



MRMPO Project Scoring Form 2022 - New Project Request

Mid-Region Metropolitan Planning Organization

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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 ITS-ABQ ASTPM Montgomery / Montano

Lead Agency COA-DMD

Agency Contact Debbie Bauman

Phone Number (505) 270-0758

E-mail dbauman@cabq.gov

Project Type

Intelligent Transportation Systems

Scope of Work / Project Description:

Implementation of Automated Signal Timing Measures consistent with FHWA Every Day Counts Initiative

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: 249

If NO, please indicate the Control Number: A300756

For all new projects please enter the MPO ID from Appendix A of the Connections 2040 Metropolitan Transportation Plan (use link below):

249

[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

Construction/Implementation

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: \$1,798,221 (\$1.5M in federal and \$298,221 in match)

Other:

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

Scoping / Environmental: PE & Design:
Utilities: Right of Way:
Construction / Implementation: 2026
Other:

Route Name

Montgomery/Montano within City limits

Does your project have additional routes? (ie: intersection improvements or work on two parallel facilities). If so, please fill out additional information below.

No

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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, a greater 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.**

Montgomery/Montano is one of a few river crossings and is a critical link in east/west travel. Implementation of ASTPM will improve the reliability and predictability of travel time of all on-street transportation modes by increasing operation efficiency. ASTPM also allows for traffic control via the RTMC in the event of an emergency incident

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

Improves congestion for all modes using the roadway

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?

Upgrades and implements new ASTPM on a critical river crossing

[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

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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.**

Improved traffic flow aides in stabilizing speed limits by timing signals and their reliability. Bike and ped detection will also be provided in an effort to reduce serious injuries

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.

ITS is a component of Complete Streets strategies

[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.

Montgomery/Montano is one of only a few river crossings in the metropolitan area

Active Transportation Strategies

Multiple options available. Please adequately describe Other option.

Pedestrian and Bicycle Strategies

Signalization improvements specifically for pedestrians or bicyclists

Way-finding enhancements for bicyclists or pedestrians

Improves river crossing for pedestrian / bicyclists

Geometric Safety Strategies

Uses an FHWA identified roadway countermeasure

(indicate type in Other)

Signage - crossing signs, variable message signs

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

ASTPM

[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 project is currently partially funded for construction and scoping for design in currently in progress. The project is not expected to require additional rights of way

***How does this project or program improve upon existing freight networks or provide access to international trade markets?**

Improves reliability of a river crossing that carries freight in certain areas within the corridor

How will this project spur economic development? Will the project support local businesses and/or permanent job creation?

N/A

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

ASTPM measures

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?**

ASTPM promotes reduced emissions from idling cars in peak hour

***How does this project or program maintain or improve the existing infrastructure? Does the project or program improve a bridge that is failing, or is the project first and foremost focused on preservation of existing infrastructure that is deteriorating?**

Upgrades ITS equipment and implements new technology on a major river crossing

Does the project or program improve critical infrastructure in the region? Please indicate how the project or program is CRITICAL to emergency evacuation or overall network function.

Montgomery is a critical river crossing allowing east west movements in the city/county. Once the new technology is implemented the facility will be connected to the RTMC where emergency operations are conducted in the event of an incident

Environmental Resiliency Strategies

Multiple options available. Please adequately describe Other option.

Preservation Strategies

Safety features added to existing infrastructure including lighting and signals

Upgrades to existing ITS infrastructure

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?

This river crossing is used by transportation modes traveling within and to underserved communities with no negative consequences. Efficient operations contribute to improved air quality in these areas

**Equity / Vulnerable Communities
Strategies**

Improves access to senior centers and/or assisted living facilities

Improves access to medical and health facilities