

Transportation Improvement Program (TIP) Revisions: Mid-Region Metropolitan Planning Organization - Albuquerque, NM			
1	Control Num. (new projects assigned by MPO):	tbd	MPO Rec#: tbd
2	Project Title:	Congestion Management Process Transportation Analysis Program	
3	Beg. Terminus (southernmost/westernmost pt):	AMPA-wide	
4	End Terminus (northernmost/easternmost pt):	AMPA-wide	
5	Project Description/Scope of Work:	The Congestion Management Process (CMP) collects travel time and other data to assess the performance of the transportation network, analyze congested conditions, and determine impacts of completed projects. The data collected through this program is critical in meeting federal requirements, evaluating projects through the Project Prioritization Process, and understanding actual transportation conditions. The program has expanded over time to include data collection for transit, bicycle, and pedestrian modes.	
6	Existing Total Estimated Project Cost in TIP:	Revised Total Estimated Project Cost (if changing OR new project):	\$450,000
7	What is the reason for the TIP revision? check all that apply	<input type="checkbox"/> -New funds avail. <input type="checkbox"/> -New Project <input type="checkbox"/> -Design Cost Increase/Decrease <input type="checkbox"/> -ROW Cost Revision <input type="checkbox"/> -PS&E Cost Est. <input type="checkbox"/> -Letting Adjustment <input type="checkbox"/> -FTA or TTP funding adjusted to actual award amount <input type="checkbox"/> -Env. Doc. Cost Revision <input type="checkbox"/> -Termini Change <input type="checkbox"/> -Scope Revisions <input type="checkbox"/> -Construction Cost change based on PE or Design Document	
8	Enter the most recent estimated or actual project development completion dates (month/year)	Environmental Document: Preliminary Engineering: Design: Right-of-Way: Estimated Letting Date: Project Completion:	To Be Completed by MPO Staff <input type="checkbox"/> -Is this project a TCM (Transp. Control Measure) in a SIP? <input type="checkbox"/> -Is this project CMAQ Eligible? <input type="checkbox"/> -Has project been in 1st 2 years of TIP and is inactive? <input type="checkbox"/> -Has project been in 1st 2 years of TIP with "rollovers"? Date Submission Received:
9	Check if this is an ongoing project: <input checked="" type="checkbox"/> (TDM, bike/ped educ. prog., Bus Purchase, etc.)		

◀ Enter termini ONLY for new projects OR to change existing terminus
 ◀ Enter termini ONLY for new projects OR to change existing terminus
 ◀ Enter Scope of Work ONLY for new projects OR to revise existing scope of work.

Please Read!

STOP Complete Form C: Addendum for TIP Project Proposals in its entirety for proposals which:

- which add a project to the TIP.

STOP Complete Form C but only steps C.1 and C.2 for TIP revision proposals which:

- split an existing TIP project into two or more projects OR
- combine two or more projects into one project OR
- for any proposal which changes the termini of a capacity project any length OR
- for any proposal which changes the termini of any project beyond the termini noted in the Env. Doc.

FORM B														Project: Congestion Management Process Transportation Analysis Program				CN: tbd			
Transportation Improvement Program (TIP) Revisions: Mid-Region Metropolitan Planning Organization - Albuquerque, NM																					
Phase	Work Type	Fund Source	FFY 2014		FFY 2015		FFY 2016		FFY 2017		FFY 2018		FFY 2019		FFY 2020		FFY 2021				
			Prog Amt	Match	Prog Amt	Match	Prog Amt	Match	Prog Amt	Match											
Scoping/Env. Doc.		TIP Amt																			
		+Prop Rev																			
		=Result	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0			
		Current Prog. Amt.	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0			
	Resulting Amt.	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0			
PE & Design		TIP Amt																			
		+Prop Rev																			
		=Result	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0			
		Current Prog. Amt.	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0			
	Resulting Amt.	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0			
Utilities		TIP Amt																			
		+Prop Rev																			
		=Result	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0			
		Current Prog. Amt.	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0			
	Resulting Amt.	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0			
Right-of-Way		TIP Amt																			
		+Prop Rev																			
		=Result	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0			
		Current Prog. Amt.	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0			
	Resulting Amt.	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0			
Construction/Implementation	NA Not Applicable	TIP Amt													192,240	32,760	192,240	32,760			
		+Prop Rev																			
		=Result	0	0	0	0	0	0	0	0	0	0	0	0	192,240	32,760	192,240	32,760			
		Current Prog. Amt.	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0			
	Resulting Amt.	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0			
	Est. Let. Month	Current Prog. Amt.	0	0	0	0	0	0	0	0	0	0	0	0	192,240	32,760	192,240	32,760			
	Year	Resulting Amt.	0	0	0	0	0	0	0	0	0	0	0	0	192,240	32,760	192,240	32,760			
Existing 4 Year Total Amount Programmed in TIP:										0		Diff. Prop.-Existing=		0							
Resulting 4 Year Total Amount Programmed as Proposed:										0		Percent Change:		#DIV/0!							

FORM C: ADDENDUM for TIP PROJECT PROPOSALS

STOP Complete *Form C: Addendum for TIP Project Proposals* **in its entirety** for proposals which add a project to the TIP, and during the development of a new TIP, for those proposals requesting additional funding to an existing TIP project. Complete only Steps C.1 and C.2 for TIP revision proposals which split an existing project into two or more projects; combine two or more existing projects into one project; or for any proposal which changes the termini of a capacity project any length OR beyond the termini in the environmental document.
Also complete Forms A and B for all TIP proposals.

? Goal references refer to the *Project Prioritization Process Guidebook (PPPG)*.

MPO ID#: Control Number: Project Title: **CMP Transportation Analysis Program**

STEP C.1 – LEAD AGENCY (PROJECT SPONSOR) INFORMATION

Lead Agency: **MRMPO** Department:
 Address: **809 Copper Ave NW** Address Line 2:
 City: **Albuquerque** State: **NM** Zip: **87102**
 Contact Person: **Aaron Sussman** Title: **Senior Planner**
 Telephone: **(505) 724-3631** Ext: Fax: **(505) 247-1750** Email: **asussman@mrcog-nm.gov**

STEP C.2 – ADDITIONAL PROJECT INFORMATION (there are drop-down menus for "County" & "Municipality/Jurisdiction")

Project Geographic Location Information: **Attach a map showing the location or route of the project.**

County: **multiple** Municipality/Jurisdiction: **multiple jurisdictions**
 NM Senate District: **several** NM House District: **several**

Roadway and Bike/Ped Project - Work Characteristics (fill in ALL pertinent information):

What Kind of Roadway is this project on? -Interstate or Expressway -Urban Arterial or Street -Rural Road
-2 -3 -4 -5 -6 -7 -8 -9+ =number of existing thru traffic lanes

<input type="checkbox"/> -1 <input type="checkbox"/> -2 <input type="checkbox"/> -3 <input type="checkbox"/> -4 =number of new lanes to be built	<input type="checkbox"/> -1 <input type="checkbox"/> -2 =number of medians to be landscaped
<input type="checkbox"/> -1 <input type="checkbox"/> -2 <input type="checkbox"/> -3 <input type="checkbox"/> -4 =number of lanes to be reconstructed	<input type="checkbox"/> -1 <input type="checkbox"/> -2 <input type="checkbox"/> -3 <input type="checkbox"/> -4 =number of outer sides to be landscaped
<input type="checkbox"/> -1 <input type="checkbox"/> -2 <input type="checkbox"/> -3 <input type="checkbox"/> -4 =number of lanes to be rehab/resurf.	<input type="checkbox"/> - check if bicycle and/or pedestrian elements are included
<input type="checkbox"/> -1 <input type="checkbox"/> -2 <input type="checkbox"/> -3 <input type="checkbox"/> -4 =number of new/reconstr. shoulders	<input type="checkbox"/> -1 <input type="checkbox"/> -2 =num. of new bike/ped separate trails
<input type="checkbox"/> -1 <input type="checkbox"/> -2 <input type="checkbox"/> -3 <input type="checkbox"/> -4 =number of new/reconstr. medians	<input type="checkbox"/> -1 <input type="checkbox"/> -2 = number of new bike lanes (1 for each side)
<input type="checkbox"/> -1 <input type="checkbox"/> -2 <input type="checkbox"/> -3 <input type="checkbox"/> -4 =number of new interchanges	<input type="checkbox"/> - length (linear feet) of new bike path bridge(s)
<input type="checkbox"/> -1 <input type="checkbox"/> -2 <input type="checkbox"/> -3 <input type="checkbox"/> -4 =num. of new grade separ./bridges	<input type="checkbox"/> -1 <input type="checkbox"/> -2 =num. of new or reconstructed sidewalks (1 for each side)

ITS - Will this project include any of the following (check ALL boxes that apply):

This is NOT an inclusive or comprehensive list of ITS Architecture project elements, only common ones

- | | | |
|---|---|---|
| <input type="checkbox"/> -Traffic monitoring sensors such as in-pavement loops/acoustic sensors | <input type="checkbox"/> -Traffic signal installation or coord. | <input type="checkbox"/> -ITS integration |
| <input type="checkbox"/> -RWIS pavement sensors | <input type="checkbox"/> -Traffic signal pre-emption | <input type="checkbox"/> -Message Signs |
| <input type="checkbox"/> -Video imaging and/or CCTV | <input type="checkbox"/> -Traffic signal prioritization | <input type="checkbox"/> -Transit stops/Rail stations/Airport |
| <input type="checkbox"/> -Remote traffic monitoring | <input type="checkbox"/> -Traffic signal upgrade | <input type="checkbox"/> -Other: <input type="text"/> |
| | <input type="checkbox"/> -Fiberoptic cable and/or connection | |

If you checked any box the project most likely will need to be included in the Albuquerque Metropolitan Planning Area ITS Regional Architecture and New Mexico Statewide ITS Architecture before any Federal funds can be expended for any ITS component project element. For information, contact Nathan Masek at (505) 724-3620 or Nmasek@mrcog-nm.gov

If "yes", who will be the contact person for data collection? Name:

Off. Phone: **(505) ###-####** Ext: email:

If "yes", after contacting the ITS coordinator, is this project included/being added to the ITS Architecture? -Yes -No

STEP C.3 – PPP – PROJECT PRIORITIZATION PROCESS – TECHNICAL ASSESSMENT INFORMATION

Project Purpose Type for Technical Assessment (check only ONE box) to categorize the main purpose of the project:

- | | |
|---|---|
| <input type="checkbox"/> - Capacity | <input type="checkbox"/> - Freight Movement |
| <input type="checkbox"/> - Roadway Efficiency Improvements | <input type="checkbox"/> - Safety Improvements |
| <input type="checkbox"/> - Preservation/Maintenance of Infrastructure | <input type="checkbox"/> - Transit (Commuter Rail, Park & Ride, Vehicle Purchase) |
| <input type="checkbox"/> - ITS (Intelligent Transportation Systems) | <input type="checkbox"/> - Alternate Modes (includes Bike/Ped) |
| | <input checked="" type="checkbox"/> - Other: Data collection and analysis |

Describe the project's purpose. **The Congestion Management Process (CMP) will collect travel time and other data to assess the performance of the transportation network, analyze congested locations, and identify projects that will address regional needs. The data collected through this program is critical in the evaluation of projects through the Project Prioritization Process.**

Preservation of Existing Infrastructure: (refer to Goal I. D. of the PPPG)

What percentage of the project is dedicated to preservation of the existing infrastructure? (Reconstruction, rehabilitation, resurfacing, bridge replacement/rehab., vehicle replacement, transit buildings repairs, etc.) % = **0**

-Yes -No Is there a bridge included in this project that is on the NMDOT deficient bridge list that will have those deficiencies addressed to remove the bridge from the deficient bridge listing?

Safety Improvement Assessment Information:

-Yes -No Does this project include any "safety strategy" identified in Goal I. B. of the PPPG?
If yes, briefly state the strategies: [redacted]

Congestion Management Process (CMP) Assessment Information:

-Yes -No Will this project include any "CMP/Performance strategy" identified in Goal II. F. of the PPPG?
If yes, briefly state the strategies: [redacted]

Land Use Conformity Information:

-Yes -No Does this project pursue a specific priority or recommendation (not a general strategy) in the most specific adopted land use plan for the project area? (see Goal III. C. of the PPPG) If yes, which plan(s)? [redacted]
If yes, please note the page/chapter/section number(s) of the plan(s)? [redacted]
Explain how the project will fulfill the plan priority or recommendation. [redacted]

Intermodal Connectivity Information (check ALL boxes that apply):

Will this project provide a *direct* connection to any of the following?

- | | |
|---|--|
| <input type="checkbox"/> - ATC (Alvarado Transportation Center) | <input type="checkbox"/> - Other ABQ Ride P&R: [redacted] |
| <input type="checkbox"/> - Northwest Transit Center | <input type="checkbox"/> - Any New Mexico Rail Runner Express Station |
| <input type="checkbox"/> - Southwest Mesa Transit Center | <input type="checkbox"/> - Any New Mexico Park & Ride Facility |
| <input type="checkbox"/> - Tramway & Montgomery Park & Ride | <input type="checkbox"/> - La Plazuela de Sandoval Park & Ride Facility |
| <input type="checkbox"/> - Tramway & Central Park & Ride | <input type="checkbox"/> - Other Rio Metro P&R: [redacted] |
| <input type="checkbox"/> - Uptown Transit Center | <input type="checkbox"/> - Albuquerque International Sunport, DE II Airport or Alexander |

Will this project construct or improve any of the following transit facilities?

- | | |
|--|--|
| <input type="checkbox"/> - Improvements to an Existing Transit Station | <input type="checkbox"/> - New Transit Service to a Park & Ride Facility |
| <input type="checkbox"/> - Expanded Park & Ride Facility | <input type="checkbox"/> - New Transit Service to a NM Rail Runner Station |
| <input type="checkbox"/> - New Park & Ride Facility or Transit Station | <input type="checkbox"/> - Other: [redacted] |

Does this project incorporate any of the following transit related features?

- | | |
|--|--|
| <input type="checkbox"/> - New Bus Shelters | <input type="checkbox"/> - New Dedicated Lane for Transit |
| <input type="checkbox"/> - New Queue-Jump Lane for Buses | <input type="checkbox"/> - New Transit Service to a NM Rail Runner Station |
| <input type="checkbox"/> - New Signal Prioritization Locations | <input type="checkbox"/> - Other: [redacted] |

Does this project incorporate any of the following bicycle & pedestrian features?

- | | |
|--|---|
| <input type="checkbox"/> - New Bike Lanes | <input type="checkbox"/> - Widened Sidewalks or Bike Lanes or Multi-Use Path |
| <input type="checkbox"/> - New Bike or Multi-Use Trail | <input type="checkbox"/> - Compliance to ADA standards (<i>where it was noncompliant</i>) |
| <input type="checkbox"/> - New Sidewalks (where none existed before) | <input type="checkbox"/> - Other New B/P features: [redacted] |

Freight Movement Assessment:

-Yes -No Will this project specifically involve or benefit freight movement (truck or rail)? (see Goal III.B. of PPPG)
If yes, please describe and identify the strategies: [redacted]

Air Quality Information for Transit projects:

For the PPP, MPO staff will use the standard regional transit mode share percentage unless your agency provides a different percentage. Enter percentage here. [redacted] %

If providing a different percentage, what is the source of that percentage? [redacted]

-Yes -No Is this a park & ride lot? If yes, for approximately how many parking spaces? [redacted]

-Yes -No Is this project an expansion of transit service? If yes, describe the proposed increase in transit service frequency (headways) and geographic area(s) to be served by the expanded service. [redacted]

Air Quality Information for Bicycle/Pedestrian projects:

What is the closest "Principal Arterial" that approximately parallels the proposed bicycle/pedestrian facility?
[redacted]

For the PPP, MPO staff will use the standard regional bicycle/pedestrian mode share percentage to calculate the expected mode shift from vehicle to bike/ped unless your agency provides a different percentage. Enter percentage here. [redacted] %

If providing a different percentage, what is the source of that percentage? [redacted]

Regional Significance: Describe, if applicable, the regional/metropolitan significance of this project. **Travel time data is invaluable for assessment and comparison of roadway conditions across the metropolitan area. This data allows agencies to target projects and investments to locations that experience high levels of congestion and informs the type of project that should be pursued. Data collected through this program will also enable MRMPO to consider the performance and benefits of the region's pedestrian and bicycle infrastructure, and to utilize emerging transportation data methodologies to assess the roles of different modes in the overall transportation system.**

Local Significance: Describe, if applicable, the value of this project to the local community.

Environmental Justice (EJ) & Minority Communities Significance: Describe, if applicable, the impact and/or benefits of this project to EJ communities.

Land Use Significance: Describe, if applicable, any land use changes likely to result from this project. This can include any development likely to occur as a direct result of the project.

Private Sector Involvement: Explain, if applicable, any private sector involvement in the development and/or implementation of this project. Be sure any costs to be paid by a private developer are included in the funding chart for this project.

STEP C.5 – (Optional) ADDITIONAL INFORMATION – **please provide any other information pertinent to this project.**

(Supplemental documentation may also be submitted separately with this application.)

This is primarily a data collection program intended to assess the performance of the transportation network. The project will focus on travel time data collection at a regional scale and specific locations as appropriate, but will also measure the performance of alternative modes such as transit and bicycling. Such data enables analysis of transportation policy and individual projects. Decisions about which data to collect will be made in consultation with the CMP Committee.

Tasks for this program may include but are not limited to:

Vehicle and transit travel time, with particular emphasis placed on the CMP network

Data management

On-demand travel time evaluation for agency plans and studies

Transit performance evaluation and mode share determination

Bicycle and pedestrian behavior studies

This project is a continuation of the CMP Travel Time Program, which was funded through the TIP between 2010 and 2015, and the CMP Transportation Analysis Program, which is funded in 2018 and 2019. The existing travel time program provides crucial data for the Congestion Management Process, a federally mandated program that analyzes the causes, sources, and extent of congestion. The CMP, as overseen by MRMPO with the support and participation of agencies across the AMPA, identifies congested conditions across the region and utilized data to develop the Project Prioritization Process. Continued funding of this program allows for MRMPO to conduct critical analysis of transportation conditions across the region, identify appropriate strategies for managing that congestion, and considering the effectiveness of regional policies and investments.