

May 6, 2015

Mr. David Corliss
City Manager
P. O. Box 708
Lawrence, Kansas 66044-2263

Re: FY 2015 Request for Reimbursement for the K-10 Connector Service - \$120,000 and
FY 2016 – 2017 Budget Requests - \$200,000 and \$327,800

Dear Dave:

This letter is a follow-up to our conversation last year regarding the FY 2015 reimbursement for the K-10 Connector and our funding request for FY 2016. We appreciate the City's commitment on helping fund this very valuable commuter service between our communities.

The funding agreement we discussed and approved in concept with staff last April was a three year phased in funding strategy for the K-10 Connector bus route as noted below:

| | |
|------------------|---|
| FY 14 | \$120,000 |
| FY 15 | \$200,000 and |
| FY 16 and beyond | \$327,800 unless there is a substantial change in service or operating costs. |

However, since your council did not approve the requested \$200,000, I have attached an invoice for FY 2015 in the amount of \$120,000 for approval and payment.

The revised FY 2016 funding request is in the amount of \$200,000 and the FY 2017 request is \$327,800 as previously discussed and supports the operating cost of the K-10 Connector service that provides valuable service and commuting options for commuters and students. Connecting the KU campuses and JCCC allows JCT to tap into an existing commuter market of both student and faculty populations. The K-10 Connector is a commuter express service – only boarding and deboarding passengers at five specified stops. The service has reduced congestion and provided mobility options for people within the corridor.

JOHNSON COUNTY
KANSAS
County Manager's Office

111 S. Cherry Street, Suite 3300
Olathe, Kansas 66061

Thank you in advance for your consideration on this funding request. If you have any additional questions, please feel free to contact me or Alice M. Amrein, Transit Administrator.

Sincerely,



Penny Post oak Ferguson
Deputy County Manager
Johnson County Government

Enclosure

CC: Diane Stoddard, Assistant City Manager
Hannes Zacharias, County Manager
Alice M. Amrein, Transit Administrator
K-10 Connector File

F:\Transit\K-10 Corridor\FY 2015-16 City of Lawrence Request for Additional Resources for K-10 Connector.doc

913-715-0725 office
800-766-3777 TDD
913-715-0727 fax

jocogov.org
f/jocogov
@jocogov

JOHNSON COUNTY GOVERNMENT

Johnson County Transit
Accounts Receivable

INVOICE

City of Lawrence
P.O. Box 798
Lawrence, Kansas 66044

| | |
|--------------|-----------|
| Invoice # | 1 |
| Invoice Date | 1-May-15 |
| Due Date | 31-May-15 |

| Date | Description | Quantity | Unit Price | Amount |
|----------|---|----------|------------|----------------------------------|
| 1-May-15 | K-10 Connector Funding for Johnson County | | | \$120,000.00 |
| | | | | Total: \$120,000.00 |
| | | | | Payments: \$0.00 |
| | | | | Balance Due: \$120,000.00 |

-----Please return the portion below with your payment.-----

REMITTANCE

Make remittance payable to **JOHNSON COUNTY TRANSIT**

| | | | |
|---------------|------------------|-----------------|--------------|
| Date Due | 31-May-15 | Invoice # | 1 |
| Customer Name | City of Lawrence | Amount Due | \$120,000.00 |
| | | Amount Enclosed | \$ |

Remit To:
Johnson County Transit
1701 W 56 Highway
Olathe, Kansas 66061

PHONE (913)-782-2210
FAX (913)-715-2475

K-10 Connector Service



The K-10 Connector service, one of fifteen routes operated by Johnson County Transit, a Department of Johnson County government, was developed following a recommendation from the Kansas Department of Transportation's (KDOT) *K-10 Transportation Study*, completed in May 2005. Seven recommended findings resulted from the K-10 Study. Recommendation Number Five read:

- **Transit: It is recommended that a fixed-route bus service, with the potential for route deviations, be implemented along K-10. An operating plan should be developed (by the transit operator(s)) for service to generally operate between the K-10/I-435 industrial area and the University of Kansas (KU)/Downtown Lawrence, with additional fixed stops at key intervening residential/employment centers. The study estimated that the potential for daily transit ridership in this corridor could range from 350 to 500 patrons. Potential riders would include commuters living in Douglas County traveling to/from employment in Johnson County, commuters living in Johnson County traveling to/from employment in Douglas County, students living in Johnson County traveling to/from KU, and students living in Douglas County traveling to Johnson County Community College.**

As a result of the study recommendation, a K-10 Transit Task Force was formed to review options for transit service on K-10. The Task Force included representation from JCT, Johnson County Planning, The T (City of Lawrence Public Transit agency), KDOT, and the University of Kansas (KU) Transportation Center, KU Transit System, The KU-Edwards Campus, Johnson County Community College, the Mid America Regional Council and several KU students.

The Task Force met on a monthly basis to work through service options, operating parameters, service operator, type of service and primary market. After much discussion, it was determined that initial plans for transit service on the K-10 corridor would focus on service between the two University of Kansas campuses and Johnson County Community College. Providing a connection between these three destinations would access an existing commuter market of both student and faculty populations.

The K-10 Connector began service on January 17, 2007, in time for the spring semester at both KU campuses and the Johnson County Community College. Day one ridership was 114. Day two was 141. The Transit section of the K-10 Study projected a high of 502 trips daily on a fixed route transit service connecting Lawrence and Overland Park.

The route operates Monday through Thursday from 6:30 a.m. to 10:30 p.m. and Friday from 6:30 a.m. to 6:30 p.m.

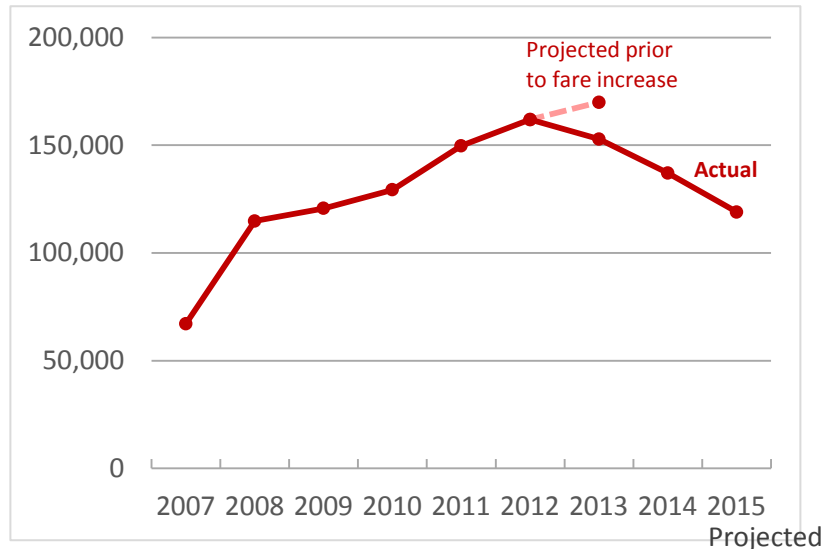
As of January 2013, cash fare is \$3.50 per one-way trip; 10-ride pass is \$31.50; a monthly pass is \$117.60.

- Originally, there were nine eastbound and nine westbound trips Monday through Thursday.
- Today there are 45 one-way trips Monday through Thursday (Friday has four fewer trips).
- Eleven different vehicles, a combination of 40' and 55' coaches, are utilized to complete the scheduled trips each weekday.
- Limited stops, express service, affiliated originations/destinations make the K-10 Connector service extremely appealing.
- While a large daily ridership on the K-10 Connector is associated with student populations, a growing percentage of daily trips are commuters not related to either campus.

- An emergency funding request to the Johnson County Board of Commissioners to purchase used vehicles to handle increased ridership on full routes was approved in 2008. The vehicles delivered included three over-the-road coaches capable of seating 55 riders. Those vehicles are used exclusively on the K-10 Connector.
- Three new over-the-road coaches (2012, 2013 and 2014) are now in exclusive use on the K-10 Connector. Two of the used vehicles purchased in 2009 have been retired.
- JCT staff continues to promote the option of bus-on-shoulder operation on K-10.
- Vehicle Miles Travelled (VMT) actually dropped for K-10 in 2010.
- To date, the University of Kansas, KU-Edwards, Johnson County Community College and Douglas County have not provided any financial support for the route.
- The City of Lawrence provided \$120,000 in FY 2014 and \$120,000 in FY 2015

Ridership Statistics

| | |
|---------------------|---------|
| FY 2007 | 67,072 |
| FY 2008 | 114,808 |
| FY 2009 | 120,706 |
| FY 2010 | 129,305 |
| FY 2011 | 149,751 |
| FY 2012 | 161,927 |
| FY 2013 | 152,833 |
| FY 2014 | 137,074 |
| FY 2015 (projected) | 118,999 |



Ridership by County of Residence

Rider survey data from FY 2011 and FY 2012 indicate that approximately 58 percent of **K-10 Connector** passengers are Douglas County residents, 36 percent are Johnson County residents, and 6 percent are residents of another county.

Capital Expenditures

| | |
|---------|---|
| FY 2007 | \$969,653 (four 40' low-floor Gillig coaches) |
| FY 2009 | \$695,000 (three used over the road 55' Van Hool coaches) |
| FY 2012 | \$541,315 (one new over the road 55' 2012 MCI coach) |
| FY 2013 | \$561,007 (one new over the road 55' 2014 MCI coach) |
| FY 2014 | \$599,829 (one new over the road 55' 2015 MCI coach) |

The JO 710

K-10 Connector

Overland Park - Lawrence

Express service between Overland Park and Lawrence, connecting Park & Ride lots to KU-Lawrence, KU-Edwards, and JCCC.

Regular Schedule:

Daily Trips: 45

Daily Hours: 59.29

Daily Ridership: 650

**Note: Statistics are for Monday-Thursday. Fridays have less service and less ridership. Data from Apr 2015*

Break Schedule:

Daily Trips: 14

Daily Hours: 20.51

Daily Ridership: 77

**Note: Operates when JCCC and KU are both not in session. Statistics are for Jan 5-16, 2015.*

Summer Schedule:

Daily Trips: 28

Daily Hours: 38.40

Daily Ridership: 292

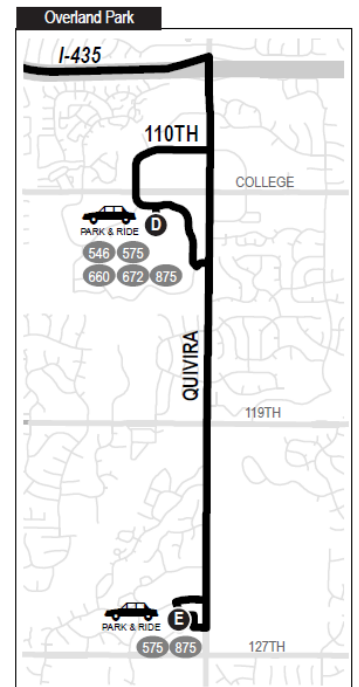
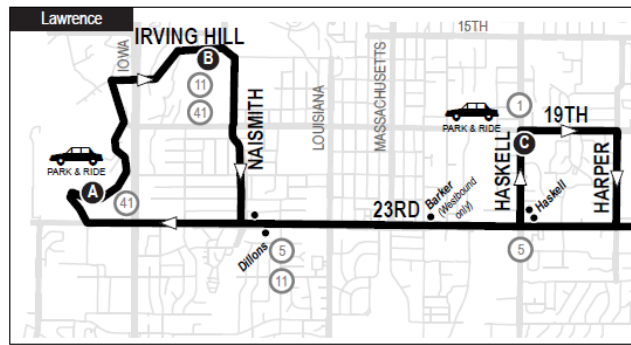
**Note: Data based on July 2014*

The K-10 Connector began operation in 2007 and ridership has increased each year until 2013, becoming JCT's most popular route. A survey in 2011 found that about 60% of K-10 Connector riders are Douglas County residents. Due to limited stops and the difficulty of parking at JCCC and KU, travel time is comparable to that of a private automobile.

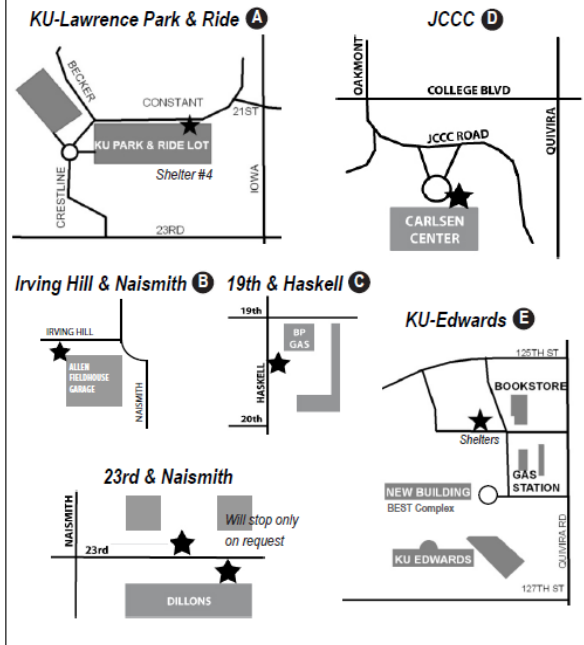
Primary destinations include:

- Johnson County Community College
- University of Kansas-Edwards
- University of Kansas-Lawrence

710 Route Map



Bus Stop Details



Stop Details:

- A** KU Park & Ride - Pick up at Shelter #4 in East Lot
- B** Irving Hill & Naismith - Pick up in front of Allen Fieldhouse Garage.
- C** 19th & Haskell Park & Ride - picks up South of the gas station heading North.
- D** JCCC - pick up in front of the Carlsen Center - bus will sometimes need to park in the outer edge of circle.
- E** KU Edwards - park & pickup to the west of the bookstore at the shelter.

In Lawrence - bus will stop (not pick up) on request at bus shelters along 23rd St.

Connections to other routes:

- ### The JO routes
- ## Lawrence Transit routes

Actual FY 2014 Operating Expenses

| | |
|---------------------------|-------------------------|
| Ridership: | 137,074 |
| Operating Costs: | \$607,598 |
| Fuel: | \$253,117 |
| Total: | \$860,715* |
| Passenger Revenue: | \$360,538* (42%) |
| Net Cost: | \$500,177 |

**These figures do not include administrative expenses or vehicle depreciation. (\$575,000)*



Commuter Express



710 K-10 Connector

Monday - Friday

K-10 Connector - Weekday Eastbound

| | <i>KU-Lawrence</i> A | <i>Irving Hill & Naismith</i> B | <i>19th & Haskell</i> C | <i>JCCC</i> D | <i>KU-Edwards</i> E | Schedule |
|-------|--------------------------------|---|---------------------------------------|-------------------------|-------------------------------|----------|
| AM | 6:00 | 6:06 | 6:20 | 7:00 | 7:10 | R S B |
| | 6:30 | 6:36 | 6:50 | 7:30 | 7:40 | R |
| | 7:00 | 7:06 | 7:20 | 8:00 | 8:10 | R S B |
| | 7:30 | 7:36 | 7:50 | 8:30 | 8:40 | R |
| | 8:00 | 8:06 | 8:20 | 9:00 | 9:10 | R S B |
| | 8:30 | 8:36 | 8:50 | 9:30 | 9:40 | R |
| | 9:00 | 9:06 | 9:20 | 10:00 | 10:10 | R S |
| | 9:30 | 9:36 | 9:50 | 10:30 | 10:40 | R |
| | 10:30 | 10:36 | 10:50 | 11:30 | 11:40 | R S |
| | PM | 11:30 | 11:36 | 11:50 | 12:30 | 12:40 |
| 12:30 | | 12:36 | 12:50 | 1:30 | 1:40 | R S |
| 1:30 | | 1:36 | 1:50 | 2:30 | 2:40 | R S B |
| 2:30 | | 2:36 | 2:50 | 3:30 | 3:40 | R S |
| 3:30 | | 3:36 | 3:50 | 4:30 | 4:40 | R |
| 4:00 | | 4:06 | 4:20 | 5:00 | 5:10 | R S B |
| 4:30 | | 4:36 | 4:50 | 5:30 | 5:40 | R |
| 5:00 | | 5:06 | 5:20 | 6:00 | 6:10 | R S B |
| 5:30 | | 5:36 | 5:50 | 6:30 | 6:40 | R |
| 6:00 | | 6:06 | 6:20 | 7:00 | 7:10 | R S B |

K-10 Connector - Weekday Westbound

| | <i>JCCC</i> D | <i>KU-Edwards</i> E | <i>KU-Lawrence</i> A | <i>Irving Hill & Naismith</i> B | <i>19th & Haskell</i> C | Schedule |
|----|-------------------------|-------------------------------|--------------------------------|---|---------------------------------------|----------|
| AM | 6:00 | 6:10 | 7:00 | 7:06 | 7:20 | R S B |
| | 6:30 | 6:40 | 7:30 | 7:36 | 7:50 | R |
| | 7:00 | 7:10 | 8:00 | 8:06 | 8:20 | R S B |
| | 7:30 | 7:40 | 8:30 | 8:36 | 8:50 | R |
| | 8:00 | 8:10 | 9:00 | 9:06 | 9:20 | R S B |
| | 8:30 | 8:40 | 9:30 | 9:36 | 9:50 | R |
| | 9:00 | 9:10 | 10:00 | 10:06 | 10:20 | R S |
| | 9:30 | 9:40 | 10:30 | 10:36 | 10:50 | R |
| | 10:30 | 10:40 | 11:30 | 11:36 | 11:50 | R S |
| | 11:30 | 11:40 | 12:30 | 12:36 | 12:50 | R S |
| PM | 12:30 | 12:40 | 1:30 | 1:36 | 1:50 | R S B |
| | 1:30 | 1:40 | 2:30 | 2:36 | 2:50 | R S |
| | 2:30 | 2:40 | 3:30 | 3:36 | 3:50 | R S |
| | 3:00 | 3:10 | 4:00 | 4:06 | 4:20 | R |
| | 3:30 | 3:40 | 4:30 | 4:36 | 4:50 | R |
| | 4:00 | 4:10 | 5:00 | 5:06 | 5:20 | R S B |
| | 4:30 | 4:40 | 5:30 | 5:36 | 5:50 | R |
| | 5:00 | 5:10 | 6:00 | 6:06 | 6:20 | R S B |
| | 5:30 | 5:40 | 6:30 | 6:36 | 6:50 | R |
| | 6:00 | 6:10 | 7:00 | 7:06 | 7:20 | R S B |

Weeknight: Monday - Thursday ONLY

| | <i>19th & Haskell</i> C | <i>KU-Lawrence</i> A | <i>Irving Hill & Naismith</i> B | <i>JCCC</i> D | <i>KU-Edwards</i> E | Schedule |
|--|---------------------------------------|--------------------------------|---|-------------------------|-------------------------------|----------|
| | 8:05 | 8:15 | 8:21 | 9:10 | 9:20 | R S |
| | 9:05 | 9:15 | 9:21 | 10:10 | 10:20 | R |

Weeknight: Monday - Thursday ONLY

| | <i>JCCC</i> D | <i>KU-Edwards</i> E | <i>19th & Haskell</i> C | <i>KU-Lawrence</i> A | <i>Irving Hill & Naismith</i> B | Schedule |
|--|-------------------------|-------------------------------|---------------------------------------|--------------------------------|---|----------|
| | 7:10 | 7:20 | 8:05 | 8:15 | 8:21 | R S |
| | 8:10 | 8:20 | 9:05 | 9:15 | 9:21 | R |
| | 9:10 | 9:20 | 10:05 | 10:15 | 10:21 | R S |
| | 10:10 | 10:20 | 11:05 | 11:15 | 11:21 | R |

Regular (R): during Spring and Fall semesters R
 Summer (S): during the Summer term S
 Break (B): during school breaks and holidays B