



# 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)
<b>Safety:</b> To achieve a significant reduction in traffic fatalities and serious injuries on all public roads.	Active Transportation, Optimized Mobility
<b>Infrastructure Condition:</b> To maintain the highway infrastructure asset system in a state of good repair.	Optimized Mobility
<b>Congestion Reduction:</b> To achieve a significant reduction in congestion on the National Highway System.	Optimized Mobility, Economic Linkages
<b>System Reliability:</b> To improve the efficiency of the surface transportation system.	Optimized Mobility, Active Transportation, Economic Linkages
<b>Freight Movement and Economic Vitality:</b> 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
<b>Environmental Sustainability:</b> To enhance the performance of the transportation system while protecting and enhancing the natural environment.	Environmental Resiliency
<b>Reduced Project Delivery Delays:</b> 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** 2nd St SW Reconstruction Ph. 2

**Lead Agency** Bernalillo County

**Agency Contact** Richard Meadows

**Phone Number** (505) 850-4496

**E-mail** rmeadows@bernco.gov

**Project Type**

Highway / Bridge Preservation

**Scope of Work / Project Description:**

Reconstruct two-lane major collector with storm drainage, GSI/LID, landscaping, lighting, and curb, gutter, and sidewalk on the west side (existing trail on the east side). Construct pedestrian bridge over the South Diversion Channel connecting the Bosque Trail on the north to the south side of the channel.

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

No

**If NO, please indicate the Control Number:**

A302181

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

N/A

[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: \$8,000,000

Other:

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

Scoping / Environmental:

PE & Design:

Utilities:

Right of Way:

Construction / Implementation: FFY 2026

Other:

**Route Name**

2nd St SW

**Route Beginning (southern/western or Mile Point)** South Diversion Channel

**Route Ending (northern/eastern or Mile Point)** Rio Bravo Blvd

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

Yes

**Additional Route Name** Pedestrian Bridge over S. Diversion Channel

**Additional Route Beginning (southern/western or Mile Point)** south side of channel

**Additional Route Ending (northern/eastern or Mile Point)** north side of channel, south end of Bosque Trail

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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 project improves reliable mobility for vehicles by reconstructing pavement and increasing its remaining surface life (RSL) of seven years. The project also improves reliable mobility for pedestrians, bicyclists, and transit users by improving these facilities.

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

While not on a congestion management corridor, the project reduces congestion by providing alternative modes of transportation for pedestrians, bicyclists, and transit users.

**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 project is not on an ITS corridor but it does connect to Rio Bravo Blvd which has ITS infrastructure.

[ITS Architecture Plan](#)

# Optimized Mobility Strategies

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

## Roadway Capacity Strategies

Off-street multi-use trails

## Transit Strategies

New bus shelter

New connection to park and ride or Rail Runner station

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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.**

The project was proposed in the County's Pedestrian and Bicyclist Safety Action Plan. The project includes traffic calming by reducing lane width.

It makes the roadway safer for pedestrian, bicyclists, and transit users including children walking to Mountain View Elementary and residents of Joy Junction homeless shelter. A pedestrian crossing is to be enhanced for safety near the school at the connection to the Chris Chavez trail.

**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 project follows LRTS guidance for major collectors by lowering speed, narrowing travel lanes, and providing pedestrian and bicycle facilities.

[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 project improves network connectivity to the Sunport Commerce Center and Railrunner Station at the north end. On the south end it improves connectivity to the Valle de Oro National Wildlife Refuge. It provides connectivity for pedestrians and bicyclists to the Mountain View Community Center and Mountain View Elementary School.

### 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 / improving pedestrian crossing/crosswalk

Traffic calming design features that benefit pedestrians / bicyclists

Widening sidewalks

### Geometric Safety Strategies

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

Traffic calming focused on vehicular speed reduction

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

Narrower travel lanes

Widening sidewalks

rectangular rapid flash beacon and speed table

### [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 has been designed so it is shovel ready for construction.

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

N/A

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

The project's multimodal facilities support development of Valle de Oro National Wildlife Refuge and related local outdoor recreation and tourism jobs and helps to transition the community away from a legacy of polluting industrial uses. The project includes landscaping that buffers the corridor from railroad. It also provides access to the Sunport Commerce Center on the north side of Rio Bravo Blvd. 2nd St SW is an emergency route for rail and truck hazardous spills and crashes.

# 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

Landscaping that improves the pedestrian experience

## Financial Strategies

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

Helps facilitate redevelopment of abandoned or dilapidated properties

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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 project includes pedestrian, bicycle, and transit facilities which reduces emissions. The project also includes green infrastructure and stormwater quality features such as bioswales. Street trees help to address effects of urban heat islands.

**\*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?**

Reconstruction of pavement will increase its remaining surface life (RSL), currently, seven years. The project includes storm drainage to reduce area flooding. The project includes corridor lighting and a pedestrian bridge to extend the Bosque Trail. The trail provides access to open space at the Valle de Oro National Wildlife Refuge and the Bosque.

**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.**

2nd St SW is the only route out of the Mountain View neighborhood if a freight train derailment and spill were to occur.

# Environmental Resiliency Strategies

Multiple options available. Please adequately describe Other option.

## Air Quality Strategies

Provides alternative travel option/s to single occupant vehicle

## Climate Change Strategies - Flooding, Wildfires, and Urban Heat

Improves access to open space or parks

Improve drainage facility for pedestrian access

Coordination with flood authorities

Additional shaded structures for pedestrians using tree canopy

## Preservation Strategies

Reconstruction, resurfacing, and pavement rehabilitation

Safety features added to existing infrastructure including lighting and signals

Bridge improvements

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 fo 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?

The project is located in an environmental justice and vulnerable community. The addition of multimodal facilities, traffic calming and a safe pedestrian crossing, and access to Mountain View Elementary School and Mountain View Community Center addresses equity.

## Equity / Vulnerable Communities Strategies

Improves access to senior centers and/or assisted living facilities

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

Provides or improves an alternative travel option to the

single occupancy vehicle

Improves transit facilities for pedestrians or access to transit for pedestrians

Improves access to education (Pre-K – University) for underserved residents