

# Metropolitan Transportation Plan (MTP) 2035 Project Application

## Sponsor Information

Project Sponsor / Agency: *City of Bel Aire*

## Project Information

Project Location: Rock Road

To: 45th Street North

From: 254 Highway

Project Description: Reconstruct Rock Road from a two lane arterial to a three lane arterial with improved shoulders. A new sidewalk as well as storm drain system will be included. Signalization will also be required at 53rd Street North and a round-about at 45th Street North.

Project Purpose: Currently, Rock Road through Willowbend is two lanes and then becomes a County standard road with no shoulders from 45th Street North to Highway 254. However, a proposed downtown at the corner of 53rd and Rock, City Hall just west of Rock, a new 5A high school north and east of 53rd & Rock as well as the new developments being constructed along Rock will require shoulders, turn lanes and better traffic flows. A traffic signal will need to be installed at 53rd & Rock to control school traffic and well as retail development. A round-about at 45th & Rock will help minimize accidents by keeping the traffic flow moving. Additionally, a bicycle/pedestrian path will need built for children walking to school, to link Bel Aire with Wichita and for future retail development.

Main Project Type: Road

Other Project Types Included: Yes

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

Road:	Yes	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? Arterial

Anticipated Year to Start Construction: 2010 - 2019

Is the project listed in any WAMPO or other regional plans? No

If yes, list the name of plan(s) and page number:

## Project Cost Information

Engineering Cost:	\$750,000.00	Annual Operating and Maintenance Cost:	\$75,000.00
Right of Way Cost:	\$400,000.00	Dedicated Funding:	No
Construction Cost:	\$3,000,000.00	If yes, please provide source and amount:	
<b>Total Project Cost:</b>	<b>\$4,150,000.00</b>		

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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 Management

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

If yes, please explain: Rock Road will contain two entrances to the new 5A High School. A proposed town center is being considered at the corner of 53rd and Rock. New residential developments are in various stages of construction along Rock. The new three lanes will adequately handle the increased traffic flow to the new schools, retail establishments and residential developments.

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

If yes, please explain: Ability of students to ride bikes or walk will reduce the dependence on cars. Better signalization and traffic flow will reduce emissions from idle vehicles. The ability of residents to walk to retail business or Willowbend Golf Course will also reduce emissions from vehicles. A round about at 45th and Rock will reduce the need for vehicles stopping at an intersection thereby increasing fuel efficiency.

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

If yes, please explain: The pedestrian/bicycle path will link with local sidewalks, the new high school, City of Wichita sidewalks and to the new downtown for better mobility of walkers/bicyclists.

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

If yes, please explain: Signalization of intersections reduces the possibility of vehicle crashes as well as potential pedestrian injuries. Three lanes allows for better ingress and egress of businesses, schools and residential areas. The walking/bike path will allow more pedestrians/bicyclists to utilize a safer means since there are not shoulders and this activity currently is not an option along Rock Road.

5) Does the project address a regional issue that is addressed in a WAMPO plan? No

If yes, please explain:

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? No

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)? No

If yes, please explain:

## Additional Information

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