



Santa Fe Metropolitan Planning Organization

"Promoting Interconnected Transportation Options"



Santa Fe MPO Technical Coordinating Committee

Monday, August 21, 2017

1:30 P.M.

*City of Santa Fe Offices @ Market Station
500 Market Street, Suite 200, Santa Fe, NM*

(Map: <http://tinyurl.com/l6kejeq>)

AGENDA

CITY CLERK'S OFFICE

DATE 8/16/17 TIME 4:45

SERVED BY Mark Tibbitts

RECEIVED BY [Signature]

- ◆ Call to Order
- ◆ Roll Call
- ◆ Approval of Agenda
- ◆ Approval of Meeting Minutes from July 24, 2017

1. Communications from the Public

2. Items for Discussion and Possible Action:

- a. Review and Recommendation for a Proposed Amendment to the FFYs 2018-2023 Transportation Improvement Program – *MPO Staff*
- b. FFY2018 Safety Targets for New Mexico – *NMDOT, MPO Staff*
- c. Freight Planning Update - Paul Sittig, NMDOT
- d. Update on Transportation Improvement Program Projects – *MPO Staff*

3. Matters from the MPO Staff

4. Matters from TCC Members

5. Adjourn - Next TCC Meeting: *Monday, September 25, 2017*

Persons with disabilities in need of accommodations, contact the City Clerk's office at 955-6520, five (5) working days prior to the meeting date.

**SUMMARY OF ACTION
SANTA FE MPO TECHNICAL COORDINATING COMMITTEE
CITY OF SANTA FE OFFICES @ MARKET STATION
500 MARKET STREET, SUITE 200
MONDAY, JULY 24, 2017, 1:30 PM**

<u>ITEM</u>	<u>ACTION</u>	<u>PAGE</u>
CALL TO ORDER		1
ROLL CALL	QUORUM	1
APPROVAL OF AGENDA	APPROVED	2
APPROVAL OF MINUTES	APPROVED	2
COMMUNICATIONS FROM THE PUBLIC	NONE	2
<u>ITEMS FOR DISCUSSION AND POSSIBLE ACTION</u>		
REVIEW AND RELEASE FOR PUBLIC REVIEW OF A PROPOSED AMENDMENT TO THE FFYS 2018-2023 TRANSPORTATION IMPROVEMENT PROGRAM	APPROVED	2-3
STATE RAIL PLAN DEVELOPMENT PROCESS	INFORMATION/DISCUSSION	3-4
UPDATE ON TRANSPORTATION IMPROVEMENT PROGRAM PROJECTS	INFORMATION/DISCUSSION	4-6
MATTERS FROM MPO STAFF	INFORMATION/DISCUSSION	6
MATTERS FROM TCC MEMBERS	NONE	6
NEXT MEETING	AUGUST 21, 2017	6

ADJOURN

ADJOURNED

6

**SANTA FE MPO TECHNICAL COORDINATING COMMITTEE
CITY OF SANTA FE OFFICES @ MARKET STATION
500 MARKET STREET, SUITE 200
MONDAY, JULY 24, 2017, 1:30 PM**

1. CALL TO ORDER

The meeting of the Santa Fe MPO Technical Coordinating Committee was called to order at 1:30 pm by John Romero, Chair, on Monday, July 24, 2017, at the City of Santa Fe Offices @ Market Station, 500 Market Street, Suite 200, Santa Fe, New Mexico.

2. ROLL CALL

MEMBERS PRESENT

John Romero, Chair
James Martinez, City of Santa Fe
Stephen Lopez, NMDOT
Diego Gomez, Santa Fe County
Anthony Mortillaro, NNMRTD
Richard Macpherson, City of Santa Fe
Paul Cavanagh, Santa Fe County
Erik Aaboe, Santa Fe County
Edward Escudero, Pueblo of Teseque
Thomas Martinez, Santa Fe Trails

MEMBERS ABSENT

Dave Quintana, City of Santa Fe, Excused
Ray Matthew, Santa Fe County, Excused

OTHERS PRESENT

Mark Tibbetts, MPO Officer
Eric Aune, MPO Transportation Planner
Lisa Martinez, City of Santa Fe, Land Use
David Nelson, NMDOT
Bill Craven, NMDOT
David Harris, NMDOT
Elizabeth Martin, Stenographer

3. APPROVAL OF AGENDA

MOTION A motion was made by Mr. Aaboe, seconded by Mr. Lopez, to approve the agenda as presented.

VOTE The motion passed unanimously by voice vote.

4. APPROVAL OF MINUTES

MOTION A motion was made by Mr. Martinez, seconded by Mr. Lopez, to approve the minutes as presented.

VOTE The motion passed unanimously by voice vote.

5. COMMUNICATIONS FROM THE PUBLIC

None.

6. ITEMS FOR DISCUSSION AND POSSIBLE ACTION

A. REVIEW AND RELEASE FOR PUBLIC REVIEW OF A PROPOSED AMENDMENT TO THE FFYS 2018-2023 TRANSPORTATION IMPROVEMENT PROGRAM

Mr. Aune reviewed the item in the packet regarding the amendment and said that Mr. Lopez from DOT will explain the changes to S100 250.

Mr. Lopez said the District has \$10 million programed for 1-25 between 265 and 272 and other projects identified. One is slope mitigation on south bound I-25 on La Bajada. We are now doing a geotechnical investigation on that to determine the reasons for the issue. We hope to have the scope and estimate for that project a year from now. We also have deficiencies at the La Cienega interchange. We want to complete those 2 before we do the pavement restoration.

Mr. Aune said to clarify, I-25 is within the MPO boundary, La Bajada is not.

Mr. Lopez said this will be a subproject out of the control number.

Mr. Aaboe said on S100-250 this changed from \$16 million to \$9.1 million. La Cienega is the \$7 million being taken out. How much is going to La Cienega and how much to La Bajada

Mr. Lopez said La Bajada is between \$7 million and \$8 million. There are several options and we have not decided which to do at this point. The La Cienega ramp

extension is \$2 million. We are still balancing the STIP for money originally needed for the pavement project.

Mr. Aaboe asked the La Cienega bridge preservation is a separate project.

Mr. Lopez said yes.

Mr. Aaboe asked when is La Cienega included in this.

Mr. Lopez said between 20 to 24.

Chair Romero said for this \$9.1 million the thought was that it was for La Cienega and La Bajada. So this is for pavement and presentation.

Mr. Lopez said yes. We are still working on the scope on both.

Chair Romero asked what do they have to do with this amendment.

Mr. Lopez said we have to delay the pavement project to do those first and balance out to meet other projects needed within that year.

MOTION A motion was made by Mr. Martinez, seconded by Mr. Macpherson, to approve the amendment to release for public review.

VOTE The motion passed unanimously by voice vote.

B. STATE RAIL PLAN DEVELOPMENT PROCESS

Mr. Nelson made a presentation which is herewith attached to these minutes as Exhibit "1".

Mr. Lopez asked does the plan have a process where local governments can apply for funds when they have a problem crossing.

Mr. Nelson said funds that come through us for that go through the Section 130 program. It is an ongoing thing. We have a process internally to prioritize and where funds can come from.

Mr. Mortillaro asked does the current plan identify the current maintenance backlog for rail systems in the State of New Mexico.

Mr. Nelson said there are descriptions in the plan. If they are done they will fall

off then new things come in. If you don't see something there that is important contact us.

Mr. Mortillaro asked does it quantify them statewide.

Mr. Craven said most of the railroads in the State are private railroads. They don't generally share that detailed information with us unless it is something really large. On the Rio Metro line, that we own, they do a much better job of letting us know about priorities.

Mr. Mortillaro asked does Amtrak run on private lines.

Mr. Craven said mostly. They run 80 miles on our track.

Mr. Mortillaro asked they are also able to apply for funds for deficiencies.

Mr. Craven said yes, the railroad can apply, States and others as well, for work on the railroad themselves. Facilities are a bit different, but could be considered under certain circumstances.

Mr. Mortillaro said several years ago there was discussion about a high speed rail from Denver to El Paso. Does this plan touch on that.

Mr. Craven said the last plan did. We put in a request in 2010 or 2009 for funding for a study on that. It was turned down. No further study is being done on it at this time.

Mr. Aaboe said he was wondering, looking at your vision statement it seems to be passenger focused when it appears the network is freight focused. Is the focus on passengers intentional.

Mr. Nelson said it is not intention to focus on either. We try to be balanced.

Mr. Aaboe said you may want to look at that.

Chair Romero thanked Mr. Nelson.

C. UPDATE ON TRANSPORTATION IMPROVEMENT PROGRAM PROJECTS

Mr. Aune said the project summary is in your packet. He will give some general updates and a few to clear off the list

- S100270 Mr. Aune said the project is closed out and we would like to remove it. Mr. Martinez said remove it.
- S100480 Mr. Aune said the project is completed. Mr. Gomez said remove it.
- S100281 Mr. Aune said the project is complete. Chair Romero said remove it.
- S100282 Mr. Aune said the project is complete. Mr. Aaboe said remove it.
- S100460 Chair Romero reported that this project is going to Public Works today and Council on Wednesday for approval of the design contract

Mr. Aune said the MPO has put out an RFQ to contract with the Community College Film School to do a documentary on that project.

Mr. Aaboe said the County has gotten notice of an intended award from DOT for TAP projects. It is for the next segment on the Rail Trail and the Arroyo Hondo Trail. What is the process for informing you. The letter indicates getting the awards.

Mr. Aune said at the last TCC meeting he talked to Keith about that and he said the trigger is the award letter.

Chair Romero said you have to submit your request for funding agreement (ARF) form and that triggers the DOT.

Mr. Craven said on project S100440 the design is for several projects combined in that.

Mr. Lopez said there are 3 separate projects included. 440 is the St. Frances/St. Michales interchange, 340 is the ADA project and lighting improvements between the hospital and Cerrillos and 470 is the Rail Trail underpass. The funding is all combined.

Mr. Craven asked when is the design being funded.

Mr. Lopez said the design for the first phase is FY 19. We want to complete the Rail Trail underpass with a separate design.

Mr. Craven said it looks like they are all showing up in FY 19.

Mr. Lopez said they will be phased in.

Chair Romero asked should all those projects be consolidated under one control number.

Mr. Tibbetts said yes.

7. MATTERS FROM MPO STAFF

Mr. Aune said he attended the Rio Grande Trail Commission public hearing last week. They are tasked by the Governor, through Legislation, to plan for a 500 mile trail from Colorado to Texas via the Rio Grande. That group has some funding available to hire a consulting firm. The intention of this Commission is to engage the County of Santa Fe directly and the City of Santa Fe as to the intentions of the project. He suggested that they come to you all and the MPO regarding the implications. He was impressed with the 50 people there and the excitement around it. It is a long term, challenging project but it is happening. If your desire to have more information about this he can invite the representatives to speak to the MPO TCC meeting.

8. MATTERS FROM TCC MEMBERS

None.

9. NEXT MEETING

August 21, 2017.

10. ADJOURN

There being no further business to come before the Committee, the meeting adjourned at 2:30 pm.

John Romero, Chair

Elizabeth Martin, Stenographer

**PROPOSED DRAFT AMENDMENT TO THE
TRANSPORTATION IMPROVEMENT PROGRAM
Federal Fiscal Years 2018–2023**

**PUBLIC COMMENT PERIOD: 08/02/17 – 08/16/17
TCC Review and Recommendation: 08/21/17
TPB Public Hearing and Action: 08/24/17**

PROPOSED CHANGES TO EXISTING PROJECTS

**S100250 – Interstate Pavement Preservation. Milemarker 264 to
Milemarker 276 [NMDOT Lead]**

- FFY2020 Funding moved to FFY2022 and reduced from \$6,000,000 to \$5,116,193

Justification:

\$4,000,000 remains programed in FFY2021. Funding moved from FFY2020 to FFY2022 to accommodate the completion of other projects on this section of the interstate. The reduction in funding in the amount of \$883,807 is to meet fiscal constraints within the NMDOT District.

The Public Comment Period ran from **August 2, 2017 through August 16, 2017**. During that period no Public Comments were received.

The MPO [Technical Coordinating Committee](#) will review submitted public comment and make a recommendation on the proposed amendment at their next meeting on August 21, 2017 and the MPO [Transportation Policy Board](#) will hold a Public Hearing on the proposed amendment at their meeting on August 24, 2017

The Santa Fe MPO's public participation process satisfies the public participation process for the Santa Fe Trails' Program of Projects.

FFY2018-2023 Transportation Improvement Program Summary

PENDING FHWA/FTA APPROVAL**ROADWAY PROJECTS**

Page	STIP CN	Project	PROGRAMMED FUNDS					INFORMATIONAL YEARS	
			FFY2018	FFY2019	FFY2020	FFY2021	4yr Total	FFY2022	FFY2023
1	S100121	NE Connector (I-25 Frontage Rd) from Richards to St Francis Dr	\$ 3,232,644	\$ -	\$ -	\$ -	\$3,232,644	\$ -	\$ -
2	S100122	SE Connector from NE Connector to Richards Ave	\$ 5,790,000	\$ -	\$ -	\$ -	\$5,790,000	\$ -	\$ -
3	S100250	Interstate Pavement Preservation	\$ -	\$ -	\$ 6,000,000	\$ 4,000,000	\$10,000,000	\$ 5,116,193	\$ -
Project funding moved to accommodate other I-25 Projects still being scoped. Funding reduced by \$800k to bring into Fiscal Constraints									
4	S100370	Agua Fria St/Cottonwood Drive Intersection Safety	\$ 1,000,000	\$ -	\$ -	\$ -	\$0	\$ -	\$ -
5	S100430	NM599/US84-285 Ramp Modification	\$ 800,000	\$ -	\$ -	\$ -	\$0	\$ -	\$ -
6	S100440	St Michaels Drive Corridor Improvements	\$ -	\$ 3,458,629	\$ 5,500,000	\$ 5,802,406	\$14,761,035	\$ 5,500,000	\$ -
7	S100460	Guadalupe Street Reconstruction "Road Diet"	\$ -	\$ 3,625,000	\$ -	\$ -	\$3,625,000	\$ -	\$ -
8	S100520	I-25 Pavement Preservation – M.P. 290 - 294 (Eldorado to Canoncito IC)	\$ 7,150,000	\$ -	\$ -	\$ -	\$7,150,000	\$ -	\$ -
9	S100540	Bridge Preventative Maintenance on I-25/La Cienega (#9423) and NM466/US84/285 (#7366)	\$ -	\$ 450,000	\$ -	\$ -	\$450,000	\$ -	\$ -
		TOTALS	\$ 17,972,644	\$ 7,533,629	\$ 11,500,000	\$ 5,802,406	\$ 35,008,679	\$ 10,616,193	\$ -

TRANSIT & RAIL PROJECTS

Page	STIP CN	Project	PROGRAMMED FUNDS					INFORMATIONAL YEARS	
			FFY2018	FFY2019	FFY2020	FFY2021	4yr Total	FFY2022	FFY2023
10-15	TS00026 - TS00031	Santa Fe Trails: FTA Ridefinders Funding	\$ 84,004	\$ 84,004	\$ 84,004	\$ 84,004	\$ 336,016	\$ 84,004	\$ 84,004
16-21	TS00084 - TS00089	Santa Fe Trails: FTA Section 5339 Bus and Facilities	\$ 203,500	\$ 203,500	\$ 203,500	\$ 203,500	\$ 814,000	\$ 203,500	\$ 203,500
22	TS00100	Santa Fe Trails: FTA Section 5307 & 5340	\$ 7,982,361	\$ 7,982,361	\$ 7,982,361	\$ 7,982,361	\$ 31,929,444	\$ 7,982,361	\$ 7,982,361
23	S100510	Installation of Rail Crossing Lights & Gates at Alta Vista St Crossing For Rail Trail	\$ 20,000	\$ -	\$ -	\$ -	\$ 20,000	\$ -	\$ -
24	TS00120	NCRTD: FTA Section 5307 Funding	\$ 210,888	\$ 210,888	\$ 210,888	\$ 210,888	\$ 843,552	\$ 210,888	\$ 210,888
25	S100530	Installation of Rail Crossing Lights & Gates at CR51, BNSF Crossing # 013721M – Canoncito	\$ 250,000	\$ -	\$ -	\$ -	\$ 250,000	\$ -	\$ -
		TOTALS	\$ 8,750,753	\$ 8,480,753	\$ 8,480,753	\$ 8,480,753	\$ 34,193,012	\$ 8,480,753	\$ 8,480,753

NON MOTORIZED PROJECTS

Page	STIP CN	Project	PROGRAMMED FUNDS					INFORMATIONAL YEARS	
			FFY2018	FFY2019	FFY2020	FFY2021	4yr Total	FFY2022	FFY2023
26	S100550	Santa Fe Rail Trail - Segment 5	\$ 455,363	\$ -	\$ -	\$ -	\$455,363	\$ -	\$ -
27	S100560	Arroyo Hondo Trail - Phase 4	\$ 1,450,000	\$ -	\$ -	\$ -	\$1,450,000	\$ -	\$ -
		TOTALS	\$ 1,905,363	\$ -	\$ -	\$ -	\$1,905,363	\$ -	\$ -

FFY - Federal Fiscal Year [e.g. FFY2018 = October 1, 2017 - September 30, 2018]

Federal Fiscal Year 2018 Safety Targets

This document outlines the Federal Fiscal Year (FFY) 2018 Safety Targets for New Mexico, as required by the 23 CFR 490, Final Rule on the Highway Safety Improvement Program (HSIP) published March 15, 2016 (effective April 14, 2017). The state is required to set annual targets for five performance measures:

1. Number of Fatalities
2. Rate of Fatalities per 100 million vehicle miles travelled (VMT)
3. Number of Serious Injuries
4. Rate of Serious Injuries per 100 million VMT
5. Number of Non-motorized Fatalities and Serious Injuries

The first three are common measures and must be identical to the targets established for the Highway Safety Program (HSP).

The NMDOT undertook a coordinated effort with the Metropolitan Planning Organizations (MPOs) and other stakeholders to set the targets.

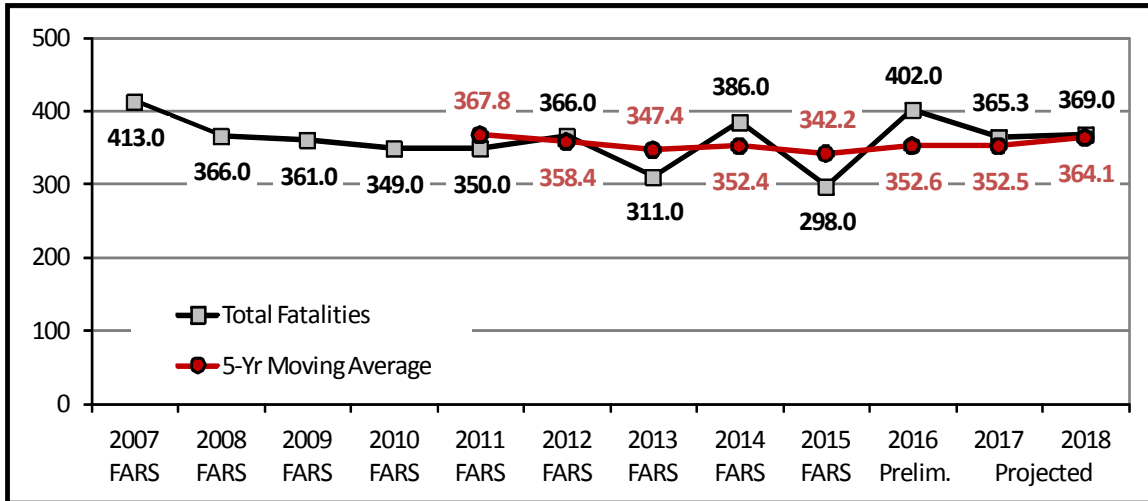
1. Numerous internal meetings took place in winter of 2016/2017 between the NMDOT Planning and Traffic Safety Bureaus to review and analyze crash data and trends. NMDOT contracts with the University of New Mexico (UNM) to maintain the state's crash database.
2. With assistance from the Federal Highway Administration (FHWA), the NMDOT conducted a Safety Target Workshop with the MPOs on April 5, 2017. The attendees reviewed the crash data and trends as well as the federal requirements for target setting.
3. On April 6, 2017, the MPOs held a quarterly meeting at which the MPO planners agreed to following the state's safety targets, rather than setting their own targets. The MPOs agreed to follow up with their Policy Boards/Committees regarding resolutions adopting the state's targets, when final guidance is available from FHWA.
4. On May 16, 2017, the NMDOT Traffic Safety Bureau held a meeting to discuss and adopt the targets required in the HSP. NMDOT Planning Bureau staff and MPO representatives attended.
5. NMDOT Planning Bureau held a follow up meeting with the MPOs on June 30, 2017 to review the final targets.
6. NMDOT Planning Bureau also followed up with Rodolfo Monge-Oviedo of FHWA-NM regarding guidance on how the MPOs should adopt the NMDOT targets. The guidance from FHWA-NM is that the MPOs should amend their Metropolitan Transportation Plans to state that they will follow NMDOT targets and provide a separate document outlining the targets (or linking to the state targets), which is updated annually.
7. A draft of this summary was circulated to the MPOs for comments June 30 to July 27, 2017. As NMDOT received no comments, the summary is considered final.

In setting the FFY2018 safety performance targets, NMDOT and stakeholders did not rely solely on the data projections, but used the data in combination with their discussions regarding other relevant factors and their assessment of the potential safety impacts of various strategies and projects. NMDOT worked with UNM to determine methodologies and assumptions required to set the targets. These are as follows:

- NMDOT uses Excel to plot a linear best fit line based on 5-years of actual data to project for future years.
- Vehicle Miles Travelled (VMT) - the Annual VMT estimate for 2016 uses the 2015 Daily VMT $(75,165,529.8 \text{ Daily VMT} * 1.021 * 365) / 1,000,000 = \mathbf{28,012 \text{ annual Million VMT for 2016}}$ where 75,165,529.8 is the 2015 Daily VMT.

- 1.021 is the 2.1% increase estimate for 2016 (per FHWA - https://www.fhwa.dot.gov/policyinformation/travel_monitoring/tvt.cfm)
- 365 is the number of days in a year
- 1,000,000 converts the units to millions
- Crash Data - 2015 is finalized, 2016 is preliminary.

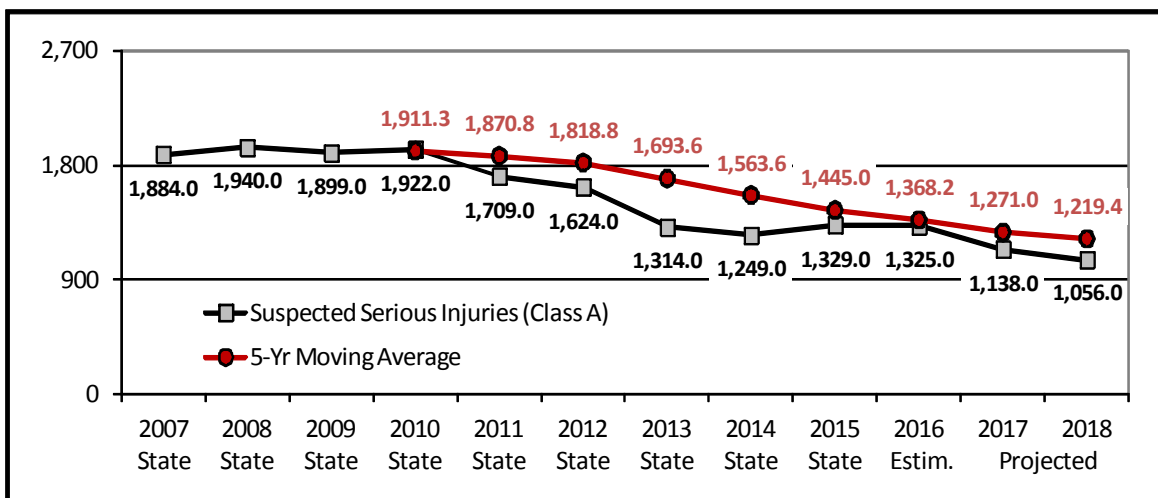
C1: Total Traffic Fatalities



NMDOT Target Statement: Limit the increase in total fatalities to 6.4 percent from 342.2 in 2015 to 364.1 by December 31, 2018 (FARS; 5-year averages)

NMDOT Justification: Five-year average fatalities fell by 7 percent between 2011 and 2015, but are expected to rise in 2016 based on preliminary data. January through May 2017 data show a slight decline from the first 5 months of 2016, but the May 2017 data are very preliminary and are expected to rise. The 5-year trend line indicates an increase of 6.4 percent from 2015 to 2018, and the State has determined this to be an achievable target for 2018.

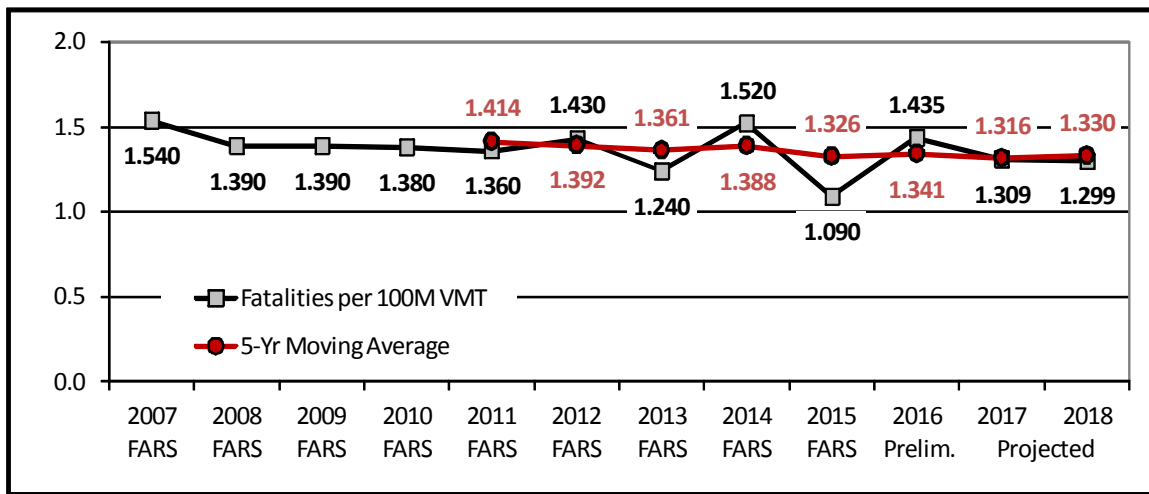
C2: Total Serious Injuries



NMDOT Target Statement: Decrease the number of serious injuries by 15.6 percent from 1,445.0 in 2015 to 1,219.4 by December 31, 2018.

NMDOT Justification: Five-year average serious injuries fell by 22.8 percent between 2011 and 2015. The State anticipates a continued reduction in serious injuries and considers the projected reduction to 1,219.4 an achievable target for 2018.

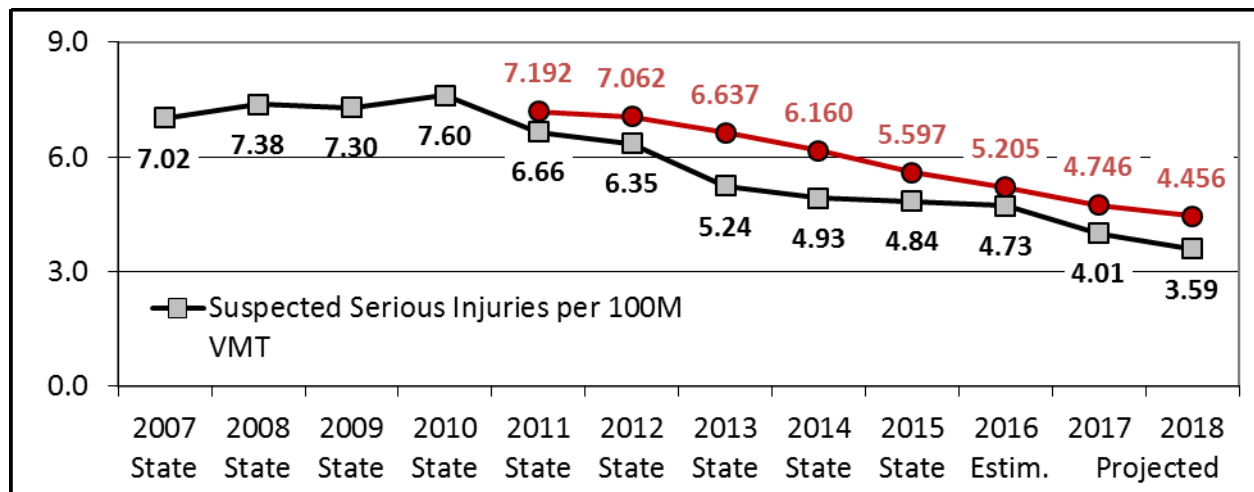
C3: Fatalities per 100M VMT



NMDOT Target Statement: Limit the increase in the fatality rate to .31 percent from 1.326 in 2015 to 1.330 by December 31, 2018.

NMDOT Justification: Although fatalities are expected to increase in 2018 from 2015, the State determines that the projected 2018 5-year fatality rate is an achievable target. Five-year average 2018 projections for urban and rural fatality rates are determined to be achievable targets.

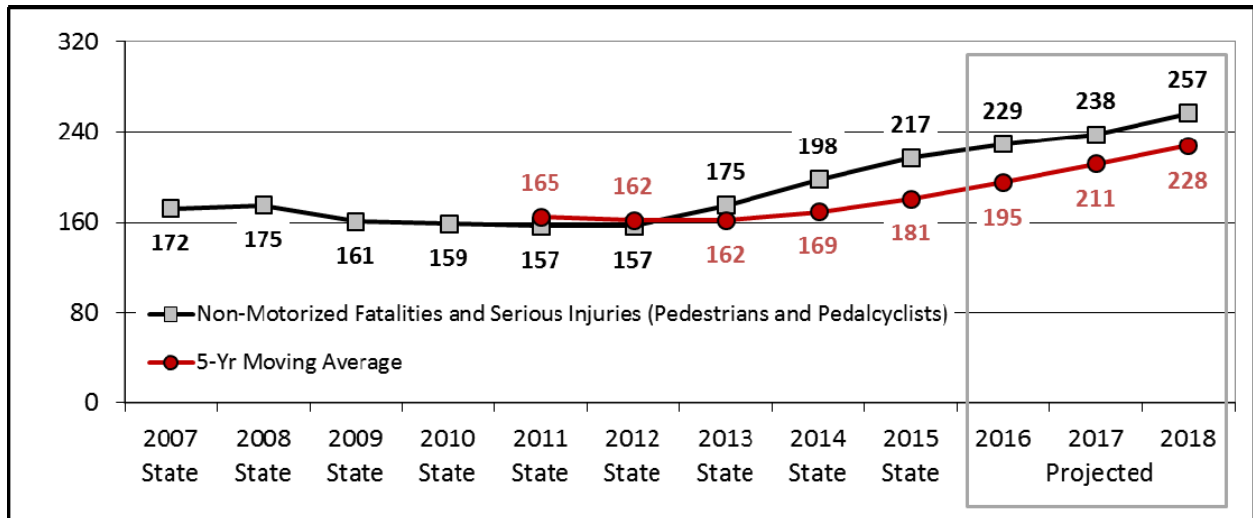
C4: Rate of Serious Injuries



NMDOT Target Statement: Decrease the rate of serious injuries from 5.597 in 2015 to 4.456 by December 31, 2018.

NMDOT Justification: Five-year serious injuries fell by 27.3% between 2011 and 2015. The State anticipates a continued reduction in serious injuries and considered the projected reduction to 3.59 an achievable target by 2018.

C5: Number of non-motorized fatalities and non-motorized serious injuries



NMDOT Target Statement: Limit the increase in non-motorized fatalities and non-motorized serious injuries to 228 by December 31, 2018.

NMDOT Justification: Although fatalities are expected to increase in 2018 from 2015, the State determined that the projected number of 228 non-motorized fatalities and serious injuries in 2018 is an achievable target.



NMDOT Freight Planning Update

Paul Sittig, Technical and Freight Planning

Santa Fe MPO Technical Coordinating Committee

August 21, 2017

MSO Railyard

What is freight?

- Trucks (road) – go almost everywhere, 1st & last mile
 - Different classes (5-13? 8-13?),
 - Full truck load and less than truckload (FTL/LTL),
 - Oversize/overweight (overdimensional) loads
- Rail – slow, bulk, regional support (~500 mile radius)
- Air – high value, critical deliveries
- Pipelines – bulk liquids
- Waterways – oceans, lakes, rivers; not in NM



FHWA Vehicle Classifications

1. Motorcycles
2 axles, 2 or 3 tires



2. Passenger Cars
2 axles, can have 1- or 2-axle trailers



3. Pickups, Panels, Vans
2 axles, 4-tire single units
Can have 1 or 2 axle trailers



4. Buses
2 or 3 axles, full length



5. Single Unit 2-Axle Trucks
2 axles, 6 tires (dual rear tires), single-unit



6. Single Unit 3-Axle Trucks
3 axles, single unit



7. Single Unit 4 or More-Axle Trucks
4 or more axles, single unit



8. Single Trailer 3- or 4-Axle Trucks
3 or 4 axles, single trailer



9. Single Trailer 5-Axle Trucks
5 axles, single trailer



10. Single Trailer 6 or More-Axle Trucks
6 or more axles, single trailer



11. Multi-Trailer 5 or Less-Axle Trucks
5 or less axles, multiple trailers



12. Multi-Trailer 6-Axle Trucks
6 axles, multiple trailers



13. Multi-Trailer 7 or More-Axle Trucks
7 or more axles, multiple trailers



Federal regulation history

Moving Ahead for Progress in the 21st Century (MAP-21)

- Signed into law on July 6, 2012
- Freight planning, coordination suggested, optional

Fixing America' Surface Transportation (FAST) Act

- Signed into law on Dec. 4, 2015
- Specific freight funding designated, but
- State freight requirements as of Dec. 4, 2017



Federal goals

National Multimodal Freight Policy and National Highway Freight Program include such goals as:

- Strengthen the National Multimodal and Highway Freight Networks
- Reduce congestion and improve productivity
- Improve safety, security, resiliency
- Maintain existing system
- Utilize innovative and advanced technologies



Freight requirements

1. State Freight Plan, with
 - A. At least five-year forecast period
 - B. Fiscally constrained
 - C. Include “freight investment plan”
 - D. Describe how the State will invest and match National Highway Freight Program funds
2. Address Freight Movements on Interstates
 - A. Performance measures required from MAP-21



Freight networks

1. National Highway Freight Network
 - A. Primary Highway Freight System (PHFS)
 - Mostly Interstate miles, but not only Interstate
 - B. Other Interstate portions not in PHFS
 - C. Critical Rural Freight Corridors (+20%)
 - D. Critical Urban Freight Corridors (+10%)
2. National Multimodal Freight Network
 - A. Performance measures required from MAP-21



National Highway Freight Network



Inset: NM National Multimodal Freight Network

Questions, comments

Contact:

Paul Sittig, Technical and Freight Planning Supervisor

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Office: (505) 827-3271

Email: Paul.Sittig@state.nm.us



Santa Fe MPO – Transportation Improvement Program (TIP) Project Status Summary

Control Number	Project Title/Description	Lead Agency	Project Cost/Funding	Status
ROADWAY PROJECTS				
S100070	NM599/Jaguar Drive Interchange & Ext of Jaguar Drive Construction of a New Interchange and connecting Roadways	NMDOT D5	\$9,593,000 100% Privately Funded [FFY2013]	INTERCHANGE CONSTRUCTION COMPLETE Construction of Jaguar Rd Ext Underway Currently Scheduled for Completion Spring 2017 Note: Interchange will not open until Jaguar Connection is completed
S100120	North-East/South-East Connectors Location Study Study following NMDOT Location Study Procedures. NE Connector from St Francis to Richards Ave. SE Connector from the NE Connector to eastern edge of Windmill Ridge Subdivision, also including extensions of College Dr., Avenida Del Sur and Sunshine Mesa	Santa Fe County	\$500,000 \$427,200 (Federal) \$72,800 (County) [FFY2012]	PHASE A/B report approved by NMDOT 6/5/17. PHASE C Environmental Report due for completion and submittal in December 2017.
S100121	North-East Connector (I-25 Frontage Road) - ROW Acquisition, Design and Construction of a New Section of Roadway and Upgrade of Existing Roadway	Santa Fe County/ NMDOT	\$3,651,644 \$ 225,000 (County) \$2,927,725 (Federal) \$ 498,919 (State) [FFY2016 & FFY2018]	Awaiting completion of S100120
S100122	South-East Connector – ROW Acquisition, Design and Construction of a New Roadway	Santa Fe County	\$6,775,000 \$6,775,000 (County) [FFY2016 & FFY2018]	Awaiting completion of S100120
S100130	Cerrillos Road Reconstruction Phase IIC Camino Carlos Rey to St Michaels Drive Design, ROW Acquisition and Reconstruction. Improvements include construction of an underground storm water drainage system and multi-modal facility upgrades for vehicles, pedestrians, transit and bicycle use.	City of Santa Fe	\$11,000,000 \$9,398,400 (Federal) \$1,601,600 (State) [FFY2013, FFY2014 & FFY2015]	Construction Started March 2016 Substantially Complete. Landscaping completed in January. Final paving will be completed around May 2017 Project Website: www.cerrillosroad.com
S100140	I-25 at Cerrillos Interchange Interchange Improvements, Bridge Replacement/Rehabilitation Diverging Diamond Interchange Preferred Alternative.	NMDOT D5	\$20,999,999 \$17,839,040 (Federal) \$3,160,959 (State) [FFY 2014 & 2015]	Construction started June 2015. Project Substantially Complete Ribbon Cutting held October 31, 2016 Temperature dependednt items remain and will be completed in Spring 2017. Project Website: www.santafeddi.com
S100160	I-25 at Canoncito Interchange Bridge Replacement, Drainage and on and off Ramp Improvements	NMDOT D5	\$8,400,000 \$7,176,960 (Federal) \$1,223,040 (State) [FFY2013]	INTERCHANGE CONSTRUCTION COMPLETE AND OPEN TO TRAFFIC
S100230	NM14 (Cerrillos Rd) ADA Study ADA Feasibility Study and ROW Acquisition	NMDOT D5	\$1,250,000 \$1,068,000 (Federal) \$ 182,000 (State) [FFY2018 & FFY2019]	FUNDED IN FFY2018 & 2019
S100250	Interstate Pavement Preservation Pavement Preservation at various location along Interstate 25 in the MPO Area	NMDOT D5	\$10,000,000 \$8,544,000 (Federal) \$1,456,000 (State) [FFY2020 & FFY2021]	FUNDED IN FFY2020 & 2021
Control Number	Project Title/Description	Lead Agency	Project Cost/Funding	Status

Santa Fe MPO – Transportation Improvement Program (TIP) Project Status Summary

S100270	Pedestrian Signal Head Upgrade Upgrade all 415 pedestrian signal heads at 58 intersections to countdown type. This countermeasure is related to reducing pedestrian related crashes.	City of Santa Fe	\$300,000 \$277,920 (Federal) \$22,080 (State) [FFY2015]	FUNDING OBLIGATED 09/03/15 Installation of new Pedestrian Signal Completed 05/20/16 Project Closed Out
S100340	NM466 (St Michaels Drive) Pedestrian ADA Improvements	NMDOT D5	\$323,629 \$276,509 (Federal) \$47,120 (State) [FFY2019]	FUNDING MOVED TO FFY2019 WITH TIP AMENDMENT 3 Project moved under S100440 with Amendment 5
S100350	Guadalupe Street Bridge (#6487) Off-Ramp Rehabilitation (Bridge Deck Replacement)	NMDOT D5	\$1,500,000 \$1,281,600 (Federal) \$218,400 (State) [FFY2017]	FUNDED IN FFY2017 Project out to Bid. Construction expected to begin June 2017.
S100370	Agua Fria/Cottonwood Drive Intersection Safety Improvements Design, ROW Acquisition and Construction of a Roundabout at the Intersection of Agua Fria St/Cottonwood Dr	City of Santa Fe	\$1,200,000 \$1,111,680 (Federal) \$88,320 (State) [FFY2015 & FFY2018]	DESIGN FUNDING OBLIGATED 08/20/15 Design Started April 2016. Public Input Meeting Held 09/21/16. Construction Funded in FFY2018
S100420	FR-2098 Arroyo Hondo Bridge Preventative Maintenance Project Bridge Deck Overlay	NMDOT D5	\$312,000 \$266,573 (Federal) \$45,427 (State) [FFY2017]	FUNDED IN FFY2017 Design Development Underway. Construction scheduled to be Let in Jan 2017
S100430	NM599/US84-285 Ramp Modification Lengthen SB On-Ramp from NM599 to US84/285	NMDOT D5	\$395,819 \$338,188 (Federal) \$ 57,631 (State) [FFY2018]	FUNDED IN FFY2018 Proposed to add \$404.184 to project with Amendment 5 to reflect Latest Engineers Estimate.
S100440	St Francis Dr/St Michaels Dr Interchange Improvements Study, Design and Construction of Improvements to the Interchange	NMDOT D5	\$750,000 \$427,200 (Federal) \$322,800 (State) [FFY2016 & FFY2019]	Study Awarded to Radian Engineering Study underway July 2016. Number of changes approved with Amendment 5
S100450	US84/285 & NM502 Bridge Maintenance Project Bridge Maintenance on Bridge #9312 inside MPO Planning Area and Bridges #7516, #8943 and #8661 outside the MPO Planning Area	NMDOT D5	\$3,407,344 \$2,911,235 (Federal) \$ 496,109 (State) [FFY2017]	Project Funding moved to FFY2017 by Admin Mod Additional \$1,198,044 in funding added with Amendment 4 to reflect latest Engineers Estimate.
L500219	Defouri Street & Guadalupe Street Bridges Project Replacement of the Defouri Bridge (#4063) and Rehabilitation of the Guadalupe Bridge (#6944)	City of Santa Fe	\$1,259,543 \$ 80,000 (State) \$1,179,543 (City) [FFY2016]	Construction started March 2017 Project is on schedule; anticipated completion; August 2017.
S100460	Guadalupe Street Reconstruction "Road Diet" The proposed project identified through the RSA is the following: Lane Reduction, Pedestrian Improvement, bicycle Improvements, Signalized Intersections Improvements, Lighting, Drainage Accommodations, new Signing and Striping.	City of Santa Fe	\$4,000,000 \$3,582,900 (Federal) \$ 362,500 (State) \$ 54,600 (City) [FFY2017 & FFY2019]	DESIGN FUNDED IN FFY2017 Funding Agreement approved by City Council. Negotiations underway; anticipate CC approval of contract by 6/14 CONSTRUCTION FUNDED IN FFY2019
S100480	Old Santa Fe Trail Bike Lanes Construction of Bike Lanes to the Existing Roadway	Santa Fe County	\$559,063 \$559,063 (County) [FFY2016]	PROJECT COMPLETED MAY 2016
Control Number	Project Title/Description	Lead Agency	Project Cost/Funding	Status

Santa Fe MPO – Transportation Improvement Program (TIP) Project Status Summary

S100490	NM599 Interchange Reprioritization Study	NMDOT D5	\$240,000 \$205,056 (Federal) \$ 34,944 (State) [FFY2017]	Project Added with Amendment 4. Contract awarded. Expected completion November 2017
S100520	I-25 Pavement Preservation – M.P. 290 -294 (Eldorado to Canoncito IC)	NMDOT D5	\$7,500,000 \$6,408,000 (Federal) \$1,092,000 (State) [FFY2016]	FFY2016 funding was obligated but project was not let? Funding to be reobligated in FFY2018 as approved with Amendment 5.
TRANSIT & RAIL PROJECTS				
TS00110	Downtown Transit Center Sheridan Ave Improvements Construction of ADA-compliant pedestrian, bicycle and transit facilities, and streetscape improvements	City of Santa Fe	\$2,340,824 \$2,000,000 (Federal) \$ 340,824 (City) [FFY2016]	FUNDING TRANSFERRED TO FEDERAL TRANSIT ADMINISTRATION Design Finalized. Awaiting FTA Approval to release funding. Construction expected to start Fall 2017
S100510	Installation of Rail Crossing Lights & Gates at Alta Vista St Crossing For Rail Trail	NMDOT Rail Bureau	\$97,000 \$87,300 (Federal) \$ 9,700 (State) [FFY2017 & FFY2018]	\$20,000 of Funding moved from FFY2017 to FFY2018 by Admin Modification on 02/10/17
S100530	Installation of Rail Crossing Lights & Gates at CR51, BNSF Crossing # 013721M – Canoncito	NMDOT Rail Bureau	\$350,000 \$315,000 (Federal) \$ 35,000 (State) [FFY2018]	New Project added with Amendment 4. Funding being reduced to \$250,000 with Amendment 6. Expect to Obligate Project in November 2017 and construction in Spring/Summer 2018
NON MOTORIZED PROJECTS				
S100280	Santa Fe River Trail – Connections and Improvements Multi-use Trail connections, crosswalks and trail widening, from Camino de Chelly to Defourin St.	City of Santa Fe	\$439,070 \$250,000 (Federal) \$189,070 (City) [FFY2015]	CONSTRUCTION FUNDING OBLIGATED 09/14/15 Construction started November 2016 Nearing Completion
S100281	Santa Fe River Trail/E. Alameda St Pedestrian Improvements Design and construction of pedestrian improvements including new sidewalk, retaining structures and handrail along East Alameda Street and Santa Fe River.	City of Santa Fe	\$455,000 \$388,752 (Federal) \$ 66,248 (City) [FFY2014 & FFY2015]	CONSTRUCTION FUNDING OBLIGATED 09/01/15 Project Complete Project Close out in process
S100282	Santa Fe Rail Trail – Segment 4 Construction of a natural surface Multi-use Trail parallel to the Santa Fe Southern Railroad from Avenida Vista Grande to Avenida Eldorado	Santa Fe County	\$471,213 \$96,798 (Federal) \$374,415 (County) [FFY2015]	CONSTRUCTION FUNDING OBLIGATED 08/03/15 Construction started July 2016 Project substantially completed December 2016. Project closed June 22, 2017.
S100390	Acequia Trail/Railyard Crossing Construction Construct a Multi-use Path Grade Separated Crossing (Underpass) of St Francis Drive (US 84/285)	City of Santa FE	\$4,290,463 \$3,665,772 (Federal) \$ 624,691 (City) [FFY2015 & FFY2016]	CONSTRUCTION FUNDING OBLIGATED 09/17/15 Additional \$470,464 in CMAQ-Flex funding added 12/14/15 Construction started October 2016 Construction recommenced in April 2017. September 2017 projected completion.

Santa Fe MPO – Transportation Improvement Program (TIP) Project Status Summary

Control Number	Project Title/ Description	Lead Agency	Project Cost/Funding	Status
S100410	El Camino Real Buckman Road Retracement Project (NM FLAP TRAIL 77000(1)) Design and Construction;; Segment 1 - 5ft natural surface recreational trail from USFS Headquarters Trail to USFS Dead Dog Trail (9.6 miles). Segment 2 - 10ft Multi Use Trail from Santa Fe River Greenway Trail to USFS Headquarters Trail (4.7 miles).	Santa Fe County	\$3,311,095 \$2,829,000 (Federal) \$482,096 (County/City) [FFY2015 & FFY2016]	100% design completed. FHWA scheduling bidding of construction contract, anticipated to bid construction in August 2017 with construction start date anticipated October 2017. CONSTRUCTION FUNDED IN FFY2016
S100470	Rail Trail Underpass at NM466 (St Michaels Drive) The proposed project identified through the RSA is the following: Design and Construct a Trail Underpass	City of Santa Fe	\$3,135,000 \$2,808,504 (Federal) \$ 285,000 (State) \$ 41,496 (State) [FFY2017 & FFY2019]	DESIGN FUNDED IN FFY2017 moved under S100440 with Amendment 5 CONSTRUCTION FUNDED IN FFY2019 Through Administrative Modification lead agency was changed from City to NMDOT.
S100500	Improvements to Motocross & All Terrain Tracks and Facilities at La Tierra	City of Santa Fe	\$278,200 \$236,470 (Federal) \$ 41,730 (City) [FFY2017]	Recreational Trail Program Funding Award Added to TIP by Administrative Modification 04/08/16 NMDOT Planning managing process.