RESOLUTION NO. R-14-07

A RESOLUTION TO AUTHORIZE THE AWARD OF A CONSTRUCTION CONTRACT TO BRYANT AND BRYANT CONSTRUCTION INC., LLC, FOR THE CONSTRUCTION OF THE KANSAS DEPARTMENT OF TRANSPORTATION (KDOT) KLINK PROJECT NUMBER NO. 166/169 U-0027-01, FOR THE LUMP SUM AMOUNT OF $846,290.40.

BE IT RESOLVED by the Board of Commissioners of the City of Coffeyville, Kansas that the Mayor and City Clerk be and are hereby authorized and directed to execute and authorize the award of a contract agreement with Bryant and Bryant Construction Inc., LLC, for the Kansas Department of Transportation KLINK Project No. US 166/169-63 U-01301, for the lump sum fee of $846,290.40.

ADOPTED THIS 11TH DAY OF FEBRAURY 2014.

_____
David George, Mayor

ATTEST:

_____
Cindy Price, City Clerk

APPROVED AS TO FORM AND LEGALITY:

_____
Paul Kritz, City Attorney

CITY OF COFFEYVILLE
BOARD OF COMMISSIONERS AGENDA ITEM

MEETING DATE	February 11, 2014	
RESOLUTION OR ORDINANCE NUMBER	R-14-07	
AGENDA TITLE	**2014-2015 KLINK PROJECT RECOMMENDATION FOR KDOT PROJECT NO. US 166/169-63 U-01301 AWARD CONTRACT TO BRYANT and BRYANT.**	
REQUESTING DEPARTMENT	Engineering	
PRESENTER	Scott Massman	
FISCAL INFORMATION	Cost as recommended:	$846,290.40 (with Alt. A)
	Budget Line Item:	520-5-220-868
	Balance Available	$846,290.40
	New Appropriation Required:	[X] Yes [ ] No
PURPOSE	Award Contract to Bryant and Bryant with Alternate A	

BACKGROUND	Bids we received for the 2015 KLINK were opened on January 30th 2015 with the following results: Bryant and Bryant Construction, Inc.: Base-$654.436.90 Alt. A-$127,353.50 Alt. B-$137,816.20 Total $919,606.60 Mission Construction Co.: Base-$685,766.60 Alt. A-$148,212.85 Alt. B-$160,566.35 Total- $994,545.80 Jeff Graham Construction, LLC Base-$842,118.30 Alt. A-$169,734.35 Alt. B-$184,073.05 Total- $1,195,925.70 B & B Bridge Co., LLC Base-$991,725.80 Alt. A-$234,543.85 Alt. B-$254,384.15 Total-$1,480,653.80 The proposed KLINK project is a concrete rehabilitation project on 11th Street from Buckeye to Walnut Street and a Novachip overlay project from Buckeye to East 8th Street. This process is as follows: The NOVACHIPTM Surface Treatment Process has the capability of placing a thin lift (½ inch – ¾ inch) of gap-graded hot mix wearing course over a polymer-modified tack coat/membrane using only one piece of equipment. This specialized

	equipment/paver can evenly distribute the polymer-modified membrane immediately in front of the paver augers and apply/level the wearing course concurrently at a rate of 30 to 92 feet per minute. This specialized paver incorporates a hopper to accept hot mix from trucks, a storage tank to hold the polymer-modified tack coat/membrane, emulsion spray bar, heated vibratory screed, auger system, and electronic controls for surface tolerance. Hot mix asphalt is delivered and laid at the specified lift thickness within 5 seconds of the polymer-modified membrane application. Because the polymer- modified emulsion is applied almost simultaneously with the hot mix, the emulsion rate can be increased. The typical application range for the polymer-modified membrane is 0.23 ± 0.07 gallons per square yard. The thicker emulsion seals the entire surface, including small cracks, and ensures bonding to the existing surface. The heat from the hot mix causes the emulsion to break quickly and wick upward into the bottom portion of the hot mix lift [2]. The hot mix is smoothed over the full lane width in one pass using a heated screed to ensure an even mat. Lift thicknesses of ½ - inch to 1 inch are typical. The City of Coffeyville used this type of overlay on South Walnut Street a few years ago and the product seems to be holding up well. The product provides good surface drainage to the edges of the road and also prevents backsplash from occurring. The product was developed in France about 25 years ago. KDOT as well as other government agencies are using this product. Funding for KLINK projects are a 50-50 matching funds with the state's participation in the cost of construction and construction engineering not to exceed $200,000.00. Construction engineering (Inspection) is estimated by Allgeier, Martin and Associates, Inc. as the following: Base-$54,000.00 Alt. A-$10,500.00 Alt. B-$10,625.00 Total-$75,125.00

ANALYSIS	Seeing that the total project is more than the expected costs of $800,000.00 it is staff's recommendation to award the base bid with Alternate A which with construction engineering would cost $846,290.40. This would leave Alternate B to be part of next year's KLINK request. This would exceed the expected project cost by $46,290.40. This would be an eighteen percent increase. The prices for concrete rehabilitation by Bryant and Bryant are at $100.00 per square yard. This price is reasonable compared to the other bids and because of this should be given consideration for adding alternate A. While this strategy might sense from a financial standpoint one might consider the fact that we have a good price for the pavement patching, perhaps we should do the entire project. If we do the entire project the cost with construction engineering is estimated to be $994,731.60. The last KDOT project we completed with Bryant and Bryant took approximately one half the expected time to complete plus we added another 1,000 feet of patching and won a national award. This being considered the adjusted cost at ½ the construction engineering fee would be a total of $957,169.10. It needs to be pointed out that the mobilization fee and the traffic control fee equal $141,750.00. Considering this it might be worth our time to complete the entire project which would be $194,731.60 overrun of the allowed $800,000 KDOT 50 percent match. Our finance department has looked over these numbers and feels if the commission wishes to complete the entire project funding is available.
PUBLIC INFORMATION PROCESS	
BOARD OR COMMISSION RECOMMENDATION	
STAFF RECOMMENDATION	Approve a contract with Bryant and Bryant for the 2014-2015 KLINK Project No. US 166/169-63 U-01301To include Alternate A for $846,290.40
REFERENCE DOCUMENTS ATTACHED	Letter of Recomendation-2015 KLINK-Bryant & Bryant.pdf, 2014-2015 KLINK OVERVIEW.pdf, 2015 KLINK bid Summary-1-30-2015.pdf, 2015 KLINK Bid Tab.pdf

ALLGEIER, MARTIN and ASSOCIATES, INC.
CONSULTING ENGINEERS and SURVEYORS
www.amce.com

February 3, 2014

Mr. Scott Massman, Director of Engineering
City of Coffeyville
P.O. Box 1629
Coffeyville, Kansas 67337

Re: Coffeyville, KS
PCCP Pavement Repair
KLINK 166/169-63-U-0134-01

Dear Mr. Massman:

We have reviewed the four (4) bids received January 30, 2014 for the construction of the referenced project, and subsequently prepared a tabulation of those bids. The total on the enclosed Tabulation of Bids show the amounts of the submitted bids.

It is the recommendation of this office that the City award the contract to Bryant and Bryant Construction, Inc. This recommendation is predicated upon the following:

1. Bryant and Bryant Construction, Inc. is the low responsive bidder, with a Base Bid , Alternate A, and Alternate B bids in the amount of $654,436.90, $127,353.50, and $137,816.20 respectively, for a total that calculates to an average of 11.6% below the engineers estimate of $1,040,870.77.
2. The Company's past performance and reputation on similar projects recently completed for the City of Coffeyville indicates they are capable of performing the work.
3. In 2010, this company also performed the same type of work on Highway 166 between Walnut and 8th Streets that received a National Award for paving excellence under the Concrete Paving Restoration category.
4. The Kansas Department of Transportation also recognizes Bryant and Bryant Construction as an approved highway contractor.
5. A recent conversation with company President Bud Bryant, suggests that they are comfortable with the submitted bid and the associated scope of work shown on the plans and indicated by the contract documents and specifications.

We ask that the City of Coffeyville review the enclosed documentation and advise this office which bid sections are to be awarded.

If you have any questions, please call.

Very truly yours,

ALLGEIER, MARTIN & ASSOCIATES, INC.

Michael Atkinson

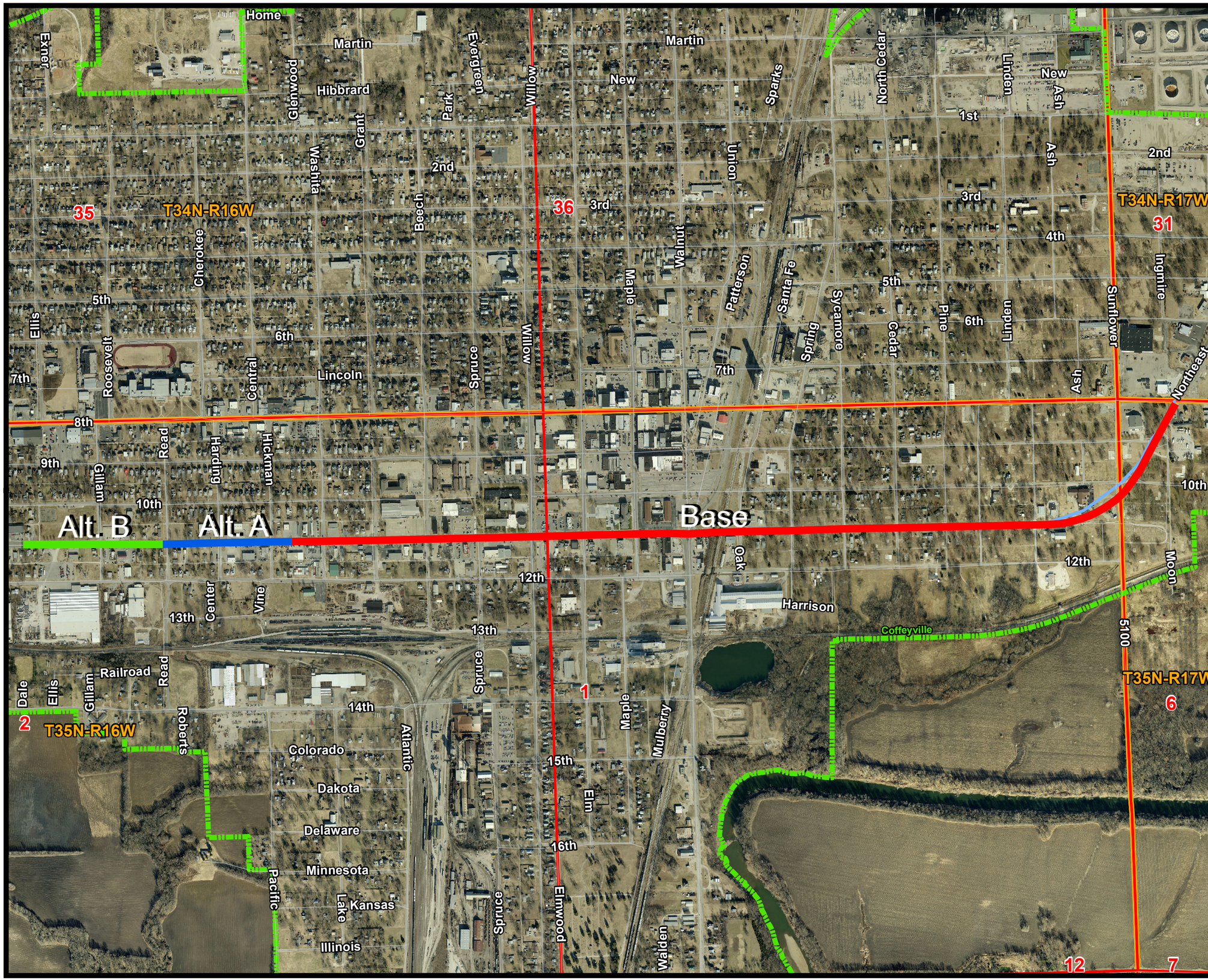
Michael Atkinson, P.E.

Enclosures

P. O. Box 2627
Joplin, MO 64803-2627

Main: (417) 680-7200
Fax: (417) 680-7300

7231 East 24th Street
Joplin, MO 64804



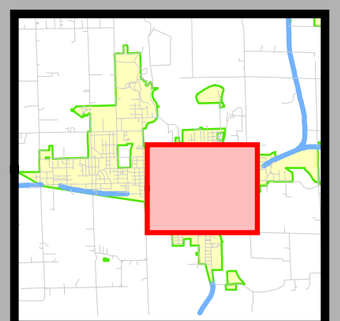
Coffeyville
KANSAS
Engineering Department
102 W 7th
COFFEYVILLE, KS 67337
VOICE: 620-252-6100
FAX: 620-252-6175
www.coffeyville.com

GIS System By: Midland GIS

1 in = 841 ft

KDOT 2014 KLINK

U.S. 166/169-63 U-0134-01



Tabulation Of Bids Summary - January 30, 2014
for KLINK Proj. No. US 166/169-63 U-0134-01
Fiscal Year 2014 in Coffeyville, Kansas

	Bryant and Bryant Construction, Inc. 703 McNair Halstead, KS 67056	**Mission Construction Co.** 101 St. Joseph St. Paul, KS 6671	**Jeff Graham Constr., LLC** 204 West New Coffeyville, KS 67337	**B & B Bridge Co., LLC** PO Box 38 St. Paul, KS 66771
Total Base Bid	$654,436.90	$685,766.60	$842,118.30	$991,725.80
Add Alt. A	$127,353.50	$148,212.85	$169,734.35	$234,543.85
Add Alt. B	$137,816.20	$160,566.35	$184,073.05	$254,384.15
Total Bid	**$919,606.60**	**$994,545.80**	**$1,195,925.70**	**$1,480,653.80**

Tabulation of Bids Received January 30, 2014
for KLINK Proj. No. US 166/169-63 U-0134-01
Fiscal Year 2014 in Coffeyville, Kansas

BASE BID (STATION 35+00 To 122+60)

Bid Item & Description	Qty.	Unit	Bryant and Bryant Construction, Inc. 703 McNair Halstead, KS 67056 Unit Price	Amount	Mission Construction Co. 101 St. Joseph St. Paul, KS 6671 Unit Price	Amount	Jeff Graham Constr., LLC 204 West New Coffeyville, KS 67337 Unit Price	Amount	B & B Bridge Co., LLC PO Box 38 St. Paul, KS 66771 Unit Price	Amount
1 PCCP Patching (11", Sound, Full Depth)	1,926	SY	$100.00	$192,600.00	$125.00	$240,750.00	$150.20	$289,285.20	$220.00	$423,720.00
2 Gutter (AE)	85	LF	$35.00	$2,975.00	$50.00	$4,250.00	$18.00	$1,530.00	$50.00	$4,250.00
3 Mobilization	1	LS	$100,000.00	$100,000.00	$85,000.00	$85,000.00	$185,000.00	$185,000.00	$120,000.00	$120,000.00
4 Pavement Marking Removal	7,171	LF	$0.10	$717.10	$0.50	$3,585.50	$0.50	$3,585.50 *	$0.50	$3,585.50
5 Pavement Marking (Temp.) 4" Broken	49	Sta/Line	$45.00	$2,205.00	$25.00	$1,225.00	$95.00	$4,655.00	$45.00	$2,205.00
6 Pavment Marking (Temp.) 4" Solid	423.8	Sta/Line	$65.00	$27,547.00	$40.00	$16,952.00	$95.00	$40,261.00	$100.00	$42,380.00
7 Pavement marking (Temp.) 4" Dotted	22	Sta/Line	$45.00	$990.00	$40.00	$880.00	$95.00	$2,090.00	$40.00	$880.00
8 Pavement Marking (Epoxy)(White)(6")	6,170	LF	$0.35	$2,159.50	$1.00	$6,170.00	$0.90	$5,553.00	$0.75	$4,627.50
9 Pavement Marking (Epoxy)(Yellow)(4")	21,000	LF	$0.25	$5,250.00	$0.75	$15,750.00	$0.60	$12,600.00	$0.50	$10,500.00
10 Traffic Control (Initial Setup)	1	LS	$41,750.00	$41,750.00	$35,000.00	$35,000.00	$35,000.00	$35,000.00	$60,000.00	$60,000.00
11 Flagger	1	HOUR	$25.00	$25.00	$50.00	$50.00	$13.00	$13.00	$500.00	$500.00
12 Channelizer (Portable)	28,096	EADA	$0.10	$2,809.60	$0.25	$7,024.00	$0.05	$1,404.80	$0.20	$5,619.20
13 T-Works Sign Assembly (City Furnish/Contractor Install)	2	EA	$300.00	$600.00	$250.00	$500.00	$500.00	$1,000.00	$750.00	$1,500.00
14 Work Zone Signs (0-9.25 sq.ft.)	3,954	EADA	$0.10	$395.40	$0.10	$395.40	$0.10	$395.40	$0.30	$1,186.20
15 Work Zone Signs (9.26-16.25 sq.ft.)	4,250	EADA	$0.15	$637.50	$0.10	$425.00	$0.20	$850.00	$0.35	$1,487.50
16 Work Zone Barricades (Type III)	1,998	EADA	$0.15	$299.70	$0.10	$199.80	$0.40	$799.20	$1.00	$1,998.00
17 Arrow Display	140	EADA	$7.00	$980.00	$15.00	$2,100.00	$5.00	$700.00	$25.00	$3,500.00
18 Work Zone Warning Light Type "A"	4,134	EADA	$0.15	$620.10	$0.10	$413.40	$0.30	$1,240.20	$0.35	$1,446.90
19 HMA Surface (Ultrathin Bonded)(Type A)	1,701	TON	$130.00	$221,130.00	$128.00	$217,728.00	$130.00	$221,130.00	$150.00	$255,150.00
20 Emulsified Asphalt (Emulsified Bonding Liquid)	44.9	TON	$540.00	$24,246.00	$565.00	$25,368.50	$540.00	$24,246.00	$600.00	$26,940.00
21 Grinding (Transition Headers)	1	LS	$5,000.00	$5,000.00	$6,000.00	$6,000.00	$5,000.00	$5,000.00	$15,000.00	$15,000.00
22 Inlet (Repair & Reset Grate)	1	EA	$2,000.00	$2,000.00	$3,000.00	$3,000.00	$5,000.00	$5,000.00	$2,000.00	$2,000.00
23 Expansion Joint	13	EA	$1,500.00	$19,500.00	$1,000.00	$13,000.00	$60.00	$780.00	$250.00	$3,250.00
TOTAL BASE BID AMOUNT				**$654,436.90**		**$685,766.60**		**$842,118.30 ***		**$991,725.80**

ADD ALTERNATE A (STATION 23+00 TO 35+00)

Bid Item & Description	Qty.	Unit	Unit Price	Amount	Unit Price	Amount	Unit Price	Amount	Unit Price	Amount
1 PCCP Patching (11", Sound, Full Depth)	841	SY	$100.00	$84,100.00	$125.00	$105,125.00	$150.20	$126,318.20	$220.00	$185,020.00
4 Pavement Marking Removal	3,000	LF	$0.10	$300.00	$0.50	$1,500.00	$0.50	$1,500.00	$0.50	$1,500.00
5 Pavement Marking (Temp.) 4" Broken	7.1	Sta/Line	$45.00	$319.50	$25.00	$177.50	$95.00	$674.50	$45.00	$319.50
6 Pavment Marking (Temp.) 4" Solid	60.8	Sta/Line	$65.00	$3,952.00	$40.00	$2,432.00	$95.00	$5,776.00	$100.00	$6,080.00
8 Pavement Marking (Epoxy)(White)(6")	600	LF	$0.35	$210.00	$1.00	$600.00	$0.90	$540.00	$0.75	$450.00
9 Pavement Marking (Epoxy)(Yellow)(4")	2,400	LF	$0.25	$600.00	$0.75	$1,800.00	$0.60	$1,440.00	$0.50	$1,200.00
12 Channelizer (Portable)	3,371	EADA	$0.10	$337.10	$0.25	$842.75	$0.05	$168.55	$0.20	$674.20
14 Work Zone Signs (0-9.25 sq.ft.)	475	EADA	$0.10	$47.50	$0.10	$47.50	$0.10	$47.50	$0.30	$142.50
15 Work Zone Signs (9.26-16.25 sq.ft.)	509	EADA	$0.15	$76.35	$0.10	$50.90	$0.20	$101.80	$0.35	$178.15
16 Work Zone Barricades (Type III)	177	EADA	$0.15	$26.55	$0.10	$17.70	$0.40	$70.80	$1.00	$177.00
17 Arrow Display	10	EADA	$7.00	$70.00	$15.00	$150.00	$5.00	$50.00	$25.00	$250.00
18 Work Zone Warning Light Type "A"	350	EADA	$0.15	$52.50	$0.10	$35.00	$0.30	$105.00	$0.35	$122.50
19 HMA Surface (Ultrathin Bonded)(Type A)	230	TON	$130.00	$29,900.00	$128.00	$29,440.00	$130.00	$29,900.00	$150.00	$34,500.00
20 Emulsified Asphalt (Emulsified Bonding Liquid)	5.3	TON	$540.00	$2,862.00	$565.00	$2,994.50	$540.00	$2,862.00	$600.00	$3,180.00
23 Expansion Joint	3	EA	$1,500.00	$4,500.00	$1,000.00	$3,000.00	$60.00	$180.00	$250.00	$750.00
ADD ALTERNATE A TOTAL				**$127,353.50**		**$148,212.85**		**$169,734.35**		**$234,543.85**

ADD ALTERNATE B (STATION 10+00 TO 23+00)

Bid Item & Description	Qty.	Unit	Unit Price	Amount	Unit Price	Amount	Unit Price	Amount	Unit Price	Amount
1 PCCP Patching (11", Sound, Full Depth)	912	SY	$100.00	$91,200.00	$125.00	$114,000.00	$150.20	$136,982.40	$220.00	$200,640.00
4 Pavement Marking Removal	3,250	LF	$0.10	$325.00	$0.50	$1,625.00	$0.50	$1,625.00	$0.50	$1,625.00
5 Pavement Marking (Temp.) 4" Broken	7.6	Sta/Line	$45.00	$342.00	$25.00	$190.00	$95.00	$722.00	$45.00	$342.00
6 Pavment Marking (Temp.) 4" Solid	65.8	Sta/Line	$65.00	$4,277.00	$40.00	$2,632.00	$95.00	$6,251.00	$100.00	$6,580.00
8 Pavement Marking (Epoxy)(White)(6")	650	LF	$0.35	$227.50	$1.00	$650.00	$0.90	$585.00	$0.75	$487.50
9 Pavement Marking (Epoxy)(Yellow)(4")	2,600	LF	$0.25	$650.00	$0.75	$1,950.00	$0.60	$1,560.00	$0.50	$1,300.00
12 Channelizer (Portable)	3,653	EADA	$0.10	$365.30	$0.25	$913.25	$0.05	$182.65	$0.20	$730.60
14 Work Zone Signs (0-9.25 sq.ft.)	515	EADA	$0.10	$51.50	$0.10	$51.50	$0.10	$51.50	$0.30	$154.50
15 Work Zone Signs (9.26-16.25 sq.ft.)	553	EADA	$0.15	$82.95	$0.10	$55.30	$0.10	$55.30	$0.35	$193.55
16 Work Zone Barricades (Type III)	193	EADA	$0.15	$28.95	$0.10	$19.30	$0.40	$77.20	$1.00	$193.00
17 Arrow Display	11	EADA	$7.00	$77.00	$15.00	$165.00	$5.00	$55.00	$25.00	$275.00
18 Work Zone Warning Light Type "A"	380	EADA	$0.15	$57.00	$0.10	$38.00	$0.30	$114.00	$0.35	$133.00
19 HMA Surface (Ultrathin Bonded)(Type A)	250	TON	$130.00	$32,500.00	$128.00	$32,000.00	$130.00	$32,500.00	$150.00	$37,500.00
20 Emulsified Asphalt (Emulsified Bonding Liquid)	5.8	TON	$540.00	$3,132.00	$565.00	$3,277.00	$540.00	$3,132.00	$600.00	$3,480.00
23 Expansion Joint	3	EA	$1,500.00	$4,500.00	$1,000.00	$3,000.00	$60.00	$180.00	$250.00	$750.00
ADD ALTERNATE B TOTAL				**$137,816.20**		**$160,566.35**	$60.00	**$184,073.05**		**$254,384.15**

This is to certify that at 2:00 p.m., on January 30, 2014 in Coffeyville, Kansas the bids tabulated herein were publicly opened, read aloud, checked, and the above totals are correct as to additions and the bids were accompanied by acceptable bidders' bonds.

*corrected

ALLGEIER, MARTIN and ASSOCIATES, INC. - CONSULTING ENGINEERS - JOPLIN, MO

BY Michael Atkinson

Michael Atkinson, P.E.