

# Metropolitan Transportation Plan (MTP) 2035 Project Application

## Sponsor Information

Project Sponsor / Agency: *City of Andover*

## Project Information

Project Location: Andover Rd. and SW130th St. Intersection

To: +/-600' north and south

From: +/-600' east and west

Project Description: Improve existing two lane ditch section intersection to four lanes curb and gutter with medians, dedicated access control turn lanes, traffic signals, and 10 foot bicycle pedestrian sidewalk. Add left turn lanes to the existing Andover Rd. and SW130th St. intersection.

Project Purpose: Increase capacity, reduce congestion and crashes, and provide a bicycle/pedestrian connection to the Andover bicycle/pedestrian path system.

Main Project Type: Road

Other Project Types Included: Yes

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

Road:

Rail:

Bicycle / Pedestrian: Yes

Bridge:

Intersection: Yes

Railroad Crossing:

Transit:

Interchange:

Travel Demand / System Management:

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

Anticipated Year to Start Construction: 2020-2029

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

If yes, list the name of plan(s) and page number: Local Butler Rd. Corridor Study

## Project Cost Information

Engineering Cost: \$854,784.00

Annual Operating and Maintenance Cost:

\$40,000.00

Right of Way Cost: \$300,000.00

Dedicated Funding:

No

Construction Cost: \$3,419,136.00

If yes, please provide source and amount:

Total Project Cost: \$4,573,920.00

# Metropolitan Transportation Plan (MTP) 2035 Project Application

## 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: Andover Rd. is a major commuter route from the surrounding area, and the City of Rose Hill to employment, education, and shopping opportunities in Wichita. The improvements would add capacity to the road and reduce crashes.

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 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 left turn lanes minimize left turn conflicts and reduce crashes. This intersection is becoming a high accident location. One fatality accident has occurred recently because of the high-speed of the Andover Rd. traffic.

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 is included in the Andover/Butler Rd. Corridor Study as an interim measure to improve traffic flow on the corridor. Planned incremental improvements will result in four-lane improvements to the Andover Rd. corridor from US-54 to the south end of the Andover Planning Area where additional improvements are scheduled by Butler County and the City of Rose Hill.