

## Metropolitan Transportation Plan (MTP) 2035 Application Summary

<b>Total Projects Received:</b>	<b>298</b>
2010 - 2019:	191
2020 - 2029:	87
2030 - 2035:	20

<b>Total Project Cost:</b>	<b>\$4,236,687,108</b>
2010 - 2019:	\$2,092,085,890
2020 - 2029:	\$1,453,649,218
2030 - 2035:	\$690,952,000

<b>Total Road Projects:</b>	<b>205</b>
2010 - 2019:	124
2020 - 2029:	69
2030 - 2035:	12

<b>Total Road Cost:</b>	<b>\$3,279,906,268</b>
2010 - 2019:	\$1,819,973,550
2020 - 2029:	\$832,072,718
2030 - 2035:	\$627,860,000

<b>Total Bridge Projects:</b>	<b>40</b>
2010 - 2019:	32
2020 - 2029:	4
2030 - 2035:	4

<b>Total Bridge Cost:</b>	<b>\$289,048,340</b>
2010 - 2019:	\$164,338,340
2020 - 2029:	\$96,510,000
2030 - 2035:	\$28,200,000

<b>Total Transit Projects:</b>	<b>13</b>
2010 - 2019:	5
2020 - 2029:	4
2030 - 2035:	4

<b>Total Transit Cost:</b>	<b>\$147,053,000</b>
2010 - 2019:	\$51,651,000
2020 - 2029:	\$60,510,000
2030 - 2035:	\$34,892,000

<b>Total Bicycle/Pedestrian Projects:</b>	<b>26</b>
2010 - 2019:	22
2020 - 2029:	4
2030 - 2035:	0

<b>Total Bicycle/Pedestrian Cost:</b>	<b>\$27,162,000</b>
2010 - 2019:	\$24,103,000
2020 - 2029:	\$3,059,000
2030 - 2035:	\$0

<b>Total Travel Demand/System Management Projects:</b>	<b>5</b>
2010 - 2019:	4
2020 - 2029:	1
2030 - 2035:	0

<b>Total Travel Demand/System Management Cost:</b>	<b>\$29,015,000</b>
2010 - 2019:	\$26,765,000
2020 - 2029:	\$2,250,000
2030 - 2035:	\$0

<b>Total Rail Projects:</b>	<b>6</b>
2010 - 2019:	2
2020 - 2029:	4
2030 - 2035:	0

<b>Total Rail Cost:</b>	<b>\$453,225,000</b>
2010 - 2019:	\$2,225,000
2020 - 2029:	\$451,000,000
2030 - 2035:	\$0

<b>Total Other:</b>	<b>3</b>
2010 - 2019:	2
2020 - 2029:	1
2030 - 2035:	0

<b>Total Other:</b>	<b>\$11,277,500</b>
2010 - 2019:	\$3,030,000
2020 - 2029:	\$8,247,500
2030 - 2035:	\$0



# Travel Demand/Systems Management Project Ranking Sheet

ID	Project Name	Total Project Cost	MOE #1	MOE #2	MOE #3	MOE #4	MOE #7
151	Andover Rd. and Harry St.	\$ 187,500					
228	Wichita Area: Traffic Signal Controller Replacement/Upgrade	\$2,250,000					
229	Wichita Area: Downtown Parking Management System	\$1,000,000					
254	Wichita Area: Traffic Management Center (TMC)	\$24,000,000					
351	Wichita Area: Wireless Mobile Network (1)	\$1,577,500					



# Metropolitan Transportation Plan (MTP) 2035 Travel Demand/Systems Management Application

## Sponsor Information

**Project Sponsor / Agency:**

## Project Information

**Project Name:**

**Project Location:**

**To:**

**From:**

**Project Description:**

**Project Purpose:**

**Main Project Type:**

**Other Project Types Included:**

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

<b>Road:</b> <input type="text"/>	<b>Rail:</b> <input type="text"/>	<b>Bicycle / Pedestrian:</b> <input type="text"/>
<b>Bridge:</b> <input type="text"/>	<b>Intersection:</b> <input type="text"/>	<b>Railroad Crossing:</b> <input type="text"/>
<b>Transit:</b> <input type="text"/>	<b>Interchange:</b> <input type="text"/>	<b>Travel Demand / System Management:</b> <input type="text"/>

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

**Anticipated Year to Start Construction:**

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

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

## Project Cost Information

**Engineering Cost:**

**Annual Operating and Maintenance Cost:**

**Right of Way Cost:**

**Dedicated Funding:**

**Construction Cost:**

**If yes, please provide source and amount:**

**Total Project Cost:**

# Metropolitan Transportation Plan (MTP) 2035 Travel Demand/Systems Management Application

## Measures of Effectiveness Information

**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, provide protected left-turn and pedestrian movements, 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 signals, 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 would provide crosswalk signals for the 10 foot bicycle pedestrian sidewalk that connect 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 signals minimize left turn conflicts and reduce crashes.

**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.

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**Project Description:**

**Project Purpose:**

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**Other Project Types Included:**

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

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

## Project Cost Information

**Engineering Cost:**

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# Metropolitan Transportation Plan (MTP) 2035 Travel Demand/Systems Management Application

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## Measures of Effectiveness Information

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

No

**If yes, please explain:**

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

Yes

**If yes, please explain:** Improvements to equipment may allow for improved signal timings to reduce delay.

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

No

**If yes, please explain:**

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

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)?**

**If yes, please explain:**

## Additional Information

**Additional Information:**

# Metropolitan Transportation Plan (MTP) 2035 Travel Demand/Systems Management Application

## Sponsor Information

**Project Sponsor / Agency:**

## Project Information

**Project Name:**

**Project Location:**

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**Project Description:**

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

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**Engineering Cost:**

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**Right of Way Cost:**

**Dedicated Funding:**

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**Total Project Cost:**

# Metropolitan Transportation Plan (MTP) 2035 Travel Demand/Systems Management Application

## Measures of Effectiveness Information

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

**If yes, please explain:** Provides information to motorists regarding availability of parking in the downtown area. Provides information to folks using transit services.

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

**If yes, please explain:**

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

**If yes, please explain:**

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

**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:**

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## Measures of Effectiveness Information

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

Yes

**If yes, please explain:** The project will increase the efficiency of the transportation system.

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

Yes

**If yes, please explain:** The project will help reduce automobile emissions by reducing stalled traffic and congestion on the freeway system.

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

No

**If yes, please explain:**

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

Yes

**If yes, please explain:** The project provides travel information that will help reduce accidents by notifying the public of congestion or other road conditions that may be hazardous.

**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)?**

Yes

**If yes, please explain:** The project is a continuation of the Wichita TMC project contained in the ITS Regional Architecture. The project does address congestion as already noted.

## Additional Information

**Additional Information:**

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# Metropolitan Transportation Plan (MTP) 2035 Travel Demand/Systems Management Application

## Measures of Effectiveness Information

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

Yes

**If yes, please explain:**

The provision of a mobile wireless environment will allow for transfer of real-time data which can be used for efficiency in planning and congestion control measures.

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

Yes

**If yes, please explain:**

The provision of a mobile wireless environment will allow for transfer of real-time data which can be used for mitigation of congestive traffic areas.

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

Yes

**If yes, please explain:**

The provision of a mobile wireless environment will allow for the integration of real-time data between the Transit Services ITS Project and proposed Parking Management System.

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

Yes

**If yes, please explain:**

The provision of a mobile wireless environment will allow for real-time location tracking and on-board system monitoring of Transit Services fixed-route and paratransit vehicles.

**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)?**

Yes

**If yes, please explain:**

The provision of a mobile wireless environment will allow for transfer of real-time data resulting in a more efficient and enhanced delivery of services from Transit Services. The mobile wireless environment will also provide the means of communicating with the City's proposed Parking Management System. The mobile wireless network environment will provide a real-time integration of the communication link between the City's ITS based Transit Services and the proposed Parking Management System.

## Additional Information

**Additional Information:**