

BOARD OF COUNTY COMMISSIONERS OF DOUGLAS COUNTY, KANSAS

MONDAY, MARCH 10, 2003

9:00 A.M.

- Convene
- Pledge of Allegiance
- Consider approval of revised minutes of November 4, December 2, 2002 and minutes of February 12, 2003

CONSENT AGENDA

- (1) (a) Consider approval of Commission Orders
- (b) Consider acceptance of bids for various signs, posts and miscellaneous materials for county and township use (Keith Browning)

REGULAR AGENDA

- (2) Economic Development Update (Lynn Parman)
- (3) Consider approval of asphalt supply contract for 2003 Maintenance Season (Keith Browning)
- (4) Consider approval of letter to Kansas Historical Society with regard to Black Jack Battleground nomination (Craig Weinaug)
- (5) Consider approval of bids for road maintenance aggregates (Keith Browning)
- (6) Other Business
 - (a) Consider approval of Accounts Payable (if necessary)
 - (b) Appointments
 - (c) Miscellaneous
 - (d) Public Comment
- (7) Adjourn

WEDNESDAY, MARCH 12, 2003 (Courthouse)

Joint meeting with the Lawrence City Commission – County Commission Chambers

11:00 A.M.

- Convene
- (1) 31st Street feasibility study, possible projects extending Kasold over the Trafficway and the Wakarusa River, and possible short term improvements to Kasold
- (2) Update on Sanitary Sewer Master plan process
- (3) Executive Session to discuss possible land acquisition

6:35 P.M.

- Convene
- Pledge of Allegiance

CONSENT AGENDA

(2) Consider approval of request from Tom Stein for a variance to the 250 foot rood frontage requirement – 1248 E 2100 Road, Eudora, KS (Keith Dabney)

(3) Discussion of possible initiation of county government reorganization process

(4) Other Business

- (a) Consider approval of Accounts Payable (if necessary)
- (b) Appointments
- (c) Miscellaneous
- (d) Public Comment

(5) Adjourn

MONDAY, MARCH 17, 2003

-No Commission Meeting (Spring Break)

WEDNESDAY, MARCH 19, 2003

-No Commission Meeting (Spring Break)

MONDAY, MARCH 24, 2003

- Proclaim the month of April as Fair Housing Month
- Proclaim the week of November 11-15 as Hunger and Homelessness Week (Gary Miller)
- Presentation about Improvements made to Broken Arrow Park resulting from agreement with the City of Lawrence (Fred DeVactor)
- Planning Items

FRIDAY, APRIL 4, 2003

9:00 A.M.

- Canvass city & school general elections

WEDNESDAY, MAY 7, 2003

-No Commission Meeting

NOVEMBER 4, 2002

Chairman McElhaney called the meeting to order at 9:03 A.M. on Monday, November 4, 2002. All members were present. The Pledge of Allegiance was recited.

Jones moved approval of the minutes of April 17, April 29, May 6, May 8, May 15, and May 29, 2002. Motion was seconded by McElhaney and carried unanimously.

CONSENT AGENDA 11-04-02

Jones moved approval of the following Consent Agenda:

- ▶ Approve Commissioners Order Nos. 5057 and 5060. Orders are on file in the office of the County Clerk;
Approve the Annual Review of the Douglas/Jefferson Counties Regional Solid Waste Management plan; and
- ▶ Approve grant offer from COPS MORE for a Mobile Data System in the amount of \$318,409 with a required match of \$106,153.

McElhaney seconded and the motion carried unanimously.

PLANNING 11-04-02

The Board considered approval of CUP-08-06-02, a permanent Conditional Use Permit for placement of a voltage regulator. The property is generally located at the southwest quadrant of E 1800 Road and N 200 Road. Submitted by Kansas City Power and Light Company for Robert L. Madl, property owner of record. Brian Pedrotti, staff member of the Lawrence-Douglas County Metropolitan Planning Department, presented the item. This item comes to the Board with a unanimous recommendation for approval based upon the following Findings of Fact:

Zoning and uses of property nearby. The subject property is located generally at the southwest corner of E 1800 Road and N 200 Road. The site is agriculturally zoned and undeveloped. Surrounding property is agriculturally zoned and is undeveloped, agricultural property with scattered residences.

Character of the area. The site is approximately 1 acre in size and is located on a portion of approximately 67 acres owned by Mr. Robert Madl. The area is largely agricultural and undeveloped in nature. It contains scattered residences.

Suitability of subject property for the uses to which it has been restricted. The subject site is suited for the uses to which it has been restricted.

Length of time subject property has remained vacant as zoned. The subject area has been zoned "A" (Agricultural) District since the adoption of the zoning regulations in the unincorporated portions of Douglas County in 1966.

Extent to which removal of restrictions will detrimentally affect nearby property. The restrictions on this site are not being removed. A conditional use is being permitted through this request. The addition of this use to this site is not anticipated to detrimentally affect nearby property.

Relative gain to the public health, safety and welfare by the destruction of the value of the petitioner's property as compared to the hardship imposed upon the individual landowners. Denial of the request is not expected to provide any gain to the public health, safety and welfare.

Conformance with *The Comprehensive Plan*. The Conditional Use Permit for the proposed facility is not in conflict with *Horizon 2020*.

AND subject to the following conditions:

- 1 Issues or concerns raised or identified by the Baldwin City Planning Commission in their public hearing process that were not part of the public hearing process held by the Lawrence-Douglas County Metropolitan Planning Commission be forwarded to the County Commission along with the individual recommendations of both Planning Commissions; and
2. Approval of the proposed driveway by the Palmyra Township Board prior to construction.

Pedrotti noted that the Baldwin City Planning Commission has also approved the CUP. Jones made a motion to approve CUP-08-06-02 subject to the above conditions, noting that the five (5) and ten (10) year review process will not be necessary since this is a utility. McElhaney seconded and the motion carried unanimously.

PURCHASING & PUBLIC WORKS 11-04-02

The Board discussed bids received for the purchase of two (2) heavy duty tandem dump trucks, two (2) snow plows, and two (2) spreaders for the Public Works Operation Division. McElhaney made a motion to accept the low bid received from KCR International Trucks in the amount of \$201,808; authorize the rejection of the trade-in offers of two (2) dump trucks both with a snow plow and spreader; and authorize staff to send the trucks to Nationwide Auction for auction. Motion was seconded by Jones and carried unanimously.

ACCOUNTS PAYABLE 11-04-02

Jones moved approval of accounts payable in the amount of \$419,983.92; accounts payable manual checks in the amount of \$1235.16; payroll in the amount of \$552,817.33; and electronic funds transfers in the amounts of \$40,765.69 for FICA and \$31,869.67 for KPERS to be paid 11/1/02. Motion was seconded by McElhaney and carried unanimously.

McElhaney made a motion to adjourn; seconded by Jones and carried unanimously.

Jere McElhaney, Chairman

Bob Johnson, Member

ATTEST:

Patty Jaimes, County Clerk

Charles Jones, Member

DECEMBER 2, 2002

Chairman McElhaney called the meeting to order at 6:36 P.M. on Monday, December, 2, 2002. All members were present. The Pledge of Allegiance was recited.

Jones made a motion to approve the minutes of July 10, July 15, and July 24, 2002. Johnson seconded and the motion carried.

CONSENT AGENDA 12-02-02

Jones made a motion to approve the following Consent Agenda:

Approve Commissioners Order Nos. 5070, 5071, 5072, 5073, 5074, and 5075. Orders are on file in the office of the County Clerk;
Authorize Notice to Townships for cereal malt beverage licenses to Kanwaka Township for Clinton Cove Mini Mart; Willow Springs Township for Baldwin Junction Enterprises and Scott Zarembo, dba Zarco; Eudora Township for James Bigger, dba Eudora Riverview Golf and Larry Stewart, dba Gilded Cage; Grant Township for Wesley R Kabler, dba Flamingo Catering and Wesley R Kabler, dba The Bird of Lawrence;
Approve Emergency Vehicle Permit to Steve Weese; and
table approval of resolution amending a Planning and Zoning Classification from "A-1" Suburban Home Resolution to "B-3" Limited Business District for a later date.

Johnson seconded and the motion carried unanimously.

MISCELLANEOUS 12-02-02

Ann Evans presented information on the economic impact study of the Non-Profit arts by local arts organizations. The study concluded that the Non-Profit Arts in Lawrence are directly responsible for \$17 million. In comparison to other cities of our size and some larger cities, Lawrence exceeded in monies brought into the community. The conclusion is that the Arts in Lawrence are important to the community.

PLANNING 12-02-02

The Board discussed floodplain regulations with the Special Projects Committee of the Lawrence-Douglas County Metropolitan Planning Commission. Bryan Dyer, staff member of the Lawrence-Douglas County Metropolitan Planning Department, was present for the discussion. New FEMA maps were presented. Dyer reported that planning staff requested information regarding areas that have repeated flooding, however, FEMA did not respond. Keith Browning, Director of Public Works/County Engineer, and Keith Dabney, Director of Zoning & Codes,

noted two areas of concern -- the Southgate Subdivision and Lone Star area. Johnson questioned why the County should do anything more about the floodplains than the FEMA maps. Dyer responded that the Special Projects Committee is not asking that the entire County be looked at but their concern is filling in the floodplain, specifically the area that is close to the City. Johnson and Jones stated they would consider regulations beyond FEMA's requirements in the Urban Growth Area of the City within the County and requested a recommendation from the Committee for both of the areas that are flood prone. McElhaney stated that these concerns have already been addressed in the planning stage of the development noting that he wasn't interested in further discussion unless the Soil Conservation Service had additional information for consideration.

HEALTH -- PUBLIC 12-02-02

Bert Rowell, member of the Lawrence-Douglas County Health Board, presented a report from the Health Department on air quality. Rowell noted that although Douglas County is not in violation of any air quality standards at the moment, there is a concern that the EPA may expand the Kansas City Metropolitan Statistical Area to include Douglas County. The Air Quality Advisory Committee has met quarterly and discussed ozone concerns.

BUDGET 12-02-02

The Board discussed budget reductions in response to the Governor's recent announcement of budget cuts. Craig Weinaug, County Administrator, explained the impact of these cuts. Weinaug will meet with department heads and elected officials to review the 2003 budget. Once that process is complete, Weinaug will present recommendations to the Commission for action.

ACCOUNTS PAYABLE 12-02-02

Johnson moved approval of accounts payable in the amount of \$255,668.12; accounts payable manual checks in the amounts of \$1235.16, \$131.55, \$10.40, \$211.82, \$211.09, and \$2479.30; payroll of \$553,541.43; and electronic funds transfers in the amounts of \$41,894.06 for FICA and \$32,440.12 for KPERS to be paid 11/27/02. Jones seconded and the motion carried unanimously.

APPOINTMENTS 12-02-02

Jones made a motion to appoint the following individuals to the Douglas County Fair Board:

Lee Queen, 865 E 550 Road, Lawrence, KS 66047, representing Marion Township;

Jim Gabriel, 2267 N 1200 Road, Eudora, KS 66025, representing Eudora Township; and

Kim Booth, 1027 E 1200 Road, Lawrence, KS 66047, representing Wakarusa Township.

Johnson seconded and the motion carried unanimously.

MISCELLANEOUS 12-02-02

Commissioner Charles Jones informed the Commission that due to personal issues, he would need to resign his position as County Commissioner effective December 11, 2002, and will be sworn back in on January 13, 2003.

MISCELLANEOUS 12-02-02

Don Cashatt asked the Commission when and if the County had sanctioned the newly formed "National Area Heritage" committee that is lead by David Dunfield. Commissioner Johnson informed Mr. Cashatt that it was sanctioned by both City and County. The County Commission approved the appointments to the committee on December 19, 2001. The committee was formed to put together a preliminary feasibility analysis on whether this is something that would benefit this community.

McElhaney made a motion for adjournment. Jones seconded and the motion carried unanimously.

Jere McElhaney, Chairman

Bob Johnson, Member

ATTEST:

Patty Jaimes, County Clerk

Charles Jones, Member

FEBRUARY 12, 2003

Vice Chairman McElhaney called the meeting to order at 6:41P.M. on Wednesday, February 12, 2003, with two members present . Commissioner Johnson was absent. The Pledge of Allegiance was recited.

Jones made a motion to approve the minutes of November 4, November 11, November 20, December 18, 2002, and February 5, 2003. McElhaney seconded and the motion carried unanimously.

CONSENT AGENDA 02-12-03

Jones made a motion to approve the following Consent Agenda:

- Approve Commission Order Nos. 5112 and 5113. Orders are on file in the office of the County Clerk; and
- ▶ Authorize notice to Clinton Township for cereal malt beverage license for Clinton Store.

McElhaney seconded and the motion carried.

PLANNING 02-12-03

The Board considered Item No. 11 of the minutes of the Lawrence-Douglas County Metropolitan Planning Commission dated January 22, 2003. This item is CUP-08-09-02, a Conditional Use Permit for storage of excavation, trucking, and farm equipment. The property is generally located at 1768 E 1100 Road. Submitted by Paul Werner Architects for North 40 LC, property owners of record. Sandra Day, staff member of the Lawrence-Douglas County Metropolitan Planning Department, was present for the discussion. It was the consensus of the Board to table this item until Commissioner Johnson was present.

PLANNING 02-12-03

The Board considered Item No. 12 of the minutes of the Lawrence-Douglas County Metropolitan Planning Commission dated January 22, 2003. This item is CUP-12-17-02, a Conditional Use Permit for a storage shed at Creekwood Lawn Company. The property is generally described as being located at 1753 N 700 Road. Submitted by Shelby Franklin, property owner of record. Sandra Day, staff member of the Lawrence-Douglas County Metropolitan Planning Department, was present for the discussion. It was the consensus of the Board to table this item until Commissioner Johnson was present.

PLANNING 02-12-03

The Board considered Item No. 13 of the minutes of the Lawrence-Douglas County Metropolitan Planning Commission dated January 22, 2003. This item is CUP-12-18-02, a Conditional Use Permit request for a Christmas Tree Farm.

The property is generally described as being located at 794 US Highway 40. Submitted by Lynn Walther for Ethelyn F Walther, trustee, property owner of record. Sandra Day, staff member of the Lawrence-Douglas County Metropolitan Planning Department, was present for the discussion. This item comes to the Board with a unanimous recommendation for approval based upon the following findings of fact:

Zoning and uses of property nearby. Surrounding zoning includes A (Agricultural) on all sides. Surrounding land uses are primarily agricultural with farm residences.

Character of the area. The subject property is located just west of the current city limits and is developed with multiple accessory buildings associated with the property. This property is characterized as a rural residential area along a major county thoroughfare. The surrounding area includes agricultural and residential uses. The subject property is outside of the city's growth area and is predominantly an agricultural neighborhood including rural residential homes. The subject property is adjacent to county roads on two sides and has direct access to paved roads.

Suitability of subject property for the uses to which it has been restricted. A Conditional Use Permit (CUP) does not change the base, underlying zoning. The suitability of the property for agricultural or rural residential use will not be altered. The subject property is not located within an Urban Growth Area. The subject property area is zoned for agricultural uses. The subject site is suitable for the proposed uses of agricultural and other products sales.

Length of time subject property has remained vacant as zoned. The subject property is developed with the Strawberry Hill Christmas Tree Farm business. Agricultural sales operation has existed for over 18 years on the property. The property has been zoned A (Agricultural) District since 1966.

Extent to which removal of restrictions will detrimentally affect nearby property. Approval of a Conditional Use Permit request does not alter the base-zoning district. The current request is for a Conditional Use Permit to allow the continued operation of the retail agricultural sales along with the sale of ancillary products. Traffic and noise impacts associated with the use have existed in the area for over 18 years. Traffic intensity will not be altered with the approval of the Conditional Use Permit.

Relative gain to the public health, safety and welfare by the destruction of the value of the petitioner's property as compared to the hardship imposed upon the individual landowners. The primary benefit and/or gain to the public health, safety, and welfare of the Conditional Use Permit for the market is that it

would provide residents and businesses of Douglas County with farm-grown agricultural and ag-related products. Denial of the request would impose a hardship on the applicant by requiring them to cease any non-farm product sales.

Conformance with *The Comprehensive Plan*. The Conditional Use Permit for the facility is consistent with the goals and policies in *Horizon 2020*. A Conditional Use Permit can be used to allow limited commercial and industrial expansion or establish new or temporary areas for certain non-residential uses. This tool allows proportional development in harmony with the surrounding area.

AND subject to the following conditions

1. Provision of a note on the face of the site plan stating, "The Conditional Use Permit will be re-evaluated by the County Commission in February, 2008. The CUP will expire on February 28, 2013. For continuation of the use covered by this CUP beyond February 28, 2013 the applicant will need rezoning or approval of a new CUP."
2. Provision of a revised site plan to include the following items:
 - a. Legal description
 - b. North Arrow
 - c. Graphic dimensions of the property per Douglas County Zoning Regulations 19-A.4.3
 - d. Direction arrows of existing storm runoff per section 19-A.4.5
 - e. Site summary of the existing floor area
 - f. Show the existing building entrances per section 19-A.4.7
 - g. Show location of all existing lighting including mounting height, light sources and light direction per section 19-A.4.12.

Jones made a motion to approve CUP-12-18-02 subject to the above conditions. Motion was seconded by McElhaney and carried.

McElhaney directed staff to schedule a study session on CUP's.

ACCOUNTS PAYABLE 02-12-03

Jones moved for approval of payroll in the amount of \$578,179.81, and electronic funds transfers in the amounts of \$42,760.29 for FICA and \$34,915.70 for KPERS to be paid 2/7/03. Motion was seconded by McElhaney and carried.

MISCELLANEOUS 02-12-03

Jones noted that the first Dangerous Dog discussion will be held on Friday, February 14, 2003 from 3:00 to 5:00 P.M. He indicated good responses from the District Attorney's office, Sheriff and Chief of Police.

McElhaney moved for adjournment; Jones seconded and the motion carried.

Jere McElhaney, Vice Chair

Charles Jones, Member

ATTEST:

Patty Jaimes, County Clerk

1(B)

Douglas County

Department of Public Works

Keith A. Browning, P.E.
Director of Public Works/County Engineer

MEMORANDUM

To : Board of County Commissioners

From : Keith A. Browning, P.E., Director of Public Works/County Engineer *KAB*

Date : March 4, 2003

Re : Consent Agenda Acceptance of Bids for Various Signs, Posts and
Miscellaneous Materials for County and Township Use

Bids for signs, sign faces, posts and miscellaneous accessories were opened Friday, February 28th. The bid specifications indicated that standard signs, blanks, faces and posts would be grouped together while specialty signs and other items would be analyzed individually to determine the lowest and best bid.

Attached is a listing of all bids received. The lowest bid is recommended for each item or group of items except for one specialty sign. For that one sign, Kansas Correctional Industries was \$3.46 above the bid from Osburn Signs. The cost of cutting another check and preparing documentation for award to Osburn Signs is more than the \$3.46 difference in bid price. The following awards are recommended:

National Sign	\$ 3,303.55
Kansas Correctional Ind.	\$ 222.33
Custom Products	\$ 3,800.28
Rocal, Inc.	\$ 2,283.30
Hall Signs	\$ 316.50
Signs & Blanks, Inc.	\$ 6,265.63
3M Company	\$ 440.00

Bid Total	\$16,631.59
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Douglas County's portion of the total is \$16,097.00 while Palmyra Township is responsible for \$534.59. No other township elected to participate in this year's sign bid. Sufficient funds are available in Fund 201, line items 70475, 71241, 71243 and 70400 to cover the county's portion.

Action Required: Consent Agenda approval to award bids for various signs, posts, and miscellaneous materials for county and township use as recommended by the Director of Public Works.

**DOUGLAS COUNTY PUBLIC WORKS
2003 COMBINED SIGN BID ANALYSIS**

March 3, 2003

	VULCAN SIGNS	NATIONAL SIGN	KANSAS CORRECT.	NEWMAN SIGNS	OSBURN SIGNS	CUSTOM PROD.	J & A TRAFFIC
FINISHED SIGNS	\$6,219.97	\$8,493.60	\$8,161.41	\$7,489.42	\$6,285.73	\$6,947.49	NO BID
HEAT ACTIVATED FACES	\$805.64	\$870.30	NO BID	\$998.84	\$702.14	INCOMPLETE	INCOMPLETE
MISC. SHEETING	\$516.36	\$550.00	NO BID	NO BID	\$775.00	\$525.00	NO BID
SIGN BLANKS	\$733.32	\$891.00	NO BID	\$993.60	\$847.80	\$799.20	NO BID
CUT OUT LETTERING	\$618.07	\$564.72	INCOMPLETE	\$841.91	\$742.80	~~\$500.13~~	\$624.07
STEEL POSTS	\$2,774.90	~~\$2,439.80~~	NO BID	NO BID	\$2,540.40	NO BID	NO BID

SPECIALTY SIGNS AWARDED ITEM BY ITEM	UNIT COST	TOTAL	UNIT COST	TOTAL	UNIT COST	TOTAL	UNIT COST	TOTAL	UNIT COST	TOTAL	UNIT COST	TOTAL	UNIT COST	TOTAL
NO ALCOHOL OR CEREAL MALT BEVERAGES ALLOWED IN THIS AREA (2 EA)	\$21.61	\$43.22	\$28.00	\$56.00	~~\$16.70~~	~~\$33.40~~	\$30.00	\$60.00	\$14.97	\$29.94	\$40.00	\$80.00	NO BID	X
OBJECT MARKER (OM-3L)(142 EA.)	\$8.14	\$1,155.88	\$9.09	\$1,290.78	\$10.02	\$1,422.84	\$10.10	\$1,434.20	\$8.39	\$1,191.38	~~\$7.35~~	~~\$1,043.70~~	NO BID	X
OBJECT MARKER (OM-3R)(307 EA.)	\$7.49	\$2,299.43	\$9.09	\$2,790.63	\$10.02	\$3,076.14	\$10.10	\$3,100.70	\$8.39	\$2,575.73	~~\$7.35~~	~~\$2,256.45~~	NO BID	X
ADOPT A HIGHWAY NEXT ____ MILES (6 EA)	\$32.40	\$194.40	NO BID	X	\$26.71	\$160.26	\$59.55	\$357.30	\$39.72	\$238.32	\$60.00	\$360.00	NO BID	X
KEEP KANSAS CLEAN / LITTER CREW WORKING (7 EACH)	\$45.97	\$321.79	NO BID	X	~~\$26.99~~	~~\$188.93~~	\$43.00	\$301.00	\$40.78	\$285.46	\$69.00	\$483.00	NO BID	X
5" X 8" SIGN BLANK W/ HIGH INTENSITY ORANGE SHEETING (50 EACH)	\$1.49	\$74.50	NO BID	X	\$1.19	\$59.50	\$3.32	\$166.00	\$1.40	\$70.00	\$2.25	\$112.50	NO BID	X

MISCELLANEOUS ITEMS AWARDED ITEM BY ITEM	UNIT COST	TOTAL	UNIT COST	TOTAL	UNIT COST	TOTAL	UNIT COST	TOTAL	UNIT COST	TOTAL	UNIT COST	TOTAL	UNIT COST	TOTAL
SUPR-LOK CAPS, #91UX-OL90 (50 EA)	\$3.87	\$193.50	\$3.50	\$175.00	NO BID	X	NO BID	X	\$3.89	\$194.50	\$3.40	\$170.00	\$3.87	\$193.50
SUPR-LOK CROSSES, #990X (50 EA)	\$3.99	\$199.50	\$3.50	\$175.00	NO BID	X	NO BID	X	\$3.98	\$199.00	\$3.40	\$170.00	\$3.94	\$197.00
TEMP. PVMT MRKG TAPE, YELL (30 EA)	NO BID	X	\$40.00	\$1,200.00	NO BID	X	NO BID	X	NO BID	X	\$52.75	\$1,582.50	\$43.00	\$1,290.00
CHIP & SEAL C.L. MARKERS (1,500 EA)	NO BID	X	~~\$0.41~~	~~\$615.00~~	NO BID	X	NO BID	X	NO BID	X	\$0.53	\$795.00	\$0.42	\$630.00

SUMMARY OF AWARDS		LATE
COMPANY NAME	AMOUNT AWARDED (ORIG. BID)	ADDITION
NATIONAL SIGN	\$3,054.80	\$248.75
KANSAS CORRECTIONAL	\$222.33	
CUSTOM PRODUCTS	\$3,800.28	
ROCAL INC.	\$2,283.30	
HALL SIGNS	\$316.50	
SIGNS AND BLANKS, INC.	\$5,979.79	\$285.84
3 M COMPANY	\$440.00	
TOTAL BID AMOUNT	\$16,097.00	534.59

SUMMARY BY CATEGORY (COUNTY BID ONLY)	
ITEM	AMOUNT
FINISHED SIGNS	\$5,924.29
HEAT ACTIVATED FACES	\$670.80
MISC. SHEETING	\$440.00
SIGN BLANKS	\$486.00
CUT OUT LETTERING	\$500.13
STEEL POSTS	\$2,439.80
SPECIALTY SIGNS	\$3,714.48
MISC. ITEMS	\$1,921.50
COUNTY BID TOTAL	\$16,097.00

AGENCY TOTALS	
DOUGLAS COUNTY	\$16,097.00
PALMYRA TOWNSHIP	534.59
TOTAL BID AMOUNT	\$16,631.59

ROCAL INC.	HALL SIGNS	SIGNS & BLANKS	3 M COMPANY
\$6,293.37	\$7,346.01	\$5,924.29	NO BID
~~\$670.80~~	\$748.28	NO BID	NO BID
\$470.00	NO BID	\$475.00	~~\$440.00~~
~~\$486.00~~	\$1,576.80	\$907.20	NO BID
\$674.21	\$579.69	NO BID	NO BID
\$3,267.85	NO BID	NO BID	NO BID

UNIT COST	TOTAL	UNIT COST	TOTAL	UNIT COST	TOTAL	UNIT COST	TOTAL
\$40.00	\$80.00	\$33.95	\$67.90	\$25.00	\$50.00	NO BID	X
\$7.74	\$1,099.08	\$8.96	\$1,272.32	\$7.60	\$1,079.20	NO BID	X
\$7.74	\$2,376.18	\$8.96	\$2,750.72	\$7.60	\$2,333.20	NO BID	X
~~\$22.75~~	~~\$136.50~~	\$86.85	\$521.10	\$80.00	\$480.00	NO BID	X
\$44.50	\$311.50	\$76.00	\$532.00	\$93.75	\$656.25	NO BID	X
\$1.50	\$75.00	\$2.61	\$130.50	~~\$1.11~~	~~\$55.50~~	NO BID	X

UNIT COST	TOTAL	UNIT COST	TOTAL	UNIT COST	TOTAL	UNIT COST	TOTAL
\$3.78	\$189.00	~~\$3.12~~	~~\$156.00~~	NO BID	X	NO BID	X
\$3.94	\$197.00	~~\$3.21~~	~~\$160.50~~	NO BID	X	NO BID	X
~~\$33.00~~	~~\$990.00~~	NO BID	X	NO BID	X	NO BID	X
\$1.60	\$2,400.00	NO BID	X	NO BID	X	NO BID	X

ADDITIONAL SIGN & POST REQUESTS PALMYRA TOWNSHIP					
MUTCD#	SIGN TYPE	SIZE	QTY	UNIT COST	AMOUNT
R1-1	STOP SIGN	30X30	8	\$15.88	\$127.04
W3-1	"STOP AHEAD"	30X30	4	\$15.88	\$63.52
W2-1	INTERSECTION AHEAD	30X30	2	\$15.88	\$31.76
W5-3	ONE LANE BRIDGE AHEAD	30X30	2	\$15.88	\$31.76
W14-1	DEAD END	30X30	2	\$15.88	\$31.76
PALMYRA FINISHED SIGN TOTAL =					~~\$285.84~~
STEEL POSTS					
TYPE		LENGTH	QTY	UNIT COST	AMOUNT
3.0#/FT. STEEL W/GREEN ENAMEL		10'	25	\$9.95	\$248.75
PALMYRA STEEL POST TOTAL =					~~\$248.75~~
PALMYRA TOWNSHIP SIGN AND POST TOTAL = \$534.59					

Douglas County

Department of Public Works

Keith A. Browning, P.E.
Director of Public Works/County Engineer

MEMORANDUM

To : Board of County Commissioners

From : Keith A. Browning, P.E., Director of Public Works/County Engineer *KAB*

: February 27, 2003

: Approval of Asphalt Supply Contract for 2003 Maintenance Season

Bids were opened on Monday, February 24th for the supply of asphaltic concrete material for use during the 2003 road maintenance season. Bids were requested for varying ranges of quantities. It is typically desired to contract with a "prime" supplier for the majority of asphaltic concrete material, and also contract with a second supplier for a lower quantity to cover times when the prime supplier cannot furnish material.

Only one supplier, LRM Industries, submitted a bid this year. Typically, Asphalt Sales also bids on the supply contract, but they are undergoing ownership change and did not feel comfortable submitting a bid this year.

LRM's bids are as follows:

Quantity	Unit Price/Ton	Total Price
1000 - 5000 Tons	\$24.75	\$24,750 - \$123,750
5001 - 8000 Tons	\$22.15	\$110,772 - \$177,200
8001 - 13,000 Tons	\$22.10	\$176,822 - \$287,300

It is recommended to accept the bid from LRM for 5001 – 8000 tons of asphaltic concrete material. It is anticipated that more than 8,000 tons will be purchased this year. Given the small difference in the unit price bids for the higher quantity, however, it is safer to accept the bid for the lower quantity rather than require a minimum purchase of 8001 tons. It is likely that LRM will not be able to supply the desired material at times, and it may be necessary to purchase material from other sources.

Last year the county contracted with LRM for 5001-8000 tons at the unit price of \$21.15/ton. The 2003 budget for Road & Bridge Fund 201 has \$260,000 allocated for BM-2 asphaltic concrete.

Action Required: Approve contract with LRM Industries, Inc. for the supply of 5,001 tons to 8,000 tons of BM-2 asphaltic concrete at the unit price of \$22.15 per ton.

AD - Weinaug, Craig

From: AD - Weinaug, Craig
Sent: Wednesday, March 05, 2003 4:15 PM
To: Bob Johnson (E-mail); Charles Jones (E-mail); McElhaney (Home) (E-mail)
Subject: Letter with regard to Black Jack controversy

Commissioners:

Attached is a letter that Bob asked me to draft to the Executive Director of the Kansas Historical Society asking that consideration of the Black Jack nomination be delayed until the environs issue can be resolved.

will be putting this letter on Monday's agenda so the commission can determine whether you want to take the position



BlackJackLrt3503.doc (117 KB)

expressed in the letter. Craig

March 5, 2003

Ms. Mary Allman
Executive Director
Kansas Historical Society
6425 SW 6th Street
Topeka, Kansas 66615-1099

Dear Ms. Allman:

As you are aware, there has been a significant controversy with regard to the appropriate role of SHPO in regulating land use in the environs of sites that have been recognized by the state as being historically significant. It appears that this issue may be clarified over the next few months, either by the legislature or by SHPO.

In light of the ongoing effort to clarify the environs law, the County Commission requests that your agency table consideration of the application currently pending to recognize the Black Jack battle site in Douglas County. The Douglas County Commissioners did not submit this application, but the County is the landowner of the site being considered.

We appreciate your consideration of this request.

Sincerely,

DOUGLAS COUNTY ADMINISTRATOR

1100 Massachusetts
Lawrence, KS 66044
785-832-5328
785-832-5148 (Fax)
cweinaug@douglas-county.com

March 5, 2003

Ms. Mary Allman
Executive Director
Kansas Historical Society
6425 SW 6th Street
Topeka, Kansas 66615-1099

Dear Ms. Allman:

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We appreciate your consideration of this request.

Sincerely,

TOM SLOAN
REPRESENTATIVE, 45TH DISTRICT
DOUGLAS COUNTY

STATE CAPITOL BUILDING
ROOM 446-N
TOPEKA, KANSAS 66612-1504
(785) 296-7677
1-800-432-3924

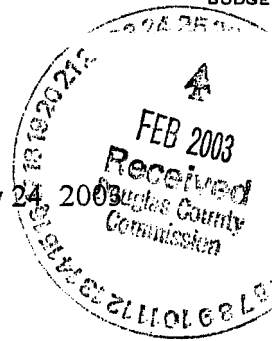
772 HWY 40
LAWRENCE, KANSAS 66049-4174
(785) 841-1526
sloan@house.state.ks.us

STATE OF KANSAS



TOPEKA
HOUSE OF
REPRESENTATIVES

COMMITTEE ASSIGNMENTS
CHAIRMAN: HIGHER EDUCATION
MEMBER: UTILITIES
ENVIRONMENT
GENERAL GOVERNMENT &
HUMAN RESOURCES
BUDGET



February 24, 2003

Ms. Mary Allman
Executive Director
Kansas Historical Society
6425 SW 6th Street
Topeka, KS 66615-1099

Dear Ms. Allman:

The preservation of historic sites is generally viewed as desirable and a valid government function. As parts of our state become more urbanized, conflicts may arise between persons attempting to preserve structures and those engaged in agricultural activities as a livelihood. Because of concerns about how a requirement for agricultural interests to secure building permits would potentially result in SHPO involvement, Douglas County officials and rural landowners contacted me last November. The result of our interactions was the introduction of HB 2168 to more clearly delineate a demarcation between historic preservation interests and production agriculture practices.

As a result of concerns expressed to the Chairman of the House Agriculture Committee by Historic Society staff, I convened a meeting with two Historic Society staff members, two Douglas County rural landowner representatives, and representatives of the Kansas Livestock Association and Kansas Farm Bureau. It was my understanding that the meeting would resolve Society concerns about the intent and specific language of HB 2168.

The Society representatives suggested instead, that all references to the term "environs" be deleted from the existing statutes. Several times I asked if the intent was to confine SHPO oversight to historic facilities and the ground on which they stand and each time I was assured that was the intent. The rural Douglas County and Kansas farmer/rancher representatives agreed to support a substitute bill to accomplish this intent. When the House Agriculture Committee held hearings on HB 2168, the substitute language was offered and supported by the organizations and individuals represented at our meeting.

Subsequent to that hearing, it became apparent that at least some members of the historic preservation community were not in agreement with removing all references to "environs." To my knowledge, none of the opponents object to severely restricting potential SHPO oversight of normal agricultural practices, and many indicate a willingness to compromise on the distance within urban settings impacted by the

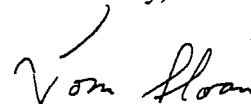
"environs" statute. The conflict within the historic preservation community clearly surprised members of the House Agriculture Committee and, with a legislative deadline looming, resulted in the "Tabling" of the bill. I know of amendments prepared for presentation to the Committee to address the underlying concern about which rural and historic preservationists agree: that farmers should be able to continue feeding the world and making a living, while historic sites are preserved.

Notwithstanding the Committee's action, protecting production agriculture and historic sites remain very important to Douglas County rural interests, historic preservationists, and local elected officials. Therefore, on behalf of these people who believe that compromise is possible and desirable, I encourage you to convene a meeting of interested parties to identify that common ground. While it is unlikely that such a meeting and agreement can be reached quickly enough for the Legislature to codify it in 2003, it is my sincere hope and expectation that consensus language can be developed for adoption by the 2004 Legislature.

The revelation, subsequent to the introduction of HB 2168 and the development of the proposed substitute bill, of a significant rift among the preservation community surprised the agricultural community and me. Based on conversations with many of the interested persons, I believe the Douglas County interest groups can reach a consensus on legislation for the 2004 session. My preference is that the Historic Society assume a leadership role in achieving a statewide agreement.

I look forward to working with you, other historic preservationists, production agricultural interests, and local officials. If I can assist as a facilitator during the discussions, or in any other manner, please do not hesitate to contact me.

Sincerely,



Tom Sloan
45th District Representative

cc: Rep. Dan Johnson
Rep. Dan Thimesch
Rep. Bill Kassebaum
Bob Johnson – Douglas County Commission
Craig Weinaug – Douglas County Administrator
Brian Pine – Chamber Agri-Business Committee
Bob Rhoton – Chamber Agri-Business Committee
Brenna Wulfschle – Douglas County Farm Bureau
marci francisco – Douglas County Preservationist
Janet Gerstner – Douglas County Preservationist
Virgil Dean – Douglas County Preservationist
Richard Kready – Shawnee County Preservationist

Rep. Paul Davis
Rep. Tom Holland
Sen. Mark Buhler
Todd Johnson – Kansas Livestock Association
Leslie Kaufman – Kansas Farm Bureau

Douglas County**Department of Public Works**

Keith A. Browning, P.E.
Director of Public Works/County Engineer

MEMORANDUM

To : Board of County Commissioners

From Keith A. Browning, P.E., Director of Public Works/County Engineer *KAB*

Date : March 4, 2003

Re : Bids for Road Maintenance Aggregates

Sealed bids were opened on February 25th for crushed rock aggregates used for road maintenance. Three (3) bidders submitted bids for AB-3 and SS-3 aggregate. The bids were as follows:

AB-3, ZONE 1:

<u>Vendor</u>	<u>Quantity</u>	<u>Unit Price</u>	<u>Total</u>
Hunt Midwest	2,000 T	\$5.00	\$10,000
Martin Marietta (Big Springs)	2,000 T	\$5.25	\$10,500
Martin Marietta (Ottawa)	2,000 T	\$3.50	\$ 7,000
Hamm's	2,000 T	\$5.30	\$10,600

AB-3, ZONE 2:

<u>Vendor</u>	<u>Quantity</u>	<u>Unit Price</u>	<u>Total</u>
Hunt Midwest	10,000 T	\$4.25	\$42,500
Martin Marietta (Big Springs)	10,000 T	\$5.25	\$52,500
Martin Marietta (Ottawa)	10,000 T	\$3.50	\$35,000
Hamm's	10,000 T	\$5.00	\$50,000

SS-3, ZONE 2:

<u>Vendor</u>	<u>Quantity</u>	<u>Unit Price</u>	<u>Total</u>
Hunt Midwest	6,500 T	\$4.75	\$30,875
Martin Marietta (Big Springs)	6,500 T	\$6.50	\$42,250
Martin Marietta (Ottawa)	6,500 T	\$3.65	\$23,725
Hamm's	6,500 T	\$5.25	\$34,125

The county was divided into two "zones" to allow evaluation of hauling costs as part of the bid analysis. To evaluate haul costs, centroids for locations of anticipated use are determined, and a haul cost from the quarry to each centroid is calculated. The haul

cost is then added to the bid price for the material to determine a delivered cost. The haul cost is calculated assuming a haul cost rate of \$0.15/mile/ton.

Attached is a listing of costs when haul costs are factored in to the equation. For AB-3 in Zone 1, Hunt Midwest (Lawrence quarry) is low with a delivered cost of \$6.31/ton. For AB-3 in Zone 2, Hunt Midwest (Globe quarry) is low with a delivered cost of \$6.42/ton. For SS-3 in Zone 2, Hunt Midwest (Globe quarry) is low with a delivered cost of \$6.14/ton.

Action Required: Accept the bids from Hunt Midwest for AB-3 in the amount of \$10,000 for 2,000 tons from the Lawrence quarry and \$42,500 for 10,000 tons from the Globe quarry. Also accept the bid of \$30,875 from Hunt Midwest (Globe quarry) for 6,500 tons of SS-3 from the Globe quarry. The Road & Bridge Fund 201 has \$100,000 allocated for purchase of road rock.

DOUGLAS COUNTY PUBLIC WORKS 2003 AGGREGATE BID ANALYSIS

February 27, 2003

ZONE 1 - AB3 (2,000 TON)

PRODUCER	QUARRY	HAUL COST	BID COST	DELIVERED COST	DELIVERED COST/TON
N.R. HAMM	NORTH LAWRENCE	\$4,953.60	\$10,600.00	\$15,553.60	\$7.78
HUNT MIDWEST	LAWRENCE	\$2,626.40	\$10,000.00	\$12,626.40	\$6.31
MARTIN MARIETTA	BIG SPRINGS	\$3,658.00	\$10,500.00	\$14,158.00	\$7.08
MARTIN MARIETTA	OTTAWA	\$8,935.80	\$7,000.00	\$15,935.80	\$7.97

ZONE 2 - AB3 (10,000 TON)

PRODUCER	QUARRY	HAUL COST	BID COST	DELIVERED COST	DELIVERED COST/TON
N.R. HAMM	HARRELL	\$17,040.00	\$50,000.00	\$67,040.00	\$6.70
HUNT MIDWEST	GLOBE	\$21,680.00	\$42,500.00	\$64,180.00	\$6.42
MARTIN MARIETTA	BIG SPRINGS	\$30,896.00	\$52,500.00	\$83,396.00	\$8.34
MARTIN MARIETTA	OTTAWA	\$31,357.00	\$35,000.00	\$66,357.00	\$6.64

ZONE 2 - SS3 (6,500 TON)

PRODUCER	QUARRY	HAUL COST	BID COST	DELIVERED COST	DELIVERED COST/TON
N.R. HAMM	HARRELL	\$8,108.10	\$34,125.00	\$42,233.10	\$6.50
HUNT MIDWEST	GLOBE	\$9,046.70	\$30,875.00	\$39,921.70	\$6.14
MARTIN MARIETTA	BIG SPRINGS	\$17,110.60	\$42,250.00	\$59,360.60	\$9.13
MARTIN MARIETTA	OTTAWA	\$20,040.80	\$23,725.00	\$43,765.80	\$6.73

DOUGLAS COUNTY PUBLIC WORKS
2003 VARIOUS AGGREGATE BID
ZONE 1 - AB3

H.R.HAMM - NORTH LAWRENCE QUARRY

CENTROID	MILES/ CENTROID	HAUL DISTANCE	% MAT'L/ CENTROID	TONS CENTROID	HAUL COST PER TON
		17.42	25.52%		
		16.50	38.70%		
		11.95	4.47%		
		16.44	31.31%		

HAUL COST: \$4,953.60
 BID COST: \$10,600.00
 DELIVERED COST: \$15,553.60
 DELIVERED COST/TON \$7.78

HUNT MIDWEST - LAWRENCE QUARRY

CENTROID	MILES/ CENTROID	HAUL DISTANCE	% MAT'L/ CENTROID	TONS CENTROID	HAUL COST PER TON
1A	11.25	6.25	25.52%	510.4	0.2393
1B	17.06	4.40	38.70%	774	0.2554
1C	1.97	4.75	4.47%	89.4	0.0318
1D	13.8	16.75	31.31%	626.2	0.7867
	44.08			2,000 Tons	1.3132

HAUL COST: \$2,626.40
 BID COST: \$10,000.00
 DELIVERED COST: \$12,626.40
 DELIVERED COST/TON \$6.31

MARTIN MARIETTA - BIG SPRINGS QUARRY

CENTROID	MILES/ CENTROID	HAUL DISTANCE	% MAT'L/ CENTROID	TONS CENTROID	HAUL COST PER TON
1A	11.25	3.50	25.52%	510.4	0.1340
1B	17.06	9.32	38.70%	774	0.5410
1C	1.97	11.00	4.47%	89.4	0.0738
1D	13.8	23.00	31.31%	626.2	1.0802
	44.08			2,000 Tons	1.8290

HAUL COST: \$3,658.00
 BID COST: \$10,500.00
 DELIVERED COST: \$14,158.00
 DELIVERED COST/TON \$7.08

MARTIN MARIETTA - OTTAWA QUARRY

CENTROID	MILES/ CENTROID	HAUL DISTANCE	% MAT'L/ CENTROID	TONS CENTROID	HAUL COST PER TON
1A	11.25	31.00	25.52%	510.4	1.1867
1B	17.06	31.20	38.70%	774	1.8112
1C	1.97	24.52	4.47%	89.4	0.1644
1D	13.8	27.80	31.31%	626.2	1.3056
	44.08			2,000 Tons	4.4679

HAUL COST: \$8,935.80
 BID COST: \$7,000.00
 DELIVERED COST: \$15,935.80
 DELIVERED COST/TON \$7.97

COMPUTATIONS: % Material/Centroid = Miles per Centroid/Total Distance Combined Centroids
 Tons Per Centroid = Total Bid Tons x % Material/Centroid
 Haul Cost Per Ton = Haul Distance x \$0.15/Mile/Ton x % Material/Centroid
 Haul Cost = Total Haul Cost/Ton x Total Bid Tons

NOTE: HAUL COST COMPUTED USING \$0.15/MILE/TON

**DOUGLAS COUNTY PUBLIC WORKS
2003 VARIOUS AGGREGATE BID
ZONE 2 - AB3**

H.R.HAMM - HARRELL QUARRY (631 N. 950 Rd.)

CENTROID	MILES/ CENTROID	HAUL DISTANCE	% MAT'L/ CENTROID	TONS CENTROID	HAUL COST PER TON
2A	28.00	2.60	28.06%	2806	0.1094
2B	13.76	3.45	13.79%	1379	0.0714
2C	12.64	10.75	12.66%	1266	0.2041
2D	12.60	17.25	12.62%	1262	0.3265
2E	10.80	16.00	10.82%	1082	0.2597
2F	8.00	20.25	8.02%	802	0.2436
2G	14.00	23.25	14.03%	1403	0.4893
	99.80			10,000 Tons	1.7040
			HAUL COST:	\$17,040.00	
			BID COST:	\$50,000.00	
			DELIVERED COST:	\$67,040.00	
			DELIVERED COST/TON:	\$6.70	

HUNT MIDWEST - GLOBE QUARRY

CENTROID	MILES/ CENTROID	HAUL DISTANCE	% MAT'L/ CENTROID	TONS CENTROID	HAUL COST PER TON
2A	28.00	10.60	28.06%	2806	0.4462
2B	13.76	6.00	13.79%	1379	0.1241
2C	12.64	11.25	12.66%	1266	0.2136
2D	12.60	16.75	12.62%	1262	0.3171
2E	10.80	21.60	10.82%	1082	0.3506
2F	8.00	19.75	8.02%	802	0.2376
2G	14.00	22.75	14.03%	1403	0.4788
	99.80			10,000 Tons	2.1680
			HAUL COST:	\$21,680.00	
			BID COST:	\$42,500.00	
			DELIVERED COST:	\$64,180.00	
			DELIVERED COST/TON:	\$6.42	

MARTIN MARIETTA - BIG SPRINGS QUARRY

CENTROID	MILES/ CENTROID	HAUL DISTANCE	% MAT'L/ CENTROID	TONS CENTROID	HAUL COST PER TON
2A	28.00	9.77	28.06%	2806	0.4112
2B	13.76	14.32	13.79%	1379	0.2962
2C	12.64	23.30	12.66%	1266	0.4425
2D	12.60	27.68	12.62%	1262	0.5240
2E	10.80	24.50	10.82%	1082	0.3976
2F	8.00	29.00	8.02%	802	0.3489
2G	14.00	31.80	14.03%	1403	0.6692
	99.80			10,000 Tons	3.0896
			HAUL COST:	\$30,896.00	
			BID COST:	\$52,500.00	
			DELIVERED COST:	\$83,396.00	
			DELIVERED COST/TON:	\$8.34	

MARTIN MARIETTA - OTTAWA QUARRY

CENTROID	MILES/ CENTROID	HAUL DISTANCE	% MAT'L/ CENTROID	TONS CENTROID	HAUL COST PER TON
2A	28.00	24.77	28.06%	2806	1.0426
2B	13.76	20.22	13.79%	1379	0.4182
2C	12.64	14.50	12.66%	1266	0.2754
2D	12.60	17.10	12.62%	1262	0.3237
2E	10.80	21.36	10.82%	1082	0.3467
2F	8.00	20.20	8.02%	802	0.2430
2G	14.00	23.10	14.03%	1403	0.4861
	99.80			10,000 Tons	3.1357
			HAUL COST:	\$31,357.00	
			BID COST:	\$35,000.00	
			DELIVERED COST:	\$66,357.00	
			DELIVERED COST/TON:	\$6.64	

NOTE: HAUL COST COMPUTED USING \$0.15/MILE/TON

DOUGLAS COUNTY PUBLIC WORKS
2003 VARIOUS AGGREGATE BID
ZONE 2 - SS-3

H.R.HAMM - HARRELL QUARRY (631 N 950 Rd.)

CENTROID	MILES/ CENTROID	HAUL DISTANCE	% MAT'L/ CENTROID	TONS CENTROID	HAUL COST PER TON
2V	4.65	6.85	16.40%	1066.0	0.1685
2W	7.60	5.50	26.81%	1742.6	0.2212
2X	12.10	9.00	42.68%	2774.2	0.5762
2Y	4.00	13.30	14.11%	917.2	0.2815
	28.35			6,500 Tons	1.2474

HAUL COST: \$8,108.10
 BID COST: \$34,125.00
 DELIVERED COST: \$42,233.10
 DELIVERED COST/TON: \$6.50

HUNT MIDWEST - GLOBE QUARRY

CENTROID	MILES/ CENTROID	HAUL DISTANCE	% MAT'L/ CENTROID	TONS CENTROID	HAUL COST PER TON
2V	4.65	14.76	16.40%	1066.0	0.3631
2W	7.60	7.71	26.81%	1742.6	0.3101
2X	12.10	8.51	42.68%	2774.2	0.5448
2Y	4.00	8.21	14.11%	917.2	0.1738
	28.35			6,500 Tons	1.3918

HAUL COST: \$9,046.70
 BID COST: \$30,875.00
 DELIVERED COST: \$39,921.70
 DELIVERED COST/TON: \$6.14

MARTIN MARIETTA - BIG SPRINGS QUARRY

CENTROID	MILES/ CENTROID	HAUL DISTANCE	% MAT'L/ CENTROID	TONS CENTROID	HAUL COST PER TON
2V	4.65	8.50	16.40%	1066.0	0.2091
2W	7.60	17.85	26.81%	1742.6	0.7178
2X	12.10	18.69	42.68%	2774.2	1.1965
2Y	4.00	24.05	14.11%	917.2	0.5090
	28.35			6,500 Tons	2.6324

HAUL COST: \$17,110.60
 BID COST: \$42,250.00
 DELIVERED COST: \$59,360.60
 DELIVERED COST/TON: \$9.13

MARTIN MARIETTA - OTTAWA QUARRY

CENTROID	MILES/ CENTROID	HAUL DISTANCE	% MAT'L/ CENTROID	TONS CENTROID	HAUL COST PER TON
2V	4.65	29.07	16.40%	1066.0	0.7151
2W	7.60	17.02	26.81%	1742.6	0.6845
2X	12.10	22.82	42.68%	2774.2	1.4609
2Y	4.00	10.52	14.11%	917.2	0.2227
	28.35			6500 Tons	3.0832

HAUL COST: \$20,040.80
 BID COST: \$23,725.00
 DELIVERED COST: \$43,765.80
 DELIVERED COST/TON: \$6.73

NOTE: HAUL COST COMPUTED USING \$0.15/MILE/TON