

December 6, 2011

Mark S. Tibbetts, MPO Officer
Santa Fe MPO
P.O. Box 909
Santa Fe, New Mexico 87504

Dear Mr. Tibbetts:


The New Mexico Department of Transportation (NMDOT) District 5 would like to request an Amendment to the Santa Fe MPO 2010 to 2035 Metropolitan Transportation Plan (MTP) in that the I-25 Canoncito Interchange M.P. 294 to M.P. 295.282 be added to the MTP for the following reasons.

1. The I-25 Bridge at the Interchange is structurally deficient and structurally obsolete and is in dire need of replacement.
2. The Interchange's Ramp Geometry does not meet current standards.
3. The I-25 Bridge Clearance does not meet current standards.

The project will need to be added to the Fiscally Constrained Project List and Amended into the TIP. I have included the Project Identification Form and ITS Project Checklist Form in order to initiate the TIP Amendment Process. The Project is currently in the FY 2012 to FY 2015 STIP for \$7,000,000.00 in FY 2013 and project development is underway.

The reason this request was not initiated earlier is that this project lies on the Santa MPO's extreme outer boundary and the District did not realize that it fell within the boundary until recently. We will insure that all future projects jurisdiction is confirmed prior to entering them into the STIP. Please consider this request and if you have any questions or require further information please contact Mr. Phil A. Gallegos, ADE – Engineering D5 at 505-476-4232.

Sincerely,



Miguel B. Gabaldon, Jr. P.E. District 5 Engineer

CC: Kathryn Bender, Deputy Secretary for Programs and Infrastructure
Claude Morelli, Planning
Phil A. Gallegos, Assistant District Engineer – Engineering D5
David D. Quintana, Technical Support Engineer D5

Susana Martinez
Governor

Alvin C. Dominguez, P.E.
Cabinet Secretary

Commissioners

Pete Rahn
Chairman
District 3

Debra Hicks
Vice Chairman
District 2

Dr. Kenneth White
Secretary
District 1

Ronald Schmeits
Commissioner
District 4

Butch Mathews
Commissioner
District 5

Jackson Gibson
Commissioner
District 6



Santa Fe Metropolitan Planning Organization

"Promoting Interconnected Transportation Options"



PROJECT IDENTIFICATION FORM (PIF)

INSTRUCTIONS: Please complete all sections thoroughly. Do not change the formatting or add/delete sections. See the end of this document for required distribution.

Date of Submittal: November 18, 2011 Initial PIF? Revised PIF?

Sponsoring Public Entity: NMDOT Project Name: **I-25 Canoncito Interchange**

County: Santa Fe US Congressional District: 3

NM House District: _____ NM Senate District: _____

Is this project in the STIP? Yes No _____ If "yes," year? 2011 2013 CN: 5100160 Project # 5100160

Is this project in the MPO TIP? Yes _____ No If "yes," year? _____

Contact Person: Phillip A. Gallegos, P.E. Assistant District Engineer - Engineering

Address: PO Box 4127 Santa Fe, New Mexico 87502

Phone: 505-476-4232 Fax: 505-827-9509 E-mail: Phillip.gallegos@state.nm.us

MPO: Santa Fe NMDOT District #: 5

In ICIP? Yes _____ No If "yes," year? _____ Priority number _____

In MTP? Yes _____ No Tribal Governments: On IRR inventory? Yes _____ No _____

PROJECT DESCRIPTION

Project Description and Purpose and Need

In the space below, please provide a narrative describing the Project and its Purpose and Need, i.e., the rationale behind the project (the space will expand as needed).

The I-25 Bridge at the Canoncito Interchange is in dire need of replacement as the structure is structurally deficient and structurally obsolete.

Project Type – check all that apply

Qualified (Classified) Road	<input checked="" type="checkbox"/>	State Highway System		Federal Highway System	<input checked="" type="checkbox"/>
Safety	<input checked="" type="checkbox"/>	Safe Routes to School		Enhancement	
Bridge	<input checked="" type="checkbox"/>	Transit Infrastructure		ADA Requirements	
Aviation Infrastructure		Study		Bicycle/Pedestrian	
ITS		Scenic Byway		Other (specify)	

Project Scope

Check all factors that apply to this project

New Roadway (specify # of lanes)				By-Pass		Interchange	X
Lane Expansion (specify # of lanes)				Widen shoulders		Intersection	
Rehabilitate bridge		Replace bridge	X	Expand bridge		Modern Roundabout	
Pavement replacement	X	Pavement rehabilitation		Drainage structures	X	Storm drains	
Sidewalks		Curb & gutter		Lighting		Utilities	X
Signalization		Base Course	X	Chip Seal		Bike lanes	
Pedestrian Facilities		Bus Stops		Pullouts		Access lanes	
Transit Capital Project		Frontage roads		Acquire Right-of-Way	X	Purchase land	
Aviation infrastructure (specify)							
Additional infrastructure (specify)				Others (list)			

Specific Roadway Project Information:

Route Number	Begin mile point	End mile point	Length (miles)	Estimated Total Project Cost in \$1,000s
I-25	294	295.282	1.282	7,000

Roadway FHWA Functional Classification (major rural collector, urban collector or above, or a bridge to qualify): Rural Interstate Bridge

Specific Cost Information:

Planning	Design	Construction	Other (specify)
	1,250,000.00	7,000,000.00	

Funding Sources

List all sources and amounts of funding committed for project. Local Government Agreement Unit (LGAU) requires this information to be able to obligate funding from FHWA for year two projects in the STIP.

Funding Source	Fund Type or Control Number	Amount/Value
City/County Funds		
Available Federal Fund(s)/Control Number(s)	NH, IM and BR	\$500K, \$750K, \$7 Mil
General Fund/Control Number(s)		
Severance Tax/Control Number(s)		
Local Government Road Fund(s)/Control Number(s)		
CAP/MAP/Control Number(s)		
Community Development Block Grants (CDBG)		
GRIP 2/Control Number		
Other (specify source)		
Total		\$8,250,000.00

PROJECT CERTIFICATIONS:

The certifications listed in this section are all required for federally funded projects. Enter specific information requested – do not leave any row blank.

PUBLIC INVOLVEMENT

Dates Completed OR

Dates Sessions Are Scheduled OR

Date Public Involvement Will Be Started
October 2011

RIGHT OF WAY

Date Completed OR

Expected Date of Completion OR

Expected Start Date
October 2011

DESIGN

Date Completed OR

Expected Date of Completion OR

Expected Start Date
September 2011

ENVIRONMENTAL CLEARANCES – NEPA Biological assessments to include: Threatened & Endangered Species, Surface Water Quality (Clean Water Act), Ground Water Quality, Wetlands, NPDES Permit, Noxious weeds, Air Quality Analysis, Noise Analysis and Hazardous Materials Analysis. 4-F properties.

Date Completed OR

Expected Date of Completion OR

Expected Start Date
October 2011

ARCHAEOLOGICAL CLEARANCES – NHPA Section 106 Cultural Resources Investigation to include: coordination with land management agencies and State Historic Preservation Officer; Cultural Properties Inventory (Buildings recorded); Traditional Cultural Property Inventory: Consult with appropriate Native American tribes. Tribal Historic Preservation Officer and State Historic Preservation Officer.

Date Completed OR

Expected Date of Completion OR

Expected Start Date
October 2011

UTILITY CLEARANCES

Date Completed OR

Expected Date of Completion OR

Expected Start Date
October 2011

RAIL CLEARANCES

Date Completed OR

Expected Date of Completion OR

Expected Start Date
October 2011

SYSTEMS ENGINEERING CLEARANCES

Date Completed OR

Expected Date of Completion OR

Expected Start Date
October 2011

PROJECT PLANNING FACTORS

Below are the Federally mandated planning factors for all transportation projects. Please check all that apply and provide a brief explanation of how the project addresses the factor (comment area will expand as needed).

<p>Economic Vitality</p>	<p>Interstate 25 is the major interstate between El Paso, Texas to Denver, Colorado which is a major commercial corridor and serves national economic interests.</p>
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Safety	The Canoncito Interchange Bridge is in dire need of replacement and the replacement will improve safety.
Security	I-25 is a STRANET Highway for National Security.
Accessibility & Mobility	The Canoncito Interchange provides access and mobility to all residents and tourists who visit the Glorieta Battlefield National Monument.
Environment	The reconstruction of the Canoncito Interchange will provide for better drainage and address wildlife crossing issues.
Integration & Connectivity	Interstate 25 is the major interstate between El Paso, Texas to Denver, Colorado which is a major commercial corridor and serves national economic interests.
System Management & Operation	Interstate 25 is the major interstate between El Paso, Texas to Denver, Colorado which is a major commercial corridor and serves national economic interests.
System Preservation	Interstate 25 is the major interstate between El Paso, Texas to Denver, Colorado which is a major commercial corridor and serves national economic interests.

REQUIRED DISTRIBUTION: Send completed electronic version to appropriate MPO, NMDOT District staff, and NMDOT Planning liaison.

Santa Fe MPO

Keith Wilson: kpwilson@santafenm.gov

NMDOT District #5

Phil Gallegos: phillip.gallegos@state.nm.us

NMDOT Planning Liaison

Claude Morelli: Claude.Morelli@state.nm.us

ITS Project Checklist – Systems Engineering Compliance

For All ITS Projects, a systems engineering checklist must be submitted to the Federal Highway Administration (FHWA) for review. Typically this form will be filled out by the ITS bureau to be submitted with the PS&E for ITS projects. If all requirements in this form can be identified at 30% design, the project is considered a “minor” ITS project and it is likely that systems engineering planning requirements have been met partly or in their entirety, otherwise the project is considered a “major” ITS project and a System Engineering Management Plan must be submitted to FHWA for approval – Note either way testing and validation will still need to occur during construction for both Major and Minor ITS projects. A guide for this checklist can be found at: <http://www.nmshtd.state.nm.us/main.asp?secid=11193>

Section 1 - Project Information by Applicant

Your Name, phone number, and Title Phil A. Gallegos	Project contact **if this is not you
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Do Not
Fill out

NSE []
Maj []
Min []

Project Title
 I-25 Canoncito Interchange

Brief Description / Purpose of ITS project / including list of ITS elements
 ITS components if any will be determined during the ongoing study phase.

Non-Systems Engineering Project (NSE) Yes No (see below)
 If your project does not include any ITS devices, or only devices listed below, then the project is **NSE** –stop after Section 1.
 Signal controller upgrades, Signal re-timing / Coordination, Stand alone ITS devices that do not / will never communicate *projects with Fiber or Conduit only are not considered ITS projects.

New Project or Modification
 Is project currently programmed for planning and/or implementation, or a result of a Corridor study?

CMP; Project ID # _____
 MTP; Project ID # _____
 TIP; Project ID # _____
 Corridor Study; Project ID # _____
 ITS Architecture Project # _____

Project location	Estimated Project Dates Start Date _____ End Date _____	Total Funds <input type="checkbox"/> State <input type="checkbox"/> Fed <input type="checkbox"/> Other <input type="checkbox"/> local Amount \$ _____
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Nature of Work

Software Development Implementation of ITS Traditional construction with ITS
 Operations (HELP Trucks) Maintenance (Equipment Replacement) Other
 If Other Explain: _____

Relationship to Other Projects and Phases

Section 2 - MPO and or Planning Data

What issues are the ITS elements intended to address?

Portions of the Regional ITS Architecture being implemented *check service corresponding to the ITS architecture used (stakeholder role and responsibilities table)

- | | |
|---|--|
| <input type="checkbox"/> Archived Data Management | <input type="checkbox"/> Public Transportation |
| <input type="checkbox"/> Traveler Information | <input type="checkbox"/> Traffic Management |
| <input type="checkbox"/> Vehicle Safety | <input type="checkbox"/> Commercial Vehicle Operations |
| <input type="checkbox"/> Emergency Management | <input type="checkbox"/> Maintenance and Construction Management |
| <input type="checkbox"/> Traffic Signal Control | <input type="checkbox"/> Highway management |
| <input type="checkbox"/> Incident Management | <input type="checkbox"/> Transit Management |

Market Packages –Attach all applicable market packages from Turbo or Online Architecture

Regional Architectures impacted by the project

- NM Statewide Albuquerque Farmington Las Cruces Santa Fe
 El Paso, TX Other:

Changes recommended to Regional Architectures due to the project

- No Yes

If Yes Provide Detail:

Party / Agency responsible for maintenance and funding source

List any Agreements utilized or needed for this project Existing:

Potential agreements identified for the project:

Section 3 - Project Implementation and Design

Procurement Methods (should correspond with project risk) *Check all that apply
Commodity Supplier – off-the-shelf ITS products (low-bid selection of pre-qualified packages) **Low Bid Contractor with CD** – typical for construction projects (low bid contractor) **Systems Manager** – manager responsible for delivering operational system (quality based selection) **Design Build** –major projects with construction (best value selection) **Consultant** – supplement in-house capabilities or consultant / manager selection (qualifications based) **Outsourcing** – for a capability or function rather than a specific system (best value or low bid) <http://www.citeconsortium.org/Model/index.htm>

- Commodity Supplier Low Bid Contractor with Consultant Design
 Systems Manager Design Build Consultant Outsourcing Other

Comments: _____

Project Matrix – Documentation **If “Existing” attach to checklist or make available
 The matrix below should be completed by an engineer familiar with the SE on past projects. *note some projects have multiple ITS elements only some of which will have the required documentation, please check all that apply to the project.

Existing – documentation is available from previous projects which would apply to the current project without modification (for typical deployments, i.e. DMS signs) * if this is chosen incorrectly the project could be held up at a later date

To be Modified - documentation is available from previous projects which would apply to the current project after some modification (could be due to a policy change, new communication standard or new jurisdiction involvement on a typical deployment), please note the required changes

To be Completed - this is for new or new to the agency projects. Indicates a “Major” ITS project and that a systems engineering management plan is required

Not Applicable – In some instance an off the shelf project may be used, in this case testing may have been done by the supplier. Please note why the requirement is not applicable to the project

	Existing	To be Modified	To be Completed	Not Applicable	Comments:
High Level Design Alternatives Analysis	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
Concept of Operations	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
Detailed design	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
Integration Plan	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
Test Plan	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
System Acceptance Plan	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	

NMDOT Approval: _____ / / _____
Print Name Signature Date