor and material used or reasonably required for use in the performance of the Contract, then this obligation shall be void; otherwise, it shall remain in full force and effect, subject, however, to the following conditions.

A. A claimant is defined as one having a direct contract with the Contractor or with a subcontractor of the Contractor for labor, material, or both, used or reasonably required for use in the performance of the Contract; labor and material being construed to include the part of water, gas, power, light, heat, oil, gasoline, telephone service, rental, or equipment directly applicable to the Contract.

B. The above named Contractor and Surety hereby jointly and severally agree with the Owner that every claimant as herein defined, who has not been paid in full before the expiration of a period of ninety (90) days after the date on which the last of such claimant's work or labor was done or performed, or materials were furnished by such claimant, may sue on this bond for the use of such claimant, prosecute the suit to final judgment for such sum or sums as may be justly due claimant, and have execution thereon. The owner shall not be liable for the payment of any costs or expenses of any such suit.

No suit or action shall be commenced hereunder by any claimant:

1. Unless claimant, other than one having a direct Contact with the Contractor, shall have given written notice to any two of the following: The Contractor, the Owner, or the Surety above named, within ninety (90) days after such claimant did or performed the last of the work or labor, or furnished the last of the materials for which said claim is made, stating with substantial or furnished the last of the materials for which said claim is made, stating with substantial accuracy the amount claimed and the name of the party to whom the materials were furnished, or for whom the work or labor was done or performed. Such notice shall be served by mailing the same by registered mail or certified mail, postage prepaid, in an envelope addressed to the Contractor, Owner, or Surety, at any place where an office is regularly maintained for the transaction of business, or served in any manner in which legal process may be served in the state in which the aforesaid project is located, save that such service need not be made by a public officer.

2. After the expiration of one (1) year following the date on which Contractor ceased work on said Contract, it being understood, however, that if any limitation embodied in this bond is prohibited by any law controlling the construction hereof, such limitation shall be deemed to be amended so as to be equal to the minimum period of limitation permitted by such law.

3. Other than in a state court of competent jurisdiction in and for the County or other political subdivision of the state in which the project, or any part thereof, is situated or in the United States District Court for the district in which the project, or any part thereof, is situated, and not elsewhere.

D. The amount of this bond shall be reduced by and to the extent of any payment or payments made in good faith hereunder, inclusive of the payment by Surety of Mechanic's Liens which may be filed on record against said improvement, whether or not claim for the amount of such lien be presented under or against this bond.

IN TESTIMONY WHEREOF, the Contractor has hereunto set their hand and the Surety caused these present to be executed in its name and its corporate seal to be affixed by its Attorney-in-Fact at

_____, on this _____ day of _____, 20_____

CONTRACTOR: _____ (Seal)

BY: _____

SURETY COMPANY _____

BY: _____
(Attorney-in-Fact)

BY: _____
(Missouri Representative)

company this bond with Attorney-In-Fact's authority from the Surety Company certified to include the
of this bond.)

ty Contact Name: _____ Phone Number: _____
ress: _____

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AFFIDAVIT OF COMPLIANCE WITH THE PREVAILING WAGE LAW

Before me, the undersigned Notary Public, in and for the County of _____

State of _____, personally came and appeared (name and title)

_____ of the (name of company)

_____ (a corporation) (a partnership) (a proprietorship)

and after being duly sworn did depose and say that all provisions and requirements set out in Chapter 290 Sections 290.210 through and including 290.340, Missouri Revised Statutes, pertaining to the payment of wages to workmen employed on public works projects have been fully satisfied and there has been no exception to the full and complete compliance with said provisions and requirements and with Wage Determination NO. _____ issued by the Division of Labor Standards on the _____ day of _____ 20____, in carrying out the Contract and work in connection with

(name of project) _____ located at

(name of institution) _____ in _____ County,

Missouri and completed on the _____ day of _____, 20_____.

Signature

Subscribed and sworn to me this _____ day of _____, 20_____.

My commission expires _____, 20_____.

Notary Public

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GENERAL SPECIFICATIONS

GENERAL SPECIAL PROVISIONS: Except as may be otherwise provided for by the **General Specifications, Technical Specifications, and Special Provisions**, the work shall be done in accordance with the **Boone County Roadway Regulations Chapter II** or the **MoDOT Standard Specifications**. Said Specifications are part and parcel of this Contract and are incorporated in this Contract as fully and effectively as if set forth in detail herein.

When an item is the subject of both the **Boone County Roadway Regulations Chapter II** and the **MoDOT Standard Specifications**, the **Boone County Roadway Regulations Chapter II** will govern the work.

SECTION 1. - DEFINITIONS

The following changes shall be made to Section 101. Definitions. and shall apply each time they occur in the "Missouri Standard Specifications for Highway Construction Current Edition" hereinafter the **MoDOT Standard Specifications**.

- A. Owner:** Shall mean the County of Boone as contracting agency acting by and through any of its authorized representatives.
- B. Commission:** Shall mean the Boone County Commission.
- C. Engineer:** Shall mean the Director of the Boone County Resource Management Department acting by and through any of his authorized representatives.

SECTION 2. - PROPOSAL REQUIREMENTS AND CONDITIONS

2.1 Interpretation of Proposed Quantities. The quantities appearing in the bid schedule are prepared for the comparison of bids and will be the basis for final payment to the Contractor, except where final measurements are to be made, as hereinafter provided. Payment will not be made for any work that does not meet with the approval of the Engineer. The scheduled quantities of work to be done and materials to be furnished may be increased, decreased, or omitted as hereinafter provided.

The Contractor agrees that he is fully informed regarding all of the conditions affecting the work to be completed, and labor and materials to be furnished for the completion of this Contract, and that his information was procured by personal investigation and research and not from any estimates of the Engineer; and that he will make no claims against the County by reason of estimates, test, or representation of any officer, agent, or employee of the County or the Engineer.

2.2 Proposal Guaranty. Each proposal shall be accompanied by a proposal guaranty. The character and the amount of the proposal guaranty to be furnished by Bidders shall be stated in the proposal for each project. The proposal guaranty shall be executed by some surety company authorized to do business in the State of Missouri, as a guarantee on the part of the Bidder that if his bid be accepted, he will within ten days after receipt of notice of such acceptance, enter into a contract and furnish a contract bond to do the work advertised; and, in case of default, forfeit such proposal guaranty.

2.3 Delivery of Proposals. Each proposal shall be submitted in a sealed envelope marked clearly to indicate its contents. All proposals shall be filed prior to the time and at the location specified in the Notice To Bidders. Proposals received after the time for opening of bids will be returned to the bidder unopened.

SECTION 3 - AWARD AND EXECUTION OF CONTRACT

3.1. Award of Contract. The Contract shall be awarded by the Boone County Commission and confirmed by a Commission Order to the lowest responsible Bidder within a reasonable length of time after opening of bids. The responsibility of the Bidder shall be determined by the Boone County Commission who will base its decision on, among other things, bidder's qualifications, previous work, and financial standing. The successful Bidder will be notified in writing, mailed to the address shown on the proposal, that his bid has been accepted and that he has been awarded the contract.

SECTION 4 - SCOPE OF WORK – This section has been left blank.

SECTION 5 - CONTROL OF WORK

5.1. Cooperation by Contractor. The Contractor will be supplied with four sets of approved plans and contract assemblies including special provisions. One set of approved plans and contract documents including special provisions shall be kept available on the job at all times.

5.2. Authority and Inspection. The Engineer has direct charge of the engineering details of each construction project. The Engineer has the authority to reject defective material and to suspend and reject any work that is being improperly performed.

5.3. Claims for Adjustment. If any conditions arise which in the Contractor's opinion will require him to make any claims or demands for extra or additional compensation above that fixed by the contract, or on which he contemplates bringing claims for such extra compensation, he shall promptly and before incurring any expenses, notify in writing the Engineer of the conditions and circumstances and that he proposes to make such claims. The Contractor agrees that any claims made without such advance notice, and not presented in such a way as to enable the Engineer to observe conditions as they occur and to verify expenses as they occur and to determine with certainty the correctness of such claims and of the expenses involved, are waived and shall be null and void. No extra compensation shall be awarded in any event without prior written approval of the County.

5.4. The Engineer will set initial field control consisting of bench marks and control monuments. The Contractor shall be responsible for the preservation of all bench marks and control monuments, and if any of these bench marks or control monuments are carelessly or willfully destroyed or disturbed, the cost of replacing them may be charged to the Contractor. These bench marks and control monuments will constitute the initial field control by and in accordance with which the Contractor shall establish other necessary controls and perform the work in the correct position to correspond to the information shown on the plans and given by the Engineer during the progress of the work. Elevations shown on the plans and referred to in the specifications are based on the bench marks shown. The Contractor shall employ competent personnel for making position, gradient, and alignment determinations and measurements.

SECTION 6 - CONTROL OF MATERIAL

6.1. Inspection and Certification. Unless otherwise specified, all materials shall be subject to visual inspection and job control test, as determined by the Engineer, and shall be certified by the Supplier that the material supplied conforms to the requirements of these specifications. All certifications shall make reference to the specific project and shall contain the Supplier's name and address.

6.2. Samples, Tests, and Cited Specifications. The Contractor shall submit certifications and substantiating test reports, furnished by the Supplier or Fabricator, certifying that material and manufacturing procedures conform to the specifications. All sampling and testing required by the specifications shall be performed by the Supplier in accordance with these specifications, and the results shall be signed, sealed and stamped according to laws related to professional engineers. There shall be no direct charge to the Owner for materials taken as samples, either for field tests or for laboratory tests. If a specification of a recognized national standard agency (ASTM, AASHTO, AWWA, AWS, etc.) is designated the material may, unless otherwise specified, meet either the designated specification or the latest revision thereof in effect at the time of letting of the contract.

SECTION 7 - LEGAL RELATIONS AND RESPONSIBILITY TO THE PUBLIC

Safety Provisions. Safety on the job is the Contractor's sole responsibility. The Contractor is responsible for proper barricades and/or fences to prevent injury to his or other personnel or the public, and shall leave such barricades and/or fences in place at any time he must be absent from the job site.

SECTION 8 - PROSECUTION AND PROGRESS

8.1. Except in connection with the safety or protection of persons or the Work or property at the site or adjacent thereto, and except as otherwise indicated in the contract documents, all Work at the site shall be performed during regular working hours, and the Contractor will not permit overtime work or the performance of Work on Saturday, Sunday or any legal holiday without Owner's written consent given after prior written notice to the Engineer.

8.2. Contractor shall notify the Engineer a minimum of forty-eight hours in advance of intent to perform Work.

SECTION 9 - MEASUREMENT AND PAYMENT

9.1. The Engineer will make payment estimates on or about the 1st and the 15th of each month of the work performed and the value thereof at the contract unit prices. The proper percentage with relation to completion will be allowed for all incomplete items.

9.2. No payments will be made on account of materials not yet incorporated into the work.

9.3. From the total amount of work items of each estimate, there will be deducted ten percent. The retained percentage will be released as provided in Section 9.13. The net amount due on the estimate will be certified to the County for payment. This method of retained percentage does not apply to work involving the planting of tree, shrubs and other plants.

9.4. Payment may be withheld or nullified in whole or part to such extent as may be necessary to protect the County from loss on account of:

- a. Failure to properly submit material certifications and substantiating test reports required under Section 6.1. and Section 6.2.
- b. Failure to properly submit certified copies of labor payrolls required under Section 10.
- c. Defective work not remedied.
- d. Failure of the Contractor to properly make payment to suppliers or subcontractors for material and/or labor.
- e. A reasonable doubt that the contract can be completed for the balance then unpaid.
- f. Damage to another Contractor.

9.5. If the plans have been altered or when disagreement exists between the Contractor and the Engineer as to the accuracy of the plan quantities, either party has the right to request a recomputation of contract quantities of excavation within any area by written notice to the other party. The written notice shall contain evidence that an error exists in the original ground line elevation or in the original computations which will materially affect the final payment quantity. If such final measurement is required, it will be made from the latest available ground surface and the design section.

9.6. Borrow quantities will not be measured. If additional fill material is required for the construction of embankment or for other proportions of the work, it shall be located, furnished, and hauled by the Contractor as necessary, and will be considered incidental to the portion of work. The Contractor shall be responsible for obtaining all necessary permits. No direct payment for locating, furnishing, hauling additional fill material or obtaining permits will be made.

9.7. Measured quantities of excavation will be used where the ground elevations show on the plans are found to be erroneous. No revision of contract quantities will be made if the actual ground elevations are considered to agree generally with the ground line shown on the plans. Where the Engineer authorizes a change in grade, slope, or typical section affecting the volume of excavation allowed for payment, the revised volume will be determined by the average end area method on the basis of the revised grade, slope, or typical section. Where unauthorized deviations result in a decrease in the contract quantities, the deviations will be measured and deducted from the contract quantity.

9.8. This section has been left blank

9.9. This section has been left blank

9.10. This section has been left blank

9.11. This section has been left blank

9.12. Payment for the removal and replacement of any unsuitable material will be at the contract unit price for additional depth dig-out repair.

9.13. Release of Retained Percentages:

9.13.1. Prior to any release of retained percentage the Contractor shall file with the County the following:

- a. An affidavit, to the effect that all payments have been made and all claims have been released for all materials, labor, and other items covered by the contract bond;

- b. Written consent of the surety to such payment;
- c. Lien Waivers signed by each supplier furnishing materials to the project releasing all claims to said materials; and
- d. Any other documents which may be required by the contract or the Engineer.

9.13.2. Each Contractor and Subcontractor shall file with the County, upon completion of the project and prior to final payment thereof, an affidavit stating that he has fully complied with the provisions and requirements of the Prevailing Wage Law and OSHA Training Requirements.

9.13.3. When the work has been completed and certified by the County, a final estimate will be executed and submitted, which will provide payment to the Contractor for the entire sum due him as set forth in these Specifications, including the amount previously retained by the County. All prior partial estimates and payments shall be subject to correction by the County in this final estimate and payment.

SECTION 10 - MATERIAL AND WORKMANSHIP

All materials provided by Contractor shall be new material of high quality which shall give long life and reliable operation. The workmanship shall be of high quality in every detail.

SECTION 11 - STATE WAGE RATE REQUIREMENTS

11.1. The Contractor and all Subcontractors shall maintain books, accounts, ledgers, invoices, drafts, documents, pages and other business records pertaining to the performance of the Contract with such materials available at the Contractor's field or permanent business offices at all reasonable times during the performance of the Contract and for four years from the date of final payment under the contract, for inspection by authorized representatives of the County and the Industrial Commission of Missouri.

11.2. The Contractor and all Subcontractors shall be required to submit to the Engineer one certified copy of labor payrolls and a weekly statement of compliance (Form WH-347) for each week that work is in progress, within seven days of the payment date of the payroll. If work is temporarily suspended, the last payroll shall be marked appropriately to note that it will be the last payroll until work is resumed.

11.3. The Contractor shall be responsible for the submittal of payrolls and certifications for all subcontractors.

11.4. The County will check payrolls, with the following checks being made to insure proper labor compliance:

- a. The employee's full name as shown on his/her social security card, his address and social security number shall be entered on each payroll.
- b. Check the payroll for correct employee classification.
- c. Check the payroll for correct hourly wage and, if applicable, the correct overtime hourly rate.
- d. Check the daily and weekly hours worked in each classification including actual overtime hours worked (Not adjusted hours).

e. All deductions are shown in the net wage shown. The Form WH-437 is to be used if fringe benefits are paid into established programs. However, if fringe benefits are paid in cash to the employee, the amount shall be indicated on the payroll.

f. All checking by the County will be made in red pencil and initialed by the checker.

g. Final payroll will be marked "Final" or "Last Payroll".

h. A record of all payrolls will be maintained by the County.

11.5. The contracts for construction projects require that certain information be displayed in a conspicuous place within the project limits for the duration of the contract. The following is a list of required information to be posted both on the project and in the Owner's office:

a. In the Owner's office:

1. Missouri Equal Employment Opportunity Notice.
2. PR-1022, Title 18, Section 1020, Notice on False Statements.

b. On the Project:

1. State Wage Rates Notice.
2. PR-1022, Title 18, Section 1020, Notice on False Statements.
3. Contractor's and Subcontractor's EEO Policy Statements and name, address and telephone number of designated EEO Officers.
4. Notice to Labor Unions of Contractors commitment to EEO (if applicable).
5. Notice requesting referral of minorities by present employees.

11.6. The Owner's personnel will generally conduct one wage rate interview on each project every two weeks. Labor interviews are not required on railroad and other utility adjustments. The interviewer will determine the employee's name, the employer's name, the classification of the employee, the actual wage paid, and the posted wage.

SECTION 12 - SPECIFICATIONS AND PLANS

The Contractor shall keep at the job-site a copy of the plans and specifications and shall at all times give the County and the Engineer access thereto. Anything mentioned in the specifications and not shown on the plans, or shown on the plans and not mentioned in the specifications, shall be of like effect as if shown or mentioned in both. In any case of discrepancy between the plans and the specifications, the matter shall be promptly submitted to the Engineer, who shall promptly make a determination in writing. Any adjustment or interpretation by the Contractor without this determination shall be at the Contractor's own risk or expense. The Engineer shall furnish from time to time such detail plans and other information as may be considered necessary, unless otherwise provided.

SECTION 13 - PROTECTION OF WORK

The Contractor shall take all necessary steps to protect his own workers, the utility personnel, and the public from unnecessary danger or hazard during the prosecution of this work. Danger signs, warning signs, flares, lanterns, railings, barriers, sheeting, shoring, etc., shall be erected to prevent accidents from construction, falling objects, rotating machinery, electric lines and other conditions which might prevent unusual hazard.

SECTION 14 - OVERHEAD LINE PROTECTION

The Contractor shall ascertain the presence and location of utilities within the work area. The Contractor shall notify and coordinate the utility that may be affected by the work.

The Contractor is aware of the provisions of the Overhead Power Line Safety Act, 319.075 to 319.090 RSMo, and agrees to comply with the provisions thereof. Contractor understands that it is their duty to notify any utility operating high voltage overhead lines and make appropriate arrangements with said utility if the performance of contract would cause any activity within ten feet of any high voltage overhead line. To the fullest extent permitted by law, Contractor shall indemnify, hold harmless and defend the County, its directors, officers, agents, and employees from and against all claims, damages, losses and expenses (including but not limited to attorney's fees) arising by reason of any act or failure to act, negligent or otherwise, of Contractor, of any subcontractor (meaning anyone, including but not limited to consultants having a contract with contractor or a subcontract for part of the services), of anyone directly or indirectly employed by contractor or by any subcontractor, or of anyone for whose acts the contractor or its subcontractor may be liable, in connection with any claims arising under the Overhead Power Line Safety Act. Contractor expressly waives any action for Contribution against the County on behalf of the Contractor, any subcontractor (meaning anyone, including but not limited to consultants having a contract with contractor or a subcontract for part of the services), anyone directly or indirectly employed by contractor or by any subcontractor, or of anyone for whose acts the contractor or its subcontractor may be liable, and agrees to provide a copy of this waiver to any party affected by this provision.

SECTION 15 - OSHA Program Requirements

The Contractor is familiar with the requirements of 292.675 RSMo. The Contractor shall provide a ten-hour Occupational Safety and Health Administration (OSHA) construction safety program for their on-site employees, subcontractors or others acting on behalf of Contractor on-site which meets the requirements of 292.675 RSMo.

The Contractor and each subcontractor shall keep accurate records of those employees who are working on-site and a record of each such employee's completion of the OSHA program, and certify compliance by affidavit at the conclusion of the project.

The Contractor shall forfeit as a penalty to the County the sum of Two Thousand Five Hundred Dollars (\$2,500.00) plus One Hundred Dollars (\$100.00) for each employee employed by the Contractor or subcontractor, for each calendar day, or portion thereof, such employee is found to be employed in violation of 292.675 RSMo. Said amounts shall be withheld from all sums and amounts due under this provision when making payments to the Contractor.

SECTION 16 - REPAIRS AND/OR REPLACEMENT OF DEFECTIVE PORTION

The Contractor shall be responsible for a period of one year from and after the date of final acceptance by the County of the work covered by this Contract, for any repairs or replacements caused by defective materials, workmanship or equipment which, in the judgment of the Engineer, shall become necessary during such period. The Contractor shall undertake with due diligence to make the aforesaid repairs and/or replacements within ten days after receiving written notice that such repairs or replacements are necessary. If the Contractor should neglect to begin such repairs or replacements within this period or in case of emergency, where, in the judgment of the Engineer, delay would cause serious loss or damage, the repairs and/or replacements may be pursued by the County and charged to the Contractor.

SECTION 17 - INTERFERENCE

All work scheduled by the Contractor shall be planned with the consent of the Engineer and shall not in any way interfere with any utility, highway, railroad, or private property unless consent is given by an authorized representatives or the County.

SECTION 18 - METHOD OF PAYMENT

The method of payment shall be as stipulated in the section titled "Contract Conditions" and contained elsewhere in these contract documents.

TECHNICAL SPECIFICATIONS

Except as may be otherwise provided for by the **General Specifications**, **Technical Specifications** and **Special Provisions**, the work shall be done in accordance with the **Boone County Roadway Regulations Chapter II** or the **MoDOT Standard Specifications**.

Said Specifications are part and parcel of this Contract and are incorporated in this Contract as fully and effectively as if set forth in detail herein. When an item is the subject of both the **Boone County Roadway Regulations Chapter II** and the **MoDOT Standard Specifications**, the **Boone County Roadway Regulations Chapter II** shall govern the work.

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SECTION 01010 – SUMMARY OF WORK

PART 1 – GENERAL

1.1 PROJECT SCOPE

The project scope is as specified in the Notice to Bidders for this Project.

1.2 RELATED DOCUMENTS

- A. Plans and general provisions of Contract, including General Specifications, Technical Specifications and Special Provisions.
- B. The Contractor **shall** keep at least one set of the plans and specifications available on the site at all times for construction purposes.
- C. The Contractor **shall** keep at least one copy of the **Boone County Roadway Regulations Chapter II** on site at all times for construction purposes.

1.3 CONTRACTOR USE OF PREMISES

- A. The Contractor shall comply with all laws, ordinances, rules, and regulations applicable to the work, including Corps of Engineers and Missouri Department of Natural Resources permits when applicable.
- B. The Contractor shall confine construction equipment, storage of materials, and the operation of workers to the project site and other areas identified by the Contract Documents.
- C. The Contractor shall at all times allow for ingress and egress through the project limits by the public.
- D. The Contractor shall keep the site free from accumulated waste materials, rubbish, and other debris during the progress of the work and shall leave the site in equal or better than original condition.
- E. The Contractor shall not load nor permit any part of any structure to be loaded in any manner that will endanger the structure, nor shall the Contractor subject any part of the work or adjacent properties to stresses or pressures that will endanger it.
- F. The means of the work and the safety of the Contractor's employees are solely the responsibility of the Contractor. The Contractor has contractual obligation to comply with all applicable laws and regulations including those of OSHA. At no time will the County take responsibility for either the means of the work or the safety of the Contractor's employees.

1.4 COORDINATION

- A. The work shall be constructed to accommodate the continuous ingress and egress to the abutting properties during the construction period. The Contractor shall coordinate the construction schedule and operations with the County.
- B. **The Contractor shall prepare a detailed Traffic Control/Phasing Plan if one is not included in the Project Plans and/or Details.** The phasing plan shall minimize times when sections of the roadway are completely closed. Twenty-four hours prior to any complete closure, the Contractor shall provide written notification to the abutting property owners in the immediate area and to the County.

- C. **The Contractor shall notify all utilities that may have facilities in the work area prior to starting work.** If utility services are encountered, the Contractor is responsible to have these services relocated if necessary or repaired if damaged. If a main line utility is in direct conflict to the proposed work, the Contractor shall report the conflict to the Engineer immediately. The Engineer will advise the Contractor how the conflict will be resolved. A direct conflict is defined as the existing utility occupying the exact location where the road is being constructed. Relocation and/or support of utilities which are near the construction location, but not direct conflict, shall be considered incidental to the work.
- D. The Contractor shall give the County **4 hour** notice to readiness for all required inspections, tests, or approvals, including startup or activation of system equipment.
- E. The Contractor shall restrict hours of operation from 7:00 am to 8:00 pm on Monday through Friday, except in the case of an emergency.

1.5 MEASUREMENT AND PAYMENT

Measurement and payment of the work is outlined in the individual sections of the technical portion of the project specifications and is listed on the bid document. The work will be paid for on a lump sum or unit price basis as designated in the Bid Form. **If work is not directly listed on the Bid Form, it shall be considered incidental to the total project.**

PART 2 – PRODUCTS (NOT USED)

PART 3 – EXECUTION (NOT USED)

END OF SECTION

SECTION 01320 – SUBMITTALS

PART 1 – GENERAL

1.1 PROJECT DESCRIPTION

This section outlines the submittal procedures, construction progress schedules, proposed product list, shop Plans, product data, Manufacturers' instructions, and Manufacturers' Certifications.

1.2 SUBMITTAL PROCEDURES

- A. Transmit each submittal with Contractor's transmittal form.
- B. Identify Project, Contractor, Subcontractor or Supplier, pertinent drawing sheet and detail number, and specification section number, as appropriate.
- C. Apply Contractor's stamp, signed or initialed, certifying that review, verification of Products required, field dimensions, adjacent construction Work, and coordination of information, is in accordance with the requirements of the Work and Contract Documents.
- D. Schedule submittals to expedite the project and deliver to County. Coordinate submission of related items.
- E. Identify variations from Contract Documents and Product or system limitations which may be detrimental to successful performance of the completed Work.
- F. Provide space for review stamp by County.
- G. Revise and resubmit submittals as required. Identify all changes made since previous submission.
- H. Distribute copies of reviewed submittals to concerned parties. Instruct parties to promptly report inability to comply with provisions.
- I. Contractor shall allow 48 hours in his schedule for submittal review.
- J. Non-approved submittals shall be revised and resubmitted following the same procedure as the initial submission.
- K. Review and approval or acceptance of a submittal by the County does not relieve the Contractor of his responsibility under the Contract Documents.

1.3 CONSTRUCTION PROGRESS SCHEDULE

- A. Submit initial progress schedule at the Pre-construction Meeting. Schedule must be submitted prior to commencement of work.
 1. The Contractor shall coordinate all activities on the project;
 2. The Contractor shall notify the County 48 hours prior to the start of construction or a major increase/decrease in the work force; and
 3. The schedule shall take the form of a horizontal bar chart with a weekly breakdown of each operation or major specification section in chronological order. Alternate project management schedules with equal or greater detail will be allowed.
- B. Revise and resubmit schedules with each Application for Payment, identifying changes since previous version.
- C. Indicate estimated percentage for completion for each item of work at each submission.
- D. Indicate submittal dates required for shop Plans, product data, samples, and product delivery dates.

1.4 PROPOSED PRODUCT LIST

- A. Within 15 days after date of Notice to Proceed, submit complete list of major products proposed for use, with the name of manufacturer, trade name, and model number of each product.
- B. For products specified only by reference standards, give manufacturer, trade name, model or catalog designation, and reference standards.

1.5 SHOP PLANS

- A. Submit two copies plus a reproducible original to be returned to the Contractor. Submittal of shop Plans requiring preparation by a license engineer or architect shall carry an original seal and signature on the two copies and the reproducible original.
- B. After review, reproduce and distribute in accordance with Article on Procedures above and maintain copies of Record Documents required for Contract Close Out.

1.6 PRODUCT DATA

- A. Submit three copies plus the required copies to be returned to the Contractor.
- B. Contractor shall mark each copy to identify applicable products, models, options, and other data. Supplement manufacturer's standard data to provide information unique to this project.

1.7 MANUFACTURER'S INSTRUCTIONS

- A. Submit three copies plus the required copies to be returned to the Contractor.
- B. Submit manufacturer's printed instructions for delivery, storage, assembly, installation, start-up, adjusting, and finishing.
- C. Identify conflicts between manufacturer's instructions and contract documents.

1.8 MANUFACTURER'S CERTIFICATIONS

- A. When specified, submit manufacturer's certification to County for review, in quantities specified for Product Data.
- B. Indicate material or product conforms to or exceeds specified requirements. Submit supporting reference data, affidavits, and certifications as appropriate.
- C. Certifications may be recent or previous test results on material or product, but must be acceptable to the County.

1.9 SUBMITTAL

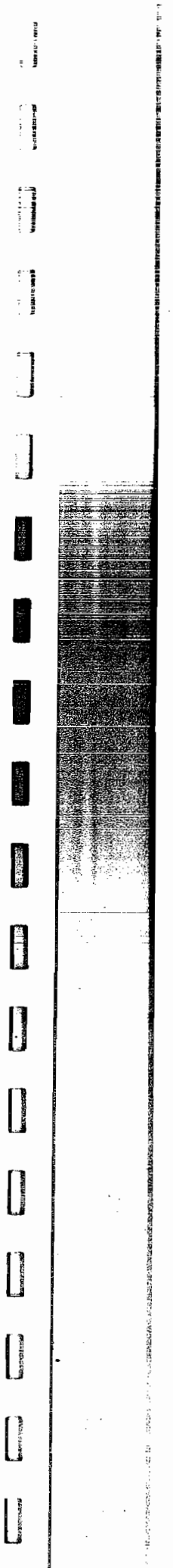
- A. The followings items shall require submittals:
 - 1. Section 01010-Traffic Control/Phasing Plan: Shop Plans;
 - 2. Section 01570-Erosion Control Fabric: Catalog, Material List, and Certification;
 - 3. Section 01590-Topsoil: Letter stating location of topsoil source;
 - 4. Section 01590-Lime, Fertilizer, Seed and Mulch: Certification;
 - 5. Section 2330 – Aggregate: Certification;
 - 6. Section 02370-Graded Rip Rap: Certification;
 - 7. Section 02630-Pipe Material: Certification;
 - 8. Section 02739-Prime/Tack Coats: Certification;
 - 9. Section 02740-Asphaltic Concrete Mixes/Plant Mix Bituminous Mixes: Certification;
 - 10. Section 02750-Portland Cement Concrete: Certification;

11. Section 02770-Portland Cement Concrete: Certification;
12. Section 02773-Portland Cement Concrete: Certification;
13. Section 02775-Portland Cement Concrete: Certification;
14. Fencing: Wire and Posts: Certification;
15. Geotextile Fabrics: Certification;
16. Special Provisions-All submittal items listed.

PART 2 – PRODUCTS (NOT USED)

PART 3 – EXECUTION (NOT USED)

END OF SECTION



SECTION 01412 – STORMWATER POLLUTION PREVENTION PLAN (SWPPP) COMPLIANCE

PART 1 – GENERAL

1.1 PROJECT DESCRIPTION

The Contractor is responsible for complying with all requirements of the Stormwater Pollution Prevention Plan (SWPPP) for this Project.

1.2 GENERAL

- A. Boone County will provide the Stormwater Pollution Prevention Plan (SWPPP) for the Project and the land disturbance permit sign.
- B. The Contractor shall be responsible for designating an erosion control inspector for the Project and installing and maintaining the land disturbance permit sign on-site.
- C. The Contractor shall be responsible for ensuring the designated erosion control inspector is responsible for:
 - 1. Conducting construction site inspections once per week minimum and within a time period not to exceed 48 hours following any storm event resulting in runoff on site. Written reports of each inspection are required.
 - 2. Reporting any non-compliance findings to the site manager.
 - 3. Updating the SWPPP with modifications to and/or addition of the proposed Best Management Practices (BMPs) that are necessary to prevent sediment/pollution from leaving the construction site.
- D. The Contractor shall be responsible for spill controls on the construction site including:
 - 1. Furnishing and storing on-site all appropriate spill cleanup supplies.
 - 2. Posting manufacturer's recommended methods for spill cleanup.
 - 3. Educating all site personnel on spill cleanup procedures and the location of the cleanup supplies and cleanup method information.
- E. The Contractor shall be responsible for completing sections of the SWPPP requiring Contractor input prior to construction.
- F. The Contractor shall be responsible for completing and signing the General Contractor's Certification section and having each subcontractor fill in and sign the Subcontractor's Certification section of the SWPPP.
- G. The Contractor or his designee shall be responsible for attending County provided stormwater or erosion control training sessions that are given during the Project.
- H. The Contractor shall be responsible for keeping the SWPPP on-site in a secure location that can be easily accessed with Contractor assistance by Boone County or any other regulatory inspection staff.
- I. The Contractor shall be responsible for providing a complete copy of the SWPPP with all amendments and site inspection reports to Boone County at no additional cost when the land disturbance permit is closed out upon final site stabilization.

1.3 METHOD OF MEASUREMENT AND BASIS OF PAYMENT

No measurement of SWPPP Compliance will be made. The Contractor will include all labor and material costs in the Lump Sum bid price for SWPPP Compliance on the Bid Form.

PART 2 – PRODUCTS (NOT USED)

PART 3 – EXECUTION (NOT USED)

END OF SECTION

SECTION 01450 – QUALITY CONTROL AND TESTING

PART 1 – GENERAL

1.1 PROJECT DESCRIPTION

The Contractor is responsible for quality assurance, control of the installation of the improvements, field sampling, inspecting and testing services, manufacturers' field services, and reports.

1.2 GENERAL

- A. The County shall be allowed access to all parts of the work and shall be furnished with information and assistance, by the Contractor, as required to make a complete and detailed inspection.
- B. Control of Materials shall comply with **Section 100** of the **Boone County Roadway Regulations Chapter II**.

1.3 QUALITY ASSURANCE CONTROL OF INSTALLATION

- A. It is the Contractor's responsibility to monitor quality control over suppliers, manufacturers, products, services, site conditions, and workmanship to produce work of quality equal or exceeding that specified.
- B. The Contractor shall comply with specified standards as defined as the minimum quality for the work.
- C. All work shall be performed by persons qualified to produce workmanship of specified quality.
- D. The Contractor shall follow manufacturer's recommendations for installation.

1.4 INSPECTION AND TESTING SERVICES

- A. The Contractor shall give the County's representative a **4 hour** notice of readiness for all required inspections, tests, or approvals.
- B. Testing will conform to the current standard specified to assure quality.
- C. **The inspection and testing fees will be responsibility of the Contractor.** There shall be no direct charge to the County for materials taken as samples, either for field tests or for laboratory tests.

PART 2 – PRODUCTS (NOT USED)

PART 3 – EXECUTION (NOT USED)

END OF SECTION

SECTION 01500 – TEMPORARY FACILITIES AND CONTROLS

PART 1 – GENERAL

1.1 SECTION INCLUDES

- A. Sanitary Facilities: Contractor must follow the rules and regulations of the Department of Natural Resources.
- B. Temporary Controls: Barriers, enclosures and fencing, protection of the Work, and water control.
- C. Construction Facilities: Access roads, parking, progress cleaning, and project signage.

1.2 BARRIERS

- A. The Contractor shall provide barriers to prevent unauthorized entry to construction areas and to protect existing facilities and adjacent properties from damage from construction operations.
- B. The Contractor shall provide barricades required by governing authorities for public right of way and for public access to adjacent properties.
- C. The Contractor shall provide protection to plant life designated to remain and shall replace damaged plant life.
- D. The Contractor shall protect vehicular traffic, stored materials, and structures from damage.
- E. The Contractor shall provide fencing at any open excavations that are left unattended and at other locations as necessary to protect the work and the public.

1.3 WATER CONTROL

The Contractor shall grade the site to drain and maintain the excavations free of water. The Contractor shall provide, operate, and maintain pumping equipment.

1.4 ACCESS ROADS

- A. The Contractor shall construct and maintain temporary roads accessing the public through the construction area and maintain construction access for unimpeded traffic flow.
- B. The Contractor shall provide and maintain access to fire hydrants and keep the hydrants free from obstructions.
- C. The Contractor shall provide means of removing mud from vehicle wheels before entering the streets.
- D. The Contractor shall arrange for temporary parking areas to accommodate construction personnel. Letter authorizing such action must be submitted to the County.

1.5 REMOVAL OF UTILITIES, FACILITIES, AND CONTROLS

- A. The Contractor shall remove temporary above ground or buried utilities, equipment, facilities, materials, prior to substantial completion.
- B. The Contractor shall clean and repair damage caused by installation of temporary facilities.
- C. The Contractor shall restore the existing facilities used during construction to original conditions.

END OF SECTION

SECTION 01550 – TEMPORARY TRAFFIC CONTROL

PART 1 – GENERAL

1.1 PROJECT DESCRIPTION

The Contractor is responsible for the placement, maintenance, and removal of traffic control devices required for this Project.

1.2 GENERAL

- A. Placement and maintenance of Traffic Control Devices shall conform to **MoDOT Section 616** and the Typical Traffic Control Details provided in the Project Plans and Details.
- B. Local traffic shall be continuously maintained on public roadway unless specific permission is granted by the County to close the roadway for a particular operation.
 - 1. If permission is granted for roadway closure, the Contractor shall provide 24 hour notification to the Joint Communications.
 - 2. The Contractor shall notify these entities upon reopening the roadway to traffic.
- C. The Contract indicates the minimum requirements for traffic control. The requirements of this specification shall not relieve the Contractor of his responsibility to protect the public.

1.3 MAINTENANCE

The Contractor shall provide a contact responsible for 24-hour maintenance of signage and traffic control devices. Phone numbers for the contact shall be provided to the County.

1.4 METHOD OF MEASUREMENT AND BASIS OF PAYMENT

No measurement of traffic control devices will be made under this Contract. Payment for traffic control devices will be made at the Lump Sum contract price under Traffic Control on the Bid Form. The price shall include all labor and materials required to place, maintain, and remove devices.

PART 2 – PRODUCTS

2.1 MATERIALS

- A. Signs, cones, drums, barricades, object markers, flashing arrow panels, channeling devices, lights, and other traffic control devices shall conform to **Part 6** of the **MUTCD**.
- B. Flashing Electric Light shall conform to **MoDOT Section 616.2.1. (If Required)**

PART 3 – EXECUTION

3.1 GENERAL

- A. Placement, removal, and maintenance of Traffic Control Devices shall conform to **MoDOT Sections 616.3 through 616.3.6**.
- B. During periods of no work, the Contractor shall provide Type 2 Barricades with Flashing Lights at any open trench abutting the roadway surface at 25-foot maximum centers.
- C. Signage for specific construction operations is not listed, but shall be provided by the Contractor in accordance with the **MUTCD**.

END OF SECTION

SECTION 01570 – EROSION CONTROL

PART 1 – GENERAL

1.1 PROJECT DESCRIPTION

This work shall consist of furnishing, installing, maintaining and removing temporary pollution, erosion and sediment control measures; furnishing, installing, maintaining and removing intermediate pollution, erosion and sediment control measures; furnishing and installing permanent erosion control measures; or a combination of all as shown on the Plans or as designated by the engineer.

1.2 GENERAL

- A. The Contractor shall exercise effective management practices throughout the life of the project to prevent the discharge of silt or polluted storm water from the construction site. Such practices may involve the construction of temporary berms, dikes, dams, sediment basins, slope drains, and use of temporary mulches, seeding or other control measures necessary.
- B. Pollutants such as chemicals, fuels, lubricants, bitumen, raw sewage or other harmful material shall not be discharged on or from the project. Temporary pollution control measures, such as storage and handling of petroleum products and other pollutants, shall be coordinated with temporary, intermediate and permanent erosion control measures that ensure economical, effective and continuous erosion and pollution control.
- C. The Contractor shall furnish and install temporary, intermediate and permanent erosion control measures as shown and/or noted on the Plans. The County may require additional erosion control measures to be installed by the Contractor, if needed to adequately prevent the discharge of silt and polluted storm water from the site.
- D. Erosion control measures shall comply with the **Boone County Stormwater Ordinance**.

1.3 METHOD OF MEASUREMENT AND BASIS OF PAYMENT

- A. No final measurement of erosion control measures will be made. Plan quantity will be used as the basis of compensation unless additional measures are authorized to be installed by the Engineer.
- B. Payment for erosion control measures will be included in the contract bid price as follows:
 1. Erosion Control paid per Lump Sum as indicated on the Bid Form
 2. Erosion Control Blankets paid per installed Square Yard, based on **6.5' width**
- C. No measurement of erosion control maintenance will be made under this Contract. Payment will be incidental to Erosion Control.

PART 2 – PRODUCTS

2.1 TEMPORARY BERMS

Materials shall be in accordance with **Section 277** of the **Boone County Roadway Regulations Chapter II**.

2.2 TEMPORARY SLOPE DRAINS

Materials shall be in accordance with **Section 278** of the **Boone County Roadway Regulations Chapter II**.

2.3 TEMPORARY DITCH CHECKS

Materials shall be in accordance with **Section 279** of the **Boone County Roadway Regulations Chapter II**.

2.4 SEDIMENT BASINS

Materials shall be in accordance with **Section 280** of the **Boone County Roadway Regulations Chapter II**.

2.5 TEMPORARY SILT FENCE

Materials shall be in accordance with **Section 283** of the **Boone County Roadway Regulations Chapter II**.

2.6 TEMPORARY PIPE

Materials shall be in accordance with **Section 284** of the **Boone County Roadway Regulations Chapter II**.

2.7 TEMPORARY SEEDING AND MULCHING

Materials shall be in accordance with **Section 01590 - Restoration** of these Specifications.

2.8 EROSION CONTROL BLANKETS

- A. Temporary Blankets: **North American Green S150 Short-Term Blankets**, or approved equal.
- B. Light Weight Blankets: **North American Green SC150 Extended-Term Blankets, Landlok CS2**, or approved equal.
- C. Heavy Weight Blankets: **North American Green C350 Permanent Blankets, Landlok 435**, or approved equal.
- D. Staples: Wire staples as recommended by the Manufacturer.

PART 3 – EXECUTION

3.1 TEMPORARY BERMS

Installation shall be in accordance with **Section 277** of the **Boone County Roadway Regulations Chapter II**.

3.2 TEMPORARY SLOPE DRAINS

Installation shall be in accordance with **Section 278** of the **Boone County Roadway Regulations Chapter II**.

3.3 TEMPORARY DITCH CHECKS

Installation shall be in accordance with **Section 279** of the **Boone County Roadway Regulations Chapter II**.

3.4 SEDIMENT BASINS

Installation shall be in accordance with **Section 280** of the **Boone County Roadway Regulations Chapter II**.

3.5 TEMPORARY SILT FENCE

Installation shall be in accordance with **Section 283** of the **Boone County Roadway Regulations Chapter II**.

3.6 TEMPORARY PIPE

Installation shall be in accordance with **Section 284** of the **Boone County Roadway Regulations Chapter II**.

3.7 TEMPORARY SEEDING AND MULCHING

Installation shall be in accordance with **Section 01590 - Restoration** of these Specifications.

3.8 EROSION CONTROL BLANKET INSTALLATION

- A. Place seed mix, lime, and fertilizer prior to installing the blankets.
- B. Install the blankets per Manufacturer's recommendations including check slots and stapling materials.
- C. Install the blankets centered on flow line unless directed otherwise by Boone County.
- D. Anchor product so that a continuous contact with the soil surface is maintained.
- E. Maintenance: Inspect for erosion or undermining after storm events until vegetation is established. If erosion occurs, pull back that portion of the blanket, add tamped soil, reseed, and re-secure the blankets. If blankets should become damaged or dislocated, repair or replace as necessary.

END OF SECTION

SECTION 01590 – RESTORATION

PART 1 – GENERAL

1.1 PROJECT DESCRIPTION

The Contractor is responsible for installation of topsoil, lime, fertilizer, seed and mulch as shown and/or noted on the construction Plans and Specifications.

1.2 PERFORMANCE-BASED SPECIFICATION

- A. Restoration is a performance-based specification and bid item. The Contractor shall deliver permanent grass cover at a minimum of 70% density over 100% of the seeded area within 60 days of sowing.
- B. The seeded areas shall be maintained by the Contractor as necessary to assure permanent grass growth.
- C. During the one year correction period, if there are deficient areas where the grass died, where sheet and rill erosion occurred, or where gravel or other deleterious backfill material surfaces, upon notification by the County of such areas, the Contractor shall rework all such areas as necessary to bring the areas into conformance with the Specifications.
- D. In the event that upon notification of deficient areas, the Contractor fails to remedy the problems, the County shall have the work completed by other means and shall bill the charge against the Contractor's performance bond.

1.3 METHOD OF MEASUREMENT AND BASIS OF PAYMENT

- A. No final measurement of Restoration will be made. Plan quantity will be used as the basis of compensation unless additional restoration areas are authorized to be installed by the Engineer.
- B. Payment for Restoration will be paid per installed Acre or Lump Sum as indicated on the Bid Form.
- C. Lime, fertilizer and Type 3 Mulch will be considered incidental to Restoration. No separate payment will be made for lime, fertilizer and mulch.
- D. No measurement of Topsoil will be made under this Contract. Payment will be incidental to Restoration unless indicated on the Bid Form.
- E. Disturbed areas outside of the authorized construction limits shall be restored at the Contractor's expense.

PART 2 – PRODUCTS

2.1 TOPSOIL MATERIAL

- A. The source of topsoil material shall be furnished by the Contractor. The County shall approve the topsoil source prior to topsoil placement.
- B. Topsoil shall be fertile, friable, and loamy soil of uniform quality, without admixture of subsoil material, and **shall be free** from material such as hard clods, stiff clay, hardpan, partially disintegrated stone, pebbles larger than 1 inch in diameter, and any other similar impurities. Topsoil shall be relatively free from grass, roots, weeds and other objectionable plant material or vegetative debris undesirable or harmful to plant life or which will prevent the formation of suitable seedbed. **A minimum of 2" shall be placed on all disturbed areas unless indicated otherwise in the Plans or Special Provisions.**

2.2 LIME

- A. Lime shall be pelletized bagged lime or an agricultural lime with not less than 90 percent passing the No. 8 sieve and containing not less than 65 percent calcium carbonate equivalent.
- B. Agricultural lime shall be furnished from a source that has been tested and certified in accordance with the Missouri Agricultural Liming Materials Act. The quantity of material required to provide the specified pounds of effective neutralizing material (E.N.M.) per acre shall be determined from the producer or distributor's certification of analysis furnished by the Director of the Missouri Agriculture Experiment Station, Columbia, Missouri in accordance with the Missouri Agricultural Liming Materials Act. The Contractor shall provide a copy of this certification to the engineer prior to application.
- C. If agricultural lime is furnished as a bagged product, pelletized or otherwise, with a guaranteed product analysis shown on the bag listing the elemental properties and gradation, the E.N.M. shall be provided to the engineer. Material may be accepted on the basis of bag label analysis.

2.3 FERTILIZER

Fertilizer shall be a standard commercial product which, when applied at the proper rate, will supply the quantity of total nitrogen (N), available phosphoric acid (P_2O_5) and soluble potash (K_2O), required to meet the performance requirements of **Paragraph 1.2** of this Specification Section. Material may be accepted on the basis of bag label analysis or supplier's certification and shall comply with all applicable Missouri fertilizer laws.

2.4 SEEDING MIX

- A. Seed shall comply with the requirements of the Missouri Seed Law. Commercially available seed will be permitted, however, the percentages for purity and germination as certified by the supplier shall be subject to the approval of the Engineer.
- B. The Contractor shall submit the supplier's certifications to the engineer. Seed may be accepted on the basis of bag labels. If seed is accepted on the basis of bag labels, the Contractor shall retain the bag labels and shall write a letter to the Engineer stating the amount and type of seed.
- C. **Permanent Seeding** mixture shall match the existing grass type for each property within the project limits. **No wheat will be allowed as part of the permanent seeding mixture.**
- D. **Temporary Seeding** mixture shall be determined by the Contractor as required to adequately perform as a temporary erosion and sediment control measure.

2.5 TYPE 1 MULCH

- A. Vegetative mulch consisting of prairie hay or straw from oats, rye, wheat, or barley.
- B. Prairie Hay shall consist of any combination of Big Bluestem, Little Bluestem, Indian Grass, Sideoats Grama, and native wildflowers.
- C. Mulch shall be free of prohibited weed seed as stated in the Missouri Seed Law and shall be relatively free of all other noxious and undesirable seed.
- D. Mulch shall be clean and bright, relatively free of foreign material and be dry enough to spread properly.

2.6 TYPE 3 MULCH

- A. Vegetative mulch with overspray consists of Type 1 Mulch as defined in **Section 2.5** of this Specification Section and overspray material consists of virgin wood cellulose fibers or recycled slick paper.

- B. Virgin Wood Cellulose Fibers shall be produced by either the ground or cooked fiber process and shall have a moisture content of 15 percent by weight.
- C. Recycled Slick Paper shall be produced from printer's slick paper containing wood cellulose and kaolin clay. Recycled newsprint or cardboard are not allowed, The material shall be free of other materials or filler and shall have maximum moisture content of 8 percent by mass and a pH between 4.5 and 6.5.
- D. The overspray shall not contain any germination or growth inhibiting substances.
- E. The overspray shall be green in color after application and shall be evenly dispersed and suspended when agitated in water.
- F. The overspray shall form an absorbent cover, allowing percolation of water to the underlying soil.
- G. The mulch shall be packaged in moisture resistant bags with the net weight of the packaged material plainly shown on each bag.
- H. The mulch fibers shall not be water soluble.

PART 3 – EXECUTION

3.1 SEEDBED PREPARATION AND TOPSOIL

- A. Avoid preparing the seedbed under excessively wet conditions.
- B. The surface on which the topsoil is to be placed shall be free from rills, washes and depressions, and shall conform to the cross section shown on the Plans. It shall be free of all loose rock and foreign material greater 1 inch. The surface shall be loosened with a disk, ripper, chisel, harrow or rake to a minimum depth of 2 inches just prior to being covered with topsoil.
- C. Topsoil shall be placed and spread to a minimum depth as specified in **Paragraph 2.1.B** of this Specification Section after settling over all disturbed areas not being paved. After spreading, all large clods and foreign material shall be removed by the Contractor.

3.2 LIME

- A. Lime should be applied per soil test recommendations. Soils with a pH of six or higher need not be limed.
- B. When soil tests are not available, lime shall be applied evenly at a rate determined by the Contractor to meet the performance requirements of **Paragraph 1.2** of this Specification Section.
- C. Lime shall be thoroughly mixed into the soil to a minimum depth of 3 inches no more than 48 hours before the seed is sown unless authorized by the engineer.

3.3 FERTILIZER

- A. Fertilizer should be applied per soil test recommendations.
- B. When soil tests are not available, the Contractor shall determine the fertilizer grade and spread rate necessary to meet the performance requirements of **Paragraph 1.2** of this Specification Section.
- C. Fertilizer shall be applied evenly and thoroughly mixed into the soil to a minimum depth of 3 inches no more than 48 hours before the seed is sown unless authorized by the engineer.
- D. Lime and fertilizer shall be applied separately, but may be incorporated into the soil in one operation.

3.4 SEEDING

- A. **Permanent Seeding** mix shall be applied evenly at a rate determined by the Contractor to meet the performance requirements of **Paragraph 1.2** of this Specification Section.
- B. **Temporary Seeding** mix shall be applied evenly at a rate determined by the Contractor as required to adequately perform as a temporary erosion and sediment control measure.
- C. Apply seed evenly with a broadcast seeder, drill, cultipacker seeder, or hydroseeder. Plant seed $\frac{1}{4}$ to $\frac{1}{2}$ inches deep.
- D. Harrow, rake, or drag a chain to lightly incorporate broadcast seed. Mulch all seeded areas.
- E. Maintenance: Check seeding within 4 to 6 weeks of planting to determine if stands are of adequate thickness. Fertilize, reseed, and mulch bare and sparse areas.

3.5 TYPE 1 AND TYPE 3 MULCH APPLICATIONS

- A. All mulch shall be distributed evenly over the areas to be mulched within 24 hours following seeding operations.
- B. Following mulching operations, precautions shall be taken to prohibit foot or vehicular traffic over the mulched areas.
- C. Type I Mulch shall be applied evenly at a rate determined by the Contractor to meet the performance requirements of **Paragraph 1.2** of this Specification Section.
- D. Type 3 Mulch overspray shall be hydraulically applied over the vegetative mulch as a separate operation at a rate determined by the Contractor to meet the performance requirements of **Paragraph 1.2** of this Specification Section.
- E. Overspray mulch shall be mixed with water in a manner to provide a homogeneous slurry. The slurry mix shall be agitated during application to keep the ingredients thoroughly mixed.
- F. Maintenance: Any mulch that is displaced shall be replaced after the damaged area has been restored.

END OF SECTION

SECTION 01600 – PRODUCT REQUIREMENTS

PART 1 – GENERAL

1.1 PROJECT DESCRIPTION

This section includes product descriptions, product transportation and handling, and product storage and protection.

1.2 PRODUCT DESCRIPTION

- A. Products mean new material, machinery, components, equipment, fixtures, and system forming the work. It does not include machinery and equipment used for preparing, fabricating, conveying, and erecting of the work. Products may also include existing materials or components required for reuse.
- B. Do not use materials and equipment removed from existing premises, except as specifically permitted by the Contract documents.

1.3 TRANSPORTATION AND HANDLING

- A. Transport and handle products in accordance with Manufacturer's instructions.
- B. Promptly inspect shipments to assure that products comply with requirements, quantities are correct, and products are undamaged.
- C. Provide equipment and personnel to handle products by methods to prevent soiling, disfigurement, or damage.

1.4 STORAGE AND PROTECTION

- A. Store and protect products in accordance with Manufacturer's instructions, with seals and labels intact and legible. Store sensitive products in weather-tight, climate controlled enclosures.
- B. For exterior storage of fabricated products, place on sloped supports, above ground.
- C. Provide off-site storage and protection when site does not permit on-site storage or protection.
- D. Cover products subject to deterioration with impervious sheet covering. Provide ventilation to avoid condensation.
- E. Store loose granular materials on solid flat surfaces in a well-drained area.
- F. Provide equipment and personnel to store products by methods to prevent soiling, disfigurement, or damage.
- G. Arrange storage of products to permit access for inspection. Periodically inspect to assure products are undamaged and are maintained under specified conditions.

PART 2 – PRODUCTS (NOT USED)

PART 3 – EXECUTION (NOT USED)

END OF SECTION

SECTION 01720 – CONSTRUCTION STAKING

PART 1 – GENERAL

1.1 PROJECT DESCRIPTION

The Contractor is responsible for the detailed construction staking required to construct all improvements shown on the Plans.

1.2 GENERAL

- A. Boone County will provide the horizontal and vertical survey control points shown on the Plans. The Contractor shall be responsible for maintaining all survey control points throughout the project. The Contractor shall reimburse Boone County to replace control stakes that are damaged or destroyed after construction has begun.
- B. The Contractor shall be responsible for retaining the services of a Professional Land Surveyor, licensed to practice in the State of Missouri, to provide construction staking necessary to assure that construction of the proposed improvements is occurring in the correct location.
- C. The Contractor shall be responsible for retaining the services of a Professional Land Surveyor, licensed to practice in the State of Missouri, to replace any property corner monuments, monuments associated with the United States Public Land System, or survey related monuments that are disturbed during construction. The Contractor shall notify Boone County in writing prior to removal or disturbance of any such corners or monuments.

1.3 METHOD OF MEASUREMENT AND BASIS OF PAYMENT

No measurement of Construction Staking will be made. The Contractor will include all labor and material costs in the Lump Sum bid price for Construction Staking on the Bid Form.

PART 2 – PRODUCTS (NOT USED)

PART 3 – EXECUTION (NOT USED)

END OF SECTION

SECTION 01780 – PROJECT CLOSEOUT

PART 1 – GENERAL

1.1 PROJECT DESCRIPTION

This section outlines the procedures for pre-final inspection, final inspection and final acceptance.

1.2 PRE-FINAL INSPECTION

- A. When the Contractor considers the entire work to be complete in accordance with the Contract Documents and ready for its intended use, the Contractor shall notify the County in writing that the entire work is complete and request a Pre-Final Inspection from the County.
- B. Upon receipt of the written request, the County will schedule a Pre-Final Inspection to be held at the construction site with the County Inspector(s), County Project Manager and Contractor representatives present. The work will be inspected and any remaining punch list items will be discussed and agreed to by both parties.
- C. Following the Pre-Final Inspection, the County will issue a written response to the Contractor indicating one of the following:
 1. The County agrees the entire work is complete.
 2. The County does not consider the entire work to be complete and ready for its intended use based on the reasons given in the response. The Contractor will then need to complete the specified items and request another Pre-Final Inspection.
- D. Contract Time will not be charged between the day after the date of the Pre-Final Inspection request and the date of the County's written response following the Pre-Final Inspection. Contract Time will resume on the day after the date of the County's written response and continue until the date of the Contractor's written request for Final Inspection unless indicated otherwise in the County's response.

1.3 FINAL INSPECTION

- A. When the Contractor considers the entire work to be complete, including all punch list items identified in the Pre-Final Inspection, the Contractor shall make a written request to the County for a Final Inspection.
- B. Upon receipt of the written request, the County will schedule a Final Inspection to be held at the construction site with the County Inspector(s), County Project Manager and Contractor representatives present. The work will be inspected and any punch list items will be discussed and agreed to by both parties.
- C. Following the Final Inspection, the County will issue a written response to the Contractor indicating one of the following:
 1. The County agrees the entire work is complete.
 2. The County does not consider the entire work to be complete based on the reasons given in the response. The Contractor will then need to complete the specified final inspection punch list items and request another Final Inspection.

- D. Contract time will not be charged between the day after the date of the Final Inspection request and the date of the County's written response following the Final Inspection.
 - 1. If the County agrees the entire work is complete, Contract Time will stop.
 - 2. If the County identifies final inspection punch list items, the Contract Time will resume on the day after the date of the County's written response and continue until the date of the Contractor's written request for another Final Inspection unless indicated otherwise in the County's response.

1.4 Application for Final Payment

- A. Once the County agrees the entire work is complete, the Contractor may make an application for final payment.
- B. The application for final payment shall follow all applicable final payment and final documentation procedures described in the Contract Conditions, Sections 9, 11 and 15 of the General Specifications, and any project specific items mentioned in the Special Provisions or at the Pre-Construction Meeting.

PART 2 – PRODUCTS (NOT USED)

PART 3 – EXECUTION (NOT USED)

END OF SECTION

SECTION 02220 – REMOVALS

PART 1 – GENERAL

1.1 PROJECT DESCRIPTION

The Contractor is responsible for the removal and disposal of existing materials as shown by the construction plans.

1.2 GENERAL

- A. All roadway edges shall be graded to allow for positive drainage from roadway. No shoulder or in-slope shall be allowed to remain higher than roadway unless approved by BCPW.
- B. It is the intent that the removals be complete and adequate for the intended purpose. This work shall include the removal of all items, whether in view or hidden underneath the surface of the ground, regardless of whether shown on the Plans or encountered during construction.
- C. The Contractor shall comply with all local, state, and federal requirements regarding materials, methods of work, and disposal of excess and waste materials.
- D. The Contractor shall erect barriers and shoring to protect personnel, structures, and utilities remaining intact. The Contractor shall protect on-site trees and plants noted on Plans and all off-site trees and plants from damage.

1.3 METHOD OF MEASUREMENT AND BASIS OF PAYMENT

No measurement of removals will be made. The Contractor will include all labor and material costs in the Lump Sum bid price for Removals on the Bid Form.

PART 2 – PRODUCTS (NOT USED)

PART 3 – EXECUTION

3.1 PREPARATION

- A. Prior to work under this section, the Contractor shall inspect the entire site and verify with the County all objects designated to be removed or to be preserved.
- B. The Contractor shall locate existing utility lines and services traversing the site and determine the requirements for their protection. The Contractor shall preserve in operating condition all active utilities traversing the site.

3.2 CONSTRUCTION LIMITS

- A. The Contractor's operations shall be restricted to areas inside and near the right-of-way and or drainage easements or temporary construction easements as indicated on the Plans.
- B. Damage by the Contractor outside the construction easements shall be repaired at no additional expense to the County.

3.3 EXISTING SIGNAGE

The Contractor shall remove all traffic signs in conflict with the work and shall be responsible to replace said signage once work is complete, but prior to opening the road.

END OF SECTION

SECTION 02230 – SITE CLEARING AND GRUBBING

PART 1 – GENERAL

1.1 PROJECT DESCRIPTION

The Contractor is responsible for the work necessary to clear the site of existing trees, debris, and vegetation as designated in the Plans.

1.2 METHOD OF MEASUREMENT AND BASIS OF PAYMENT

No measurement of site clearing will be made. Removal and disposal of the trees, debris, and vegetation in the construction area or as indicated in the Plans will be included in site clearing. The Contractor will include all labor and material costs in the Lump Sum bid price for Removals.

PART 2 – PRODUCTS (NOT USED)

PART 3 – EXECUTION

3.1 CLEARING AND GRUBBING

- A. Clearing and grubbing shall comply with **Section 200** of the **Boone County Roadway Regulations Chapter II**.
- B. Removed materials shall be disposed of off the site and not allowed to accumulate on the premises.

END OF SECTION

SECTION 02300 – EXCAVATION AND EMBANKMENT

PART 1 – GENERAL

1.1 PROJECT DESCRIPTION

Providing labor, materials, equipment, and supervision necessary to complete the following:

1. Grade subsoil and conform to grades, contours, and levels as shown on the Plans,
2. Rough grading (excavation and compaction) for roadway and areas designated on the Plans,
3. Cut compaction,
4. Embankment and compaction for fill areas, and
5. Finished grade subsoil.

1.2 SITE COMPACTION TESTING

- A. ***All embankment material placed and/or cut compaction areas shall be tested by an independent testing laboratory selected by the Contractor and approved by the Engineer. All payment for costs associated with this testing shall be the Contractor's responsibility and shall be included in the contract Lump Sum price for Compaction Testing on the Bid Form. The independent testing laboratory shall furnish written documentation to the Owner certifying that the embankment placed and/or cut compaction is engineered fill meeting the specified compaction requirements. The written certification shall be prepared and sealed by a Professional Engineer licensed in the State of Missouri.***
- B. If tests indicate that compacted materials do not meet specified requirements, the Contractor shall remove defective work and replace at no cost to the County.

1.3 METHOD OF MEASUREMENT AND BASIS OF PAYMENT

- A. No final measurement of excavation, cut compaction and embankment will be made. Plan quantity will be used as the basis of compensation unless:
 1. Errors are found in the original quantity or surface elevations shown on the Plans;
 2. An authorized change is made to the typical section or grade; or
 3. Rock is encountered.
- B. Payment for all soil excavation shall be included in the contract Cubic Yard bid price for Excavation on the Bid Form and shall include disposal of any excess or unsuitable material.
- C. Payment for all cut compaction shall be considered incidental to the bid price for Excavation unless a separate bid item for Cut Compaction is included on the Bid Form.
- D. Payment for all fill placement shall be included in the contract Cubic Yard bid price for Embankment and shall include placement of topsoil.
- E. Payment for all rock excavation shall be included in the contract Cubic Yard bid price for Rock Excavation on the Bid Form. If a bid price for Rock Excavation is not included on the Bid Form and rock is encountered during construction, a unit price per cubic yard shall be negotiated and approved by Change Order. **To qualify for payment, the County shall be notified immediately if rock is encountered.**

PART 2 – PRODUCTS

2.1 MATERIALS

- A. Excavation and embankment materials shall comply with **Section 201** of the **Boone County Roadway Regulations Chapter II**.
- B. Cut compaction materials shall comply with **Section 203** of the **Boone County Roadway Regulations Chapter II**.

PART 3 – EXECUTION

3.1 GENERAL

- A. Excavation and embankment execution shall comply with **Section 201** of the **Boone County Roadway Regulations Chapter II**. Except that all embankment and cut compaction shall be compacted to 95% of maximum density, obtained at the optimum moisture content, as determined by AASHTO Method T-99-38. Field moisture content shall be within +/- 2% of optimal moisture at time of placement.
- B. No backfill material containing rock, debris from rock excavation, or concrete with particle sizes having a maximum dimension larger than 3" shall be placed in the upper 18 inches of the embankment.
- C. Cut compaction execution shall comply with **Section 203** of the **Boone County Roadway Regulations Chapter II**.
- D. Rock excavation is not anticipated on this Project unless indicated on the Plans or Bid Form. **The County shall be notified immediately if rock is encountered during excavation.**

END OF SECTION

SECTION 02335 – SUBGRADE

PART 1 – GENERAL

1.1 PROJECT DESCRIPTION

The Work consists of the preparation of subgrade under roadway surface.

1.2 METHOD OF MEASUREMENT AND BASIS OF PAYMENT

All costs pertaining to the preparation and restoration of subgrade shall be considered incidental to Excavation or Embankment.

PART 2 – PRODUCTS (NOT USED)

PART 3 – EXECUTION

3.1 INSTALLATION

Subgrade installation shall comply with **Section 205** of the **Boone County Roadway Regulations Chapter II**.

END OF SECTION

SECTION 02337 – DIG OUT REPAIR

PART 1 – GENERAL

1.1 PROJECT DESCRIPTION

The Work consists of saw cutting of existing pavement, removal of failed roadway and replacement.

1.2 METHOD OF MEASUREMENT AND BASIS OF PAYMENT

- A. All costs pertaining to the preparation and restoration of Dig Out Repair shall be paid by the Square Yard as per the Bid Form.
- B. All work will be measured in the field for final quantities.

PART 2 – PRODUCTS

2.1 MATERIALS

- A. Materials for base rock shall be Type 2, 1 1/2" minus in conformance with **Section 210** of the **Boone County Roadway Regulations Chapter II**.
- B. Acceptance of quality and size of material may be made by visual inspection at the job site.
- C. The woven geotextile fabric shall be a **Mirafi 600X**, **Geotex 315ST**, or approved equal.
- D. Materials for Bituminous Base shall be in conformance with **Sections 02739 & 02740 of these Specifications**.

PART 3 – EXECUTION

3.1 INSTALLATION

- A. Saw cut area as directed by on-site inspector. **See Plans and Details**.
- B. Remove area to a minimum depth of 16" & compact soil/rock.
- C. Lay Geotextile fabric over excavated area as per detail.
- D. Place 12" of Type 2, 1 1/2" minus in conformance with **Section 212** of the **Boone County Roadway Regulations Chapter II** compacted in 6" maximum lifts. When unsuitable materials are encountered below the 16" minimum depth, material shall be removed and replaced with the same aggregate base and compacted in a maximum of 6" lifts.
- E. Place 4" of Bituminous Base, 4" lift maximum on primed base rock as per **Section 225** of the **Boone County Roadway Regulations Chapter II**.

END OF SECTION

SECTION 02370 – ROCK BLANKET

PART 1 – GENERAL

1.1 PROJECT DESCRIPTION

The Work consists of the installation of rock blankets for erosion control at culvert outlets and other locations as designated on the Plans.

1.2 METHOD OF MEASUREMENT AND BASIS OF PAYMENT

No final measurement of rock blanket will be made. Payment for rock blanket shall be included in the Contract Cubic Yard, Square Yard or Ton bid price for Type 1, Type 2 or Type 3 Rock Blanket. The required geotextile fabric will be considered incidental to the rock blanket.

PART 2 – PRODUCTS

2.1 MATERIALS

- A. Materials for Type 1 or Type 2 Rock Blanket shall be in conformance with **Section 213** of the **Boone County Roadway Regulations Chapter II**.
- B. Materials for Type 3 Rock Blanket shall be a standard 6" x 12" graded rip rap or approved equal.
- C. Acceptance of quality and size of material may be made by visual inspection at the job site.
- D. The required geotextile fabric shall be AMOCO 4553 nonwoven geotextile fabric or approved equal.

PART 3 – EXECUTION

3.1 INSTALLATION

- A. Excavate to a depth as noted on the plans at each location.
- B. Lay geotextile fabric over excavated area.
- C. Place rock to the specified thickness, elevation, and extent. Eliminate large voids.
- D. Complete the finished surface of the blanket to present an appearance free from segregation with a proportionate quantity of the larger pieces showing.
- E. Installation shall be similar to **Detail 530.03** in the **Boone County Roadway Regulations Chapter II** or as shown on the Plans and Details.

END OF SECTION

SECTION 02630 – STORM DRAINAGE

PART 1 – GENERAL

1.1 PROJECT DESCRIPTION

The work consists of the installation of roadway, driveway and storm sewer drainage pipes, culverts and concrete drainage structures.

1.2 SUBMITTALS

Manufacturer's specifications and/or catalog data listing for pipe and special items.

1.3 METHOD OF MEASUREMENT AND BASIS OF PAYMENT

- A. Measurement and payment of storm sewer drainage pipe and culvert placement, completed in place, will be made to the nearest foot along the flow line of the pipe for that designated size and material of pipe or culvert. Transitional ditch grading required within 10 feet of the pipe inlet and/or outlet shall be considered incidental to the pipe installation unless noted otherwise on the Plans or in the Special Provisions.
- B. Measurement and payment for materials and installation of Type M inlets shall be included in the per Each bid price for the various sizes of Standard Type M Inlet and Type M Inlet With Deflectors as indicated on the Bid Form.
- C. Measurement and payment for materials and installation of side opening inlets shall be included in the per Each bid price for the various sizes of Side Opening Inlet as indicated on the Bid Form.
- D. Measurement and payment for materials and installation of junction boxes shall be included in the per Each bid price for the various sizes of Junction Box as indicated on the Bid Form.
- E. No direct payment will be made for excavation, bedding or backfill of storm sewer drainage pipes and structures or mitering culverts. Rock tickets shall be submitted to inspector for verification of bedding and backfill materials.

PART 2 – PRODUCTS

2.1 MATERIALS

- A. Corrugated metal (CMP) storm sewer drainage pipes and culverts shall conform to **Section 260** of the **Boone County Roadway Regulations Chapter II** for the material type and size indicated on the Plans.

Except:

1. ***Aluminized corrugated metal pipes are allowed.***
 2. ***All roadway pipes and stormwater pipes shall be polymeric coated or aluminized.***
 3. ***Driveway pipes may be zinc coated, aluminized or polymeric coated.***
- B. Corrugated metal connecting bands shall be a minimum of 2 feet in length and shall conform to **Section 260** of the **Boone County Roadway Regulations Chapter II**.
 - C. High density polyethylene (HDPE) storm sewer drainage pipes shall be corrugated with a smooth interior wall and shall conform to **Section 730** of the **MoDOT Standard Specifications**.
 - D. Reinforced concrete (RCP) storm sewer drainage pipes and culverts shall conform to **Section 260** of the **Boone County Roadway Regulations Chapter II**.

- E. Concrete drainage structures, including Type M Inlets, Side Opening Inlets, Junction Boxes and Reinforced Concrete Boxes, shall conform to **Section 250** of the **Boone County Roadway Regulations Chapter II**.

PART 3 – EXECUTION

3.1 INSTALLATION

- A. Corrugated metal (CMP) storm sewer drainage pipes and culverts shall be installed as specified in **Section 260** of the **Boone County Roadway Regulations Chapter II**.
- B. High density polyethylene (HDPE) storm sewer drainage pipes shall be installed as specified in **Section 730** of the **MoDOT Standard Specifications**.
- C. Reinforced concrete (RCP) storm sewer drainage pipes and culverts shall be installed as specified in **Section 260** of the **Boone County Roadway Regulations Chapter II**.
- D. Concrete drainage structures, including Type M Inlets, Side Opening Inlets, Junction Boxes and Reinforced Concrete Boxes, shall installed as specified in **Section 250** of the **Boone County Roadway Regulations Chapter II**.
- E. Elevation of pipes and structures should be determined from the Construction Plans. Minimum depth of cover over pipes and pipe bedding and backfill material shall be per the manufacturer's recommendations or as specified on the Plans.

END OF SECTION

SECTION 02720 – AGGREGATE

PART 1 – GENERAL

1.1 PROJECT DESCRIPTION

The Work consists of the placement of aggregate consisting of Type 1 (Rolled Stone) aggregate base rock on a prepared subgrade; placement of Type 2 (Granular Base) aggregate base rock and placement of Surface Aggregate (Road Rock) as shown on the plans.

1.2 METHOD OF MEASUREMENT AND BASIS OF PAYMENT

- A. No final measurement of aggregate base course will be made. Plan quantity will be used as the basis of compensation unless:
 - 1. Errors are found in the original quantity or surface elevations shown on the Plans, or
 - 2. An authorized change is made to the typical section or grade.
- B. Payment for all aggregate base course will be included in the contract Square Yard bid price for the type and thickness of Aggregate Base Course on the Bid Form.
- C. Measurement of surface aggregates will be as follows: Delivery tickets displaying the net weight of delivered material, weighed by a Certified Scale, will be collected and used as the basis for payment for Surface Aggregate. However, no payment will be made for material placed that exceeds the limits shown on the plans, unless authorization is received by the Engineer prior to placement.
- D. Payment for all surface aggregate will be made at the contract per Ton bid price for Surface Aggregate, unless considered incidental to Square Yard bid price of driveway or roadway repairs.

PART 2 – PRODUCTS

2.1 MATERIALS

- A. The materials to be used will be Type 1 aggregate base (Rolled Stone) and Type 2 (Granular Base) aggregate, as specified in **Section 210** of the **Boone County Roadway Regulations Chapter II**.
- B. Surface Aggregate shall meet standard local quarry's specifications.

PART 3 – EXECUTION

3.1 INSTALLATION

Placement of all aggregates for roads and driveways shall comply with **Section 212** of the **Boone County Roadway Regulations Chapter II**.

END OF SECTION

SECTION 02739 – PRIME/TACK COATS

PART 1 – GENERAL

1.1 PROJECT DESCRIPTION

The Work consists of the application for prime/tack coats to a prepared surface prior to placement of asphaltic concrete pavement. **Prime coat required for all Bit. Base laid on aggregate base rock. Tack coat is required for all lifts unless otherwise directed by inspector or engineer.**

1.2 METHOD OF MEASUREMENT AND BASIS OF PAYMENT

- A. No final measurement of prime/tack coat will be made.
- B. Payment for all prime/tack coat will be considered incidental to asphaltic concrete pavement.

PART 2 – PRODUCTS

2.1 MATERIALS

The materials and equipment for placement shall conform to **Section 223** of the **Boone County Roadway Regulations Chapter II**.

PART 3 – EXECUTION

3.1 INSTALLATION

Preparation of base and placement of prime coat shall comply with **Section 223** of the **Boone County Roadway Regulations Chapter II** and the **MoDOT Standard Specifications**.

END OF SECTION

SECTION 02740 – ASPHALTIC CONCRETE PAVING

PART 1 – GENERAL

1.1 PROJECT DESCRIPTION

The Work consists of the placement of asphaltic concrete in one or more courses on a prepared base or underlying course in conformity with the line, grade, thickness, and typical cross section as shown on the Plans or described details.

1.2 METHOD OF MEASUREMENT AND BASIS OF PAYMENT

- A. Asphaltic concrete pavement will be measured and paid for by the laid Ton or Square Yard bid price for the various types and thickness of pavement as listed on the Bid Form.

1.3 QUALITY CONTROL

- A. Contractor shall be responsible to ensure all work meets specifications. No Exceptions

PART 2 – PRODUCTS

2.1 MATERIALS

- A. Materials and the composition of mixture for the Plant Mix Bituminous Base Course shall conform to **MoDot Section 401**.
- B. Materials and composition for the bituminous material and aggregate for asphaltic concrete shall conform to **MoDot Section 401**.
- C. Materials and composition for Surface Asphaltic Concrete Pavement shall conform to **MoDot Section 401**.

PART 3 – EXECUTION

3.1 INSTALLATION

Placement of asphaltic concrete pavement shall comply with **Section 222, 223, and 225** of the **Boone County Roadway Regulations Chapter II** and the **MoDOT Standard Specifications**.

END OF SECTION

SECTION 02741 – PAVING FABRIC

PART 1 – GENERAL

1.1 PROJECT DESCRIPTION

The contractor is responsible for installation of GlasPave25™, manufactured by Saint-Gobain Technical Fabrics or approved equal paving fabric, as indicated on the project plans.

1.2 METHOD OF MEASUREMENT AND BASIS OF PAYMENT

- A. The paving mat shall be paid for in accordance with these plans and specifications. The unit of measurement shall be paid for at the contract unit price per square yard installed in place. Overlaps in the paving mat will not be measured and included in the payment quantities.
- B. The accepted quantities subject to payment shall be paid for on the basis of furnishing all labor, materials (including asphalt tack coat), tools, equipment, and incidentals for performing the required work involved in furnishing and placing the mat, complete.

PART 2 – PRODUCTS

2.1 MATERIALS

- A. GlasPave25™ is a combination of fiberglass mesh embedded into high performance polyester mats.

1. Physical Properties

Property	Test Method	Units	Type I
Mass per Unit Area	ASTM D5261	grams/m ² (oz/yd ²)	135.6 (4.0)
Wide Width Tensile Strength, MD	ASTM D4595.86	kN/m (lbs/in)	25 min (140)
Wide Width Tensile Strength, CD	ASTM D4595.86	kN/m (lbs/in)	25 min (140)
Wide Width Elongation, MD	ASTM D4595.86	%	< 5.0
Melting Point	ASTM D276	°C (°F)	>232 (>450)
Asphalt Retention	Tex-616-J	liters/ m ² (gal/yd ²)	0.453 (0.10)
Shrinkage	Tex-616-J	%	0

- B. Tack Coats – Type AC-20 or PG64-22 shall be used. When ambient temperatures are above 90°F, the use of AC-30 or PG70-10 is recommended.
1. Application Rate – Optimum application rate is 0.15 gal/sq. yd. This rate can vary +/- 0.05 gal/sq. yd. depending on the condition of the existing surface. Tack coat coverage shall be across the full width of the paving mat and over any overlaps.

PART 3 – EXECUTION

3.1 INSTALLATION

- A. Vacuum or power broom all surfaces prior to spraying a tack coat and installing the paving mat. All surfaces must be free from dirt and loose debris.
- B. All cracks greater than 1/4 in. (6 mm) must be filled with approved crack sealant and all pot holes must be repaired.
- C. If finish or profile milling has been performed, a leveling course is typically not required prior to the placement of the paving mat. This will depend on the smoothness of the surface created during the milling operation and the specific interlayer material being placed. The milling equipment and operation shall have the capability to:
 - 1. Remove asphalt concrete to a minimum depth of 1/4 in. (6 mm).
 - 2. Provide a surface relief (distance between ridges) of no more than 1/4 in. (6 mm).
 - 3. Maintain a 1/4 in. (6 mm) grade tolerance over the surface (transverse and longitudinally).
 - 4. There shall be no more than 1/4 in. (6 mm) vertical height variation between planed and un-planed surfaces at the inside edge of conform and taper mills.
 - 5. If cold planing is performed, a leveling course is required prior to the placement of the paving mat.
 - 6. A leveling course is required over all Portland cement concrete prior to placement of the paving mat.
- D. A hot asphalt cement spray tack coat must be used prior to installing the paving mat. If a chip seal is placed on top of the paving mat, then either asphalt hot spray or emulsions can be used. In not situation shall cut backs or solvent based bitumen be used.
- E. The tack coat shall be applied by a motorized distributor (spreader) that has the capability of adjusting spray rates by 1/10 gal/sq yd. The valves on the distributor bar must fan in an overlap fashion at the recommended application rate.
- F. The recommended application is 0.15 gal/sq yd or 0.70 liters/m².
- G. If the tack coat must be placed by hand, then a spray can or squeegee should be used. This practice is not recommended and should only be considered for unique circumstances.
- H. The paving mat can be placed by tractor or a distributor truck with a fabric applicator attached to the back. A full width broom shall be attached to the applicator to push the paving mat into the tack coat. If the paving mat needs to be placed by hand, then it should be broomed into the hot tack coat. Any wrinkling must be repaired by slitting and lapping in the direction of the paving train.
- I. Asphalt concrete (AC) or chip seal (CS) should be placed the same day. Vehicular traffic shall be kept off the paving mat until the AC or CS is installed.

J. Surface and ambient temperature during fabric installation shall be warm enough to allow adequate "tack" from the asphalt binder to hold the paving fabric in place. A minimum temperature for application of most asphalt cement binders is approximately 50° F (10° C) and rising.

K. Overlaps

1. Transverse – minimum 3 in. (75mm), Longitudinal – minimum 2 in. (50 mm)
2. All Transverse overlaps should be "shingled" in the direction of the paving train.

L. Protection

1. Traffic – Only construction traffic should be allowed to run on the paving mat, and no traffic should be allowed on the tack coat.
2. All paving machines are allowed to run on the paving mat, however, all turns should be made gradually. All normally accepted paving operations, including belly dumps, etc., can be deployed. A nominal 2 in. (50 mm) asphalt overlay, with any location having a minimum compacted thickness of 1 1/2 in. (40 mm), is required. In the event that too much tack coat has been applied to the surface, then small quantities of asphalt concrete can be broadcast on the paving mat. Best practices used on any paving mat may be used on GlasPave25™.
3. Storage – The paving mat should be stored indoors prior to use.

END OF SECTION

SECTION 02750 – PORTLAND CEMENT CONCRETE PAVING

PART 1 – GENERAL

1.1 PROJECT DESCRIPTION

The work consists of the placement of Portland cement concrete paving at the width, thickness and locations indicated on the Plans.

1.2 SUBMITTALS

Certifications required shall be Manufacturer's Certification that materials meet specifications requirements and Ready Mix delivery tickets (ASTM C94).

1.3 QUALITY ASSURANCE

- A. Compressive strength testing per ASTM C94
- B. Thickness Tolerance – Deficiency shall not exceed 1/4 inch.
- C. The Contractor will be held responsible for the correct alignment, grade and contour specified. **Any spots higher than one-eighth (1/8) inch in ten (10) feet for concrete pavement shall be ground to the required surface by the Contractor at his own expense.**

1.4 METHOD OF MEASUREMENT AND BASIS OF PAYMENT

- A. Final measurement of Portland cement concrete paving shall be made in the field. All areas must be approved by on-site inspector before removal and replacement.
- B. Portland Cement Concrete Pavement will be measured and paid for on a Square Yard bid price as listed on the Bid Form.

PART 2 – PRODUCTS

2.1 MATERIALS

- A. Concrete used in the construction of portland cement concrete paving shall be **Class "A"** concrete, unless otherwise specified and all materials, proportioning, air-entraining, mixing, and transporting for Portland cement concrete shall be in accordance with **Section 230** of the **Boone County Roadway Regulations Chapter II**.
- B. Reinforcing steel shall conform to **Section 238** of the **Boone County Roadway Regulations Chapter II**.
- C. Joint materials shall conform to **Section 231** of the **Boone County Roadway Regulations Chapter II**.

PART 3 – EXECUTION

3.1 INSTALLATION

Placement of Portland cement concrete pavement shall comply with **Section 231** of the **Boone County Roadway Regulations Chapter II**.

END OF SECTION

SECTION 02770 – CONCRETE CURB AND GUTTER

PART 1 – GENERAL

1.1 PROJECT DESCRIPTION

The work consists of the placement of concrete curb and gutter at the width, thickness and locations indicated on the Plans.

1.2 SUBMITTALS

Certifications required shall be Manufacturer's Certification that materials meet specifications requirements and Ready Mix delivery tickets (ASTM C94).

1.3 QUALITY ASSURANCE

- A. Compressive strength testing per ASTM C94
- B. Thickness Tolerance – Deficiency shall not exceed 1/4 inch.

1.4 METHOD OF MEASUREMENT AND BASIS OF PAYMENT

- A. Final measurement of concrete curb and gutter shall be made in the field. All areas must be approved by on-site inspector before removal and replacement.
- B. Concrete Curb and Gutter will be measured and paid for on a Linear Feet or Square Yard bid price as listed on the Bid Form.

PART 2 – PRODUCTS

2.1 MATERIALS

- A. Concrete used in the construction of concrete curb and gutter shall be **Class "A"** concrete, unless otherwise specified and all materials, proportioning, air-entraining, mixing, and transporting for Portland cement concrete shall be in accordance with **Section 230** of the **Boone County Roadway Regulations Chapter II**.
- B. Reinforcing steel shall conform to **Section 238** of the **Boone County Roadway Regulations Chapter II**.
- C. Joint materials shall conform to **Section 231** of the **Boone County Roadway Regulations Chapter II**.

PART 3 – EXECUTION

3.1 INSTALLATION

Placement of concrete curb and gutter shall comply with **Section 232** of the **Boone County Roadway Regulations Chapter II**.

END OF SECTION

SECTION 02773 – CONCRETE DRIVEWAY

PART 1 – GENERAL

1.1 PROJECT DESCRIPTION

The work consists of the placement of concrete driveway at the thickness and locations indicated on the Plans.

1.2 SUBMITTALS

Certifications required shall be Manufacturer's Certification that materials meet specifications requirements and Ready Mix delivery tickets (ASTM C94).

1.3 QUALITY ASSURANCE

- A. Compressive strength testing per ASTM C94
- B. Thickness Tolerance – Deficiency shall not exceed 1/4 inch.

1.4 METHOD OF MEASUREMENT AND BASIS OF PAYMENT

- A. Final measurement of concrete driveway shall be made in the field. All areas must be approved by on-site inspector before removal and replacement.
- B. Concrete Driveway will be measured and paid for on a Square Yard bid price as listed on the Bid Form.

PART 2 – PRODUCTS

2.1 MATERIALS

Concrete used in the construction of concrete driveway shall be **Class "A"** concrete, unless otherwise specified and all materials, proportioning, air-entraining, mixing, and transporting for Portland cement concrete shall be in accordance with **Section 230** of the **Boone County Roadway Regulations Chapter II**.

PART 3 – EXECUTION

3.1 INSTALLATION

Placement of concrete driveway shall comply with **Section 237** of the **Boone County Roadway Regulations Chapter II**.

END OF SECTION

SECTION 02775 – CONCRETE SIDEWALK

PART 1 – GENERAL

1.1 PROJECT DESCRIPTION

The work consists of the placement of concrete sidewalk at the width, thickness and locations indicated on the Plans.

1.2 SUBMITTALS

Certifications required shall be Manufacturer's Certification that materials meet specifications requirements and Ready Mix delivery tickets (ASTM C94).

1.3 QUALITY ASSURANCE

- A. Compressive strength testing per ASTM C94
- B. Thickness Tolerance – Deficiency shall not exceed 1/4 inch.

1.4 METHOD OF MEASUREMENT AND BASIS OF PAYMENT

- A. Final measurement of concrete sidewalk shall be made in the field. All areas must be approved by on-site inspector before removal and replacement.
- B. Concrete Sidewalk will be measured and paid for on a Square Yard bid price as listed on the Bid Form.

PART 2 – PRODUCTS

2.1 MATERIALS

Concrete used in the construction of concrete sidewalk shall be **Class "A"** concrete, unless otherwise specified, and all materials, proportioning, air-entraining, mixing, and transporting for Portland cement concrete shall be in accordance with **Section 230** of the **Boone County Roadway Regulations Chapter II** with the additional requirement that the amount of chert in crushed limestone aggregate shall not exceed two percent (2%) by weight..

PART 3 – EXECUTION

3.1 INSTALLATION

Placement of concrete sidewalk shall comply with **Section 234** of the **Boone County Roadway Regulations Chapter II**.

END OF SECTION

SPECIAL PROVISIONS

MECHANICALLY STABILIZED FILL SYSTEM

PART 1 – GENERAL

1.1 PROJECT DESCRIPTION

Work shall consist of furnishing materials and the construction of a Mechanically Stabilized Fill (MSF) System meeting the approval of the owner.

PART 2 – PRODUCTS

2.1 MATERIALS

2.1.1 Geotextile. All geotextile shall be prequalified and approved before the contract is awarded. To apply for prequalification or prequalification requirements, the supplier or manufacturer shall submit a request to the owner along with certification that the geotextile has a wide width tensile strength of 2400 lbs per foot in both directions as per ASTM D-4595. The following systems are pre-qualified and may be used:

Basetex:

Tensar Corporation
2500 Northwinds Parkway
Suite 500
Alpharetta, GA 30009

phone: 770-344-2090
fax: 678-281-8546
email: info@tensarcorporation.com

TenCate Mirafi HP-Series:

TecCate
1 Hall Avenue
Latham, NY 12110

phone: 518-728-8031
fax: 518-218-9232
email: j.folts@tencate.com

StrataGrid:

Strata Systems Inc.
380 Dahlonega Rd, Suite 200
Cumming, GA 30040

phone: 800-680-7750
fax: 770-888-6680
email: strata@geogrid.com

2.1.2 Granular Fill Material.

2.1.2.1 Granular fill material for MSF shall conform to the following requirements.

2.1.2.2 Granular fill material shall be clean and crushed angular stone conforming to the following gradation limits:

Sieve Size	Percent Passing
3/4 inch (19 mm)	75-100
No. 4 (4.75 mm)	20-55
No. 40 (425 μ m)	0-30
No. 200 (75 μ m)	0-5

Granular fill material meeting the open-graded backfill specifications of AASHTO No. 89 or AASHTO No. 67 are also acceptable.

2.2.1.3 The Plasticity Index, as determined by AASHTO T-90, shall not exceed 6.

2.2.1.4 The angle of internal friction for the granular fill material shall be no less than 38 degrees. No testing will be required if the granular fill consists entirely of crushed limestone. When testing is required, testing shall be in accordance with Sec 1010.3.5.

2.2.1.5 The material shall substantially be free of shale or other soft, poor durability particles and shall have a magnesium sulfate soundness loss of less than 30 percent after four cycles as determined by AASHTO T-104.

2.2.1.6 Backfill materials shall meet the following electrochemical requirements:

Requirements	Test Methods
pH 4.5-9.5	California DOT 643
Organic Content < 1%	California DOT 643
Chlorides < 100 ppm	California DOT 422
Sulfates < 200 ppm	California DOT 417

2.2.1.7 The contractor shall furnish to the owner a Certificate of Compliance certifying the selected granular fill material complies with this section of the specifications. A copy of test results from an approved laboratory testing the material for all of the above requirements shall also be furnished to the owner. Tests shall apply specifically to the material being used and shall not be more than twelve months old, if previously tested for another job and still applicable.

2.2.1.8 Acceptance will be based on the Certificate of Compliance, accompanying test reports, and any applicable tests performed by the owner or its representative.

PART 3 – EXECUTION

3.1 Delivery, storage, and handling of all MSF materials shall comply with requirements set forth in the Missouri Standards Specifications for Highway Construction.

3.2 Subgrade surfaces beneath the MSF Systems shall be level, free from deleterious materials, loose or otherwise unsuitable soils. Prior to placement of geotextile and granular fill material, the subgrade shall be proof-rolled to provide a uniform and firm surface. Any soft areas, as determined by the owner, shall be excavated and replaced with suitable compacted materials. Foundation surface shall be inspected and approved by the owner prior to fill placement. Benching the backcut into competent soil is recommended to improve stability.

3.3 Geotextile shall be installed within the layers of the compacted granular fill material in accordance with the manufacturer's recommendations and as shown on the plans. Geotextile is to extend the lengths as shown on the plans unless otherwise directed by the owner. Any required laps of geotextile to cover each lift of granular fill shall be done in accordance with the manufacturer's recommendations.

3.4 Backfill shall be placed, spread, and compacted in such a manner to minimize the development of wrinkles and/or displacement of the geotextile. Placement of fill from fill face of end bent towards the end of wings may be one way to minimize wrinkles. Granular soils shall be compacted in a maximum loose lift thickness of 8 inches. The top layer of the geotextile shall be 2 to 4 inches below the asphalt base course. Backfill shall be compacted to at least 95 percent of the maximum density determined in accordance with AASHTO T-99. With the approval of the owner, density testing of the granular fill material can be omitted if sufficient density is achieved with 3 to 5 passes of a walk-behind vibratory plate compactor within 3 feet of the fill face and wings and by a ride-on vibratory roller in other areas. Backfill shall be graded away from the slope crest and rolled at the end of each work day to prevent ponding of water on surface of the MSF. Tracked construction equipment shall not be operated directly upon the geotextile. A minimum fill thickness of 6 inches is required prior to operation of tracked vehicles over the geotextile. Turning of tracked vehicles shall be kept to a minimum to prevent tracks from displacing the fill and the geotextile. If approved by the owner and subject to satisfactory performance, rubber-tired equipment may pass over the geotextile at speeds no greater than 10 mph. Sudden braking and sharp turning shall be avoided. Separation geotextile meeting Sec 1011 requirements shall be used as directed by the owner to encapsulate the MSF Systems when the geotextile for the MSF is deemed incapable of suitably retaining the granular fill.

PART 5 - Method of Measurement.

5.1 Measurement of Mechanically Stabilized Fill (MSF) System is on a square yard basis for the area treated. The contractor should develop an independent analysis of materials and work effort required to construct the MSF system as shown on the plans and outlined in the Special Provisions.

5.2 Payment shall cover all MSF materials and installation. Excavation of any unsuitable materials and requirement with granular backfill, as directed by the owner will have no direct payment.

5.3 No final measurement will be taken of completed work unless either party has a concern about the actual area treated. Concerned party shall notify other party of concern, and together both parties will make measurement of actual area treated by MSF.

PART 5 - Basis of Payment. MSF system will be paid for at the contract unit price.

TOTAL SURFACE HYDRO-DEMOLITION

PART 1 – GENERAL

1.1 PROJECT DESCRIPTION

The work shall consist of surface preparation and removing concrete as required via Hydro-Demolition to a targeted depth of 0.5" of sound Concrete.

1.2 SUBMITTALS

Certifications required shall be Manufacturer's Certification that materials meet specifications and requirements.

PART 2 – PRODUCTS

2.1 MATERIALS

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

Item	Section
Concrete	501
Bridge Deck Concrete Wearing Surface	505
Concrete Bonding Compound and Epoxy Mortar	623
Gradation E Coarse Aggregate	1005
Type III Cement	1019
Water	1070

PART 3 – EXECUTION

3.1 SURFACE PREPARATION

On existing concrete decks with existing wearing surfaces, the wearing surface shall be removed in accordance with Sec 216. On existing concrete decks without existing wearing surfaces, the surface shall be scarified in accordance with Sec 216 if necessary.

3.2 Total Surface Hydro Demolition. This work shall consist of total surface hydro demolition over the entire top surface of the bridge deck to provide a highly rough and bondable surface, remove unsound concrete and to remove an additional depth of sound concrete as shown on the plans during the initial deck hydro demolition pass. Unsound concrete is defined as existing bridge deck concrete that is deteriorated, delaminated, spalled, or as determined by the engineer to be unacceptable. Sounding will be done after the deck is frost free and dried as specified below.

PART 4 – CONSTRUCTION REQUIREMENTS

4.1 Removal Requirements. Removal requirements shall be in accordance with Sec 704.

A. Total Surface Hydro Demolition Equipment. The computerized hydro demolition self propelled robotic equipment shall be capable of removing all unsound concrete during the initial pass, sound concrete to the specified depth with a highly rough and bondable surface and removing rust and concrete particles from exposed reinforcing bars. The robotic equipment shall be capable of removing concrete to within one inch of vertical surfaces. Only individuals who have passed rigorous training as recommended by the equipment manufacturer shall

operate the equipment. Hand held high pressure wands shall be used in areas that are inaccessible to the hydro demolition equipment, in preparing deck repair areas or areas that require minor trim work to remove remaining unsound concrete. All water used in hydro demolition shall meet the requirements for water used in mixing and curing concrete in accordance with Sec 1070. Stream or lake water will not be permitted.

(1) Vacuum System. When the contract documents require total surface hydro demolition with a vacuum system, the following shall be required of the total surface hydro demolition equipment. A vacuum or pump system shall be used closely behind the hydro demolition robot at all times and shall remove approximately 98 percent of the water from the hydro demolition robot during the hydro demolition process. The vacuum or pump equipment shall be capable of removing wet debris and water. Water collected during the vacuuming or pumping operation shall be discharged to the contractor's wastewater collection system and disposed of off the project site meeting the requirements of the environmental protection of Sec 107. Vacuum or pump equipment shall be of sufficient capacity to collect all hydro demolition concrete debris for a minimum of 2 hours of hydro demolition operation.

(2) The contractor shall take necessary precautions during hydro demolition to prevent damage to the remaining structure and adjacent property as a result of runoff. Slab drains receiving runoff from the contractor's operation shall be temporarily plugged. The discharge water shall not be released from the site until the broken concrete, aggregate and other settleable solids have been removed through filtration, sediment basins or other approved methods. The contractor shall control dust and run-off in accordance with applicable governmental agencies. Environmental protection shall be in accordance with Sec 107. Hydro demolition shall not impede or interfere with maintaining traffic. As necessary the contractor shall provide shielding to insure containment of all dislodged concrete within the removal area to protect the traveling public from flying debris. The contractor shall submit to the engineer for review the plan of collecting the wet debris and water 14 days prior to starting total surface hydro demolition.

(3) The contractor shall take steps to prevent damage to existing reinforcing steel and shall not place wheels from heavy equipment, such as vacuum trucks, on deck areas where top layer of slab reinforcement has been left unsupported by the hydro demolition process. Equipment shall be operated at speeds and in such a manner that no damage to the slab and girders occur. Any damage caused by the contractor's equipment shall be repaired at the contractor's expense.

(4) Vehicles other than approved construction equipment shall not be permitted on those sections of the deck where hydro demolition has begun. Contamination of the deck by construction equipment or from any other source shall be prevented.

- B. **Concrete Removal.** Concrete removal shall be in accordance with Sec 704
- C. **Reinforcing Bar Exposed.** Reinforcing bar exposed shall be in accordance with Sec 704.
- D. **Reinforcement Repair.** Reinforcement repair shall be in accordance with Sec 704.
- E. **Material Disposal.** All material removed shall be disposed of in accordance with Sec 202.

4.2 Preparation of Repair Area

- A. **Deck Preparation Requirements.** All construction debris, wearing surface removal

debris or scarifying debris, and dust shall be completely removed from the bridge deck prior to the commencement of total surface hydro demolition. Total surface hydro demolition shall consist of a continuous pass operation to remove an additional depth of sound concrete as shown on the plans, along with all deteriorated concrete in the deck

(1) The total surface hydro demolition equipment shall be calibrated on an area, as approved by the engineer, of sound concrete sufficient to demonstrate the desired surface removal and roughness. The total surface hydro demolition equipment shall then be moved to another location of equal area that is unsound, as approved by the engineer, to demonstrate the ability to remove all unsound concrete during the initial pass and providing a rough and bondable surface. A non-working technical field representative shall be present on the project site during the calibration and the hydro demolition surface preparation operation.

(2) If the equipment does not demonstrate the ability to produce the desired results, as determined by the engineer, the equipment shall be removed from the project site and the contractor shall provide other equipment for calibration and demonstration. No additional contract time or compensation will be allowed for remobilization and the recalibration process if required.

(3) The hydro demolition surface preparation may begin after the engineer has approved the second calibration and recorded the five settings below. The calibration and production settings shall be maintained and given to the engineer prior to and during hydro demolition surface preparation by the contractor. The contractor shall be required to change any of the above settings to maintain the desired result with approval of the engineer. When the designated level of removal is attained, the settings shall be recorded and maintained throughout the total surface hydro demolition operation.

Water Pressure Gauge
Minimum water usage
Machine staging control (step)
Nozzle size
Nozzle travel speed

(4) The calibration procedure specified shall be required on each structure for each time hydro demolition is performed. The depth of removal shall be recorded and monitor along the cutting path, and if necessary, the equipment recalibrated to insure the minimum removal of sound concrete to achieve required roughness for bond.

(5) Any unsound concrete or original deck surface found unsatisfactory after the initial hydro demolition surface preparation pass shall be removed or corrected by the contractor at no additional expense to the Commission, except as noted in full depth repair or repairing concrete deck (half-soling).

(6) The hydro demolition area shall be cleaned of all loose debris and other materials scheduled to be removed. The area shall be thoroughly cleaned using a high-pressure water blaster. The area shall be vacuumed immediately following the high-pressure water cleaning to remove debris and wastewater. Following the cleaning, the surface shall be free of all debris, loose material, slurry, cement paste and any other material that might interfere with the bond of the new concrete overlay to the satisfaction of the engineer.

PART 5 - Method of Measurement.

5.0 The extent of repair may vary from the estimated quantities, but the contract unit price shall prevail regardless of the variation. Final measurement will not be made for total surface hydro demolition with vacuum system except for authorized changes during construction or where appreciable errors are found in the contract quantity.

5.1 Where required total surface hydro demolition with vacuum system will be measured to the nearest square yard based on measurement longitudinally from end of slab to end of slab and transversely from roadway face of curb to roadway face of curb or edge of deck to edge of deck, minus 6 inches on each side for either.

PART 6- Basis of Payment.

6.1 Accepted quantities of repair will be paid for at the unit price for each of the pay items included in the contract. Payment for the above described work, including all material, equipment, labor and any other incidental work necessary to complete the items, will be considered completely covered by the contract unit price for the items included in the contract.

END OF SECTION

SPECIAL PROVISIONS

SECTION 02420 – LATEX MODIFIED CONCRETE

PART 1 – GENERAL

1.1 PROJECT DESCRIPTION

This work shall consist of constructing a wearing surface of latex modified concrete on a prepared surface in accordance with this specification with a target thickness of 1.5" (one inch above existing grade).

PART 2 – MATERIALS

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

Item	Section
Type I or II Cement	1019
Latex Emulsion Admixture	1054
Polyethylene Sheeting	1058
Water	1070

2.2 Aggregate shall be in accordance with Sec 505.10.2

2.3 Pozzoloanic material or Portland pozzolan cements shall not be used.

2.4 Latex admixture shall be kept in suitable enclosures that will protect it from freezing and from exposure to temperatures in excess of 85°F (30°C). Drums of latex admixture to be stored at the work site in direct sunlight shall be completely covered with a suitable insulating blanket material to maintain an enclosed temperature below 85°F (30°C).

PART 3 – CONCRETE MIXTURE

3.1 The proportions of cement, fine aggregate, coarse aggregate and latex emulsion admixture will be approved by the engineer and shall meet the following requirements:

Property	Specific Value
Air Content percent	0 to 6.5
Slump, inches (mm)	4 to 6 (100 to 150)
Percent Fine Aggregate as percent of total aggregate by absolute Volume	50 to 55
Cement Content, sacks/yd ³ (kg/m ³)	7.0 (390)
Latex Emulsion Admixture, gal/ sack (L/kg)	3.5 (0.31)
Net Water-Cement Ratio, max	0.40

A. Net water shall be considered the quantity of mixing water added, plus the non-solid portion of the latex emulsion.

3.2 Any change in mix design or proportions shall be approved by the engineer.

3.3 Anti-foam additives as recommended by the latex emulsion manufacturer may be required if the

concrete mixture entrains air is above the specified amount.

3.4 Air-entraining admixtures shall not be added.

PART 4 – TESTING

Testing will be done in accordance with Sec 505.10.4, except the slump test will be conducted 4 to 5 minutes after discharge from the mixer. During this waiting period, the concrete shall be deposited on the deck and shall not be disturbed.

PART 5 – MIXING

5.1 The concrete shall be volumetrically mixed at the bridge site by a continuous mixer in accordance with Sec 501. In addition to other requirements, the mixer shall provide positive control of the latex emulsion into the mixing chamber, and the latex emulsion shall calibrate to within ± 2 percent of that required. The mixer shall be capable of continuously circulating the latex emulsion and shall have a flow-through screen between the storage tank and the discharge.

5.2 The concrete discharged from the mixer shall be uniform in composition and consistency. Mixing capability shall be such that initial and final finishing operations can proceed at a steady pace. Final finishing shall be completed before the formation of a plastic surface film.

5.3 The moisture content of aggregate at the time of proportioning shall be such that water will not drain or drip from a sample. Coarse and fine aggregate shall be furnished and handled to avoid variations in the moisture content affecting the uniform consistency of the concrete

5.4 Each drum of latex admixture shall be mechanically agitated or hand rolled until thoroughly mixed prior to being introduced into the mixer storage compartment. Latex admixture that is stored in the mixer storage compartment overnight or during delays in mixing of four hours or more shall be agitated by at least two complete cycles in a continuous circulating pump or by mechanical means in the storage compartment. The flow through screen shall be cleaned immediately prior to beginning proportioning and as often as necessary thereafter. Latex admixtures of different brands shall not be combined together in any manner.

PART 6 - Surface Preparation.

Surface preparation shall be in accordance with Sec 505.10.6 except as noted.

6.1 Prior to scarifying or chipping on concrete adjacent to latex modified concrete, 96 hours of curing shall elapse. If practical, all scarifying by mechanical units shall be completed prior to placing any latex modified concrete, unless otherwise shown on the plans. Areas from which unsound concrete and patches have been removed shall be kept free of slurry produced by wet sawing or wet scarifying by planning the work such that this slurry will drain away from the completed areas of preparation.

6.2 On both old and new decks, within 24 hours prior to placing latex modified concrete, the entire surface shall be thoroughly cleaned by sandblasting followed by an air blast.

PART - 7 Finishing Equipment

7.1 Finish Machine. The finishing machine shall be self-propelled and shall be capable of forward and reverse movement under positive control, with a provision for raising all screeds to clear the screeded surface for traveling in reverse. A self-propelled finishing machine with one or more rollers, augers and 1500 to 2500 vpm vibratory pans shall be used. A drag float may be necessary. Any modifications will be subject to approval from the engineer.

7.2 Support Rails. Support rails shall meet Sec 505.10.7.4.

PART 8 - Placing and Finishing Concrete

Placing and finishing shall be in accordance with Sec 505.10.8 except as noted herein.

8.1 Prior to placement of latex modified concrete, the cleaned surface shall be thoroughly wetted for a minimum of three hours, then covered with polyethylene sheeting until time of concrete placement. The surface shall be damp at the time the overlay is placed. Any standing water in depressions, holes or areas of concrete removal shall be blown out with compressed air. No free water or puddles of standing water shall exist at the time of placement.

8.2 Expansion joints and dams shall be formed in the concrete overlay. Formation of the joint by sawing through the overlay will not be permitted.

8.3 Texturing shall occur immediately after finishing and before the plastic film forms on the surface. Texturing shall be performed in a manner to prevent pulling the concrete away from an existing vertical face. Care shall be taken not to texture too deep and not to tear the surface.

8.4 Screed rails and headers shall be separated from the newly placed material by passing a pointing trowel along the inside face. Metal expansion dams shall not be separated from the overlayment. The trowel cut shall be made for the entire depth and length of rails or headers after the mixture has stiffened sufficiently and shall prevent the concrete from flowing back into the cut.

8.5 During placement of the overlay, all joints with adjacent concrete shall be sealed with a mortar paste of equal parts cement and fine aggregate, using latex emulsion in lieu of mixing water.

8.6 The wet cure shall be applied promptly after the concrete has been placed on the deck without deforming the finished surface.

8.7 The surface shall receive a wet cure for at least 48 hours.

8.8 After placement and cure of the latex modified concrete, the finished deck will be tested to detect unbonded areas.

8.9 No surface sealing shall be applied to the latex modified concrete wearing surface

PART 9 - Limitations of Operations

9.1 No latex modified concrete shall be placed when the ambient or deck surface temperature is above 85 F (30 C). Deck temperature shall be determined in accordance with MoDOT Test Method TM 20.

9.2 No latex modified concrete shall be placed at ambient or deck surface temperatures below 45 F (7 C). Latex modified concrete shall be protected to maintain a minimum specified curing temperature of 45 F (7 C). Any concrete damaged by freezing or that is exposed to a temperature of less than 45 (7 C) during the first 8 hours after placement shall be removed and replaced at the contractor's expense.

9.3 The temperature of the latex modified concrete at time of placement shall be between 45 F (7 C) and 90 F (32 C). If either the aggregate or water is heated, the maximum temperature for each shall be 100 F (38 C) at the time of addition to the mix. Any method of heating during the mixing of concrete may be used provided the heating apparatus will heat the mass uniformly and avoid hot spots that will burn the material. Cement or aggregate containing lumps or crusts of hardened material or frost shall not be used.

9.4 No vehicular traffic shall be permitted on the latex modified concrete surface until the concrete is at least 96 hours old and has attained a minimum compressive strength of 3000 psi (21 MPa).

9.5 Concrete shall not be placed adjacent to a parallel surface course that is less than 96 hours old; however, this restriction will not apply to a continuation of placement in a lane or strip beyond a joint in the same lane or strip.

9.6 Preparation of the area, except scarifying, may be started in a lane or strip adjacent to a newly placed surface the day following the surface placement. If this work is started before the end of the 48-hour wet curing period, the work will be restricted such that any interference with the curing process is held to the minimum practical time.

9.7 Longitudinal construction joints shall be placed between designated traffic lanes. The location of the longitudinal joints will be subject to the approval from the engineer.

9.8 Transverse joints in the overlay may be permitted if approved by the engineer. These joints shall be located a minimum of 10 feet (3 m) from the centerline of bent.

9.9 A header shall be installed in case of delay in the placement operations exceeding one-half hour in duration. During minor delays of one-half hour or less, the end of the placement shall be protected from drying with several layers of wet burlap.

9.10 Adequate precautions shall be taken to protect freshly placed concrete from rain. All placing operations shall cease when rain begins. The engineer may order removal of any material damaged by rainfall and such material shall be replaced in accordance with these specifications at the contractor's expense.

Part 10 - Removal

10.1 Material removal and disposal shall be in accordance with Sec 505.10.10.

Part 11 – Repair

11.1 Repair shall be in accordance with Sec 505.10.11.

Part 12 - Method of Measurement

12.1 The extent of repair may vary from the estimated quantities, but the contract unit price shall prevail regardless of the variation. Final measurement will not be made for Latex Modified Concrete except for authorized changes during construction or where appreciable errors are found in the contract quantity.

12.2 Where Latex Modified Concrete will be measured to the nearest square yard based on measurement longitudinally and transversely from edge of LMC overlay to edge of LMC overlay.

Part 13 - Basis of Payment

13.1 Accepted quantities of repair will be paid for at the unit price for each of the pay items included in the contract. Payment for the above described work, including all material, equipment, labor and any other incidental work necessary to complete the items, will be considered completely covered by the contract unit price for the items included in the contract.

END OF SECTION

SPECIAL PROVISIONS

Miscellaneous

1. Contractor will be responsible for removing only the guardrail required to complete the Mechanically Stabilized Fill repair to bridge approaches. Other guardrail shall remain in place. Removed guardrail will be reinstalled by contractor. All guardrail work is incidental to MSF construction. Guardrail damaged during removal/reinstallation will be replaced at contractor's expense.
2. Any damage done to the bridge shall be repaired by the contractor at no additional cost to the County.
3. Pavement Patch will be paid by the planned quantity unless additional is authorized by Boone County. Any Pavement Patch needed to repair additional area disturbed by Contractor beyond planned quantity will be incidental to project.
4. 6" PC concrete may be used in lieu of asphalt for Pavement Patch item if weather or material availability makes it necessary. No change in contract price will be associated with use of concrete.
5. Piling to a depth of 3 feet below pile cap shall be scraped clean of all loose material, all surfaces shall be wirewheel brushed, and all surfaces shall be coated with two coats of roofing tar.
6. If Asphalt is used for Pavement Patch, it shall be constructed in a two lifts. 4" base shall be BP-1 or BP-2, Surface shall be BP-2. Surface thickness varies as shown on plans. Base rock shall be primed prior to base lift of asphalt being constructed. Tack Coat shall be placed between lifts of asphalt.
7. All excavated material that is surplus to the project shall be disposed of off-site.
8. At no time shall equipment be allowed in stream bed.
9. Contractor shall be responsible for producing a traffic control plan and submitting to the County at the time of the Pre-Construction Meeting. Traffic Control plan shall accurately depict location and type of temporary signage during all phases of construction. Traffic Control plan shall allow for detouring of traffic during times of bridge closure. Plan will be reviewed by County personell and must be approved before issuing notice to proceed.
10. Limitations on hours of operation do not apply to pouring of Latex Modified Concrete. This work may be done at whatever hours are necessary.
11. All excation is incidental to the work being performed. No additional payment will be made for excavation.
12. No erosion control BMPs are shown on the plans. The contractor shall furnish an erosion control plan to the County at the Pre-Construction meeting. It will be the Contractors responsibility to assure that all disturbed soil is prevented from leaving the site.

13. Contractor is responsible for determining the location of all utilities prior to beginning construction. Any conflicts with the work shown on the plans shall be brought to the attention of the County immediately.
14. Restoration: The separate seeding and erosion control performance bond described in the Maintenance Requirements Paragraph on page 10.5 of the Contract Conditions and Paragraphs 3.6.B.1 and 3.6.C of Section 01590 of the Technical Specifications is not required for this project.

The Contractor is responsible for restoring permanent grass cover to all non-paved, disturbed areas at 70% density over 100% of the project area. Restored topsoil thickness shall be uniform and shall be no less than 4 inches and no more than 6 inches as detailed below.

15. Latex Modified Concrete production equipment shall be equipped to accurately quantify amount of material produced.

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APPENDIX A

STATE WAGE RATES

GENERAL: This Contract shall be based upon payment by the Contractor of wage rates not less than the prevailing hourly wage rate for each craft or classification of workers engaged on the work as determined by the Industrial Commission of Missouri on behalf of the Department of Labor and Industrial Relations.

The Contractor shall comply with all requirements of the prevailing wage law of Missouri, Revised Statutes of Missouri, Sections 290.210 to 290.340, including the latest amendments thereto.

The prevailing wage law does not prohibit payment of more than the prevailing rate of wages nor does it limit the hours of work which may be performed by any worker in any particular period of time.

RECORDS: The Contractor shall keep an accurate record showing the names, occupations, and crafts of all workers employed, together with the number of hours worked by each worker and the actual wages paid to each worker. At all reasonable hours, such records shall be open to inspection by the representatives of Industrial Commission of Missouri and the County. The payroll records shall not be destroyed or removed from the State for at least one year after completion of the work.

NOTICES: Throughout the life of this Contract, a copy of the wage determination and the rules promulgated by the Industrial Commission of Missouri shall be displayed in at least one conspicuous place on the project under a heading of NOTICE with the heading in letters at least one inch high.

PENALTY: Pursuant to Section 290.250 RSMo the Contractor shall forfeit to the County as penalty, one hundred dollars for each worker employed, for each calendar day, or portion thereof, such worker is paid less than the stipulated rates for any work done under the Contract, by them.

AFFIDAVIT OF COMPLIANCE: After completion of the work and before final payment can be made under this Contract, the Contractor must file with the County an affidavit stating that they have fully complied with the provisions and requirements of the prevailing wage law of Missouri, sections 290.210 to 290.340 RSMo.

WAGE DETERMINATION: During the life of this Contract, the prevailing hourly rate of wages is subject to change by the Department of Labor and Industrial Relations or by court decision as provided by law. Any such change shall not be the basis of any claim by the Contractor against the County, nor will deductions be made by the County against sums due the Contractor by reason of any such change.

The prevailing wage rate determination made by the Industrial Commission of Missouri is reproduced verbatim and is applicable to this Contract.

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Missouri Division of Labor Standards

WAGE AND HOUR SECTION



JEREMIAH W. (JAY) NIXON, Governor

Annual Wage Order No. 20

Section 010

BOONE COUNTY

In accordance with Section 290.262 RSMo 2000, within thirty (30) days after a certified copy of this Annual Wage Order has been filed with the Secretary of State as indicated below, any person who may be affected by this Annual Wage Order may object by filing an objection in triplicate with the Labor and Industrial Relations Commission, P.O. Box 599, Jefferson City, MO 65102-0599. Such objections must set forth in writing the specific grounds of objection. Each objection shall certify that a copy has been furnished to the Division of Labor Standards, P.O. Box 449, Jefferson City, MO 65102-0449 pursuant to 8 CSR 20-5.010(1). A certified copy of the Annual Wage Order has been filed with the Secretary of State of Missouri.

Original Signed by

Robert A. Bedell, Acting Director
Division of Labor Standards

This Is A True And Accurate Copy Which Was Filed With The Secretary of State: **March 8, 2013**

Last Date Objections May Be Filed: **April 8, 2013**

Prepared by Missouri Department of Labor and Industrial Relations

OCCUPATIONAL TITLE	** Date of Increase	*	Basic Hourly Rates	Over-Time Schedule	Holiday Schedule	Total Fringe Benefits
Asbestos Worker (H & F) Insulator			\$31.26	55	60	\$19.51
Boilermaker			\$32.72	57	7	\$26.89
Bricklayer and Stone Mason	6/13		\$28.25	59	7	\$15.38
Carpenter	6/13		\$24.09	60	15	\$14.45
Cement Mason			\$26.08	9	3	\$11.00
Electrician (Inside Wireman)			\$30.78	28	7	\$12.32 + 13%
Electrician (Outside-Line Construction/Lineman)			\$38.91	43	45	\$5.00 + 37.5%
Lineman Operator			\$33.59	43	45	\$5.00 + 37.5%
Groundman			\$25.97	43	45	\$5.00 + 37.5%
Communication Technician			\$30.78	28	7	\$12.32 + 13%
Elevator Constructor		a	\$43.345	26	54	\$25.095
Operating Engineer						
Group I	6/13		\$27.01	86	66	\$23.43
Group II	6/13		\$27.01	86	66	\$23.43
Group III	6/13		\$25.76	86	66	\$23.43
Group III-A	6/13		\$27.01	86	66	\$23.43
Group IV	6/13		\$24.78	86	66	\$23.43
Group V	6/13		\$27.71	86	66	\$23.43
Pipe Fitter	7/13	b	\$34.75	91	69	\$26.28
Glazier		c	\$28.15	122	76	\$14.22 + 5.2%
Laborer (Building):						
General			\$20.81	42	44	\$12.09
First Semi-Skilled			\$22.81	42	44	\$12.09
Second Semi-Skilled			\$21.81	42	44	\$12.09
Lather			USE CARPENTER RATE			
Linoleum Layer and Cutter			USE CARPENTER RATE			
Marble Mason	6/13		\$21.15	124	74	\$12.68
Millwright	6/13		\$25.09	60	15	\$14.45
Ironworker			\$27.81	11	8	\$21.04
Painter	6/13		\$21.35	18	7	\$11.72
Plasterer			\$24.84	94	5	\$11.05
Plumber	7/13	b	\$34.75	91	69	\$26.28
Pile Driver	6/13		\$25.09	60	15	\$14.45
Roofer \ Waterproofer			\$28.05	12	4	\$13.59
Sheet Metal Worker	7/13		\$29.96	40	23	\$15.12
Sprinkler Fitter - Fire Protection	6/13		\$30.02	33	19	\$18.55
Terrazzo Worker	6/13		\$28.15	124	74	\$14.32
Tile Setter	6/13		\$21.15	124	74	\$12.68
Truck Driver-Teamster						
Group I			\$24.50	101	5	\$9.30
Group II			\$25.15	101	5	\$9.30
Group III			\$24.65	101	5	\$9.30
Group IV			\$25.15	101	5	\$9.30
Traffic Control Service Driver			\$26.415	22	55	\$9.045

Fringe Benefit Percentage is of the Basic Hourly Rate

Attention Workers: If you are not being paid the appropriate wage rate and fringe benefits contact the Division of Labor Standards at (573) 751-3403.

**Annual Incremental Increase

OCCUPATIONAL TITLE	** Date of Increase	Basic Hourly Rates	Over-Time Schedule	Holiday Schedule	Total Fringe Benefits

* Welders receive rate prescribed for the occupational title performing operation to which welding is incidental.

Use Building Construction Rates on Building construction in accordance with the classifications of construction work established in 8 CSR 30-3.040(2).

Use Heavy Construction Rates on Highway and Heavy construction in accordance with the classifications of construction work established in 8 CSR 30-3.040(3).

a - Vacation: Employees over 5 years - 8%; Employees under 5 years - 6%

**b - All work over \$7 Mil. Total Mech. Contract - \$34.75, Fringes - \$26.28

All work under \$7 Mil. Total Mech. Contract - \$33.41, Fringes - \$20.89

c - Vacation: Employees after 1 year - 2%; Employees after 2 years - 4%; Employees after 10 years - 6%

**BOONE COUNTY
OVERTIME SCHEDULE - BUILDING CONSTRUCTION**

FED: Minimum requirement per Fair Labor Standards Act means time and one-half (1 ½) shall be paid for all work in excess of forty (40) hours per work week.

NO. 9: Means the regular workday starting time of 8:00 a.m. (and resulting quitting time of 4:30 p.m.) may be moved forward to 6:00 a.m. or delayed one hour to 9:00 a.m. All work performed in excess of the regular work day and on Saturday shall be compensated at one and one-half (1½) times the regular pay. In the event time is lost during the work week due to weather conditions, the Employer may schedule work on the following Saturday at straight time. All work accomplished on Sunday and holidays shall be compensated for at double the regular rate of wages. The work week shall be Monday through Friday, except for midweek holidays.

NO. 11: Means eight (8) hours shall constitute a day's work, with the starting time to be established between 6:00 a.m. and 8:00 a.m. from Monday to Friday. Time and one-half (1½) shall be paid for first two (2) hours of overtime Monday through Friday and the first eight (8) hours on Saturday. All other overtime hours Monday through Saturday shall be paid at double (2) time rate. Double (2) time shall be paid for all time on Sunday and recognized holidays or the days observed in lieu of these holidays.

NO. 12: Means the work week shall commence on Monday at 12:01 a.m. and shall continue through the following Friday, inclusive of each week. All work performed by employees anywhere in excess of forty (40) hours in one (1) work week, shall be paid for at the rate of one and one-half (1½) times the regular hourly wage scale. All work performed within the regular working hours which shall consist of a ten (10) hour work day except in emergency situations. Overtime work and Saturday work shall be paid at one and one-half (1½) times the regular hourly rate. Work on recognized holidays and Sundays shall be paid at two (2) times the regular hourly rate.

NO. 18: Means the regular work day shall be eight (8) hours. Working hours are from six (6) hours before Noon (12:00) to six (6) hours after Noon (12:00). The regular work week shall be forty (40) hours, beginning between 6:00 a.m. and 12:00 Noon on Monday and ending between 1:00 p.m. and 6:00 p.m. on Friday. Saturday will be paid at time and one-half (1½). Sunday and Holidays shall be paid at double (2) time. Saturday can be a make-up day if the weather has forced a day off, but only in the week of the day being lost. Any time before six (6) hours before Noon or six (6) hours after Noon will be paid at time and one-half (1½).

NO. 22: Means a regular work week of forty (40) hours will start on Monday and end on Friday. The regular work day shall be either eight (8) or ten (10) hours. If a crew is prevented from working forty (40) hours Monday through Friday, or any part thereof by reason of inclement weather, Saturday or any part thereof may be worked as a make-up day at the straight time rate. Employees who are part of a regular crew on a make-up day, notwithstanding the fact that they may not have been employed the entire week, shall work Saturday at the straight time rate. A workday is to begin between 6:00 a.m. and 9:00 a.m. However, the project starting time may be advanced or delayed if mutually agreed to by the interest parties. For all time worked on recognized holidays, or days observed as such, double (2) time shall be paid.

NO. 26: Means that the regular working day shall consist of eight (8) hours worked between 6:00 a.m., and 5:00 p.m., five (5) days per week, Monday to Friday, inclusive. Hours of work at each jobsite shall be those established by the general contractor and worked by the majority of trades. (The above working hours may be changed by mutual agreement). Work performed on Construction Work on Saturdays, Sundays and before and after the regular working day on Monday to Friday, inclusive, shall be classified as overtime, and paid for at double (2) the rate of single time. The employer may establish hours worked on a jobsite for a four (4) ten (10) hour day work week at straight time pay for construction work; the regular working day shall consist of ten (10) hours worked consecutively, between 6:00 a.m. and 6:00 p.m., four (4) days per week, Monday to Thursday, inclusive. Any work performed on Friday, Saturday, Sunday and holidays, and before and after the regular working day on Monday to Thursday where a four (4) ten (10) hour day workweek has been established, will be paid at two times (2) the single time rate of pay. The rate of pay for all work performed on holidays shall be at two times (2) the single time rate of pay.

**BOONE COUNTY
OVERTIME SCHEDULE - BUILDING CONSTRUCTION**

NO. 28: Means a regular workday shall consist of eight (8) hours between 7:00 a.m. and 5:30 p.m., with at least a thirty (30) minute period to be taken for lunch. Five (5) days a week, Monday through Friday inclusive, shall constitute a work week. The Employer has the option for a workday/workweek of four (4) ten (10) hour days (4-10's) provided:

- The project must be for a minimum of four (4) consecutive days.
- Starting time may be within one (1) hour either side of 8:00 a.m.
- Work week must begin on either a Monday or Tuesday: If a holiday falls within that week it shall be a consecutive work day. (Alternate: If a holiday falls in the middle of a week, then the regular eight (8) hour schedule may be implemented).
- Any time worked in excess of any ten (10) hour work day (in a 4-10 hour work week) shall be at the appropriate overtime rate.

All work outside of the regular working hours as provided, Monday through Saturday, shall be paid at one & one-half (1½) times the employee's regular rate of pay. All work performed from 12:00 a.m. Sunday through 8:00 a.m. Monday and recognized holidays shall be paid at double (2) the straight time hourly rate of pay. Should employees work in excess of twelve (12) consecutive hours they shall be paid double time (2X) for all time after twelve (12) hours. Shift work performed between the hours of 4:30 p.m. and 12:30 a.m. (second shift) shall receive eight (8) hours pay at the regular hourly rate of pay plus ten (10%) percent for seven and one-half (7½) hours work. Shift work performed between the hours of 12:30 a.m. and 8:00 a.m. (third shift) shall receive eight (8) hours pay at the regular hourly rate of pay plus fifteen (15%) percent for seven (7) hours work. A lunch period of thirty (30) minutes shall be allowed on each shift. All overtime work required after the completion of a regular shift shall be paid at one and one-half (1½) times the shift hourly rate.

NO. 33: Means the standard work day and week shall be eight (8) consecutive hours of work between the hours of 6:00 a.m. and 6:00 p.m., excluding the lunch period Monday through Friday, or shall conform to the practice on the job site. Four (4) days at ten (10) hours a day may be worked at straight time, Monday through Friday and need not be consecutive. All overtime, except for Sundays and holidays shall be at the rate of time and one-half (1½). Overtime worked on Sundays and holidays shall be at double (2) time.

NO. 40: Means the regular working week shall consist of five (5) consecutive (8) hour days' labor on the job beginning with Monday and ending with Friday of each week. Four (4) 10-hour days may constitute the regular work week. The regular working day shall consist of eight (8) hours labor on the job beginning as early as 6:00 a.m. and ending as late as 5:30 p.m. All full or part time labor performed during such hours shall be recognized as regular working hours and paid for at the regular hourly rate. All hours worked on Saturday and all hours worked in excess of eight (8) hours but not more than twelve (12) hours during the regular working week shall be paid for at time and one-half (1½) the regular hourly rate. All hours worked on Sundays and holidays and all hours worked in excess of twelve (12) hours during the regular working day shall be paid at two (2) times the regular hourly rate. In the event of rain, snow, cold or excessively windy weather on a regular working day, Saturday may be designated as a "make-up" day. Saturday may also be designated as a "make-up" day, for an employee who has missed a day of work for personal or other reasons. Pay for "make-up" days shall be at regular rates.

**BOONE COUNTY
OVERTIME SCHEDULE - BUILDING CONSTRUCTION**

NO. 42: Means eight (8) hours between the hours of 8:00 a.m. and 4:30 p.m. shall constitute a work day. The starting time may be advanced one (1) or two (2) hours. Employees shall have a lunch period of thirty (30) minutes. The Employer may provide a lunch period of one (1) hour, and in that event, the workday shall commence at 8:00 a.m. and end at 5:00 p.m. The workweek shall commence at 8:00 a.m. on Monday and shall end at 4:30 p.m. on Friday (or 5:00 p.m. on Friday if the Employer grants a lunch period of one (1) hour), or as adjusted by starting time change as stated above. All work performed before 8:00 a.m. and after 4:30 p.m. (or 5:00 p.m. where one (1) hour lunch is granted for lunch) or as adjusted by starting time change as stated above or on Saturday, except as herein provided, shall be compensated at one and one-half (1½) times the regular hourly rate of pay for the work performed. All work performed on Sunday and on recognized holidays shall be compensated at double (2) the regular hourly rate of pay for the work performed. When working a five 8-hour day schedule and an Employer is prevented from working forty (40) hours, Monday through Friday, or any part thereof by reason of inclement weather (rain or mud), Saturday or any part thereof may be worked as a make-up day at the straight time rate. The Employer shall have the option of working five eight (8) hour days or four ten (10) hour days Monday through Friday. If an Employer elects to work five (5) eight (8) hour days during any work week, hours worked more than eight (8) per day or forty (40) hours per week shall be paid at time and one-half (1½) the hourly rate Monday through Friday. If an Employer elects to work four (4) ten (10) hour days in any week, work performed more than ten (10) hours per day or forty (40) hours per week shall be paid at time and one-half (1½) the hourly rate Monday through Friday. If an Employer is working ten (10) hour days and loses a day due to inclement weather, they may work ten (10) hours Friday at straight time. All hours worked over the forty (40) hours Monday through Friday will be paid at time and one-half (1½) overtime rate. Overtime shall be computed at half-hour intervals. Shift Work: Two (2) or three (3) shifts shall be permitted, provided such shifts are scheduled for a minimum of three (3) consecutive days. The second shift shall begin at 4:30 p.m. and end at 12:30 a.m. with one-half (1/2) hour for lunch between 7:30 p.m. and 9:00 p.m. and shall received eighty (8) hours' pay. The third shift shall begin at 12:30 a.m. and end at 8:00 a.m. with one-half (1/2) hour for lunch between 3:30 a.m. and 5:00 a.m. and shall received (8) hour's; pay. There shall be at least one (1) foreman on each shift on jobs where more than one shift is employed, provided that there are two (2) or more employees on second and on the third shifts. All shifts shall arrange to interchange working hours at the end of each week. When three shifts are used, the applicable rate must be paid from Saturday at 8:00 a.m. until the following Monday at 8:00 a.m. When three shifts are employed, the second and third shifts shall contain at least one-half (1/2) as many employees as the first shift.

NO. 43: Eight (8) hours shall constitute a work day between the hours of 7:00 a.m. and 4:30 p.m. Forty (40) hours within five (5) days, Monday through Friday inclusive, shall constitute the work week. Work performed in the 9th and 10th hour, Monday through Friday, shall be paid at time and one-half (1½) the regular straight time rate of pay. Contractor has the option to pay two (2) hours per day at the time and one-half (1½) the regular straight time rate of pay between the hours of 6:00 a.m. and 5:30 p.m., Monday through Friday. Work performed outside the regularly scheduled working hours and on Saturdays, Sundays and recognized legal holidays, or days celebrated as such, shall be paid for at the rate of double (2) time.

NO. 55: Means the regular work day shall be eight (8) hours between 6:00 a.m. and 4:30 p.m. The first two (2) hours of work performed in excess of the eight (8) hour work day, Monday through Friday, and the first ten (10) hours of work on Saturday, shall be paid at one & one-half (1½) times the straight time rate. All work performed on Sunday, observed holidays and in excess of ten (10) hours a day, Monday through Saturday, shall be paid at double (2) the straight time rate.

NO. 57: Means eight (8) hours per day shall constitute a day's work and forty (40) hours per week, Monday through Friday, shall constitute a week's work. The regular starting time shall be 8:00 a.m. If a second or third shift is used, the regular starting time of the second shift shall be 4:30 p.m. and the regular starting period for the third shift shall be 12:30 a.m. These times may be adjusted by the employer. The day shift shall work a regular eight (8) hours shift as outlined above. Employees working a second shift shall receive an additional \$0.25 above the regular hourly rate and perform seven and one-half (7½) hours work for eight (8) hours pay. Third shift employees shall be paid an additional \$0.50 above the regular hourly rate and work seven (7) hours for eight (8) hours pay. When circumstances warrant, the Employer may change the regular workweek to four (4) ten-hour days at the regular time rate of pay. All time worked before and after the established workday of eight (8) hours, Monday through Friday, and all time worked on Saturday shall be paid at the rate of time and one-half (1½) except in cases where work is part of an employee's regular Friday shift. All time worked on Sunday and recognized holidays shall be paid at the double (2) time rate of pay except in cases where work is part of an employee's previous day's shift. For all overtime hours worked \$25.65 of the fringe benefits portion of the prevailing wage shall be paid at the same overtime rate at which the cash portion of the prevailing wage is to be paid. The remaining \$1.24 of the fringe benefit portion of the prevailing wage may be paid at straight time.

**BOONE COUNTY
OVERTIME SCHEDULE - BUILDING CONSTRUCTION**

NO. 59: Means that except as herein provided, eight (8) hours a day shall constitute a standard work day, and forty (40) hours per week shall constitute a week's work. All time worked outside of the standard eight (8) hour work day and on Saturday shall be classified as overtime and paid the rate of time and one-half (1½). All time worked on Sunday and holidays shall be classified as overtime and paid at the rate of double (2) time. The Employer has the option of working either five (5) eight hour days or four (4) ten hour days to constitute a normal forty (40) hour work week. When the four (4) ten-hour work week is in effect, the standard work day shall be consecutive ten (10) hour periods between the hours of 6:30 a.m. and 6:30 p.m. Forty (40) hours per week shall constitute a week's work, Monday through Thursday, inclusive. In the event the job is down for any reason beyond the Employer's control, then Friday and/or Saturday may, at the option of the Employer, be worked as a make-up day; straight time not to exceed ten (10) hours or forty (40) hours per week. When the five day eight (8) hour work week is in effect, forty (40) hours per week shall constitute a week's work, Monday through Friday, inclusive. In the event the job is down for any reason beyond the Employer's control, then Saturday may, at the option of the Employer, be worked as a make-up day; straight time not to exceed eight (8) hours or forty (40) hours per week. The regular starting time (and resulting quitting time) may be moved to 6:00 a.m. or delayed to 9:00 a.m. Make-up days shall not be utilized for days lost due to holidays.

NO. 60: Means the Employer shall have the option of working five 8-hour days or four 10-hour days Monday through Friday. If an Employer elects to work five 8-hour days during any work week, hours worked more than eight (8) per day or forty (40) per week shall be paid at time and one-half (1½) the hourly wage rate plus fringe benefits Monday through Friday. **SATURDAY MAKE-UP DAY:** If an Employer is prevented from working forty (40) hours, Monday through Friday, or any part thereof by reason of inclement weather (rain or mud), Saturday or any part thereof may be worked as a make-up day at the straight time rate. It is agreed by the parties that the make-up day is not to be used to make up time lost due to recognized holidays. If an Employer elects to work four 10-hour days, between the hours of 6:30 a.m. and 6:30 p.m. in any week, work performed more than ten (10) hours per day or forty (40) hours per week shall be paid at time and one half (1½) the hourly wage rate plus fringe benefits Monday through Friday. If an Employer is working 10-hour days and loses a day due to inclement weather, the Employer may work ten (10) hours on Friday at straight time. All hours worked over the forty (40) hours Monday through Friday will be paid at time and one-half (1½) the hourly wage rate plus fringe benefits. All Millwright work performed in excess of the regular work day and on Saturday shall be compensated for at time and one-half (1½) the regular Millwright hourly wage rate plus fringe benefits. The regular work day starting at 8:00 a.m. (and resulting quitting time of 4:30 p.m.) may be moved forward to 6:00 a.m. or delayed one (1) hour to 9:00 a.m. All work accomplished on Sundays and recognized holidays, or days observed as recognized holidays, shall be compensated for at double (2) the regular hourly rate of wages plus fringe benefits. **NOTE:** All overtime is computed on the hourly wage rate plus an amount equal to the fringe benefits.

NO. 86: Means the regular work week shall consist of five (5) days, Monday through Friday, beginning at 8:00 a.m. and ending at 4:30 p.m. The regular work day beginning time may be advanced one or two hours or delayed by one hour. However, the Employer may have the option to schedule his work week from Monday through Thursday at ten (10) hours per day at the straight time rate of pay with all hours in excess of ten (10) hours in any one day to be at the applicable overtime rate. If the Employer elects to work from Monday through Thursday and is stopped due to circumstances beyond his control, inclement weather or holiday, he shall have the option to work Friday at the straight time rate of pay to complete his forty (40) hours. If an employee declines to work Friday as a make-up day, he shall not be penalized. All overtime work performed on Monday through Saturday shall be paid at time and one-half (1½) of the hourly rate plus an amount equal to one-half (½) of the hourly Total Indicated Fringe Benefits. All work performed on Sundays and recognized holidays shall be paid at double (2) the hourly rate plus an amount equal to the hourly Total Indicated Fringe Benefits.

**BOONE COUNTY
OVERTIME SCHEDULE - BUILDING CONSTRUCTION**

NO. 91: Means eight (8) hours shall constitute a day's work commencing at 7:00 a.m. and ending at 3:30 p.m., allowing one-half (½) hour for lunch. The option exists for the Employer to use a flexible starting time between the hours of 6:00 a.m. and 9:00 a.m. The regular workweek shall consist of forty (40) hours of five (5) workdays, Monday through Friday. The workweek may consist of four (4) ten (10) hour days from Monday through Thursday, with Friday as a make-up day. If the make-up day is a holiday, the employee shall be paid at the double (2) time rate. The employees shall be paid time and one-half (1½) for work performed on Saturdays, before the regular starting time or after the regular quitting time or over eight (8) hours per work day (unless working a 10-hour work day, then time and one-half (1½) is paid for work performed over ten (10) hours a day) or over forty (40) hours per work week. Work performed on Sundays and recognized holidays shall be paid at the double (2) time rate of pay. **SHIFT WORK:** When it is necessary for the project to operate in shifts, there will be three (3) eight (8) hour shifts commencing at 8:00 a.m. Shift work must continue for a period of not less than three (3) consecutive work days, two (2) days which must be regular work days (Monday through Friday). In the event the second or third shift of any regular work day shall fall into a Saturday or a holiday, such extension into a Saturday or holiday shall be considered as part of the previous workday and employees shall be paid at the regular shift rate. The first day shift shall work a regular eight (8) hour day at regular rates. The second shift shall be eight (8) hours regular time pay plus \$2.50 per hour premium for eight (8) hours work. Third shift will be for eight (8) hours regular time pay plus \$3.00 per hour premium for eight (8) hours work.

NO. 94: Means eight (8) hours shall constitute a day's work between the hours of 8:00 a.m. and 5:00 p.m. The regular workday starting time of 8:00 a.m. (and resulting quitting time of 4:30 p.m.) may be moved forward to 6:00 a.m. or delayed one (1) hour to 9:00 a.m. All work performed in excess of the regular work day and on Saturday shall be compensated at one and one-half (1½) times the regular pay. In the event time is lost during the work week due to weather conditions, the Employer may schedule work on the following Saturday at straight time. All work accomplished on Sunday and holidays shall be compensated at double the regular rate of wages.

NO. 101: Means that except as provided below, eight (8) hours a day shall constitute a standard work day, and forty (40) hours per week shall constitute a week's work, which shall begin on Monday and end on Friday. All time worked outside of the standard work day and on Saturday shall be classified as overtime and paid the rate of time and one-half (1½) (except as herein provided). All time worked on Sunday and recognized holidays shall be classified as overtime and paid at the rate of double (2) time. The regular starting time of 8:00 a.m. (and resulting quitting time of 4:30 p.m.) may be moved forward to 6:00 a.m. or delayed one (1) hour to 9:00 a.m. The Employer has the option of working either five (5) eight-hour days or four (4) ten-hour days to constitute a normal forty (40) hour work week. When a four (4) ten-hour day work week is in effect, the standard work day shall be consecutive ten (10) hour periods between the hours of 6:30 a.m. and 6:30 p.m. Forty (40) hours per week shall constitute a week's work Monday through Thursday, inclusive. In the event the job is down for any reason beyond the Employer's control, then Friday and/or Saturday may, at the option of the Employer, be worked as a make-up day; straight time not to exceed ten (10) hours per day or forty (40) hours per week. Starting time will be designated by the employer. When the five (5) day eight (8) hour work week is in effect, forty (40) hours per week shall constitute a week's work, Monday through Friday, inclusive. In the event the job is down for any reason beyond the Employer's control, then Saturday may, at the option of the Employer, be worked as a make-up day; straight time not to exceed eight (8) hours per day or forty (40) hours per week. Make-up days shall not be utilized for days lost due to holidays.

NO. 104: Means eight (8) hours per day shall constitute a standard work day between the hours of 6:00 a.m. and 8:00 p.m. The standard work week shall be forty (40) hours between 6:00 a.m. on Monday and ending 8:00 p.m. on Friday. An overtime rate of time and one-half (1½) the base hourly rate shall be paid on all hours in excess of eight (8) hours in a day Monday through Friday. Saturdays shall be considered overtime and work done on Saturday shall be paid at time and one-half (1½) the prevailing scale. Sundays and holidays shall be considered overtime and work done on these days shall be paid at double (2) the prevailing scale.

NO. 122: Means forty (40) hours between Monday and Friday shall constitute the normal work week. Work shall be scheduled between the hours of 6:00 a.m. and 6:30 p.m., with one-half hour for lunch. Work in excess of eight (8) hours per day and forty (40) hours per week, and on Saturdays, shall be paid at the rate of one and one-half times the normal rate. Due to inclement weather during the week, Saturday shall be a voluntary make up day.

**BOONE COUNTY
OVERTIME SCHEDULE - BUILDING CONSTRUCTION**

NO. 124: Means eight (8) hours shall constitute a day's work on all classes of work between the hours of 6:00 a.m. and 5:30 p.m., Monday through Friday. The pay for time worked during these hours shall be at the regular wage rate. The regular workweek shall be Monday through Friday. Employment from 4:30 p.m. to 12:00 midnight, Monday through Friday, shall be paid for at one and one-half (1½) times the regular hourly rate. From 12:00 midnight until 8:00 a.m. on any day shall be paid for at twice the regular hourly rate. All time worked on Sundays and the recognized holidays shall be paid at the rate of double (2) time. It is understood that forty (40) hours shall constitute a regular workweek, (5-8's) Sunday Midnight through Friday Midnight, understanding anything over eight (8) hours is one and one-half (1½) times the hourly wage rate.

NO. 126: Means eight (8) hours per day shall constitute a day's work and forty (40) hours per week, Monday through Friday, shall constitute a week's work. The regular starting time shall be 8:00 a.m. If a second or third shift is used, the regular starting time of the second shift shall be 4:30 p.m. and the regular starting period for the third shift shall be 12:30 a.m. These times may be adjusted by the employer. The day shift shall work a regular eight (8) hours shift as outlined above. Employees working a second shift shall receive an additional \$0.25 above the regular hourly rate and perform seven and one-half (7½) hours work for eight (8) hours pay. Third shift employees shall be paid an additional \$0.50 above the regular hourly rate and work seven (7) hours for eight (8) hours pay. When circumstances warrant, the Employer may change the regular workweek to four (4) ten-hour days at the regular time rate of pay. All time worked before and after the established workday of eight (8) hours, Monday through Friday, and all time worked on Saturday shall be paid at the rate of time and one-half (1½) except in cases where work is part of an employee's regular Friday shift. All time worked on Sunday and recognized holidays shall be paid at the double (2) time rate of pay except in cases where work is part of an employee's previous day's shift. For all overtime hours worked \$25.77 of the fringe benefits portion of the prevailing wage shall be paid at the same overtime rate at which the cash portion of the prevailing wage is to be paid. The remaining \$1.24 of the fringe benefit portion of the prevailing wage may be paid at straight time.

**BOONE COUNTY
HOLIDAY SCHEDULE – BUILDING CONSTRUCTION**

NO. 3: All work done on New Year's Day, Memorial Day, Independence Day, Labor Day, Veteran's Day (November 11), Thanksgiving Day, and Christmas Day shall be compensated at the double (2) time rate of pay. When any of these holidays fall on a Sunday, the following Monday shall be observed. No work shall be performed on the days set forth except in cases of emergencies to protect life or property.

NO. 4: All work done on New Year's Day, Memorial Day, Independence Day, Labor Day, Thanksgiving and Christmas Day shall be paid at the double time rate of pay. If any of the above holidays fall on Sunday, Monday will be observed as the recognized holiday. If any of the above holidays fall on Saturday, Friday will be observed as the recognized holiday.

NO. 5: All work that shall be done on New Year's Day, Memorial Day, Fourth of July, Labor Day, Veteran's Day, Thanksgiving Day, and Christmas Day shall be paid at the double (2) time rate of pay.

NO. 7: The following days are assigned days and are recognized as holidays: New Year's Day, Memorial Day, Independence Day, Labor Day, Veteran's Day, Thanksgiving Day, and Christmas Day. If a holiday falls on a Sunday, it shall be observed on the following Monday. If a holiday falls on a Saturday, it shall be observed on the preceding Friday. No work shall be performed on Labor Day except in case of jeopardy to work under construction. This is applied to protect Labor Day. When a holiday falls during the normal workweek, Monday through Friday, it shall be counted as eight (8) hours toward the forty (40) hour week. However, no reimbursement for these eight (8) hours is to be paid to the workman unless worked. If workman are required to work the above enumerated holidays or days observed as such, or on Sunday, they shall receive double (2) the regular rate of pay for such work.

NO. 8: All work performed on New Year's Day, Memorial Day, Independence Day, Labor Day, Veteran's Day, Thanksgiving Day, and Christmas Day, or the days observed in lieu of these holidays, shall be paid at the double time rate of pay.

NO. 15: All work accomplished on the recognized holidays of New Year's Day, Decoration Day (Memorial Day), Independence Day (Fourth of July), Labor Day, Veteran's Day, Thanksgiving Day and Christmas Day, or days observed as these named holidays, shall be compensated for at double (2) the regular hourly rate of wages plus fringe benefits. If a holiday falls on Saturday, it shall be observed on the preceding Friday. If a holiday falls on a Sunday, it shall be observed on the following Monday. No work shall be performed on Labor Day, Christmas Day, Decoration Day or Independence Day except to preserve life or property.

NO. 19: All work done on New Year's Day, Memorial Day, July 4th, Labor Day, Thanksgiving Day, and Christmas Day shall be paid at the double time rate of pay. The employee may take off Friday following Thanksgiving Day. However, the employee shall notify his or her Foreman, General Foreman or Superintendent on the Wednesday preceding Thanksgiving Day. When one of the above holidays falls on Sunday, the following Monday shall be considered a holiday and all work performed on either day shall be at the double (2) time rate. When one of the holidays falls on Saturday, the preceding Friday shall be considered a holiday and all work performed on either day shall be at the double (2) time rate.

NO. 21: All work performed on New Year's Day, Memorial Day, Fourth of July, Labor Day, Thanksgiving Day, and Christmas Day shall be paid for at double (2) the straight-time rate of pay. Any of the above listed holidays falling on Sunday, shall be observed on the following Monday and paid for at double (2) the straight-time rate of pay. Any of the above listed holidays falling on Saturday shall be observed on the previous Friday, and paid for at double (2) the straight-time rate of pay. If any of the above listed holidays fall on Friday, Saturday, Sunday, or Monday, creating a three-day weekend, then the entire three (3) days (either Friday, Saturday, and Sunday – if the holiday falls on Friday or Saturday; or Saturday, Sunday, and Monday – if the holiday falls on Sunday or Monday) shall be paid for at double (2) the straight-time rate of pay.

NO. 23: All work done on New Year's Day, Memorial Day, Independence Day, Labor Day, Veteran's Day, Thanksgiving Day, Christmas Day and Sundays shall be recognized holidays and shall be paid at the double time rate of pay. When a holiday falls on Sunday, the following Monday shall be considered a holiday. When a holiday falls on Saturday, Friday is recognized as a holiday.

**BOONE COUNTY
HOLIDAY SCHEDULE – BUILDING CONSTRUCTION**

NO. 44: All work done on New Year's Day, Memorial Day, Independence Day, Veteran's Day, Thanksgiving Day, and Christmas Day shall be paid at the double time rate of pay. If a holiday falls on a Sunday, it shall be observed on the Monday following. If a holiday falls on a Saturday, it shall be observed on the preceding Friday. No work shall be performed on these days except in emergency to protect life or property. All work performed on these holidays shall be compensated at double the regular hourly rate for the work performed. Overtime shall be computed at half-hour intervals.

NO. 45: All work performed on New Year's Day, Memorial Day, Independence Day, Labor Day, Veteran's Day, Thanksgiving Day, the day after Thanksgiving, the day before Christmas, and Christmas Day, shall be paid at the double time rate of pay.

NO. 54: All work performed on New Year's Day, Memorial Day, Independence Day, Labor Day, Veteran's Day, Thanksgiving Day, the Friday after Thanksgiving Day, and Christmas Day shall be paid at the double (2) time rate of pay. When a holiday falls on Saturday, it shall be observed on Friday. When a holiday falls on Sunday, it shall be observed on Monday.

NO. 55: The following days are recognized as holidays: New Year's Day, Memorial Day, Independence Day, Labor Day, Thanksgiving Day and Christmas Day. If a holiday falls on a Sunday, it shall be observed on the following Monday. No work shall be performed on Labor Day except in case of jeopardy to work under construction. This rule is applied to protect Labor Day. When a holiday falls during the normal work week, Monday through Friday, it shall be counted as eight (8) hours toward the forty (40) hour week; however, no reimbursement for this eight (8) hours is to be paid the workmen unless worked. An Employer working a four (4) day, ten (10) hour schedule may use Friday as a make up day when an observed holiday occurs during the work week. Employees have the option to work that make up day. If workmen are required to work the above enumerated holidays, or days observed as such, they shall receive double (2) the regular rate of pay for such work.

NO. 60: All work performed on New Year's Day, Armistice Day (Veteran's Day), Decoration Day (Memorial Day), Independence Day (Fourth of July), Thanksgiving Day and Christmas Day shall be paid at the double time rate of pay. No work shall be performed on Labor Day except when triple (3) time is paid. When a holiday falls on Saturday, Friday will be observed as the holiday. When a holiday falls on Sunday, the following Monday shall be observed as the holiday.

NO. 66: All work performed on Sundays and the following recognized holidays, or the days observed as such, of New Year's Day, Decoration Day, Fourth of July, Labor Day, Veteran's Day, Thanksgiving Day and Christmas Day, shall be paid at double (2) the hourly rate plus an amount equal to the hourly Total Indicated Fringe Benefits. Whenever any such holidays fall on a Sunday, the following Monday shall be observed as a holiday.

NO. 69: All work performed on New Year's Day, Memorial Day, July Fourth, Labor Day, Veteran's Day, Thanksgiving Day or Christmas Day shall be compensated at double (2) their straight-time hourly rate of pay. Friday after Thanksgiving and the day before Christmas are also holidays, however, if the employer chooses to work the normal work hours on these days, the employee will be paid at straight-time rate of pay. If a holiday falls on a Saturday, the holiday will be observed on Saturday; if a holiday falls on a Sunday, the holiday will be observed on the following Monday.

NO. 74: All work performed on New Year's Day, Memorial Day, Fourth of July, Labor Day, Veteran's Day, Thanksgiving Day and Christmas Day, shall be paid at double (2) time of the hourly rate of pay. In the event one of the above holiday's falls on Saturday, the holiday shall be celebrated on Saturday. If the holiday falls on Sunday, the holiday will be celebrated on Monday.

NO. 76: Work performed on Holidays shall be paid at the rate of two times the normal rate. Holidays are: New Years Day, Memorial Day, Independence Day, Labor Day, Thanksgiving Day, Day after Thanksgiving, Christmas Day. If a holiday falls on a Sunday, it shall be celebrated on the following Monday, if it falls on Saturday, it shall be celebrated on the preceding Friday.

OCCUPATIONAL TITLE	* Date of Increase	Basic Hourly Rates	Over-Time Schedule	Holiday Schedule	Total Fringe Benefits
Center		\$29.52	7	16	\$13.50
wright		\$29.52	7	16	\$13.50
Driver		\$29.52	7	16	\$13.50
trician (Outside-Line Construction\Lineman)		\$38.91	9	12	\$5.00 + 37.5%
eman Operator		\$33.59	9	12	\$5.00 + 37.5%
eman - Tree Trimmer		\$23.19	32	31	\$5.00 + 23%
oundman		\$25.97	9	12	\$5.00 + 37.5%
oundman - Tree Trimmer		\$17.10	32	31	\$5.00 + 23%
rating Engineer					
up I	6/13	\$26.09	21	5	\$23.32
up II	6/13	\$25.74	21	5	\$23.32
up III	6/13	\$25.54	21	5	\$23.32
up IV	6/13	\$21.89	21	5	\$23.32
er-Driver	6/13	\$21.89	21	5	\$23.32
irer					
neral Laborer	6/13	\$26.51	2	4	\$12.07
led Laborer	6/13	\$27.11	2	4	\$12.07
ck Driver-Teamster					
up I		\$27.52	22	19	\$10.90
up II		\$27.68	22	19	\$10.90
up III		\$27.67	22	19	\$10.90
up IV		\$27.79	22	19	\$10.90
ic Control Service Driver		\$26.415	28	27	\$9.045

Heavy Construction Rates on Highway and Heavy construction in accordance with the classifications of construction work established in 8 CSR 30-3.040(3).

Building Construction Rates on Building construction in accordance with the classifications of construction established in 8 CSR 30-3.040(2).

Worker is performing work on a heavy construction project within an occupational title that is not listed on the Construction Rate Sheet, use the rate for that occupational title as shown on the Building Construction Rate sheet.

**BOONE COUNTY
OVERTIME SCHEDULE – HEAVY CONSTRUCTION**

FED: Minimum requirement per Fair Labor Standards Act means time and one-half (1 ½) shall be paid for all work in excess of forty (40) hours per work week.

NO. 2: Means a regular workweek shall be forty (40) hours and will start on Monday and end on Friday. The Employer shall have the option of working five 8-hour days or four 10-hour days Monday through Friday. If an Employer elects to work five 8-hour days during any workweek, hours worked more than eight (8) per day or 40 per week shall be paid at time and one-half the hourly rate Monday through Friday. If an Employer elects to work four 10-hour days in a week, work performed more than ten (10) hours per day or 40 hours per week shall be paid at time and one-half the hourly rate Monday through Friday. When working a five 8-hour day schedule and an Employer is prevented from working forty (40) hours Monday through Friday, or any part thereof, by reason of inclement weather, Saturday or any part thereof may be worked as a make-up day at the straight time rate. If an Employer is working a four 10-hour day schedule and loses a day due to inclement weather, he may work 10 hours Friday at straight time. All hours worked over the 40 hours Monday through Friday will be paid at 1 ½ overtime rate. A workday shift is to begin at the option of the Employer, between 6:00 a.m. and not later than 9:00 a.m. However, the project starting time may be advanced or delayed if required. If workmen are required to work the enumerated holidays or days observed as such or Sundays, they shall receive double (2) the regular rate of pay for such work. Overtime shall be computed at one-half (1/2) hour intervals. Shift: The Contractor may elect to work one, two or three shifts on any work. When operating on more than one shift, the shifts shall be known as the day shift, swing shift, and graveyard shift as such terms are recognized in the industry. When two shifts are worked on any operation, the shifts will consist of eight (8) or ten (10) hours exclusive of lunchtime. When three shifts are worked the first day or day shift will consist of eight (8) hours exclusive of lunchtime. The second or swing shift shall consist of seven and one-half (7 1/2) hours work for eight hours pay, exclusive of lunchtime, and the third or the graveyard shift shall consist of seven (7) hours work for eight (8) hours pay, exclusive of the lunchtime. All time in excess of normal shifts shall be considered overtime. Multiple shift (the two or three shift) operation will not be construed on the entire project if at any time it is deemed advisable and necessary for the Employer to multiple shift a specific operation. However, no shift shall be started between midnight and six a.m. except the graveyard shift on a three-shift operation, or except in an unusual or emergency situation. If an Employer starts a shift between midnight and 6 a.m. except the graveyard shift on a three-shift operation, he shall reimburse all employees for the entire shift at the double time rate. Completion of the second shift on a two-shift operation or completion of the graveyard shift on a three-shift operation that carries over into Saturday morning, shall be at the straight time rate. Overtime shall be computed at ½ hour intervals.

NO. 7: Means the regular work week shall start on Monday and end on Friday, except where the Employer elects to work Monday through Thursday, ten (10) hours per day. All work over ten (10) hours in a day or forty (40) hours in a week shall be at the overtime rate of one and one-half (1½) times the regular hourly rate. The regular work day shall be either eight (8) or ten (10) hours. If a job can't work forty (40) hours Monday through Friday because of inclement weather or other conditions beyond the control of the Employer, Friday or Saturday may be worked as a make-up day at straight time (if working 4-10's). Saturday may be worked as a make-up day at straight time (if working 5-8's). Make-up days shall not be utilized for days lost due to holidays. A workday is to begin at the option of the Employer but not later than 11:00 a.m. except when inclement weather, requirements of the owner or other conditions beyond the reasonable control of the Employer prevent work. Except as worked as a make-up day, time on Saturday shall be worked at one and one-half (1½) times the regular rate. Work performed on Sunday shall be paid at two (2) times the regular rate. Work performed on recognized holidays or days observed as such, shall also be paid at the double (2) time rate of pay.

NO. 9: Eight (8) hours shall constitute a work day between the hours of 7:00 a.m. and 4:30 p.m. Forty (40) hours within five (5) days, Monday through Friday inclusive, shall constitute the work week. Work performed in the 9th and 10th hour, Monday through Friday, shall be paid at time and one-half (1½) the regular straight time rate of pay. Contractor has the option to pay two (2) hours per day at the time and one-half (1½) the regular straight time rate of pay between the hours of 6:00 a.m. and 5:30 p.m., Monday through Friday. Work performed in the first eight (8) hours on Saturday shall be paid at the rate of one and eight tenths (1.8) the regular straight time rate. Work performed outside these hours and on Sundays and recognized legal holidays, or days celebrated as such, shall be paid for at the rate of double (2) time.

**BOONE COUNTY
OVERTIME SCHEDULE – HEAVY CONSTRUCTION**

21: Means the regular workday for which employees shall be compensated at straight time hourly rate of pay shall, unless otherwise provided for, begin at 8:00 a.m. and end at 4:30 p.m. However, the project starting time may be advanced or delayed at the discretion of the Employer. At the discretion of the Employer, when working a five (5) day or eight (8) hour schedule, Saturday may be used for a make-up day. If an Employer is prohibited from working on a Saturday, that employer may work the following Saturday at the straight time rate. However, the Employer may have the option to schedule his work from Monday through Thursday at ten (10) hours per day at the straight time rate of pay with hours in excess of ten (10) hours in any one day to be paid at the applicable overtime rate. If the Employer elects to work from Monday through Thursday and is stopped due to circumstances beyond his control, he shall have the option to work Friday or Saturday at the straight time rate of pay to complete his forty (40) hours. If an Employer is prohibited from working on a holiday, that Employer may work the following Friday or Saturday at the straight time rate. Overtime shall be paid at one and one-half (1½) times the regular rate. If workmen are required to work the enumerated holidays or days observed as such, or Sundays, they shall receive double (2) the regular rate of pay for such work.

22: Means a regular work week of forty (40) hours will start on Monday and end on Friday. The regular work day shall be either eight (8) or ten (10) hours. If a crew is prevented from working forty (40) hours Monday through Friday, or any part thereof by reason of inclement weather, Saturday or any part thereof may be worked as a make-up day at the straight time rate. Employees who are part of a regular crew on a make-up day, notwithstanding the fact that they may not have been employed the entire week, shall work Saturday at the straight time rate. A workday is to begin between 6:00 a.m. and 9:00 a.m. However, the project starting time may be advanced or delayed if mutually agreed to by the interested parties. For all time worked on recognized holidays, or days observed as such, double (2) time shall be paid.

28: Means a regular work week of forty (40) hours will start on Monday and end on Friday. The regular work day shall be either eight (8) or ten (10) hours. If a crew is prevented from working forty (40) hours Monday through Friday, or any part thereof by reason of inclement weather, Saturday or any part thereof may be worked as a make-up day at the straight time rate. Employees who are part of a regular crew on a make-up day, notwithstanding the fact that they may not have been employed the entire week, shall work Saturday at the straight time rate. A workday is to begin between 6:00 a.m. and 9:00 a.m. However, the project starting time may be advanced or delayed if mutually agreed to by the interested parties. For all time worked on recognized holidays, or days observed as such, double (2) time shall be paid.

32: Means the overtime rate shall be time and one-half the regular rate for work over forty (40) hours per week. Saturdays and Holidays shall be paid at double the straight time rate.

**BOONE COUNTY
HOLIDAY SCHEDULE – HEAVY CONSTRUCTION**

NO. 4: All work performed on New Year's Day, Memorial Day, Independence Day, Labor Day, Thanksgiving Day, Christmas Day, or observed as such, shall be paid at the double time rate of pay. When a Holiday falls on a Sunday, Monday shall be observed. No work shall be performed on Labor Day, except in case of jeopardy to life or property. This is applied to protect Labor Day.

NO. 5: The following days are recognized as holidays: New Year's Day, Memorial Day, Fourth of July, Labor Day, Thanksgiving Day and Christmas Day. If a holiday falls on a Sunday, it shall be observed on the following Monday. If a holiday falls on a Saturday, it shall be observed on the preceding Friday. No work shall be performed on Labor Day except in case of jeopardy to work under construction. This rule is applied to protect Labor Day. When a holiday falls during the normal work week, Monday through Friday, it shall be counted as eight (8) hours toward a forty (40) hour week; however, no reimbursement for this eight (8) hours is to be paid the workman unless worked. If workmen are required to work the above recognized holidays or days observed as such, or Sundays, they shall receive double (2) the regular rate of pay for such work. The above shall apply to the four 10's Monday through Friday work week. The ten (10) hours shall be applied to the forty (40) hour work week.

NO. 12: All work performed on New Year's Day, Memorial Day, Fourth of July, Labor Day, Veteran's Day, Thanksgiving Day, Christmas Day, or days celebrated as such, shall be paid at the double time rate of pay. When one of the foregoing holidays falls on Sunday, it shall be celebrated on the following Monday. When one of the foregoing holidays falls on Saturday, it shall be celebrated on the Friday before the holiday.

NO. 16: The following days are recognized as holidays: New Year's Day, Memorial Day, Fourth of July, Labor Day, Thanksgiving Day and Christmas Day. If a holiday falls on Sunday, it shall be observed on the following Monday. If a holiday falls on Saturday, it shall be observed on the preceding Friday. No work shall be performed on Labor Day except in case of jeopardy to work under construction. This rule is applied to protect Labor Day. When a holiday falls during the normal work week, Monday through Friday, it shall be counted as eight (8) hours toward the forty (40) hour week; however, no reimbursement for this eight (8) hours is to be paid to the worker unless worked. If workers are required to work the above recognized holidays or days observed as such, they shall receive double (2) the regular rate of pay for such work.

NO. 19: The following days are recognized as holidays: New Year's Day, Memorial Day, Independence Day, Labor Day, Thanksgiving Day and Christmas Day. If a holiday falls on a Sunday, it shall be observed on the following Monday. No work shall be performed on Labor Day except in case of jeopardy to work under construction. This rule is applied to protect Labor Day. When a holiday falls during the normal work week, Monday through Friday, it shall be counted as eight (8) hours toward the forty (40) hour week; however, no reimbursement for this eight (8) hours is to be paid the workmen unless worked. An Employer working a four (4) day, ten (10) hour schedule may use Friday as a make up day when an observed holiday occurs during the work week. Employees have the option to work that make up day. If workmen are required to work the above enumerated holidays, or days observed as such, they shall receive double (2) the regular rate of pay for such work.

NO. 27: The following days are recognized as holidays: New Year's Day, Memorial Day, Independence Day, Labor Day, Thanksgiving Day and Christmas Day. If a holiday falls on a Sunday, it shall be observed on the following Monday. No work shall be performed on Labor Day except in case of jeopardy to work under construction. This rule is applied to protect Labor Day. When a holiday falls during the normal work week, Monday through Friday, it shall be counted as eight (8) hours toward the forty (40) hour week; however, no reimbursement for this eight (8) hours is to be paid the workmen unless worked. An Employer working a four (4) day, ten (10) hour schedule may use Friday as a make up day when an observed holiday occurs during the work week. Employees have the option to work that make up day. If workmen are required to work the above enumerated holidays, or days observed as such, they shall receive double (2) the regular rate of pay for such work.

NO. 31: All work performed on New Year's Day, Presidents' Day, Veterans' Day, Good Friday, Decoration Day, Fourth of July, Labor Day, Christmas Eve Day, Christmas Day, Thanksgiving Day and Day after Thanksgiving or days celebrated for the same.

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APPENDIX B

STANDARD TERMS AND CONDITIONS-CONTRACT WITH BOONE COUNTY, MISSOURI

1. Responses shall include all charges for packing, delivery, installation, etc., (unless otherwise specified) to the Boone County Department identified in the Request for Bid and/or Proposal.
2. The Boone County Commission has the right to accept or reject any part or parts of all bids, to waive technicalities, and to accept the offer the County Commission considers the most advantageous to the County. Boone County reserves the right to award this bid on an item-by-item basis, or an "all or none" basis, whichever is in the best interest of the County.
3. Bidders must use the bid forms provided for the purpose of submitting bids, must return the bid and bid sheets comprised in this bid, give the unit price, extended totals, and sign the bid.
4. When products or materials of any particular producer or manufacturer are mentioned in our specifications, such products or materials are intended to be descriptive of type or quality and not restricted to those mentioned.
5. Do not include Federal Excise Tax or Sales and Use Taxes in bid process, as law exempts the County from them.
6. The delivery date shall be stated in definite terms, as it will be taken into consideration in awarding the bid.
7. The County Commission reserves the right to cancel all or any part of orders if delivery is not made or work is not started as guaranteed. In case of delay, the Contractor must notify the Purchasing Department.
8. In case of default by the Contractor, the County of Boone will procure the articles or services from other sources and hold the Bidder responsible for any excess cost occasioned thereby.
9. Failure to deliver as guaranteed may disqualify Bidder from future bidding.
10. Prices must be as stated in units of quantity specified, and must be firm. Bids qualified by escalator clauses may not be considered unless specified in the bid specifications.
11. No bid transmitted by fax machine or **e-mail** will be accepted. **U.S. mail only.**
12. The County of Boone, Missouri expressly denies responsibility for, or ownership of any item purchased until same is delivered to the County and is accepted by the County.
13. The County reserves the right to award to one or multiple respondents. The County also reserves the right to not award any item or group of items if the services can be obtained from a state or other governmental entities contract under more favorable terms.
14. The County, from time to time, uses federal grant funds for the procurement of goods and services. Accordingly, the provider of goods and/or services shall comply with federal laws, rules and regulations applicable to the funds used by the County for said procurement, and contract clauses required by the federal government in such circumstances are incorporated herein by reference. These clauses can generally be found in the Federal Transit Administration's Best Practices Procurement Manual – Appendix A. Any questions regarding the applicability of federal clauses to a particular bid should be directed to the Purchasing Department prior to bid opening.
15. In the event of a discrepancy between a unit price and an extended line item price, the unit price shall govern.
16. Should an audit of Contractor's invoices during the term of the Agreement, and any renewals thereof, indicate that the County has remitted payment on invoices that constitute an over-charging to the County above the pricing terms agreed to herein, the Contractor shall issue a refund check to the County for any over-charges within 30-days of being notified of the same.

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APPENDIX C

PROJECT PLANS AND/OR DETAILS

The Project Plans and/or Details are provided separate from these Specifications but shall be considered part of the contract documents as if included herein.

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Search Results

Current Search Terms: APAC-Missouri Inc.*

Your search for ""APAC-Missouri" Inc. *" returned the following results...

Notice: This printed document represents only the first page of your SAM search results. More results may be available. To print your complete search results, you can download the PDF and print it.

Entity	APAC-MISSOURI, INC.	Status: Active
DUNS: 041874546	CAGE Code: 1TMZ0	View Details
Has Active Exclusion?: No	DoDAAC:	

SAM | System for Award Management 1.0

IBM v1.1149.20130801-1829

Note to all Users: This is a Federal Government computer system. Use of this system constitutes consent to monitoring at all times.



CERTIFIED COPY OF ORDER

STATE OF MISSOURI }
County of Boone } ea.

October Session of the July Adjourned

Term. 20 13

In the County Commission of said county, on the 3rd day of October 20 13

the following, among other proceedings, were had, viz:

Now on this day the County Commission of the County of Boone does hereby approve the proposal for consultant services with Engineering Surveys and Services for geotechnical engineering for repair work to Angel Lane. The terms of the agreement are stipulated in the attached proposal. It is further ordered the Presiding Commissioner is hereby authorized to sign said proposal.

Done this 3rd day of October, 2013.

ATTEST:

Wendy S. Noren
Wendy S. Noren
Clerk of the County Commission

Daniel K. Atwill
Daniel K. Atwill
Presiding Commissioner

Karen M. Miller
Karen M. Miller
District I Commissioner

Janet M. Thompson
Janet M. Thompson
District II Commissioner

9/26/13

**REQUEST
DATE**

**PURCHASE REQUISITION
BOONE COUNTY, MISSOURI**

2064

VENDOR NO.

Engineering Surveys & Services

VENDOR NAME

Professional Services

BID NUMBER

Ship to Department # 2045

Bill to Department # 2045

Department	Account	Item Description	Qty	Unit Price	Amount
2045	71102	Geotechnical engineering of repair plans and compaction testing during construction for Angel Lane	Not to	Exceed	\$11,000.00

GRAND TOTAL: 11,000.00

I certify that the goods, services or charges above specified are necessary for the use of this department, are solely for the benefit of the county, and have been procured in accordance with statutory bidding requirements.

[Signature]
Approving Official

[Signature]
Prepared By

COJ 9/26/13
Auditor Approval

447-2013

APPROVAL OF PROPOSAL FOR CONSULTANT SERVICES

Effective the _____ day of September, 2013, Boone County, Missouri, a political subdivision of the State of Missouri through its County Commission (herein "Owner") hereby approves and authorizes professional services by the Consultant referred to below for the services specified herein.

Consultant Name: Engineering Surveys and Services

Project/Work Description: Geotechnical engineering for repair work to Angel Lane.

Proposal Description: Scope of services to be provided are: 1) prepare pavement repair plans and specifications for full depth reclamation on Angel Lane; with no changes to the geometrice design of the road and 2) provide compaction testing during construction.

Modifications to Proposal: Fees and expenses shall not exceed \$11,000.00 without prior written approval of Owner.

This form agreement and any attachments to it shall be considered the approved proposal; signature by all parties below constitutes a contract for services in accordance with the above described proposal and any approved modifications to the proposal, both of which shall be in accordance with the terms and conditions of the General Consultant Services Agreement signed by the Consultant and Owner for the current calendar year on file with the Boone County Resource Management Department, which is hereby incorporated by reference. Performance of Consultant's services and compensation for services shall be in accordance with the approved proposal and any approved modifications to it and shall be subject to and consistent with the General Consultant Services Agreement for the current calendar year. In the event of any conflict in interpretation between the proposal approved herein and the General Consultant Services Agreement, or the inclusion of additional terms in the Consultant's proposal not found in the General Consultant Services Agreement, the terms and conditions of the General Consultant Services Agreement shall control unless the proposal approved herein specifically identifies a term or condition of the General Consultant Services Agreement that shall not be applicable or this Approval of Proposal indicates agreement with a specific term or terms of Consultant's proposal not found in the General Consultant Services Agreement.

Engineering Surveys & Services

By [Signature]
Title Managing Partner
Dated: 9/24/13

BOONE COUNTY, MISSOURI

By [Signature]
Presiding Commissioner
Dated: 10-3-13

APPROVED AS TO FORM:

[Signature]
County Attorney

ATTEST:

[Signature]
County Clerk

APPROVED:

[Signature]
Resource Management Director

Certification:

I certify that this contract is within the purpose of the appropriation to which it is to be charged and there is an unencumbered balance of such appropriations sufficient to pay the costs arising from this contract.

[Signature] 9/26/13
Auditor by [Signature] Date 2045-71102

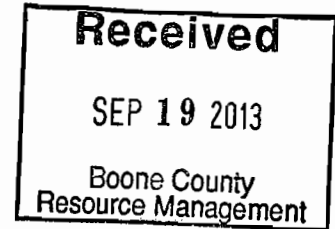
Engineering Surveys and Services

Consulting Engineers, Geologists, and Land Surveyors
Analytical and Materials Laboratories

1113 Fay Street
Columbia, Missouri 65201
Telephone 573-449-2646
Facsimile 573-499-1499

E-Mail ess@ESS-Inc.com
<http://www.ESS-Inc.com>

September 16, 2013



Mr. Derin Campbell
Boone County Resource Management
801 East Walnut Street
Columbia, MO 65201

Re: Professional Service Proposal
Angel Lane Reconstruction
Boone County, Missouri

Dear Mr. Campbell:

We have reviewed the work involved to prepare a full depth reclamation pavement repair plan for Angel Lane. Additionally, we have provided cost for the construction phase services. Our scope of services will include preparing pavement repair plans and specifications and providing compaction testing during construction. We understand that no changes are to be made to the geometric design of the road and that mix designs are not required for the full depth reclamation, as 6% cement will be utilized.

We are prepared to provide these services for a not to exceed fee of \$11,000. All billing for these services will be on a time expended basis in accordance with the attached fee schedule with payment terms of net 30 days from the date of invoice.

I trust this provides the information you requested. We appreciate the opportunity to submit this proposal and look forward to working with you on this project. Should you have any questions or need any additional information regarding our services, please contact me.

Respectfully submitted,

A handwritten signature in black ink that reads "Joshua D. Lehmen". The signature is written in a cursive style.

Joshua D. Lehmen, PE

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HOURLY FEE SCHEDULE

January 1, 2013

<u>Services of:</u>	<u>Rate:</u>
Firm Principal	\$110-150 /hour
Registered Professional Engineer	\$ 90-120 /hour
Registered Professional Land Surveyor	\$ 90-120 /hour
Project Surveyor	\$ 60-90 /hour
Engineer In Training	\$ 65-90 /hour
Engineering Technician	\$ 42-55 /hour
CAD Operator	\$ 45-70 /hour
Administrative Support	\$ 45-50 /hour
2 Man Field Crew	\$130-190 /hour
3 Man Field Crew	\$140-220 /hour
Computer	\$ 50 /hour
EDM Equipment	\$100 /day
Global Positioning System Equipment	\$200 /day
Drill Rig	\$ 100-\$150 /hour
Large Format Copies	\$ 3.50-\$ 5.50 each
Photocopies	\$ 0.20 each
Travel	\$ 0.60/mile

NOTES

1. The exact rate for field crew depends upon the composition of the crew involved.
2. Since charges are based on salary multiplier, all rates are subject to minor fluctuations as salaries change.
3. Overtime charges at 1.4 times above rates.

Other Offices
Jefferson City, Missouri • Sedalia, Missouri

Engineering Surveys and Services

Consulting Engineers, Geologists, and Land Surveyors
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January 1, 2013
Page 1 of 6

SCHEDULE OF LABORATORY TESTING FEES

WASTEWATER AND WATER ANALYSIS

UNIT PRICE

Biochemical Oxygen Demand (5-day BOD)	\$ 41.00
Chemical Oxygen Demand (COD)	38.00
Fecal Coliform Bacteria	30.00
E. Coli	29.00
Total Coliform Bacteria	100.00
Dissolved Oxygen (DO)	12.00
Hydrogen Sulfide	12.00
Total Solids (Residue/Matter)	14.00
Total Filterable (Dissolved)	15.00
Total Nonfilterable (Suspended)	16.00
Total Volatile Solids	15.00
Settleable Solids	14.00
pH	8.00
Acidity	12.00
Alkalinity	12.00
Bicarbonate Alkalinity	12.00
Carbonate Alkalinity	12.00
Phenolphthalein Alkalinity	12.00
Carbonate Hardness	20.00
Noncarbonate Hardness	21.00
Conductivity	9.00
Grease & Oil	40.00
Grease & Oil, Soxhlet	70.00
Turbidity	12.00
Specific Gravity	14.00
"NO DISCHARGE" NPDES Report	50.00
Sample Preparation when Required Two Hour Minimum Charge.	Hourly

SCHEDULE OF LABORATORY TESTING FEES

ANALYSIS FOR ELEMENTS & METALS

	<u>UNIT PRICE</u>		<u>UNIT PRICE</u>
Aluminum	\$ 17.00	Magnesium (Mg)	\$ 17.00
Antimony (Sb)	31.00	Manganese (Mn)	17.00
Ammonia (NH ₄)	20.00	Mercury (Hg)	35.00
Arsenic (As)	32.00	Molybdenum (Mo)	17.00
Barium (Ba)	17.00	Nickel (Ni)	17.00
Beryllium (Be)	23.00	Nitrogen (N)	12.00
Bismuth (Bi)	32.00	Nitrate (NO ₃)	20.00
Boron (B)	23.00	Nitrite (NO ₂)	20.00
Cadmium (Cd)	18.00	Organic Nitrogen	12.00
Calcium (Ca)	17.00	Phenols	63.00
Carbon, Organic (TOC)	35.00	Phosphorous, Total	24.00
Chloride (Cl)	19.00	Phosphate, Ortho	23.00
Chlorine, Demand	33.00	Potassium (K)	17.00
Chlorine, Residual	20.00	Selenium (Se)	32.00
Chromium (Cr)	17.00	Silicon (Si)	19.00
Chromium, Hex.(Cr-VI)	20.00	Silver (Ag)	17.00
Cobalt (Co)	17.00	Sodium (Na)	17.00
Copper (Cu)	17.00	Sulfate (SO ₄)	18.00
Cyanide (Cn)	40.00	Sulfide (S)	18.00
Cyanide, ATC (Cn)	23.00	Sulfite (SO ₃)	18.00
Fluoride (F)	24.00	Thallium (Tl)	32.00
Iodine (I)	23.00	Tin (Sn)	32.00
Iron (Fe)	17.00	Titanium (Ti)	24.00
Kjeldahl Nitrogen	33.00	Vanadium (V)	32.00
Lead (Pb)	17.00	Zinc (Zn)	17.00
Lithium (Li)	32.00		

Sample Preparation when Required, Two Hour Minimum Charge

Hourly

All metals shown are quoted per analysis for "dissolved" concentration.

- Analysis for "total" metal concentration will be performed for an additional cost of \$13.00 per sample.

January 1, 2013

Page 3 of 6

SCHEDULE OF LABORATORY TESTING FEES

<u>ORGANIC ANALYSIS</u>	<u>UNIT PRICE</u>
Pesticides	\$ 190.00
Herbicides	225.00
Polychlorinated Biphenyls (PCB)	
In Water	220.00
In Transformer Oil	220.00
In Tissue	220.00
In Sediment/Soil	220.00
Trihalomethanes	145.00
Volatile Organic Compounds (VOC)	255.00
BTEX (Benzene, Toluene, Ethylbenzene, Xylene)	220.00
Sample Preparation when Required	Hourly
Two Hour Minimum Charge.	

SCHEDULE OF LABORATORY TESTING FEES

MRBCA Volatiles – List 1
EPA Method 5035/8260B

Soil \$97.00 Water \$88.00

Benzene
Toluene
Ethylbenzene
Xylenes (mixed)
Ethylene Dibromide (EDB)
Ethylene Dichloride (EDC)
Methyl-tert-butyl-ether(MTBE)
TPH-GRO
Tertiary-amyl-methyl-ether (TAME)
Tertiary-butyl- alcohol (TBA)
Ethyl-tert-butyl-ether (ETBE)
Di-isopropyl ether (DIPE)

Surrogates

Dibromofluoromethane
Toluene – d8
Bromofluorobenzene

MRBCA Volatiles – List 2 (Water Only)
EPA Method 8015

Water \$94.00

Ethanol
Methanol

MRBCA Metals EPA Method 6010B/6020

Soil \$116.00 Water \$110.00

Arsenic Chromium (VI)
Barium Lead
Cadmium Selenium
Chromium (III)

LEAD ONLY \$22.50

MRBCA Semivolatiles – List 2 (PAH)
EPA Method 8270

Soil \$97.00 Water \$88.00

Acenaphthene
Anthracene
Benzo(a)anthracene
Benzo(a)pyrene
Benzo(b)fluoranthene
Benzo(k)fluoranthene
Chrysene
Dibenzo(a,h)anthracene
Fluoranthene
Fluorene
Naphthalene
Pyrene

Surrogates

Nitrobenzene – d5
2 - Fluorobiphenyl
p – Terphenyl – d14

MRBCA Semivolatiles – List 1 (TPH)
MEPA Method 8270C

Soil \$97.00 Water \$88.00

TPH-DRO
TPH-ORO

TERRA Core Sampling Kit

\$14.00 each

SCHEDULE OF LABORATORY TESTING FEES

CONCRETE

UNIT PRICE

*Cylinder-compressive strength	\$ 14.50
Cylinder-compressive strength made by others	\$19.50
Cylinder molds, each	1.50
Mix Design	By Quote
Slump, Air Content & Cylinders	Hourly
Core Drilling and Testing	By Quote
Special handling of cores or irregular size specimens	Hourly
Cylinder pickup made by others	Hourly

AGGREGATE

Sieve Analysis, dry	85.00
Sieve Analysis, wet	85.00
Materials finer than #200 sieve by washing	110.00
Specific gravity & absorption	110.00
Unit weight	65.00
Organic impurities in fine aggregate (colorimetric)	40.00
Lightweight pieces (coal & lignite)	85.00
Clay lumps & Friable Particles	80.00
Chert content of coarse aggregate	60.00
Thin or Elongated Pieces in coarse aggregate	60.00
Soundness by Sodium or Magnesium Sulfate (5 cycle)	250.00
Freeze-Thaw	200.00
Los Angeles Abrasion of coarse aggregate	170.00

ASPHALT

Density and Stability (1 sample)	50.00
Density and Stability (3 samples)	72.00
Extraction Test for Oil	65.00
Sieve Analysis of Extracted Aggregates	55.00

STRUCTURAL STEEL

Welded and Bolted Connections	Hourly
Ultra-Sonic Weld Testing Equipment	150.00 per day
Two Hour Minimum Charge.	
*Cylinder pickup included in Columbia, Sedalia and Jefferson City.	

SCHEDULE OF LABORATORY TESTING FEES

<u>SOIL</u>	<u>UNIT PRICE</u>
Classification Tests:	
Moisture Content	\$ 10.00
Particle-Size Analysis, wet sieve	120.00
Particle-Size Analysis, hydrometer	120.00
Material finer than #200 sieve	110.00
Specific Gravity	80.00
Atterberg Limits (LL, PL & PI)	100.00
Shrinkage Limit	85.00
Dry Density of undisturbed sample	40.00
Fractional Organic Carbon	70.00
Shear Tests:	
Unconfined Compression (qu)	70.00
Triaxial (Q), multistage	300.00
Compressibility Tests:	
Consolidation	335.00
Swell	220.00
Compaction Tests:	
Standard Proctor	180.00
Modified Proctor	230.00
Field Density Testing – Nuclear Meter	Hourly plus 10.00
California Bearing Ratio	190.00
Permeability	
Flexible Wall Permeability	320.00
Falling-head Permeability	270.00
Drilling and Sampling:	
Equipment and Crew	By Quote
3" Diameter Shelby Tubes	16.00
Sample Jars	2.00
Sample Preparation when required	Hourly
Two Hour Minimum Charge.	

CERTIFIED COPY OF ORDER

October Session of the July Adjourned

Term. 20 13

STATE OF MISSOURI }
County of Boone } ea.

In the County Commission of said county, on the 3rd day of October 20 13

the following, among other proceedings, were had, viz:

Now on this day the County Commission of the County of Boone does hereby declare the month of October 2013 as Cyber Security Awareness Month. It is further ordered the Boone County Commissioners are hereby authorized to sign the attached proclamation

Done this 3rd day of October, 2013.

ATTEST:

Wendy S. Noren
Wendy S. Noren
Clerk of the County Commission

Daniel K. Atwill
Daniel K. Atwill

Presiding Commissioner

Karen M. Miller

Karen M. Miller

District I Commissioner

Janet M. Thompson

Janet M. Thompson

District II Commissioner

Proclamation for National Cyber Security Awareness Week

Whereas, Boone County recognizes the vital role that technology plays in our everyday lives and, as citizens, businesses, schools and organizations increasingly rely upon the internet to conduct business, connect with others, manage personal finances, increase knowledge and enhance education, in the shaping of our future as well;

Whereas, Boone County understands critical infrastructure sectors are increasingly reliant on information systems to support financial services, energy, telecommunications, transportation, utilities, health care and emergency response systems;

Whereas, internet users and our information infrastructure face an increasing threat of malicious cyber attack, significant financial and personal privacy losses due to identity theft and fraud;

Whereas, maintaining the security of cyberspace is a shared responsibility in which each of us has a critical role, and awareness of computer security essentials will improve the security of Boone County information infrastructure and economy;

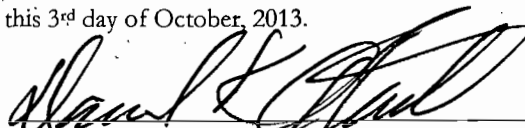
Whereas, the Boone County Information Technology Department strives to be aware of the latest threats to cyber security and how to defend against them and to educate Boone County employees of the importance of diligence when conducting business using the internet;

Whereas, the U.S. Department of Homeland Security has established the Office of Cybersecurity and Communications and devoted resources within it solely to support the strengthening and securing of the country's cyber infrastructure at the state, local, tribal, and territorial levels;

Whereas, the U.S. Department of Homeland Security, the Multi-State Information Sharing and Analysis Center, the National Association of State Chief Information Officers and the National Cyber Security Alliance have declared October as National Cyber Security Awareness Month; and all citizens are encouraged to visit the sites of these organizations, along with the Stop.Think.Connect Campaign website, to learn about cyber security and put that knowledge into practice in their homes, schools, workplaces and businesses;

Therefore, in an effort to raise awareness of the importance of cyber security and in recognition of those who work daily to maintain this security in our community, the Boone County Commission does hereby declare the month of October 2013 as Cyber Security Awareness Month.

IN TESTIMONY WHEREOF, this 3rd day of October, 2013.


Daniel K. Atwill, Presiding Commissioner

Karen M. Miller, District I Commissioner

Janet M. Thompson, District II Commissioner

ATTEST:

Wendy S. Noren, County Clerk

CERTIFIED COPY OF ORDER

STATE OF MISSOURI }
County of Boone } ea.

October Session of the July Adjourned

Term. 20 13

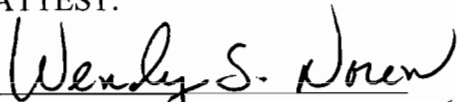
In the County Commission of said county, on the 3rd day of October 20 13

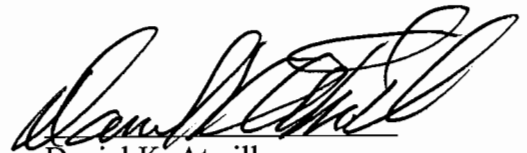
the following, among other proceedings, were had, viz:

Now on this day the County Commission of the County of Boone does hereby approve the payment of \$14,872.12 to the Office of Emergency Management for expenses incurred for the period of July 1, 2013 through September 30, 2013.

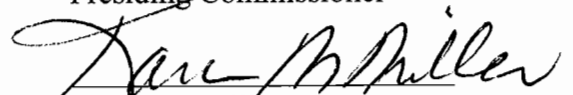
Done this 3rd day of October, 2013.

ATTEST:

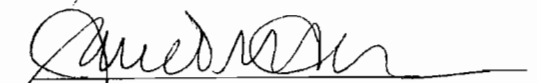

Wendy S. Noren
Clerk of the County Commission



Daniel K. Atwill
Presiding Commissioner



Karen M. Miller
District I Commissioner



Janet M. Thompson
District II Commissioner

Invoice



Office of Emergency Management
 2201 Interstate 70 Drive NW
 Columbia, MO 65202
 OFFICE: 573-447-5070
 FAX: 573-447-5079

Date	Invoice #
9/30/2013	7

Bill To

Boone County Commission
 801 E Walnut, Room 333
 Columbia, MO 65201

P.O. No.

3rd Qtr

Quantity	Description	Rate	Serviced	Amount
1	July 1 through September 30 OEM Total Expenses were \$72,784.57 - City 2/3 \$29,585.85, County 1/3 \$14,872.12 and EMPG Grant \$28,326.60	14,872.12		14,872.12
Total				\$14,872.12
Payments/Credits				\$0.00
Balance Due				\$14,872.12

Meta Kanago - Re: January - March OEM Invoice

From: June Pitchford
To: Beverly Brammer; Dan Atwill
Date: 6/3/2013 11:38 AM
Subject: Re: January - March OEM Invoice
CC: CJ Dykhouse; Janet Thompson; Jason Gibson; Karen Miller; Meta Kanago

Beverly,

You will need to attach a commission order approving the payment to the Pay Req; perhaps Mike can schedule it for a 1st reading on tomorrow's agenda.

For account coding, you'll use the same as was used for the contract with the city, #1287-86670.

Thanks,
June

>>> Dan Atwill <datwill@boonecountymo.org> 6/3/2013 11:15 AM >>>
Yes pls pay

Dan Atwill
Sent from my iPhone

On Jun 3, 2013, at 10:43 AM, "Beverly Brammer" <bbrammer@boonecountymo.org> wrote:

Karen,

So you want me to go ahead and process this invoice? Or do you want me to wait? Thanks!

Beverly Brammer
Commission Secretary
801 E. Walnut Rm 333
Columbia, MO 65201
P: (573) 886-4305

>>> Karen Miller 5/28/2013 9:17 AM >>>

I think we should get an email from the city manager confirming the amount that they will not be charging and the fire district will be for our records. I think we should ask CJ to develop an MOU between Boone, city and BCFPD to carry us through the transistion.
Karen

Karen M. Miller
District I Commissioner
Boone County MO
801 E. Walnut, Room 245
Columbia, MO 65201
573-886-4308
kmiller@boonecountymo.org

>>> June Pitchford 5/25/2013 6:41 PM >>>

Beverly,

The Commission Office handles the JCIC/Emergency Services budget (#1287), so you'll need this invoice from the Fire District in order to prepare the payment requisition.

My understanding is that beginning in Jan 2013, the Fire Dist. agreed to handle Emergency Management Services (rather than the City of Columbia) but to my knowledge there is no formal contract in place between the City, County, and Fire District regarding this new arrangement. Since there is no contract against which I can certify this invoice, I think the best solution is for you to obtain a commission order approving the invoice and attach it to payment req along with the invoice. You'll need to do this for each quarterly invoice until a contract is executed.

Regarding the Bid Field on the pay req-- Meta and I will discuss and get back to you.

Thanks,
June

CERTIFIED COPY OF ORDER

STATE OF MISSOURI }
County of Boone } ea.

October Session of the July Adjourned

Term. 20 13

In the County Commission of said county, on the 3rd day of October 20 13

the following, among other proceedings, were had, viz:

Now on this day the County Commission of the County of Boone does hereby approve the attached job description for the new position Director, Community Services, Range 55, Position 800.

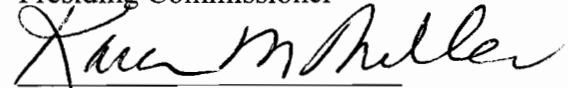
Done this 3rd day of October, 2013.

ATTEST:

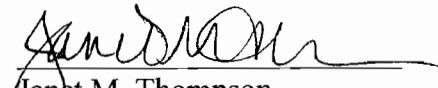
Wendy S. Noren
Wendy S. Noren
Clerk of the County Commission



Daniel K. Atwill
Presiding Commissioner



Karen M. Miller
District I Commissioner



Janet M. Thompson
District II Commissioner



BOONE COUNTY JOB DESCRIPTION

JOB TITLE: <u>Director, Community Services</u>	NEW: <u>X</u>	REVISED: _____ <small>(Please check one)</small>
REPORTS TO: <u>Commission</u>	FLSA: <u>Exempt</u>	DATE: <u>07/13</u>
DEPARTMENT: <u>Community Services</u>	JOB CODE: <u>100</u>	

DEFINITIONS:

This is an advanced position that receives general direction from the County Commission. The position has administrative and managerial responsibility for planning, directing and evaluating an integrated and coordinated human services program for Boone County.

ESSENTIAL FUNCTIONS: *(Essential functions, as defined under the Americans with Disabilities Act, may include the following tasks, knowledge, skills and other characteristics. This list of tasks is ILLUSTRATIVE ONLY, and is **not** a comprehensive listing of all functions and tasks performed by incumbents of this class.)*

Plans, establishes goals and objectives, directs, reviews, approves, and evaluates the Department's procedures, programs and services.

Develops and executes Department policies, rules, and regulations. Hires, assigns, briefs, deploys, and directs personnel; resolves employee grievances.

Prepares and administers the Department budget. Administers the purchase and requisition of services needed to meet the Department's goals. Seeks, evaluates and applies for grant opportunities that encompass the Department's mission.

Coordinates Department activities and services with other public and/or private organizations and ensures conformance with federal, state and local regulations. Coordinates departmental activities and services with other public and/or private organizations, represents the Department in interactions with other Boone County Departments (e.g., Purchasing, Human Resources) and Boone County elected officials (e.g., Auditor, Treasurer) and coordinates activities and planning processes with other Departments and the elected officials. Builds effective working relationships with County officials, Department Directors, and staff.

Develops and administers social services agency funding processes in coordination with Community Services Advisory Commission and Children's Services Board. Serves as technical advisor to the County Commission and the manager of the Children's Services Board.

Advises and confers with State legislators and the County Commission concerning human services policies and issues.

Negotiates and administers contracts, administers projects, engages in strategic planning and research, administers budget, monitors expenditures, reviews reports and invoices, administers Department evaluation processes; monitors contracts for compliance with established performance targets and develops process in the event of non-compliance.

Prepares and administers grants; assures maintenance of records and documentation of all programs and services.

Participates in coalitions, task forces, and other community groups and maintains effective working relationships with other County Departments, employees and the general public.

Performs related duties as needed or assigned.

KNOWLEDGE AND SKILL:

1. Thorough knowledge of theories, methods, and practices related to the effective provision of a variety of community and social services. Extensive knowledge of the local social service community and leaders.
2. Comprehensive knowledge of County, state and federal statutes, codes and regulations related to social service delivery.
3. Ability to plan, organize, coordinate and evaluate community service programs. Thorough knowledge of the needs and problems of socially disadvantaged people. Demonstrated leadership in local collaborative efforts on health and human services.
4. Skilled in the analysis of problems and able to evaluate and improve the efficiency and effectiveness of department resource utilization.
5. Thorough knowledge of grant preparation and administration and contract administration.
6. Ability to successfully direct and evaluate subordinate personnel.
7. Ability to communicate effectively, both orally and in writing. Ability to prepare and present program budgets, written reports and recommendations.

MINIMUM QUALIFICATIONS:

Bachelor's degree in Social Services, Public Administration or related field and five years of progressively responsible professional experience in community services or related field; or any equivalent combination of education and experience that provides the requisite knowledge, skills, and abilities.

APPROVALS:

Department Director: _____ Date: _____

(signature)

HR Director: _____ Date: _____

(signature)