



MRMPO Project Scoring Form 2022 - New Project Request

Mid-Region Metropolitan Planning Organization

809 Copper Avenue NM, Albuquerque, NM 87102 505-247-1750

Project Submittal Form for the Project Selection Process (PSP)

The PSP was developed to score and rank member agency submitted projects and programs. This selection process was developed to promote projects that incorporate national transportation goals and regional goals and priorities from the Connections 2040 Metropolitan Transportation Plan (MTP). This form includes 7 pages:

- A. General Project Information
- B. Work Type and Location Information
 - 1. Optimized Mobility Questions and Strategies
 - 2. Active Transportation Questions and Strategies
 - 3. Economic Linkages Questions and Strategies
 - 4. Environmental Resiliency Questions and Strategies
 - 5. Equity Questions and Strategies

While the PSP is an important tool in project selection, it is not the only determining factor. Other considerations, such as the benefit of the project to the local community, and the project's cost and time frame for completion, are also important factors.

The table below shows the connection between national and regional goals. Narrative Questions with an asterisk by them are developed directly from national goals.

National Transportation Goals	2040 MTP Goal(s)
Safety: To achieve a significant reduction in traffic fatalities and serious injuries on all public roads.	Active Transportation, Optimized Mobility
Infrastructure Condition: To maintain the highway infrastructure asset system in a state of good repair.	Optimized Mobility
Congestion Reduction: To achieve a significant reduction in congestion on the National Highway System.	Optimized Mobility, Economic Linkages
System Reliability: To improve the efficiency of the surface transportation system.	Optimized Mobility, Active Transportation, Economic Linkages
Freight Movement and Economic Vitality: To improve the national freight network, strengthen the ability of rural communities to access national and international trade markets, and support regional economic development.	Economic Linkages, Optimized Mobility
Environmental Sustainability: To enhance the performance of the transportation system while protecting and enhancing the natural environment.	Environmental Resiliency
Reduced Project Delivery Delays: To reduce project costs, promote jobs and the economy, and expedite the movement of people and goods by accelerating project completion through eliminating delays in the project development and delivery process, including reducing regulatory burdens and improving agencies' work practices.	Economic Linkages, Project Selection Process (PSP)

A. General Project Information

Lead Agency / Project Information

Project Title Congestion Management Process: Travel Time Assessment Program

Lead Agency MRMPO

Agency Contact Willy Simon

Phone Number (505) 724-3647

E-mail wsimon@mrcog-nm.gov

Project Type

Intelligent Transportation Systems

Scope of Work / Project Description:

The Congestion Management Process (CMP) is an ongoing process to develop regional objectives for congestion management. The CMP collects travel time data on the roads and interstate system identified in the congested network of the AMPA. The data is used to monitor system performance and flag congested areas. Analysis based on the data is used to prioritize and program projects deemed the most beneficial to the regional transportation network.

Is this a new project? If YES, Control Number and MPO ID will be assigned by MPO.

No

If NO, please indicated the MPO ID: 201.5

If NO, please indicate the Control Number: A301845

[Metropolitan Transportation Planning \(MTP\) Appendix A](#)

This Appendix includes projects listed in the MTP and provides the MPO ID

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B. Work Type and Route Information

Work Type

Analysis and data acquisition

If you would like to see the previous Form B excel spreadsheet used to calculate costs you can [click here](#). This will download the spreadsheet for you. Please enter final totals and the associated years below.

What is the Total Amount requested for the Work Type?

Scoping / Environmental:

PE & Design:

Utilities:

Right of Way:

Construction / Implementation:

Other: Analysis and data acquisition 225,000

What is the Year for the Work Type? (2024 through 2029)

Scoping / Environmental:

PE & Design:

Utilities:

Right of Way:

Construction / Implementation:

Other: Analysis and data acquisition: 2026 - \$225,000, 2027 - \$250,000, 2028 - \$225,000, 2029 - \$250,000

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1. Optimized Mobility

Optimized Mobility focuses on the overall management of our roadways, including the introduction of more advanced technologies, such as smart signals and vehicle to vehicle communication. In addition, in accordance with national guidance, an emphasis is placed on prioritizing cost effective maintenance and operations to preserve existing infrastructure.

Optimized Mobility Narrative Questions

Please be short and sweet, but specific about how your project addresses this goal.

***How does this project or program improve the reliability (consistency and predictability of travel time) of transportation, and for which modes of travel? If this is a Transit project then explain improved hours and/or frequency.**

The Congestion Management Process aims to assess the performance of the regional transportation system through data collection and analysis. With a better understanding of the congestion issues facing the region, better investments can be made to improve mobility throughout the region. The CMP includes the purchase of INRIX travel time data that can be used to hone in on issues in travel time reliability and assess on which facilities and at what times reliability is a problem.

***How does this project or program reduce congestion, and for which modes of travel?**

The CMP collects congestion data and monitors system performance, analyzes congestion problems and needs and then identifies and assesses strategies. The data collected is used to prioritize and program projects deemed the most beneficial. The CMP addresses most of the national goals by promoting a wide array of strategies to improve mobility. Strategies are as varied as encouraging transit use, implementing ITS elements for better traffic flow to installing better bicycle and pedestrian infrastructure to shift people away from single occupancy vehicles. The CMP reduces congestion through analyzing congestion data, understanding where the problem is, and programming projects to address it.

Does the project or program implement new, or update existing, ITS infrastructure? Does the project or program implement identified services in the ITS Architecture Plan?

The CMP does prioritize using ITS strategies as a way to combat congestion and uncertain travel times in the region. These strategies are used to prioritize projects through the PSP.

[ITS Architecture Plan](#)

Optimized Mobility Strategies

Strategies are modeled after the Congestion Management Process priority matrix developed by the CMP committee.

Intelligent Transportation Systems Strategies

Traffic signal timing and coordination

Travel signal equipment modernization

Traveler information devices

Communications networks

Roadway surveillance coverage

Transit pre-emption / priority

Transit vehicle real time location (app or kiosk)

Incident management plans, courtesy patrol

Roadway Capacity Strategies

Off-street multi-use trails

On-street bicycle treatments

Parking management

Intersection turn lanes

Acceleration / Deceleration lanes

Grade separated railroad crossings

New grade separated intersections

New travel lanes (general purpose)

New roadways / new alignment

Parallel route to existing roadway

Transit Strategies

Rail safety plan

Project developed in coordination with transit providers

Transit service expansion (frequency increase)

Transit service expansion (extended hours)

Transit vehicle real time information

Fixed guideways and dedicated transit lanes

Transit intersection queue-jump lanes and signal priority

Off-vehicle fare collection

New bus shelter

New park and ride facility

New connection to park and ride or Rail Runner station

New transit service (new route)

New transit service hours

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2. Active Transportation

Active Transportation focuses on non-motorized modes of travel such as walking, biking, and other ways to travel in the region like using bike share or scooters. The Active Transportation goal also enhances safety concerns in response to a disproportionately high rate of pedestrian fatalities in our region, and the critical role of transportation investments in activity centers.

Active Transportation Narrative Questions

Please be short and sweet, but specific about how your project addresses this goal.

***How does this project or program reduce fatal and serious injury crashes on the transportation facility? Does it implement a program or project from a regional or local safety plan? If so, indicate which one.**

Crash rates are a key input to the CMP congested corridor rankings. the more crashes there are on a corridor the higher a priority it will be for eligible countermeasures. The CMP incorporates the HFIN into the PSP to ensure that projects addressing the highest crash locations get federal funds.

Does the project address Complete Streets design as identified in your local entity's guidance, or as identified in the Long Range Transportation Systems Guidelines (LRTS)? Refer to the LRRS classification of the roadway.

The CMP advocates for complete streets design and encourages member agencies to use these strategies when crafting projects for TIP inclusion.

[Long Range Transportation Systems Guidelines](#)

Does this project or program improve overall network connectivity, provide network redundancy, or make a direct connection to an important regional destination? If so, explain and identify which destination.

The CMP encourages network connectivity and redundancy as an important way to reduce congestion.

Active Transportation Strategies

Multiple options available. Please adequately describe Other option.

Pedestrian and Bicycle Strategies

Improves connection to a multiuse trail through an established neighborhood

Grade separated crossing for bicyclists or pedestrians

Adding bicycle lanes (separated, buffered, and painted)

Adding / improving pedestrian crossing/crosswalk

Signalization improvements specifically for pedestrians or bicyclists

Curb extensions / narrowing of pedestrian crossing length

Traffic calming design features that benefit pedestrians / bicyclists

Bike Share elements

Way-finding enhancements for bicyclists or pedestrians

Bicycle amenities like lockers, restrooms, and parking

Pedestrian scale lighting improvements

Widening sidewalks

Improves river crossing for pedestrian / bicyclists

Education and Outreach Strategies

Traffic law enforcement improvements to address dangerous driving

Marketing campaigns focused on safety

Texting and driving awareness

Motorcycle helmet safety campaign

Events that encourage bicycling and walking

Bicycle / Pedestrian education programs

Driver Education programs

Comprehensive safety action plan or pedestrian plan

Safe Routes to School studies and implementation

Geometric Safety Strategies

Uses an FHWA identified roadway countermeasure (indicate type in Other)

Traffic calming focused on vehicular speed reduction

Consolidates or eliminates driveways

Paved shoulders / shoulder improvements

Signage - crossing signs, variable message signs

Crossing improvements: median refuges, enhanced crossings at transit, bump outs

Crossing improvements: signal detection, signal timing, protected intersection crossing

Crossing improvements at railroad crossings

Road diet / lane reconfiguration

Narrower travel lanes

Widening sidewalks

Roundabouts / traffic circles

Intersection or interchange geometry changes: reducing radii, reducing crossing distance

Railroad signal system and switching upgrades

Railroad crossing improvements

Transit facility security

[FHWA Countermeasures](#)

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3. Economic Linkages

Economic Linkages explores the economic impacts benefits of place-making and captures a better sense of the fiscal implications of expanded growth, such as new expanded roadways and transit services, and costs of public services like schools and/or fire stations.

Economic Linkages Narrative Questions

Please be short and sweet, but specific about how your project addresses this goal.

***How does the project or program provide insurance that it is shovel ready? Has the project already received federal funds or a soft match? Does it include innovative financing such as Public Private Partnerships?**

The CMP program has already received federal funds and has an ongoing project with a consultant to build a web app that allows users to query and download congestion data easily. This work is being done at the direction of the CMP committee which is made up of MRMPPO member agencies.

Economic Linkages Strategies

Multiple options available. Please adequately describe Other option.

Access Strategies

Provides or improves multimodal access to an employment center or large employer

Provides or improves access to an employment center via non single occupancy vehicle mode/s

Provides or improves access to industrial development

Creates or improves a network link that will aide in access in the event of a major disruption

Provides or improves access to land that will be used for solar or wind energy production

Landscaping that improves the pedestrian experience

Provides park and ride service in a high density area

Additional street parking providing access to local businesses

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4. Environmental Resiliency

Environmental Resiliency acknowledges the transportation sector's impact on air quality and climate change. Environmental Resiliency also includes urban heat island effects, the benefits of low impact development and tree coverage, and expands on emergency evacuation and critical transportation infrastructure. Critical transportation infrastructure includes assessing the overall connectivity of our transportation networks.

Environmental Resiliency Narrative Questions

Please be short and sweet, but specific about how your project addresses this goal.

***How does this project or program protect the natural regional environment? Does it include any emissions reductions, Green Infrastructure, wildlife crossings, or storm water management?**

The CMP encourages building projects for non-sov travel. when the region is in non-attainment, any sov capacity expansion projects have to be vetted through the CMP Committee. These countermeasures are encouraged in the PSP, which is a product of the CMP.

Environmental Resiliency Strategies

Multiple options available. Please adequately describe Other option.

Air Quality Strategies

Transportation Control Measure (TCM) in the State Implementation Plan (SIP)

Flexible work schedules

High Occupancy Vehicle (HOV) facilities

Facilitates Ride Sharing

Parking management / pricing

Employer based Transportation Demand Management (TDM) programs

Transportation Management Associations (TMAs)

Fleet transition to low or zero emission vehicles

Provides alternative travel option/s to single occupant vehicle

Smart parking technologies

Vehicle charging stations

Vehicle use limitations and restrictions

Locally oriented commuter services program for a specific area (i.e. Downtown)

Alternative fuel infrastructure

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5. Equity

Equity refers to ensuring all members of a community have similar access to the transportation system and that no groups are disproportionately burdened or benefited by transportation decisions and investments. Addressing equity also means working to prioritize improvements for underserved communities that have been denied the full opportunity to participate in aspects of economic, social, and civic life. MRMPO has developed a Vulnerability Index (MVI) to assess areas of concern.

How does this project address Equity and ensure no negative consequences for underserved communities?

Equity in the PSP has been elevated by the CMP. Making Equity a key focus of the CMP will ensure that projects that address equity have a better chance of receiving funding.

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