

Metropolitan Transportation Plan (MTP) 2035 Project Application

Sponsor Information

Project Sponsor / Agency: *City of Andover*

Project Information

Project Location: 159th St. East Bridge over the Kansas Turnpike

To: +/-600' north

From: +/-600' east south

Project Description: Improve existing two lane farm to market bridge to accommodate urban three lanes curb and gutter, and 10 foot bicycle pedestrian sidewalk.

Project Purpose: Replace existing 50-yr. old farm to market bridge, increase capacity, reduce congestion and crashes, and provide a bicycle/pedestrian connection to the Andover bicycle/pedestrian path system.

Main Project Type: Bridge

Other Project Types Included: Yes

If yes to the previous question, what other project type are included?

Road:

Rail:

Bicycle / Pedestrian: **Yes**

Bridge:

Intersection:

Railroad Crossing:

Transit:

Interchange:

Travel Demand / System Management:

If project occurs on a roadway what is the facility type? *Minor Arterial*

Anticipated Year to Start Construction: 2010-2019

Is the project listed in any WAMPO or other regional plans? Yes

If yes, list the name of plan(s) and page number: TIP pg. D-413

Project Cost Information

Engineering Cost: \$840,000.00

Annual Operating and Maintenance Cost:

\$16,800.00

Right of Way Cost: \$300,000.00

Dedicated Funding:

Yes

Construction Cost: \$3,360,000.00

If yes, please provide source and amount:

Congressional Earmark - \$1,000,000

Total Project Cost: \$4,500,000.00

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Measures of Effectiveness Information

All projects types were asked to completed MOEs #1 - #4. MOE #5 is for Road and Bridge; MOE #6 is for Bike / Ped; and MOE #7 is for Travel Demand / Systems Manage

1) Does the project contribute to the overall improvement of the regional transportation system? Yes

If yes, please explain: 159th St. is the only through north-south street in Andover other than Andover Rd., and is routinely used by East Wichita residents for school trips to the two new schools on 159th St. north of 21st St.

2) Does the project have a positive effect on air quality? Yes

If yes, please explain: The improvements will minimize congestion at the intersection by providing dedicated two-way left turn lanes, which reduce conflicts with through traffic, and eliminate stopped traffic waiting for unprotected turns.

3) Does the project include facilities for, accommodate, or connect more than one mode of transportation? Yes

If yes, please explain: The improvements include a 10 foot bicycle pedestrian sidewalk that connects to the Andover bicycle pedestrian path system.

4) Does the project address or help address a safety concern? Yes

If yes, please explain: Dedicated two-way left turn lanes minimize left turn conflicts and reduce crashes.

5) Does the project address a regional issue that is addressed in a WAMPO plan? Yes

If yes, please explain: LRTP Goal 1. Transportation System Mobility and Access The improvements will increase the connectivity and capacity of the road system between Wichita and Western Butler County. LRTP Goal 3. Highways, Streets, and Roads The improvements optimize the existing road network by adding capacity to an existing route. LRTP Goal 5. Bicycle and Pedestrian Transportation The improvements include a bicycle/pedestrian sidewalk that connects to existing facilities, and promote bicycle and pedestrian safety.

6) Is the project on a route identified in the WAMPO Regional Pathway System Plan (RPSP) and identified as a priority missing link? Does the project connect existing pathways?

If yes, please explain:

7) Does the project address congestion and is identified in the WAMPO Congestion Management Process (CMP) and/or Intelligent Transportation Systems Regional Architecture (ITS-RA)?

If yes, please explain:

Additional Information

Additional Information: This project was awarded a congressional earmark in order match the bridge improvements to the road improvements already in the TIP.