

Metropolitan Transportation Plan (MTP) 2035 Project Application

Sponsor Information

Project Sponsor / Agency: *City of Maize*

Project Information

Project Location: Maize Road from 45th Street North to K-96 Highway

To: K-96 Highway

From: 45th Street North

Project Description: Expand Maize Road from 2 lanes to 5 lanes with curb and gutter, storm sewers, railroad signalization, pedestrian crossings and signals, sidewalk and bike path. This project will also add a traffic signal at the Maize Road and 53rd Street North intersection. Also, related to this project is a sanitary sewer upgrade that will occur during the Maize Road project. In addition, there will be improvements made to the drainage outfall system near Hickory and Albert that will also improve the water quality of the runoff entering the drainage pond east of Maize Road. A second drainage outfall project will be constructed south of the K&O railroad tracks that will improve drainage for the City of Maize by the addition of a detention pond and drainage ditch.

Project Purpose: The project's purpose is to improve traffic capacity on Maize Road and the intersection of 53rd and Maize Road. This should also improve air quality along Maize Road due to reducing current day congestion and backups. The improvements will also make Maize Road a safer roadway by the addition of crossing gates and signals at the K&O railroad crossing as well as the addition of improved pedestrian crossings and signals along the project. This project will also extend the regional bike path system that will serve USD 266, multi-family and single family housing developments along Maize Road and commercial properties along 53rd Street. This project will also allow for improved access for the new Sedgwick County fire station on 53rd Street which should allow for improved emergency response times. This roadway was a part of a negotiated agreement between the City of Maize and KDOT to be a connector between K-96 and the Northwest Bypass. Finally, drainage improvements were needed to help facilitate runoff from the City of Maize to drainage ponds and channels east of the project.

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:	Yes
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? Yes

If yes, list the name of plan(s) and page number: In the approved 2010 TIP as voted on by the policy

Project Cost Information

Engineering Cost:	\$1,323,016.00	Annual Operating and Maintenance Cost:	\$40,000.00
Right of Way Cost:	\$306,250.00	Dedicated Funding:	Yes
Construction Cost:	\$5,735,437.00	If yes, please provide source and amount:	KDOT=800,000 (Economic Development Grant)
Total Project Cost:	\$7,364,703.00		

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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 Managem

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

If yes, please explain: This project would provide a connection between K-96 and proposed Northwest Bypass. Completes the arterial roadway system from Wichita to K-96 on Maize Road.

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

If yes, please explain: This project provides for increased capacity at 53rd Street and Maize Road intersection as well as improved capacity along Maize Road.

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

If yes, please explain: A bike path and sidewalk will be constructed from 45th Street North to K-96 along Maize Road. The bike path will connect to the regional bike path previously constructed to 45th Street and will now extend to 53rd Street. Pedestrian crossing signals will be constructed near Irma Street and Maize Road and ped signals will be included at the Maize Road and 53rd Street intersection. Railroad crossing signals and gates will be constructed at the intersection of Maize Road and the K&O Railroad.

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

If yes, please explain: Improves at-grade railroad crossing by improving vehicle and ped safety by the use of crossing gates and signals. The project will eliminate driveway access (left turns) at the Maize Road and 53rd Street intersection. Protected left turns will be installed with the Maize Road and 53rd Street North signal system.

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

If yes, please explain: This project is regionally significant as it completes the arterial network from K-96 to Wichita, provides an arterial connection to major commercial (New Market Square) and residential developments, provides an arterial connection to education facilities such as USD 266 and a Wichita State University satellite campus, and will provide a future connection from K-96 to the Northwest Bypass.

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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