



# 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** Barcelona Rd SW Reconstruction

**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 a two-lane major collector with storm drains, curbs and gutters, and sidewalk on the north side. Includes traffic calming features and a pedestrian crossing at Isleta Drain Trail.

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

Yes

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

284.0 Barcelona Rd Reconstruction

[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: \$4,800,000

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**

Barcelona Rd SW

**Route Beginning (southern/western or Mile Point)**

Arenal Canal

**Route Ending (northern/eastern or Mile Point)**

Barcelona Cir

**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.**

The project improves reliable mobility for pedestrians and bicyclists by adding sidewalks and bike lanes and a safe crossing at the Isleta Drain Trail. Reconstructing the pavement will improve mobility for motor vehicles and preserve remaining surface life (RSL) of between 2 and 11 years.

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

While the project is not on a congested management corridor, it does connect to both Coors Blvd and Isleta Blvd which are congested. Adding pedestrian and bicycle facilities will improve connectivity in the network to reach destinations such as Navajo and Barcelona elementary schools.

**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 located on an ITS corridor but connects to both Coors Blvd and Isleta Blvd which are ITS corridors and have signals at each intersection which can be upgraded.

[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**

Travel signal equipment modernization

**Roadway Capacity Strategies**

On-street bicycle treatments

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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.**

Implements sidewalk, bike lanes, and a safe trail crossing project from the County's Bicyclist Safety Action Plan.

**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 is located on a major collector and follows LRTS guidance and the County's complete streets ordinance in terms of adding bike lanes and sidewalks on routes leading to schools.

[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 connects pedestrians and bicyclists to the surrounding network on Coors Blvd, Isleta Blvd, and the Isleta Drain Trail. It also connects pedestrians and bicyclists to Navajo and Barcelona elementary schools.

### 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

Traffic calming design features that benefit pedestrians / bicyclists

Widening sidewalks

#### Geometric Safety Strategies

Traffic calming focused on vehicular speed reduction

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?**

The project has already 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?**

Barcelona Rd connects to retail businesses at either end on Coors Blvd and Isleta Blvd. By adding pedestrian and bicycle facilities, residents will be able to walk and bike to nearby businesses or catch transit to activity centers further away. Construction of storm drainage infrastructure facilities new economic activity in the surrounding area. Barcelona Rd is an emergency route for two elementary schools.

#### 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

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

##### Financial Strategies

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

Project done in coordination with local school district

### 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 supports resiliency by including storm water infrastructure. It reduces emissions by providing sidewalks and bike lanes and a trail connection.

## **\*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?**

The project improves existing infrastructure by rehabilitating pavement thereby increasing remaining surface life (RSL) from 2 years at the west end, 7 years in the middle, and 11 years at the east end. A culvert at Isleta Drain will also be replaced as part of the trail project. Further, the project will construct storm drainage throughout.

## **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.**

Along with installing storm drainage infrastructure and improving non-motorized connectivity in the network, Barcelona Rd is designated an emergency school route by City of Albuquerque.

# Environmental Resiliency Strategies

Multiple options available. Please adequately describe Other option.

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

Provide, preserve, or enhance wildlife corridors and crossings

## **Preservation Strategies**

Reconstruction, resurfacing, and pavement rehabilitation

Bridge improvements

Pedestrian and bicycle facility improvements on existing roadways or trails

storm drainage 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 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?**

Barcelona Rd SW crosses a vulnerable and underserved neighborhood and enhances access for

pedestrians to nearby retail and transit on Coors Blvd and Isleta Blvd and to two elementary schools. The project constructs needed storm drainage infrastructure in an area with flooding.

**Equity / Vulnerable Communities Strategies**

Provides or improves an alternative travel option to the single occupancy vehicle

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