

# **BOARD OF COUNTY COMMISSIONERS AGENDA MIAMI COUNTY, KANSAS**

Wednesday, January 13, 2021 | 1:00 p.m.

## **CALL TO ORDER AND OPEN CEREMONIES**

- **PLEDGE OF ALLEGIANCE**
- **ROLL CALL**

## **PUBLIC COMMENT**

The Board of County Commissioners encourages citizen participation in local governance processes. Making every effort to be in compliance with the Kansas Open Meetings Act (KSA 75-4317), you are invited to participate in today's meeting. Speakers are requested to state their full name, address, and group affiliation, if any, before delivering any remarks. Speakers should limit their comments as to not exceed five minutes. Always speak from the podium, using the microphone. If documentation or material is presented to the Board of County Commissioners, please provide them to the Clerk for distribution and filing with the official record of the meeting.

## **CONSENT AGENDA**

The CONSENT AGENDA is a single agenda item that can include multiple items previously reviewed and determined to be of a routine business nature. Items that are included as part of the CONSENT AGENDA will be voted upon under a single motion unless a separate discussion on any single item is requested by a Member of the Board of County Commissioners or a member of the public. If a separate discussion on any item is requested, it will be set aside for further consideration as part of the ACTION AGENDA.

1. Approval of minutes of the county commission meeting on January 6, 2020
2. Approval of payment vouchers

## **ACTION AGENDA**

1. RESOLUTION – Consider adopting a resolution establishing commission districts.
2. PURCHASE – Consider the purchase of four motor graders (with trade-ins) utilizing special machinery funds and road and bridge funds.
3. CONTRACT – Consider approving quotation and contract with Hoidale Company for the installation of a overhead lubricant dispensing system at road and bridge for the price of \$32,592.01.
4. RESOLUTION – Consider approving a resolution revising the current 30 mph speed limit located on 347<sup>th</sup> Street from Osawatomie City Limits then 2,200 feet west to the existing 55 mph speed to 50 mph.

## **APPLICATIONS**

## **REPORTS FROM STAFF, COMMITTEES, OFFICERS**

## **COMMISSION COMMENTS**

## **EXECUTIVE SESSION**

## **ADJOURNMENT**

**BOARD OF COUNTY COMMISSIONERS AGENDA  
MIAMI COUNTY, KANSAS**

Wednesday, January 13, 2021 | 1:00 p.m.

Miami County does not discriminate on the basis of race, color, national origin, gender, religion, age disability, genetic information, or other circumstance prohibited by federal, state, or local law, rule, or regulation, including Title II of the Americans with Disabilities Act. A request for accommodation for a disability; or other assistance, should be made, if possible, at least 3 days in advance to County Counselor, Sheila Schultz @ 913-294-3914.

# MIAMI COUNTY STAFF REQUEST FOR COMMISSION ACTION

<b>SUBMITTED BY:</b> Shane Krull	<b>REQUESTED MEETING DATE:</b> January 13, 2021
<b>DEPARTMENT:</b> Administration	<b>REQUESTED MEETING:</b> <input type="checkbox"/> STUDY SESSION <input checked="" type="checkbox"/> REGULAR MEETING
<b>CONTACT INFORMATION:</b>	<b>PROJECT / REFERENCE NUMBER:</b>

**AGENDA ITEM / SUBJECT:**  
Resolution establishing commission districts

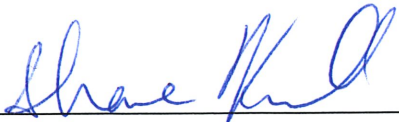
**ITEM BACKGROUND / DESCRIPTION:**  
The commission is required by K.S.A. 19-204 to establish commission districts into as compact and equal districts in population as possible at least once every three years. The last review was January 14, 2018 with the last alteration being in 2012, after the official 2010 census figures had been received.

**REQUESTED ACTION / STAFF RECOMMENDATION:**  
Signed and adopt resolution establishing commission districts.

**BUDGET IMPACT:**  
\$

<b>BUDGET AUTHORITY:</b> \$	<b>REMAINING BUDGET ALLOCATION:</b> \$
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<b>FUND / LINE ITEM:</b> ###-###-####	<b>FUNDS BUDGETED:</b> <input checked="" type="checkbox"/> YES <input type="checkbox"/> NO	<b>CAPITAL PROJECT:</b> <input type="checkbox"/> YES <input checked="" type="checkbox"/> NO
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SUBMITTER'S SIGNATURE:

1-7-21

DATE:

FISCAL REVIEW

*Steve Lyman*  
SIGNATURE:

*1/7/2021*  
DATE:

Comments:

LEGAL REVIEW

SIGNATURE:

DATE:

Comments:

ADMINISTRATOR REVIEW

*Shane Kell*  
SIGNATURE:

*1-7-21*  
DATE:

Comments:

COUNTY CLERK'S OFFICE USE

Commission Action Taken:

Accepted

Denied

Postponed

Acknowledged

Date Action Taken:

Required Follow-up Date:

Publication Required:

Submitted to Publication By:

Yes

No

NPG Account Number:

Mail Distribution Required:

Mailed By:

Yes

No

RESOLUTION NO. \_\_\_\_\_

**A RESOLUTION ESTABLISHING COMMISSION DISTRICTS FOR MIAMI COUNTY, KANSAS, PURSUANT TO K.S.A. 19-204.**

WHEREAS, Miami County, Kansas is a county municipal government and the County Commission is the governing and legislative body of such municipality; and

WHEREAS, the Commission is required by K.S.A. 19-204 at least once every three years to establish commission districts into as compact and equal districts in population as possible, with the last review being January 14, 2018 and the last alteration being in 2012, after the official 2010 census figures had been received; and

WHEREAS, the official 2019 estimated population figures for Miami County are 34,237 (32,787, +1,450) and the optimum population number for each commission district is 6,847 (6,557, +290); and

WHEREAS, the 2019 figures show an increase in population of 1,450 and an optimum number of +290 since the last alteration of commission districts in 2012 and it is the consensus of the Commission that adjustments to the commission districts are not justified due to the limited increase in population and optimum number within each district since 2012.

IT IS THE RESOLUTION OF THE BOARD OF COUNTY COMMISSIONERS OF MIAMI COUNTY, KANSAS that the current boundaries of the five commission districts shall not change, with said districts being described as follows:

The First Commission District shall be comprised of the following city and townships: Wea Township and the City of Louisburg, with a total population of 6,565 (6,265, +300, -282)

The Second Commission District shall be comprised of the following city and townships: the City of Paola, North Paola and West Middle Creek Townships, with a total population of 7,075 (6,922, +153, +228).

The Third Commission District shall be comprised of the following city and townships: the City of Osawatomie, West Valley, Osawatomie and Mound Townships, with a total population of 6,803 (6,892, -89, -44).

The Fourth Commission District shall be comprised of the following city and townships: the City of Spring Hill, Marysville and Ten Mile Townships, with a total population of 7,019(6,144, +875, +172).

The Fifth Commission District shall be comprised of the following townships: Richland, Stanton, South Paola, East Valley, Osage, Miami, Sugar Creek and East Middle Creek with a total population of 6,771 (6,566, +205, -76).

RESOLVED THIS 13TH DAY OF JANUARY, 2021.

BOARD OF COUNTY COMMISSIONERS  
MIAMI COUNTY, KANSAS

ATTEST:

\_\_\_\_\_  
BONNIE "ROB" ROBERTS, Chairman,

\_\_\_\_\_  
JANET WHITE, County Clerk

\_\_\_\_\_  
DANNY GALLAGHER, Chairman Pro-tem

Approved as to Form:

\_\_\_\_\_  
PHIL DIXON, Commissioner

\_\_\_\_\_  
SHEILA SCHULTZ, County Counselor

\_\_\_\_\_  
GEORGE PRETZ, Commissioner

\_\_\_\_\_  
TYLER VAUGHAN, Commissioner

# MIAMI COUNTY

## STAFF REQUEST FOR COMMISSION ACTION

<b>SUBMITTED BY:</b> J.R. McMahon & Mark Hays	<b>REQUESTED MEETING DATE:</b> January 13th 2021
<b>DEPARTMENT:</b> Road and Bridge	<b>REQUESTED MEETING:</b> <input checked="" type="checkbox"/> <b>STUDY SESSION</b> <input checked="" type="checkbox"/> <b>REGULAR MEETING</b>
<b>CONTACT INFORMATION:</b> J.R. McMahon & Mark Hay	<b>PROJECT / REFERENCE NUMBER:</b> None

**AGENDA SUBJECT:**  
 The purchase of 4 motorgraders (with trading-ins) for the use of maintaining blade routes in the County

**AGENDA SUBJECT BACKGROUND / DESCRIPTION:**  
 The 2020 R&B Budget allowed for the purchase of two route motorgraders. The funds for such purchase were not used in the fiscal year and were credited to the Special Machinery Fund. The 2021 R&B Budget allowed for the purchase of one route motorgrader. The Department would like to use the excess funding from the Special Machinery Budget to purchase three route motorgraders with the 2021 R&B Budget supporting the remaining one route motorgraders.

**REQUESTED ACTION / STAFF RECOMMENDATION:**  
 Commission consideration to purchase 4 motorgraders.

**BUDGET IMPACT:**  
 \$755,148.00 (\$466,361 from Special Machinery Fund & \$186,787 from the 2021 Road & Bridge Department Fund)

<b>BUDGET AVAILABLE FOR THIS ITEM:</b> 331-201-3706 - \$ 780,690.99 203-203-3706 - \$ 140,000.00	<b>BUDGET REMAINING FOR THIS ITEM:</b> 331-201-3706 \$ 214,329.99 203-203-3706 - \$ 48,797				
<b>FUND / LINE ITEM TO BE CHARGED:</b> 331-201-3706 203-203-3706	<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 50%;"><b>ITEM BUDGETED?:</b></td> <td style="width: 50%;"><b>CAPITAL PROJECT?:</b></td> </tr> <tr> <td> <input checked="" type="checkbox"/> YES      <input checked="" type="checkbox"/> NO                 </td> <td> <input type="checkbox"/> YES      <input checked="" type="checkbox"/> NO                 </td> </tr> </table>	<b>ITEM BUDGETED?:</b>	<b>CAPITAL PROJECT?:</b>	<input checked="" type="checkbox"/> YES <input checked="" type="checkbox"/> NO	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO
<b>ITEM BUDGETED?:</b>	<b>CAPITAL PROJECT?:</b>				
<input checked="" type="checkbox"/> YES <input checked="" type="checkbox"/> NO	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO				

**J.R. McMahon**

Digitally signed by J.R. McMahon  
 Date: 2021.01.07 08:04:45 -06'00'

1-7-2021

SUBMITTER'S SIGNATURE:

DATE:

FISCAL REVIEW

*Steve Lyman*  
SIGNATURE:

*1/7/2021*  
DATE:

Comments:

LEGAL REVIEW

SIGNATURE:

DATE:

Comments:

ADMINISTRATOR REVIEW

*Steve Lyman*  
SIGNATURE:

*1-7-21*  
DATE:

Comments:

COUNTY CLERK'S OFFICE USE

Commission Action Taken:

Accepted

Denied

Postponed

Acknowledged

Date Action Taken:

Required Follow-up Date:

Publication Required:

Submitted to Publication By:

Yes

No

NPG Account Number:

Mail Distribution Required:

Mailed By:

Yes

No

# MIAMI COUNTY ROAD & BRIDGE DEPARTMENT

201 SOUTH PEARL \* STE. 203  
PAOLA, KANSAS 66071

913-294-4377  
FAX: 913-294-3228



**J. R. McMAHON**  
**DIRECTOR**

January 7, 2021

To: Miami County Commission

From J.R. McMahon

Ref: Purchase of 4 route Motor Graders

The Department currently has 5 route motor graders that have in excess of 11,000 hours. All the motor graders are Cat model 12M. The advent of having 5 motor graders with such hours is the certainty of wear parts having to be replaced. These wear parts can be costly and are usually done by the manufacture in their shop using their labor. To date one of the 5 recently has extensive repairs (i.e. rebuilt transmission, new injectors and emission cleaning) which cost \$28,000.00+.

Multiple staff meetings on the subject of the replacement of the route motor graders gleaned that it would be prudent to replace 4 of the current 11,000+ machines and keep the repaired unit until 2022.

The Department then went out for quotes using the County approved "State Contract" Soucewell for prices. Such quotes are as follows:

Foley Equipment*	Cat Model 140 Joystick Control Motor grader	\$188,797 - Per Unit
John Deere	John Deere Model 670GP	\$205,300 & \$211,300 - Per Unit

\*Foley quote includes an upgraded 8 Year / 10,000 Hour Powertrain Warranty with Travel

Staff then met again and agreed on the following:

- Purchase 4 instead of 3 machines using Special Machinery and Road & Bridge Funds for the purchase
- Retain 1 machine due to pervious expenditures until the FY 2022

The Department believes this is the most efficient use of funds to assure a modern fleet at the lowest cost.

Therefore, the Road and Bridge Department would like Commission Consideration to approve the purchase of 4 Cat Model 140 Joystick Control Motor graders (with the 8 Year / 10,000-hour Powertrain Warranty with Travel) at \$188,797.00 per unit for a total price of \$755,148.00.

#### Fund Sources:

- |  |              |
|--|--------------|
| • 331-201-3706 – Special Machinery           | \$566,331.00 |
| • 203-203-3706 - 2021 Road and Bridge Budget | \$188,797.00 |

If you have any questions, please contact either Mark Hays or myself

*This institution is an equal opportunity provider and employer*

2021 MACHINE LIST PRICE PER MACHINE	\$409,986
EXT WARRANTY (6yr/7500hr Premier with 8yr/10K hr Powertrain w/Travel Included)	Included
SOURCEWELL - 30% DISCOUNT OFF LIST PRICE - CONTRACT #032515-CAT	(\$122,996)
FREIGHT, MAKE READY, WARRANTY, DEALER INSTALL ITEMS	\$16,800
CATERPILLAR/FOLEY EQUIPMENT CUSTOMER LOYALTY ADDITIONAL DISCOUNT	(\$55,003)
GROSS TRADE IN ALLOWANCE PER MACHINE	(\$60,000)
NET PURCHASE PRICE AFTER TRADE PER MACHINE	\$188,787

**TRADE-INS**

Model	Make	Serial Number	Year	Trade Allowance Per Machine
12M2	CATERPILLAR	FM9xxxx	2012	\$60,000.00

**WARRANTY**

Standard Warranty: 12 months unlimited hours  
 Extended Warranty: Premier Warranty 6yr/7500hrs with Travel  
 ADDITIONAL POWERTRAIN WARRANTY OUT TO 8yr/10000 hrs w/travel

**ADDITIONAL INFORMATION**

- Each machines will come with Foley Equipment Provided 5K hour DPF service.
- Each machine will come with 2 days of operator training to be set up by a Caterpillar Equipment trainer and Miami County personnel.
- Each machine comes with additional **8 YEAR/10,000HR POWERTRAIN WARRANTY WITH TRAVEL**

F.O.B/TERMS  
 Paola, KS

Accepted by \_\_\_\_\_ on \_\_\_\_\_

\_\_\_\_\_  
 Signature



Quote 180705-01  
December 11, 2020

MIAMI COUNTY HIGHWAY DEPT  
201 S PEARL ST STE 203  
PAOLA  
Kansas  
66071-1777

Attention: J R MCMAHON

Dear Sir,

We would like to thank you for your interest in our company and our products, and are pleased to quote the following for your consideration.

Caterpillar Model: 140 JOYSTICK CONTROL MOTORGRADERS

STOCK NUMBER:            SERIAL NUMBER:            YEAR: 2021

We wish to thank you for the opportunity of quoting on your equipment needs. This quote is contingent upon Customer's acceptance of Foley's standard terms and conditions. This quotation is valid for 30 days, after which time we reserve the right to re-quote. If there are any questions, please do not hesitate to contact me.

Sincerely,

Brock Schwartz  
Regional Sales Representative

## Caterpillar Model: 140 JOYSTICK CONTROL MOTOR GRADER

### STANDARD EQUIPMENT

**POWERTRAIN**, Air cleaner, dual stage dry type radial, seal with service indicator and, automatic dust ejector, Air-to-air after cooler (ATAAC), Belt, serpentine, automatic tensioner, Brakes, oil disc, four-wheel, hydraulic, Demand fan, hydraulic, Differential, lock/unlock, Automatic, Drain, engine oil, ecology, Electronic over-speed protection, Parking brake, multi-disc, sealed and, oil cooled., Sediment drain, fuel tank., Transmission, 8 speed forward and, 6 speed reverse, power shift, direct, drive, VHP Plus (Variable Horse Power Plus),

**ELECTRICAL**, Alarm, back-up, Alternator, 150 ampere, sealed, Batteries, maintenance free, heavy, duty, 1125 CCA, Breaker panel, ground accessible, Electrical hydraulic valves, Electrical system, 24V, Grade Control Ready (Cab harness., software, electrical hydraulic valves., bosses and brackets), Lights, reversing, Lights, roading, roof-mounted., stop and tail, LED, Starter, electric

**OPERATOR ENVIRONMENT**, Air Conditioning with heater, Articulation, automatic return to center, Centershift pin indicator, Display, digital speed and gear, Doors, left and right side with wiper, Gauge, machine level, Gauges (analog) inside the cab, (includes fuel, articulation, engine, coolant temp, engine RPM., and hydraulic oil temp, DEF/AdBlue), Joystick, adjustable armrests, Joystick gear selection, hydraulic, power steering hydraulic controls, (right/left, blade lift w/ float, position, blade sideshift and tip., circle drive, centershift, front wheel, lean and articulation and steering), Lights, night time cab, Messenger operator information system, Meter, hour, digital, Mirror, inside rearview, wide angle, Power port, 12V, Radio ready, entertainment, ROPS cab, sound suppressed, - 69dB(A) - ISO 6394, Seat, cloth-covered, comfort suspension, Storage area for cooler/lunchbox, Throttle control, electronic, Windows laminated glass., -Fixed front with intermittent wiper, -Door with intermittent wipers (3), Windows tempered., -Left and right side wipers, -Rear with intermittent wiper, Cab storage,

**SAFETY AND SECURITY**, Clutch, circle drive slip, Doors, 2 engine compartment, (two left, hand, two right hand) locking, Doors, 2 service, left and right locking, Ground level engine shutdown, Hammer (emergency exit), Horn, electric, Lockout, hydraulic implement (for, roading and servicing), Seat belt, retractable 76.2 (3"), Secondary steering, Tandem walkway/guards

**TIRES, RIMS, AND WHEELS**, A partial allowance for tires on, 254mm x 609.6mm (10" x 24") multi-piece, rims is included in the base machine, price and weight.

**FLUIDS**, Antifreeze, Extended life coolant -35C/-30F

**OTHER STANDARD EQUIPMENT**, Accumulators -brake -dual certified, Drawbar, 6 shoe w/replaceable wear strips, Fluid check, ground level, Fuel tank, 398 liters (105 gallon), Ground level fueling, DEF/AdBlue Tank, 21 liters (5.5 gallon), Hydraulic lines for base functions, Pump, hydraulic, high capacity, (98cc / 15 cu in), Radiator, cleanout access, (both sides with swing doors), SOS ports - engine -hydraulic, -transmission -coolant -fuel, Tool box, Debris guard,

**MACHINE SPECIFICATIONS**

<b>Déscription</b>	<b>Reference No</b>
140 15A MOTOR GRADER	577-3021
MOLDBOARD, 14'	349-3047
HITCH, TOWING	337-7510
COLD WEATHER PACKAGE	394-4521
EXTREME DUTY BATTERIES-1400 CCA	
ETHER STARTING AID	
10W HYDRAULIC OIL	
LINES,STANDARD W/O ACCUMULATOR	305-2927
<b>ENGINE, TIER IV- NONE EGR MOTOR</b>	567-4685
DRAIN, HIGH SPEED, ENGINE OIL	501-1163
<b>STARTER, ELECTRIC, HEAVY DUTY</b>	394-3945
LIGHTS, ARM, FOLD DOWN	536-9969
CAB, PLUS (STANDARD GLASS)	385-9554
CAB, PLUS (INTERIOR)	397-7457
SEAT, AIR SUSPESION, CLOTH, HEATED	
RADIO,12V, AM/FM, BLUETOOTH, USB, AUX INPUT	
SUN SHADE	
FAN, DEFROSTER – CONVERTER, COMMUNICATION	
SEAT BELT	394-1492
PRODUCT LINK, CELLULAR PLE742	464-6442
<b>DIGITAL BLADE SLOPE METER</b>	585-3091
<b>CONTROL,AUTO ARTICULATION-FULL</b>	435-2072
<b>TIRES,14.0R24 MICHELIN XSNO+ * G2 MP</b>	252-0701
GUARD GP, HITCH	323-6970
ARTICULATION GUARD	368-6239
COOLANT, 50/50, -35C (-31F)	469-8157
ANTIFREEZE WINDSHIELD WASHER	0P-1939
FUEL ANTIFREEZE, -25C (-13F)	0P-3978
LIGHT, LED WARNING STROBE	338-1132
LIGHTS, SERVICE, INTERNAL	380-3070
<b>CAMERA, REAR VISION</b>	396-3921
MIRRORS, OUTSIDE HEATED 24V	344-0984
GUARD, TRANSMISSION	366-2459
<b>HEATER, ENGINE COOLANT, 120V</b>	249-5516
CIRCLE SAVER LUBRICATION SYSTEM	521-3250
<b>BASE + 1 HYDRAULICS, FRONT LIFT GROUP</b>	309-9848
LIGHTS, ROADING, HALOGEN	421-7810
<b>HEADLIGHTS,FRONT, HIGH,HALOGEN</b>	308-9371
<b>FENDERS, FRONT, NON-AWD</b>	308-7368
PRECLEANER, SY-KLONE	380-6775
<b>FRONT LIFT GROUP (RECONDITIONED OFF CURRENT MACHINES)</b>	
<b>JOYSTICK CONTROLS, ADVANCED</b>	458-8701
LIGHTS, WORKING, BASIC,HALOGEN	395-1966
MOUNTING, WARNING LIGHT AND BEACON	361-3137

**Quote Summary**

**Prepared For:**  
 MIAMI COUNTY ROAD & BRIDGE DEPARTMENT  
 201 S PEARL ST STE 203  
 PAOLA, KS 66071  
 Business: 913-294-4377

**Prepared By:**  
 JIM LEVY  
 Murphy Tractor & Equipment  
 8600 Ne Parvin Road  
 Kansas City, MO 64161-8300  
 Phone: 816-483-5000  
 Mobile: 816-898-3739  
 jlevy@murphytractor.com

**New 2020 John Deere 670GP Motor Grader**  
 Finance amount = \$205,695.00 (includes \$395 doc fee)  
 60 month walk away lease – 1,500 hrs/yr  
 Residual = \$64,071.00  
 Annual payments due in advance = \$33,666.82

**Quote Id:** 22215150  
**Created On:** 24 June 2020  
**Last Modified On:** 20 August 2020  
**Expiration Date:** 31 August 2020

Lease Financing provided by:  
**Bell Bank Equipment Finance**  
 The Colonnade | 5500 Wayzata Blvd. | Minneapolis, MN 55416  
 Mobile 612.251.1037 | Fax 833.200.6043

Equipment Summary	Selling Price	Qty	=	Extended
JOHN DEERE 670GP MOTOR GRADER - To be ordered	\$ 239,606.00	1	=	\$ 239,606.00
John Deere Extended Warranty-84 months / 7000 Hrs Full	\$ 11,694.00	1	=	\$ 11,694.00
<b>Sub Total</b>				<b>\$ 251,300.00</b>
<b>Equipment Total</b>				<b>\$ 251,300.00</b>

Trade In Summary	Qty	Each	Extended
2012 CATERPILLAR 12M 2 - 9M00212	1	\$ 46,000.00	\$ 46,000.00
PayOff			\$ 0.00
Total Trade Allowance			\$ 46,000.00
<b>Trade In Total</b>			<b>\$ 46,000.00</b>

Quote Summary	
Equipment Total	\$ 251,300.00
Trade In	\$ (46,000.00)
SubTotal	\$ 205,300.00
Total	\$ 205,300.00
Balance Due	<b>\$ 205,300.00</b>

*John  
 Waln  
 unit # 337  
 Hrs. 11,368*

Salesperson : X \_\_\_\_\_

Accepted By : X \_\_\_\_\_

**Quote Summary**

**Prepared For:**

MIAMI COUNTY ROAD & BRIDGE DEPARTMENT  
 201 S PEARL ST STE 203  
 PAOLA, KS 66071  
 Business: 913-294-4377

**Prepared By:**

JIM LEVY  
 Murphy Tractor & Equipment  
 8600 Ne Parvin Road  
 Kansas City, MO 64161-8300  
 Phone: 816-483-5000  
 Mobile: 816-898-3739  
 jlevy@murphytractor.com

***New 2020 John Deere 670GP Motor Grader***  
 Finance amount = \$205,695.00 (includes \$395 doc fee)  
 60 month walk away lease – 1,500 hrs/yr  
 Residual = \$64,071.00  
 Annual payments due in advance = \$33,666.82

**Quote Id:** 22043343  
**Created On:** 03 June 2020  
**Last Modified On:** 20 August 2020  
**Expiration Date:** 31 August 2020

Lease Financing provided by:

**Bell Bank Equipment Finance**  
 The Colonnade | 5500 Wayzata Blvd. | Minneapolis, MN 55416  
 Mobile 612.251.1037 | Fax 833.200.6043

Equipment Summary	Selling Price	Qty	Extended
JOHN DEERE 670GP MOTOR GRADER - To be ordered	\$ 239,606.00 X	1 =	\$ 239,606.00
5 Year/10,000 Hour DPF Assurance	\$ 0.00 X	1 =	\$ 0.00
John Deere Extended Warranty-84 months / 7000 Hrs Full	\$ 11,694.00 X	1 =	\$ 11,694.00
<b>Sub Total</b>			<b>\$ 251,300.00</b>
<b>Equipment Total</b>			<b>\$ 251,300.00</b>

Trade In Summary	Qty	Each	Extended
2012 CATERPILLAR 12M 2 - 9M00215	1	\$ 46,000.00	\$ 46,000.00
PayOff			\$ 0.00
Total Trade Allowance			\$ 46,000.00
<b>Trade In Total</b>			<b>\$ 46,000.00</b>

*Brett*  
*Unit # 338*  
*Hrs. 11,020*

Quote Summary	
Equipment Total	\$ 251,300.00
Trade In	\$ (46,000.00)
SubTotal	\$ 205,300.00
Total	\$ 205,300.00
Balance Due	\$ 205,300.00

Salesperson : X \_\_\_\_\_

Accepted By : X \_\_\_\_\_

**Quote Summary**

**Prepared For:**

MIAMI COUNTY ROAD & BRIDGE DEPARTMENT  
 201 S PEARL ST STE 203  
 PAOLA, KS 66071  
 Business: 913-294-4377

**Prepared By:**

JIM LEVY  
 Murphy Tractor & Equipment  
 8600 Ne Parvin Road  
 Kansas City, MO 64161-8300  
 Phone: 816-483-5000  
 Mobile: 816-898-3739  
 jlevy@murphytractor.com

***New 2020 John Deere 670GP Motor Grader***  
 Finance amount = \$211,695.00 (includes \$395 doc fee)  
 60 month walk away lease – 1,500 hrs/yr  
 Residual = \$64,071.00  
 Annual payments due in advance = \$34,975.47

**Quote Id:** 22215145  
**Created On:** 24 June 2020  
**Last Modified On:** 20 August 2020  
**Expiration Date:** 31 August 2020

Lease Financing provided by:

**Bell Bank Equipment Finance**  
 The Colonnade | 5500 Wayzata Blvd. | Minneapolis, MN 55416  
 Mobile 612.251.1037 | Fax 833.200.6043

Equipment Summary	Selling Price	Qty	Extended
JOHN DEERE 670GP MOTOR	\$ 239,606.00 X	1 =	\$ 239,606.00
GRADER - To be ordered			
John Deere Extended Warranty-84 months / 7000 Hrs Full	\$ 11,694.00 X	1 =	\$ 11,694.00
<b>Sub Total</b>			<b>\$ 251,300.00</b>
<b>Equipment Total</b>			<b>\$ 251,300.00</b>
Trade In Summary	Qty	Each	Extended
2012 CATERPILLAR 12M 2 - 9M00217	1	\$ 40,000.00	\$ 40,000.00
PayOff			\$ 0.00
Total Trade Allowance			\$ 40,000.00
<b>Trade In Total</b>			<b>\$ 40,000.00</b>

**Quote Summary**

Equipment Total	\$ 251,300.00
Trade In	\$ (40,000.00)
SubTotal	\$ 211,300.00
Total	\$ 211,300.00
<b>Balance Due</b>	<b>\$ 211,300.00</b>

*William*

*Unit # 339*

*Hrs. 11,360*

Salesperson : X \_\_\_\_\_

Accepted By : X \_\_\_\_\_

**Quote Summary**

**Prepared For:**

MIAMI COUNTY ROAD & BRIDGE DEPARTMENT  
 201 S PEARL ST STE 203  
 PAOLA, KS 66071  
 Business: 913-294-4377

**Prepared By:**

JIM LEVY  
 Murphy Tractor & Equipment  
 8600 Ne Parvin Road  
 Kansas City, MO 64161-8300  
 Phone: 816-483-5000  
 Mobile: 816-898-3739  
 jlevy@murphytractor.com

**New 2020 John Deere 670GP Motor Grader**  
 Finance amount = \$205,695.00 (includes \$395 doc fee)  
 60 month walk away lease – 1,500 hrs/yr  
 Residual = \$64,071.00  
 Annual payments due in advance = \$33,666.82

**Quote Id:** 22215153  
**Created On:** 24 June 2020  
**Last Modified On:** 20 August 2020  
**Expiration Date:** 31 August 2020

Lease Financing provided by:

**Bell Bank Equipment Finance**  
 The Colonnade | 5500 Wayzata Blvd. | Minneapolis, MN 55416  
 Mobile 612.251.1037 | Fax 833.200.6043

Equipment Summary	Selling Price	Qty	Extended
JOHN DEERE 670GP MOTOR GRADER - To be ordered	\$ 239,606.00 X	1 =	\$ 239,606.00
John Deere Extended Warranty-84 months / 7000 Hrs Full	\$ 11,694.00 X	1 =	\$ 11,694.00
<b>Sub Total</b>			<b>\$ 251,300.00</b>
<b>Equipment Total</b>			<b>\$ 251,300.00</b>
Trade In Summary	Qty	Each	Extended
2012 CATERPILLAR 12M 2 - 9M00240	1	\$ 46,000.00	\$ 46,000.00
PayOff			\$ 0.00
Total Trade Allowance			\$ 46,000.00
<b>Trade In Total</b>			<b>\$ 46,000.00</b>

*Allen*  
*Unit #341*  
*Hrs. 11,052*

Quote Summary	
Equipment Total	\$ 251,300.00
Trade In	\$ (46,000.00)
SubTotal	\$ 205,300.00
Total	\$ 205,300.00
Balance Due	\$ 205,300.00

Salesperson : X \_\_\_\_\_

Accepted By : X \_\_\_\_\_

# MIAMI COUNTY

## STAFF REQUEST FOR COMMISSION ACTION

<b>SUBMITTED BY:</b> J.R. McMahon	<b>REQUESTED MEETING DATE:</b> January 13th 2020
<b>DEPARTMENT:</b> Road and Bridge	<b>REQUESTED MEETING:</b> <input checked="" type="checkbox"/> <b>STUDY SESSION</b> <input checked="" type="checkbox"/> <b>REGULAR MEETING</b>
<b>CONTACT INFORMATION:</b> J.R. McMahon	<b>PROJECT / REFERENCE NUMBER:</b> None

**AGENDA SUBJECT:**  
Revise the current 30 mph speed limit located on 347th Street from the Osawatomie City Limits then 2,200 feet West to the existing 55 mph speed to 50 mph.

**AGENDA SUBJECT BACKGROUND / DESCRIPTION:**  
The Mill Street Bridge located <sup>East</sup> West of the City limits of Osawatomie was replaced in 2017. The bridge and adjoining roadway were built to a 30 mph design speed. The area was subsequently posted as such. Recent roadway classifications show the 85th percentile of motorist using this section of road are traveling at 50 mph. The Department has received requests from residents and the City of Osawatomie to revise the speed limit to the 85th percentile as this is the actual speed of the users

**REQUESTED ACTION / STAFF RECOMMENDATION:**  
Commission consideration to approve the revised speed limit using the 85th percentile method instead of design speed.

**BUDGET IMPACT:**  
None

<b>BUDGET AVAILABLE FOR THIS ITEM:</b> N/A	<b>BUDGET REMAINING FOR THIS ITEM:</b> N/A	
<b>FUND / LINE ITEM TO BE CHARGED:</b> N/A	<b>ITEM BUDGETED?:</b> <input checked="" type="checkbox"/> YES <input type="checkbox"/> NO	<b>CAPITAL PROJECT?:</b> <input type="checkbox"/> YES <input checked="" type="checkbox"/> NO

**J.R. McMahon** Digitally signed by J.R. McMahon  
Date: 2021.01.06 10:03:47 -06'00'

1-6-2021

---

SUBMITTER'S SIGNATURE: DATE:

FISCAL REVIEW

*Steve Simpson*

*1/7/2021*

SIGNATURE:

DATE:

Comments:

LEGAL REVIEW

SIGNATURE:

DATE:

Comments:

ADMINISTRATOR REVIEW

*Shane M. O'Neil*

*1-7-21*

SIGNATURE:

DATE:

Comments:

COUNTY CLERK'S OFFICE USE

Commission Action Taken:

Accepted

Denied

Postponed

Acknowledged

Date Action Taken:

Required Follow-up Date:

Publication Required:

Submitted to Publication By:

Yes  No

NPG Account Number:

Mail Distribution Required:

Mailed By:

Yes  No

**RESOLUTION FOR THE ESTABLISHMENT OF SPEED LIMIT(S)**

NO. \_\_\_\_\_

**A RESOLUTION ESTABLISHING A MAXIMUM SPEED LIMIT OF 50 MPH ON 347<sup>TH</sup> STREET BEGINNING AT THE CITY LIMITS OF OSAWATOMIE, KANSAS THEN EAST FOR 2,200 FEET TO THE EXISTING 55 MPH ZONE, ALL WITHIN RURAL MIAMI COUNTY, KANSAS.**

**Whereas**, Miami County, Kansas, is a County corporation with the power of home rule pursuant to K.S.A. 19-101A;

**Whereas**, a traffic study showed the 85<sup>th</sup> percentile of vehicle speed of 50 mph at this location;

**Whereas**, there have been no reported accidents of said location;

**Therefore**, the Miami County Road and Bridge Department has determined the establishment a of 50 mph on 347<sup>th</sup> Street beginning at the City Limits of Osawatomie, Kansas then East for 2,200 feet to the existing 55 mph zone, using the 85<sup>th</sup> percentile as the determining factor.

**IT IS THE FINDING AND RESOLUTION OF THE BOARD OF COUNTY COMMISSIONERS**, that a maximum speed limit of 50 mph ON 347<sup>th</sup> Street beginning at the City Limits of Osawatomie, Kansas then East for 2,200 feet to the existing 55 mph zone, all being within rural Miami County, Kansas and that said signs designating such speed limits shall be posted by the Miami County Road and Bridge Department at appropriate locations.

This resolution shall become effective upon publication in the official county newspaper and placement of said signs.

Adopted this \_\_\_\_\_ day of \_\_\_\_\_ 2021.

BOARD OF COUNTY COMMISSIONERS  
MIAMI COUNTY, KANSAS

ATTEST:

\_\_\_\_\_  
BONNIE "ROB" ROBERTS, Chairman

\_\_\_\_\_  
DANNY GALLAGHER, Chairman Pro-tem

\_\_\_\_\_  
JANET WHITE, County Clerk

\_\_\_\_\_  
TYLER VAUGHN, Commissioner

Approved as to Form:

\_\_\_\_\_  
PHIL DIXON, Commissioner

\_\_\_\_\_  
GEORGE PRETZ, Commissioner

\_\_\_\_\_  
SHEILA SCHULTZ, County Counselor

**MIAMI COUNTY ROAD and BRIDGE**

23765 W 327th Sreet  
Paola, Kansas 66071  
913-294-4377

Page 1  
347 Street  
East of Osawatomie City Limits  
Station ID: 79

COMBINED

**Report for 10/19/2020 8:30:00 AM to Midnight**

Vehicles	Peak Periods			
	AM		PM	
337	Time	11:00	Time	03:15
	Count	33	Count	38
	PHF	0.688	PHF	0.679

**CLASS STATISTICS - Modified Scheme F**

Class	Bikes	Cars & Trailers	2 Axle Long	Buses	2 Axle 6 Tire	3 Axle Single	4 Axle Single	<5 Axl Double	5 Axle Double	>6 Axl Double	<6 Axl Multi	6 Axle Multi	>6 Axl Multi	No Class
Count	2	183	107	1	30	2	0	10	0	0	0	0	0	2
Percent	0.6	54.3	31.8	0.3	8.9	0.6	0.0	3.0	0.0	0.0	0.0	0.0	0.0	0.6

**SPEED STATISTICS - 15 to 70+ by 5 MPH**

Speed in MPH	1 - 15	16 - 20	21 - 25	26 - 30	31 - 35	36 - 40	41 - 45	46 - 50	51 - 55	56 - 60	61 - 65	66 - 70	71 - 75	76 - 999
Count	4	3	6	20	57	72	88	55	22	8	2	0	0	0
Percent	1.2	0.9	1.8	5.9	16.9	21.4	26.1	16.3	6.5	2.4	0.6	0.0	0.0	0.0
Over Speed	15	20	25	30	35	40	45	50	55	60	65	70	75	999
Count	333	330	324	304	247	175	87	32	10	2	0	0	0	0
Percent	98.8	97.9	96.1	90.2	73.3	51.9	25.8	9.5	3.0	0.6	0.0	0.0	0.0	0.0
Percentile	5%	10%	15%	45%	50%	55%	85%	90%	95%					
Speed	26	31	33	40	41	42	49	50	53					

Average 40  
(Mean)

Pace Speed 36-45  
Number in 160  
Pace  
Percent in 47.5  
Pace

**MIAMI COUNTY ROAD and BRIDGE**

23765 W 327th Sreet  
Paola, Kansas 66071  
913-294-4377

Page 2  
347 Street  
East of Osawatomie City Limits  
Station ID: 79

COMBINED

Speed	Volum
7	1
8	0
9	1
10	1
11	0
12	0
13	0
14	0
15	1
16	0
17	1
18	0
19	1
20	1
21	0
22	1
23	1
24	2
25	2
26	4
27	4
28	5
29	5
30	2
31	9
32	4
33	16
34	14
35	14
36	17
37	8
38	14
39	17
40	16
41	18
42	18
43	22
44	13
45	17
46	16
47	8
48	10
49	11
50	10
51	7
52	5
53	4
54	2
55	4
56	1
57	1
58	2
59	1
60	3
61	1
62	1

**MIAMI COUNTY ROAD and BRIDGE**

23765 W 327th Sreet  
Paola, Kansas 66071  
913-294-4377

COMBINED

**Report for Tuesday, October 20, 2020**

Vehicles	Peak Periods			
	AM		PM	
417	Time	07:30	Time	03:15
	Count	33	Count	40
	PHF	0.750	PHF	0.909

**CLASS STATISTICS - Modified Scheme F**

Class	Bikes	Cars & Trailers	2 Axle Long	Buses	2 Axle 6 Tire	3 Axle Single	4 Axle Single	<5 Axl Double	5 Axle Double	>6 Axl Double	<6 Axl Multi	6 Axle Multi	>6 Axl Multi	No Class
Count	1	239	132	2	34	1	0	8	0	0	0	0	0	0
Percent	0.2	57.3	31.7	0.5	8.2	0.2	0.0	1.9	0.0	0.0	0.0	0.0	0.0	0.0

**SPEED STATISTICS - 15 to 70+ by 5 MPH**

Speed in MPH	1 - 15	16 - 20	21 - 25	26 - 30	31 - 35	36 - 40	41 - 45	46 - 50	51 - 55	56 - 60	61 - 65	66 - 70	71 - 75	76 - 999
Count	0	2	6	16	54	92	120	78	36	11	2	0	0	0
Percent	0.0	0.5	1.4	3.8	12.9	22.1	28.8	18.7	8.6	2.6	0.5	0.0	0.0	0.0
Over Speed	15	20	25	30	35	40	45	50	55	60	65	70	75	999
Count	417	415	409	393	339	247	127	49	13	2	0	0	0	0
Percent	100.0	99.5	98.1	94.2	81.3	59.2	30.5	11.8	3.1	0.5	0.0	0.0	0.0	0.0
Percentile	5%	10%	15%	45%	50%	55%	85%	90%	95%					
Speed	29	32	34	41	42	43	49	51	54					

Average 42  
(Mean)

Pace Speed 38-47  
Number in 219  
Pace  
Percent in 52.5  
Pace

**MIAMI COUNTY ROAD and BRIDGE**

23765 W 327th Sreet  
Paola, Kansas 66071  
913-294-4377

Page 4  
347 Street  
East of Osawatomie City Limits  
Station ID: 79

COMBINED

Speed	Volum
17	1
18	0
19	1
20	0
21	1
22	1
23	1
24	2
25	1
26	2
27	1
28	3
29	8
30	2
31	12
32	10
33	6
34	18
35	8
36	13
37	15
38	23
39	22
40	19
41	21
42	17
43	25
44	32
45	25
46	16
47	19
48	17
49	20
50	6
51	10
52	10
53	6
54	7
55	3
56	2
57	4
58	1
59	2
60	2
61	0
62	0
63	2

**MIAMI COUNTY ROAD and BRIDGE**

23765 W 327th Sreet  
Paola, Kansas 66071  
913-294-4377

Page 5  
347 Street  
East of Osawatomie City Limits  
Station ID: 79

COMBINED

**Report for Wednesday, October 21, 2020**

Vehicles	Peak Periods			
	AM		PM	
454	Time	07:00	Time	04:00
	Count	31	Count	49
	PHF	0.775	PHF	0.721

**CLASS STATISTICS - Modified Scheme F**

Class	Bikes	Cars & Trailers	2 Axle Long	Buses	2 Axle 6 Tire	3 Axle Single	4 Axle Single	<5 Axl Double	5 Axle Double	>6 Axl Double	<6 Axl Multi	6 Axle Multi	>6 Axl Multi	No Class
Count	1	224	160	1	53	2	0	6	7	0	0	0	0	0
Percent	0.2	49.3	35.2	0.2	11.7	0.4	0.0	1.3	1.5	0.0	0.0	0.0	0.0	0.0

**SPEED STATISTICS - 15 to 70+ by 5 MPH**

Speed in MPH	1 - 15	16 - 20	21 - 25	26 - 30	31 - 35	36 - 40	41 - 45	46 - 50	51 - 55	56 - 60	61 - 65	66 - 70	71 - 75	76 - 999
Count	0	2	2	16	59	102	134	78	48	8	3	1	1	0
Percent	0.0	0.4	0.4	3.5	13.0	22.5	29.5	17.2	10.6	1.8	0.7	0.2	0.2	0.0
Over Speed	15	20	25	30	35	40	45	50	55	60	65	70	75	999
Count	454	452	450	434	375	273	139	61	13	5	2	1	0	0
Percent	100.0	99.6	99.1	95.6	82.6	60.1	30.6	13.4	2.9	1.1	0.4	0.2	0.0	0.0
Percentile Speed	5%	10%	15%	45%	50%	55%	85%	90%	95%					
	31	33	35	41	42	43	50	51	54					

Average 42  
(Mean)

Pace Speed 38-47  
Number in 244  
Pace  
Percent in 53.7  
Pace

**MIAMI COUNTY ROAD and BRIDGE**

23765 W 327th Sreet  
Paola, Kansas 66071  
913-294-4377

Page 6  
347 Street  
East of Osawatomie City Limits  
Station ID: 79

COMBINED

Speed	Volum e
19	1
20	1
21	0
22	0
23	1
24	0
25	1
26	2
27	4
28	2
29	2
30	6
31	7
32	11
33	11
34	16
35	14
36	13
37	17
38	17
39	24
40	31
41	27
42	24
43	30
44	24
45	29
46	15
47	23
48	13
49	19
50	8
51	16
52	9
53	11
54	5
55	7
56	3
57	2
58	0
59	3
60	0
61	2
62	1
63	0
64	0
65	0
66	0
67	1
68	0
69	0
70	0
71	0
72	0
73	1

COMBINED  
**Report for Thursday, October 22, 2020**

Vehicles	Peak Periods			
	AM	PM		
467	Time	07:30	Time	03:30
	Count	37	Count	53
	PHF	0.925	PHF	0.828

**CLASS STATISTICS - Modified Scheme F**

Class	Bikes	Cars & Trailers	2 Axle Long	Buses	2 Axle 6 Tire	3 Axle Single	4 Axle Single	<5 Axl Double	5 Axle Double	>6 Axl Double	<6 Axl Multi	6 Axle Multi	>6 Axl Multi	No Class
Count	3	227	166	2	53	0	0	16	0	0	0	0	0	0
Percent	0.6	48.6	35.5	0.4	11.3	0.0	0.0	3.4	0.0	0.0	0.0	0.0	0.0	0.0

**SPEED STATISTICS - 15 to 70+ by 5 MPH**

Speed in MPH	1 - 15	16 - 20	21 - 25	26 - 30	31 - 35	36 - 40	41 - 45	46 - 50	51 - 55	56 - 60	61 - 65	66 - 70	71 - 75	76 - 999
Count	1	0	5	11	56	116	123	93	40	18	3	1	0	0
Percent	0.2	0.0	1.1	2.4	12.0	24.8	26.3	19.9	8.6	3.9	0.6	0.2	0.0	0.0
Over Speed	15	20	25	30	35	40	45	50	55	60	65	70	75	999
Count	466	466	461	450	394	278	155	62	22	4	1	0	0	0
Percent	99.8	99.8	98.7	96.4	84.4	59.5	33.2	13.3	4.7	0.9	0.2	0.0	0.0	0.0
Percentile	5%	10%	15%	45%	50%	55%	85%	90%	95%					
Speed	31	34	35	41	42	43	50	52	55					

Average 42  
 (Mean)

Pace Speed 38-47  
 Number in 248  
 Pace  
 Percent in 53.1  
 Pace

**MIAMI COUNTY ROAD and BRIDGE**

23765 W 327th Sreet  
Paola, Kansas 66071  
913-294-4377

Page 8  
347 Street  
East of Osawatomie City Limits  
Station ID: 79

COMBINED

Speed	Volum e
12	1
13	0
14	0
15	0
16	0
17	0
18	0
19	0
20	0
21	0
22	0
23	1
24	3
25	1
26	1
27	1
28	1
29	4
30	4
31	6
32	8
33	11
34	11
35	20
36	23
37	21
38	21
39	30
40	21
41	31
42	29
43	19
44	24
45	20
46	29
47	24
48	10
49	17
50	13
51	12
52	6
53	10
54	8
55	4
56	2
57	5
58	5
59	5
60	1
61	1
62	2
63	0
64	0
65	0
66	1

**MIAMI COUNTY ROAD and BRIDGE**

23765 W 327th Sreet  
Paola, Kansas 66071  
913-294-4377

COMBINED

**Report for Friday, October 23, 2020**

Vehicles	Peak Periods			
	AM		PM	
412	Time	09:15	Time	03:30
	Count	34	Count	37
	PHF	0.773	PHF	0.841

**CLASS STATISTICS - Modified Scheme F**

Class	Bikes	Cars & Trailers	2 Axle Long	Buses	2 Axle 6 Tire	3 Axle Single	4 Axle Single	<5 Axl Double	5 Axle Double	>6 Axl Double	<6 Axl Multi	6 Axle Multi	>6 Axl Multi	No Class
Count	3	205	134	4	60	2	1	3	0	0	0	0	0	0
Percent	0.7	49.8	32.5	1.0	14.6	0.5	0.2	0.7	0.0	0.0	0.0	0.0	0.0	0.0

**SPEED STATISTICS - 15 to 70+ by 5 MPH**

Speed in MPH	1 - 15	16 - 20	21 - 25	26 - 30	31 - 35	36 - 40	41 - 45	46 - 50	51 - 55	56 - 60	61 - 65	66 - 70	71 - 75	76 - 999
Count	0	4	3	11	52	94	120	74	35	16	2	0	1	0
Percent	0.0	1.0	0.7	2.7	12.6	22.8	29.1	18.0	8.5	3.9	0.5	0.0	0.2	0.0
Over Speed	15	20	25	30	35	40	45	50	55	60	65	70	75	999
Count	412	408	405	394	342	248	128	54	19	3	1	1	0	0
Percent	100.0	99.0	98.3	95.6	83.0	60.2	31.1	13.1	4.6	0.7	0.2	0.2	0.0	0.0
Percentile Speed	5%	10%	15%	45%	50%	55%	85%	90%	95%					
	31	33	35	41	42	43	50	52	55					

Average 42  
(Mean)

Pace Speed 38-47  
Number in 220  
Pace  
Percent in 53.4  
Pace

**MIAMI COUNTY ROAD and BRIDGE**

23765 W 327th Sreet  
Paola, Kansas 66071  
913-294-4377

Page 10  
347 Street  
East of Osawatomie City Limits  
Station ID: 79

COMBINED

Speed	Volum
18	1
19	1
20	2
21	0
22	0
23	0
24	2
25	1
26	1
27	1
28	3
29	3
30	3
31	4
32	8
33	13
34	15
35	12
36	18
37	18
38	14
39	21
40	23
41	23
42	27
43	20
44	24
45	26
46	18
47	24
48	11
49	11
50	10
51	9
52	13
53	5
54	4
55	4
56	4
57	3
58	4
59	1
60	4
61	0
62	1
63	0
64	0
65	1
66	0
67	0
68	0
69	0
70	0
71	0
72	0
73	0
74	1

**MIAMI COUNTY ROAD and BRIDGE**

23765 W 327th Sreet  
Paola, Kansas 66071  
913-294-4377

Page 11  
347 Street  
East of Osawatomie City Limits  
Station ID: 79

COMBINED

**Report for Saturday, October 24, 2020**

Vehicles	Peak Periods			
	AM		PM	
439	Time	10:30	Time	01:15
	Count	41	Count	45
	PHF	0.603	PHF	0.592

**CLASS STATISTICS - Modified Scheme F**

Class	Bikes	Cars & Trailers	2 Axle Long	Buses	2 Axle 6 Tire	3 Axle Single	4 Axle Single	<5 Axl Double	5 Axle Double	>6 Axl Double	<6 Axl Multi	6 Axle Multi	>6 Axl Multi	No Class
Count	7	196	144	1	74	3	1	13	0	0	0	0	0	0
Percent	1.6	44.6	32.8	0.2	16.9	0.7	0.2	3.0	0.0	0.0	0.0	0.0	0.0	0.0

**SPEED STATISTICS - 15 to 70+ by 5 MPH**

Speed in MPH	1 - 15	16 - 20	21 - 25	26 - 30	31 - 35	36 - 40	41 - 45	46 - 50	51 - 55	56 - 60	61 - 65	66 - 70	71 - 75	76 - 999
Count	0	2	3	9	40	86	87	117	59	28	6	1	0	1
Percent	0.0	0.5	0.7	2.1	9.1	19.6	19.8	26.7	13.4	6.4	1.4	0.2	0.0	0.2
Over Speed	15	20	25	30	35	40	45	50	55	60	65	70	75	999
Count	439	437	434	425	385	299	212	95	36	8	2	1	1	0
Percent	100.0	99.5	98.9	96.8	87.7	68.1	48.3	21.6	8.2	1.8	0.5	0.2	0.2	0.0
Percentile	5%	10%	15%	45%	50%	55%	85%	90%	95%					
Speed	32	35	36	44	45	46	53	54	58					

Average 45  
(Mean)

Pace Speed 42-51  
Number in 208  
Pace  
Percent in 47.4  
Pace

**MIAMI COUNTY ROAD and BRIDGE**

23765 W 327th Sreet  
Paola, Kansas 66071  
913-294-4377

Page 12  
347 Street  
East of Osawatomie City Limits  
Station ID: 79

COMBINED

Speed	Volum
20	2
21	1
22	1
23	0
24	1
25	0
26	2
27	1
28	1
29	4
30	1
31	5
32	3
33	8
34	11
35	13
36	14
37	20
38	20
39	16
40	16
41	11
42	21
43	14
44	25
45	16
46	33
47	23
48	22
49	18
50	21
51	15
52	12
53	19
54	6
55	7
56	10
57	3
58	5
59	7
60	3
61	2
62	2
63	1
64	1
65	0
66	0
67	1
68	0
69	0
70	0
71	0
72	0
73	0
74	0
75	0
76	0
77	0

**MIAMI COUNTY ROAD and BRIDGE**

23765 W 327th Sreet  
Paola, Kansas 66071  
913-294-4377

COMBINED

**Report for Sunday, October 25, 2020**

Vehicles	Peak Periods			
	AM		PM	
279	Time	10:15	Time	12:00
	Count	22	Count	28
	PHF	0.917	PHF	0.875

**CLASS STATISTICS - Modified Scheme F**

Class	Bikes	Cars & Trailers	2 Axle Long	Buses	2 Axle 6 Tire	3 Axle Single	4 Axle Single	<5 Axl Double	5 Axle Double	>6 Axl Double	<6 Axl Multi	6 Axle Multi	>6 Axl Multi	No Class
Count	7	117	88	0	62	3	0	2	0	0	0	0	0	0
Percent	2.5	41.9	31.5	0.0	22.2	1.1	0.0	0.7	0.0	0.0	0.0	0.0	0.0	0.0

**SPEED STATISTICS - 15 to 70+ by 5 MPH**

Speed in MPH	1 - 15	16 - 20	21 - 25	26 - 30	31 - 35	36 - 40	41 - 45	46 - 50	51 - 55	56 - 60	61 - 65	66 - 70	71 - 75	76 - 999
Count	3	2	5	7	21	59	68	64	29	16	4	1	0	0
Percent	1.1	0.7	1.8	2.5	7.5	21.1	24.4	22.9	10.4	5.7	1.4	0.4	0.0	0.0
Over Speed	15	20	25	30	35	40	45	50	55	60	65	70	75	999
Count	276	274	269	262	241	182	114	50	21	5	1	0	0	0
Percent	98.9	98.2	96.4	93.9	86.4	65.2	40.9	17.9	7.5	1.8	0.4	0.0	0.0	0.0
Percentile Speed	5%	10%	15%	45%	50%	55%	85%	90%	95%					
	28	33	36	42	43	44	51	54	58					

Average 43  
(Mean)

Pace Speed 38-47  
Number in 135  
Pace  
Percent in 48.4  
Pace

**MIAMI COUNTY ROAD and BRIDGE**

23765 W 327th Sreet  
Paola, Kansas 66071  
913-294-4377

Page 14  
347 Street  
East of Osawatomie City Limits  
Station ID: 79

COMBINED

Speed	Volum	e
12	1	
13	0	
14	2	
15	0	
16	2	
17	0	
18	0	
19	0	
20	0	
21	1	
22	3	
23	1	
24	0	
25	0	
26	2	
27	1	
28	1	
29	2	
30	1	
31	5	
32	1	
33	8	
34	3	
35	4	
36	7	
37	12	
38	14	
39	12	
40	14	
41	17	
42	17	
43	11	
44	11	
45	12	
46	12	
47	15	
48	11	
49	10	
50	16	
51	12	
52	6	
53	3	
54	4	
55	4	
56	4	
57	2	
58	1	
59	6	
60	3	
61	3	
62	0	
63	1	
64	0	
65	0	
66	1	

**MIAMI COUNTY ROAD and BRIDGE**

23765 W 327th Street  
Paola, Kansas 66071  
913-294-4377

COMBINED

**Report for Monday, October 26, 2020, Midnight to 08:00 AM**

Vehicles	Peak Periods	
	AM	PM
42	Time 07:00	Time -
	Count 28	Count -
	PHF 0.583	PHF -

**CLASS STATISTICS - Modified Scheme F**

Class	Bikes	Cars & Trailers	2 Axle Long	Buses	2 Axle 6 Tire	3 Axle Single	4 Axle Single	<5 Axl Double	5 Axle Double	>6 Axl Double	<6 Axl Multi	6 Axle Multi	>6 Axl Multi	No Class
Count	0	14	17	0	8	2	0	0	0	0	0	0	0	1
Percent	0.0	33.3	40.5	0.0	19.0	4.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.4

**SPEED STATISTICS - 15 to 70+ by 5 MPH**

Speed in MPH	1 - 15	16 - 20	21 - 25	26 - 30	31 - 35	36 - 40	41 - 45	46 - 50	51 - 55	56 - 60	61 - 65	66 - 70	71 - 75	76 - 999
Count	1	0	1	0	10	15	7	6	2	0	0	0	0	0
Percent	2.4	0.0	2.4	0.0	23.8	35.7	16.7	14.3	4.8	0.0	0.0	0.0	0.0	0.0
Over Speed	15	20	25	30	35	40	45	50	55	60	65	70	75	999
Count	41	41	40	40	30	15	8	2	0	0	0	0	0	0
Percent	97.6	97.6	95.2	95.2	71.4	35.7	19.0	4.8	0.0	0.0	0.0	0.0	0.0	0.0
Percentile	5%	10%	15%	45%	50%	55%	85%	90%	95%					
Speed	25	33	34	38	39	40	46	47	49					

Average 39  
(Mean)

Pace Speed 34-43  
Number in 30  
Pace  
Percent in 71.4  
Pace

**MIAMI COUNTY ROAD and BRIDGE**

23765 W 327th Sreet  
Paola, Kansas 66071  
913-294-4377

Page 16  
347 Street  
East of Osawatomie City Limits  
Station ID: 79

COMBINED

Speed	Volum e	
6	1	
7	0	
8	0	
9	0	
10	0	
11	0	
12	0	
13	0	
14	0	
15	0	
16	0	
17	0	
18	0	
19	0	
20	0	
21	0	
22	0	
23	0	
24	0	
25	1	
26	0	
27	0	
28	0	
29	0	
30	0	
31	1	
32	0	
33	1	
34	4	
35	4	
36	2	
37	1	
38	5	
39	2	
40	5	
41	0	
42	4	
43	3	
44	0	
45	0	
46	3	
47	2	
48	0	
49	1	
50	0	
51	1	
52	0	
53	0	
54	0	
55	1	

**MIAMI COUNTY ROAD and BRIDGE**

23765 W 327th Sreet  
Paola, Kansas 66071  
913-294-4377

Page 17  
347 Street  
East of Osawatomie City Limits  
Station ID: 79

COMBINED

Report for 10/19/2020 8:30:00 AM to 10/26/2020 8:00:00 AM

**CLASS STATISTICS - Modified Scheme F**

Class	Bikes	Cars & Trailers	2 Axle Long	Buses	2 Axle 6 Tire	3 Axle Single	4 Axle Single	<5 Axl Double	5 Axle Double	>6 Axl Double	<6 Axl Multi	6 Axle Multi	>6 Axl Multi	No Class
Count	24	1405	948	11	374	15	2	58	7	0	0	0	0	3
Percent	0.8	49.4	33.3	0.4	13.1	0.5	0.1	2.0	0.2	0.0	0.0	0.0	0.0	0.1

**SPEED STATISTICS - 15 to 70+ by 5 MPH**

Speed in MPH	1 - 15	16 - 20	21 - 25	26 - 30	31 - 35	36 - 40	41 - 45	46 - 50	51 - 55	56 - 60	61 - 65	66 - 70	71 - 75	76 - 999
Count	9	15	31	90	349	636	747	565	271	105	22	4	2	1
Percent	0.3	0.5	1.1	3.2	12.3	22.3	26.2	19.8	9.5	3.7	0.8	0.1	0.1	0.0
Over Speed	15	20	25	30	35	40	45	50	55	60	65	70	75	999
Count	2838	2823	2792	2702	2353	1717	970	405	134	29	7	3	1	0
Percent	99.7	99.2	98.1	94.9	82.6	60.3	34.1	14.2	4.7	1.0	0.2	0.1	0.0	0.0
Percentile	5%	10%	15%	45%	50%	55%	85%	90%	95%					
Speed	30	33	35	42	42	43	50	52	55					

Average 42  
(Mean)

Pace Speed 38-47  
Number in 1444  
Pace  
Percent in 50.7  
Pace

**MIAMI COUNTY ROAD and BRIDGE**

23765 W 327th Sreet  
Paola, Kansas 66071  
913-294-4377

Page 18  
347 Street  
East of Osawatomie City Limits  
Station ID: 79

COMBINED

Speed	Volum
6	1
7	1
8	0
9	1
10	1
11	0
12	2
13	0
14	2
15	1
16	2
17	2
18	1
19	4
20	6
21	3
22	6
23	5
24	10
25	7
26	14
27	13
28	16
29	28
30	19
31	49
32	45
33	74
34	92
35	89
36	107
37	112
38	128
39	144
40	145
41	148
42	157
43	144
44	153
45	145
46	142
47	138
48	94
49	107
50	84
51	82
52	61
53	58
54	36
55	34
56	26
57	20
58	18
59	25
60	16
61	9
62	7

82	0
83	0
84	1