



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 NM 500 Rio Bravo Bridge Replacement

Lead Agency NMDOT

Agency Contact Jill Mosher

Phone Number (505) 553-5174

E-mail jill.mosher@dot.nm.gov

Project Type

Highway / Bridge Preservation

Scope of Work / Project Description:

Replace poor rated bridges for a critical river crossing in the underserved and historically disadvantage communities in the South Valley.

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: 8.1

If NO, please indicate the Control Number: A301001

[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: 92,000,000

Other:

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

Scoping / Environmental: 2020

PE & Design: 2022

Utilities: 2023

Right of Way: 2023

Construction / Implementation: 2025-2026

Other:

Route Name NM 500

Route Beginning (southern/western or Mile Point) Isleta Blvd

Route Ending (northern/eastern or Mile Point) 2nd St

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

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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.**

The prime purpose of this project is to replace structurally deficient bridges. Since the bridges are being replaced, they will be widened to accommodate another lane in each direction, increasing capacity at a critical river crossing from 4 lanes to 6 lanes. This also will alleviate congestion at other river crossings and increase resiliency from having to add another river crossing

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

adding an additional lane in each direction for the bridge and will tie into the adjacent Bernalillo County project to expand the capacity on NM 500 from Isleta to the I25 Interchange. This is also a freight corridor and will increase freight reliability. Currently the sidewalk on the south side of the bridge is insufficient width. Pedestrian/Bicycle facilities will be improved on the north and south side of the bridge.

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?

NMDOT Statewide TMC(cameras, message boards)
Albuquerque Regional TMC
Bernalillo County ITS field equip

[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

Roadway Capacity Strategies

Off-street multi-use trails

On-street bicycle treatments

Intersection turn lanes

New travel lanes (general purpose)

Transit Strategies

Project developed in coordination with transit providers

New bus shelter

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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.**

Project may increase safety by adding capacity. This project coupled with the adjacent Bernalillo County projects will complete a needed upgrade for capacity along the corridor (from Isleta Blvd to the I25 interchange). A signal warrant will also be completed at NM 500/Poco Loco/Dean Dr.

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.

Project will add bicycle lanes in both directions, sidewalk will be added in both directions, access from the bridge to the recreational trails in the bosque will be added. This is an existing regional principal arterial.

While the project location indicates med/low on the PCI map, we heard during the project public meetings that the pedestrian and cycling proposed improvements were much needed and wanted.

Project location is also on the bike map for bike improvements which are in our proposed

improvements.

Ongoing coordination for transit needs in the area.

[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.

This project serves to improve overall network connectivity by increasing capacity at a critical river crossing and replaces deficient infrastructure that has limited redundancy in the metro area, we saw the negative impacts when this crossing had to be closed for a few weeks due to a failure at one of the piers. NM 500 serves as a regional corridor between a regional center and regional transit node.

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

Adding bicycle lanes (separated, buffered, and painted)

Adding / improving pedestrian crossing/crosswalk

Way-finding enhancements for bicyclists or pedestrians

Pedestrian scale lighting improvements

Widening sidewalks

Improves river crossing for pedestrian / bicyclists

completes gap sections in network

Geometric Safety Strategies

Paved shoulders / shoulder improvements

Signage - crossing signs, variable message signs

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

Widening sidewalks

[FHWA Countermeasures](#)

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?**

This project has been ongoing since advertisement in late 2019. Soon after RFP release for the project, the EB bridge had a failure that resulted in an emergency project and fix until it could be replaced. We are post 30% plan development and already held the value engineering session. This project will be ready to go to construction by the end of calendar year 2023. All this project needs to go is construction funding, being a regional corridor that benefits the underserved and historically disadvantaged communities in the South Valley.

Bernalillo County is providing local funds for lighting improvements on the project and the District has applied for a BIP grant.

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

this corridor is on the freight network. it is a regional connector corridor between a regional transit node and regional center.

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

This project may not directly spur economic development, but a failure at this river crossing would be catastrophic as we saw the negative impacts during the emergency project and the public outcry that ensued.

The bridges serve as a critical connection for the south valley to job centers, retail, commercial, and health and human services. We saw and heard what a burden the community endured when the bridge was closed for repairs.

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 industrial development

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

infill of multimodal gap and access to bosque

Financial Strategies

Helps facilitate development in areas with existing water, sewer, roadway and other infrastructure

adds capacity to limited river crossings

Freight Strategies

Improves access to Transfer center/distribution center / intermodal facility

Regional freight plan

Freight incident response plan

Logistical improvements - time of day designations/communications/coordination

Relieves freight bottleneck

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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?**

Adding capacity to an existing river crossing may help with other congested river crossings and public want of another river crossing. The additional capacity will improve commuter time to reduce sitting emissions. Coordinating with Env groups regarding silvery minnow and limiting environmental impacts and enhancing access to an open space/recreational bosque area. As always, storm water management is part of our improvements.

***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?**

Replaces poor rated, structurally deficient bridges - four of them. A cost/benefit analysis was completed during the study phase to see if there was any option to do heavy maintenance on the bridges and it showed the benefit of replacing was the correct investment of public dollars than to try to rehab a bridge that is at risk of failing.

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.

bridges form a critical connection for 1 of only 7 river crossings in Albuquerque, this being the one of most benefit for the southern reaches of the city and unincorporated Bernalillo county and underserved communities of the south Valley. This also forms a loop road connection from I25 to I40.

Environmental Resiliency Strategies

Multiple options available. Please adequately describe Other option.

Climate Change Strategies - Flooding, Wildfires, and Urban Heat

LED retrofits

Improves access to open space or parks

Provide, preserve, or enhance wildlife corridors and crossings

Protect or mitigate impacts on critical habitat

Increase inundation limits with more protection

Coordination with flood authorities

Additional shaded structures for pedestrians using built structure, including bus shelters

Preservation Strategies

Improvements to existing transit stations

Reconstruction, resurfacing, and pavement rehabilitation

Safety features added to existing infrastructure including lighting and signals

Upgrades to existing ITS infrastructure

Bridge improvements

Removal from deficient bridge list

Pedestrian and bicycle facility improvements on existing roadways or trails

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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?

Not doing the project and allowing the bridges to fall in to a state of disrepair would be a negative consequence.

This project is to replace poor rated bridges for the critical river crossing in the underserved and historically disadvantaged communities in the south valley. The bridge serves as a critical connection for the south valley to job centers, retail, commercial, and health/human services.

We saw and heard the public about what a burden it was when the bridge had to be closed for emergency repairs end of 2019/early 2020.

Equity / Vulnerable Communities Strategies

Improves multimodal access to an identified local activity center (in a land use plan)

Improves access to medical and health facilities

Improves access to food for underserved residents

Improves transit facilities for pedestrians or access to transit for pedestrians

Project outreach in multiple languages and for limited English proficiency