

**SUMMARY OF ACTION
SANTA FE MPO TECHNICAL COORDINATING COMMITTEE
CITY OF SANTA FE OFFICES @ MARKET STATION
500 MARKET STREET, SUITE 200
MONDAY, OCTOBER 23, 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 AUGUST 21, 2017	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 PLAN	APPROVED	2-3
NM 599 SAFETY STUDY AND VIA VETERANOS INTERIM SAFETY IMPROVEMENTS	INFORMATION/DISCUSSION	3-5
NMDOT PRIORITIZED BIKE NETWORK PLAN	INFORMATION/DISCUSSION	5-7
COUNTY REPORT ON RIVER TRAIL PROGRESS	INFORMATION/DISCUSSION	7-9
UPDATE ON TRANSPORTATION IMPROVEMENT PROGRAM PROJECTS	INFORMATION/DISCUSSION	9-10

MATTERS FROM STAFF	INFORMATION/DISCUSSION	10
MATTERS FROM COMMITTEE MEMBERS	INFORMATION/DISCUSSION	10-11
NEXT MEETING	NOVEMBER 27, 2017	11
ADJOURN	ADJOURNED	11

**SANTA FE MPO TECHNICAL COORDINATING COMMITTEE
CITY OF SANTA FE OFFICES @ MARKET STATION
500 MARKET STREET, SUITE 200
MONDAY, OCTOBER 23, 2017, 1:30 PM**

1. CALL TO ORDER

The meeting of the Santa Fe MPO Technical Coordinating Committee was called to order by Vice Chair Dave Quintana at 1:30 pm, on Monday, October 23, 2017, at the City of Santa Fe Offices at Market Station, 500 Market Street, Suite 200, Santa Fe, New Mexico.

2. ROLL CALL

MEMBERS PRESENT

Dave Quintana, City of Santa Fe
Ray Matthew, Santa Fe County
Stephen Lopez, NMDOT
Diego Gomez, Santa Fe County
Paul Kavanaugh, Santa Fe County
Erik Aaboe, Santa Fe County
Thomas Martinez, Santa Fe Trails
Richard MacPherson, City of Santa Fe
Tony Mortillaro, NNMRTD

MEMBERS ABSENT

John Romero, Chair, City of Santa Fe, Excused
Edward Escudero, Pueblo of Teseque

OTHERS PRESENT

Mark Tibbetts, MPO Officer
Eric Aune, MPO Transportation Planner
Keith Wilson, Santa Fe Trails/MPO
Rosa Kozab, NMDOT
Maria Lohman, Santa Fe County
Lisa Martinez, Director, City of Santa Fe Land Use Department
Brad Fisher, NMDOT
Elizabeth Martin, Stenographer

3. APPROVAL OF AGENDA

Mr. Matthew asked to move item 2E up on the agenda.

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

VOTE The motion passed unanimously by voice vote.

**4. APPROVAL OF MINUTES
AUGUST 21, 2017**

MOTION A motion was made by Mr. Lopez, seconded by Mr. MacPherson, 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 PLAN**

Mr. Wilson said this is the first amendment for the 18-23 TIP that went into effect on October 1st. We met with the DOT folks on October 16th. The chart in your packet reflects the additions. The policy meeting is moving to November 30th. His question is if the TCC is willing to move their meeting to November 27th.

MOTION A motion was made by Mr. Martinez, seconded by Mr. Matthew, to move the MPO TCC meeting to November 27th.

VOTE The motion passed unanimously by voice vote.

Mr. Wilson reviewed the chart and list in the packet and stated that there is a change to S100520. They are going to add guardrails and that is not reflected here.

Mr. Aaboe asked what defines the beginning and end of project S100250.

Mr. Lopez said the mile markers

Mr. Lopez said an RFP is out on S100440. He will make a copy of the scope and send it to Mr. Wilson.

Chair Quintana said the amount on S100540 should be \$820,000

Mr. Wilson said this proposed amendment will go out for public review with the corrections and will come back to you at your November 27th meeting. There will be a public hearing on November 30th.

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

VOTE The motion passed unanimously by voice vote.

B. NM 599 SAFETY STUDY AND VIA VETERANOS INTERIM SAFETY IMPROVEMENTS

Mr. Lopez said Mark Tibbetts asked for an update on the status of this. Right now we do not have an update on the Reprioritization Study. The final draft will be available for a November release for review and comment. As far as the interim improvements they are nearing plan development right now. It will include the removal of full access from the intersection. Engineering has come up with part of their engineering regarding the impact to neighborhoods and access to 599.

Mr. Tibbetts asked is there still an interim plan.

Mr. Lopez said yes.

Mr. Aune said at the last meeting we talked about reprioritization. He is confused from what he heard there. He heard that a design is 30% complete.

Mr. Lopez said yes.

Chair Quintana said the 60% design is the one the north region is working on.

Mr. Aune said it seemed like there were 2 factors keeping us from going forward. DOT is not going forward until the study is completed and that they will be taking a different approach. It seems like it is not going forward based on that discussion.

Mr. Lopez said the District wants to be prepared in case Via Veteranos is not a top priority after the study is done. We will be presenting the project to the MPO once the design is complete.

Chair Quintana said we discussed this at that meeting and he was told by the

north region that it might be smart to amend the contract to have a public meeting. There are some good ideas and alternatives, but it could get derailed if we don't get public input.

Mr. Lopez said our intent is to do that.

Mr. Aune asked what happens if the study does not elect to have Via Veteranos as a priority.

Mr. Lopez said we will be ready with interim improvements.

Chair Quintana said one of the alternatives was an overpass. That one seemed reasonable. It might address some of the concerns.

Mr. Lopez said those options will be included in the study.

Mr. Tibbetts said the idea of having a bridge across is doing it is 2 phases. You would be losing money by doing an interim fix that would be torn up.

Chair Quintana said exactly.

Mr. Lopez said the grade generation will not allow full access.

Mr. Tibbetts said they can use the frontage road.

Mr. Mortillaro said regardless of the study you will still do the interim improvements, right.

Mr. Lopez said we are waiting to see what the study says.

Mr. Mortillaro said that will upset some folks. How long from now will that be. We are now 5 years from when that accident happened.

Mr. Aune said there appeared to be some certainty that the interim measure was going to happen. He believes the elected officials from the County believe that. His expectation was different as well.

Mr. Mortillaro said that is right. This was supposed to be a quick and easy attempt to curtail accidents there. He lives out there and the folks out there are seeing nothing but foot dragging here.

Chair Quintana said when we had a public meeting 3 years ago there were a lot of people who did not want improvement and some who did. Restricting full access at that interchange, can that even be done. We need to look at that document. He hopes this reevaluation prioritization will shake something out. His guess is that it will still be

the priority. The interim repair may preclude an interchange for a couple of years. What does the public want. These are big questions. Having a public meeting at the conclusion of the draft will be important. There is a lot of potential there and if we do it right we could get an interchange sooner than later. If not we will move the interchange further down the line.

Mr. Tibbetts said in scanning the report it said the severity of crashes at Via Veteranos are much more. The public is much more sensitive to fatalities. Personally we have been through this before. The prioritization was very strong. Having reprioritization is ok, but how do they disregard what was done earlier or try to minimize it.

Chair Quintana said they did not do that. They are doing a pretty good job.

Mr. Tibbetts said the overpass is an interim improvement. They are buying time. As Tony pointed out the County officials want something done.

Mr. Gomez said there was a public meeting for Agua Fria. Commissioner Hansen is a proponent of a full interchange there.

Mr. Mortillaro said he thinks everyone wants to see that.

Mr. Matthew said one thing the study did show so far is that the original one did show the effect of connecting those frontage roads and the overpasses. It seemed like an alternative when they looked at that. It is much more doable and does not necessarily preclude the interchange option. It is good to hear that a public hearing will be done.

Mr. Lopez said the interim improvement was based on available funding to do that. For an overpass we have to commit funding already in place and add more from the District's STIP and that will not happen any time soon. Interim improvement could be done quicker

Mr. Tibbetts said we don't want to lose site of the priority of the interchange.

Mr. Lopez said that will be discussed after the study is complete.

Mr. Tibbetts said that was John Romero's big concern.

C. NMDOT PRIORITIZED BIKE NETWORK PLAN

Ms. Kozab reviewed the plan which is included in the packet.

Mr. Wilson commented that maybe a page in your design guidelines could be

included to look for trail options.

Mr. Tibbetts said he is thinking of some of the County roads we have. You have in the design guidelines on rural highways a certain amount for recovery so that you have shoulders. As a safety improvement he thought someone said the State now has design guidelines of more than 2 feet. As you point out that is changed when roadway improvements happen. What are the guidelines right now for rural highways. They are not consistent.

Ms. Kozab said she is not aware of any.

Mr. Lopez said usually 6 foot shoulders.

Mr. Tibbetts asked so you would be focused on that guideline.

Mr. Lopez said yes. In urban areas some have made 8 feet and on pedestrian trails as well to get separation of use.

Mr. Tibbetts said it is commendable that you are working on this. In the case of a rural highway with a high speed and 2 lanes would they do a side path.

Mr. Lopez said no.

Ms. Kozab said it would be an exception in an area where we can build a trail.

Mr. Tibbetts asked if you have a 2 foot shoulder now and the guideline is 6 feet in lieu of that if you don't have right of way and can only do 2 feet could you do that.

Ms. Kozab said no, a nicer shoulder would be used.

Mr. Gomez said bicycles are not always driving on the shoulder.

Ms. Kozab said if there is debris they don't want to ride there. Behavioural stuff is tough. For this it will be part of the design. Edge to edge.

Chair Quintana said you might want to bring in the maintenance engineers so they have a plan to sweep the shoulders.

Mr. Aaboe asked what is a typical design.

Mr. Lopez said if the road is in decent shape we can reconstruct the whole thing to widen it. There is always a tendency to separate at the shoulder stripe so we have to be careful how we approach that.

Mr. Aaboe said if you establish standards and at the first resurface you make a

hard edge you have high quality and low quality pavement and people go on the high quality pavement.

Ms. Kozab said we will be working through those types of issues. This will help facilitate that conversation.

Mr. Lopez said roads in this District are not always bicycle friendly. There are no shoulders in some places. It is bicycle at your own risk.

Mr. Aaboe said in thinking about tools for MPOs and design when these types of projects are on the TIP maybe we should look into the scoring process.

Ms. Kozab said it is up to the MPO. At a statewide level we are working towards, a many multi year way, a statewide project prioritization effort. It is a conversation we are having.

Chair Quintana said mountainous areas are where people like to bike and it is so hard to get shoulders there.

Ms. Kozab said there are a lot of cyclists on 64 which has switchbacks but no shoulders. We can't come up with one standard for the whole state. There are some unique areas. We are working on what we can fit in and what we can't.

Mr. Tibbetts said it is important work that you are doing. Just like making it a requirement at least in those designated areas that are defined as potential bicycle routes. It may have another component when the road improvement falls in that area. Regarding the maintenance issue, once we start making improvements in those areas it is important to have the component of maintenance built in. We used to see people cleaning up and now not so much. This is the right direction to go in.

Ms. Kozab said this will be a reference document.

Mr. Tibbetts said the State can use it to promote the economic benefit.

Ms. Kozab said that is not a function of our department. That is a State Tourism function.

Chair Quintana said thank you for the presentation.

D. COUNTY REPORT ON RIVER TRAIL PROGRESS

Ms. Lohman said the County is working on the Santa Fe River Trail. We have a conceptional plan that outlines the right of way from Frenchy's to the Waste Water

Treatment Plant. The County will approve construction very soon. We are also working on the acequia area from Silar to San Isidro and hope to complete that acequia plan by the end of 2018. We have funding for this as well. The San Isidro crossing to County road 62 is functionally complete. It is pressure fine now and we may want to upgrade that, but it is complete. For County Road 62 to San Felipe the jurisdiction is split between the City and the County. That is a critical stretch of the river because it completes the trail to 599 and to the El Camino Real Project which is scheduled for completion in May of 2018 and provides safe recreational routes and safe school access. The estimated cost of that segment is about \$4.5 million.

Mr. Wilson said we have a regular meeting of trail folks from the City and County. We met 6 weeks ago. It is unknown at this time who the County lead agency is moving forward. With the City the questions become who should be the lead agency and where should the cost be shared. It is still a number of years away from more complex situations, but we felt it should come to the MPO as a Body who has representatives of both the City and County in order to start having the conversation about how this project will proceed. It is a critical trail for the community, the City and the County. That is the purpose of coming here. We will let you know and will brainstorm on how we start that conversation. The plan is to have this robust presentation to the Policy Board on November 30th.

Ms. Lohman said not this plan. It has changed a bit on the County side. We may not be ready for November.

Mr. Tibbetts said it is on the agenda for the November 30th Policy Board meeting.

Mr. Wilson said he will speak with Coleen about that.

Mr. Aaboe said he works in the office where the Project Manager for this works. It is a heavy lift to do the numerous acquisitions of property on this. We have had to discuss condemnation with a few land owners. It is a very time consuming process. Appraisals and dealing with land owners can be tough. Getting the conceptual design and working on acquisitions are the focus. If there are future discussions of responsibilities it probably would be good to sit at a staff level and talk about what those staff things are. It is a long slow march to just get the small chunk of property to stitch together for this project.

Mr. Tibbetts said we do see the opportunity to have Land Use involved as we go along. These strips of land may effect other areas.

Mr. Aaboe said we have some unusual tough challenges at this point in time. Generally titles are not super clean. There are old property boundaries. He is not sure what the hope was for the presentation before the Policy Board but it makes sense to have a top level conversation before that.

Mr. Tibbetts said there are jurisdictional issues that have the City involved. The Policy Board realizes this is time consuming and maybe staff could be directed to help on jurisdictional issues. Some go to the middle of the river.

Ms. Lohman said what we wanted to get out of this today is awareness that this is coming up and is a needed conversation between the City and the County. This is coming. We are not ready for a presentation to the Policy Board in November. Maybe in the new year we can come up with something.

Mr. Wilson said that is fine. It was to give them an update.

E. UPDATE ON TRANSPORTATION IMPROVEMENT PROGRAM PROJECTS

Mr. Wilson said on the table in front of you is the list of projects. He sent it out a couple of weeks ago and asked for updates. The ones he receive are included. He will send this to everyone electronically. Please get back to him with any updates and he will complete it for the next meeting. Are there any major updates to give here.

Chair Alejandro said on S100460 we are having a public meeting on November 14th at the Convention Center. The kick off meeting was 2 ½ weeks ago.

Mr. Aaboe said on S200410 there is a project ground breaking for that on Thursday at 2:30 pm at the trail head. He can forward the invitation to all of you.

Mr. Gomez said on S100120 and 21 there will be a public meeting on November 1st at Milagro Middle School at 6:00 pm.

Mr. Wilson said if there are any questions or concerns on funding jump on it right away and contact him or DOT. Make sure all deadlines are being met.

Mr. Aaboe said on the last 2 we have not yet gotten the grant documents for those. Coleen is working on verifying our existing easements.

Mr. Fisher said we have them and you are about to get them.

Mr. Tibbetts asked if he could get an update on the Jaguar interchange.

Mr. Lopez said we are working on obtaining the connectivity of the cross road. The entity is still working with the City to make it a City street.

Mr. Wilson said the construction is complete and we are going through formal adoption.

Chair Quintana said he thought that was already done.

Ms. Martinez said there are just a few inspections needed but we are very close. They are trying to sort through everything and when the City accepts everything is complete it is done, but because there are various properties along the way that will be sold to different developers we are going to hold off on landscaping for now until the plans in.

7. MATTERS FROM STAFF

Mr. Aune said we are reviewing proposals to update the Bicycle Master Plan. We will begin the update early in 2018 and plan to be done by September.

Mr. Tibbetts said Mr. Aune was invited to participate on a panel for the Conference for Health Professionals Component for Public Transportation. He was invited by USDA. The conference is in Atlanta. He needs some recognition for his work in promoting this issue through the National Association of Planners.

8. MATTERS FROM COMMITTEE MEMBERS

Mr. Aaboe said he has been noticing improvements to Hospital Drive. It is yet another not bicycle friendly improvement to our roadways. Is there a process that would open up these suggested improvements to members of the bicycling community.

Ms. Martinez said when the hospital started making improvements a number of years ago some conditions were imposed having to do with the hospital installing traffic calming measures on Hospital Drive. When they came forward for the new addition we said they did not comply with the original requirements back to 2006. She doesn't know if the Bicycle and Trails Master Plan took into account any of these measures and we did not look at that. We need to look at those things in the future. We were just trying to get them to comply with the original conditions approved by the Planning Commission and Council.

Mr. Aaboe said the thinking is different now than in 2006 regarding the effect of traffic calming on other modes of transportation. Is it possible to consider that.

Ms. Martinez said she will bring that up with John Romero and make sure we think of that when we consider other projects.

Mr. Tibbetts said the issues on Botolph Road would have been a good opportunity to put in buffered bike lanes.

Mr. Wilson said originally they thought there would be heavy on-street parking through that corridor. There is intermittent parking on that street.

Mr. Gomez asked are there bike friendly chicanes.


Mr. Wilson said these are not really chicanes. Chicanes are typically used in a residential area.

**9. NEXT MEETING
NOVEMBER 27, 2017**

10. ADJOURN

There being no further business before the Committee the meeting adjourned at 3:00 pm.

Dave Quintana, Vice Chair



Elizabeth Martin, Stenographer

**PROPOSED DRAFT AMENDMENT 1 TO THE
TRANSPORTATION IMPROVEMENT PROGRAM
Federal Fiscal Years 2018–2023**

**PUBLIC COMMENT PERIOD: 11/06/17 – 11/20/17
TCC Review and Recommendation: 11/27/17
TPB Public Hearing and Action: 11/30/17**

PROPOSED CHANGES TO EXISTING PROJECTS

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

- Increase FFY2021 funding by \$6,000,000 for a new total of \$10,000,000.
- Delete \$5,116,193 in FFY2022 funding
- Project funding total increased from \$9,116,193 to \$10,000,000

S100440 – St Michaels Drive Corridor Improvements. Cerrillos Road to Botolph Road [NMDOT Lead]

- Move \$323,629 identified for Pedestrian ADA Improvements from FFY2019 to FFY2020
- No change in project funding total
- Add Bridge #7336 to Scope

S100520 – I-25 Pavement Preservation. M.P. 290 -294 (Eldorado to Canoncito IC) [NMDOT Lead]

- Increase FFY2019 funding by \$100,000
- Project funding total increased from \$7,150,000 to \$7,250,000
- Change Scope from “*Cold Milling and HMA Inlay of Travel Lanes and Shoulders with Replacement of Existing Guardrail to Comply with current Guardrail Design Requirements*” to “*Cold Milling and HMA Inlay of Travel Lanes and Shoulders*”

S100540 – Bridge Preventative Maintenance. I-25/La Cienega (#9423) and NM466/US84/285 (#7336) [NMDOT Lead]

- Add 3 new bridge structures [#7501, 7502, 7509] to the scope of the project
- Remove bridge structure #7336 from the scope (moved to S100440)
- Increase FFY2019 funding by \$370,000
- Project funding total increased from \$450,000 to \$820,000
- [Note – Bridges #7501 and 7502 located on I-25 @ MP282. Bridge #7509 located on NM466 @ MP3.663]

NEW PROJECTS TO BE ADDED

S100570 – NM14 (Cerrillos Road)/Second Street – Intersection, ADA and Bus Stop Improvements [NMDOT Lead]

- Add new project with \$1,250,000 in construction funding in FFY2019
- Project scope to make improvements to the intersection to allow ADA Accessibility at the intersection and adjacent bus stops.
- Project currently in design.

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

AMENDMENT 1 DRAFT FOR PUBLIC REVIEW

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	\$ -	\$ -	\$ -	\$ 4,000,000	\$4,000,000	\$ 5,116,193	\$ -
		Add \$6,000,000 to FFY2021 Funding and Delete \$5,116,193 FFY2022 Funding				\$ 10,000,000	\$10,000,000	\$ -	\$ -
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	\$ -
		Add Bridge #7336 to Scope		\$ 3,135,000	\$ 5,823,629	Move \$323,629 in STP-SmUrb Funding identified for Pedestrian ADA Improvements from FFY2019 to FFY2020. Total funding remains unchanged.			
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	\$ -	\$ -
			\$ 7,250,000	Increase FFY2018 Funding by \$100,000 for a new project total of \$7,250,000			\$7,250,000	\$ -	\$ -
9	S100540	Bridge Preventative Maintenance on I-25/La Cienega (#9423) and NM466/US84/285 (#7336)	\$ -	\$ 450,000	\$ -	\$ -	\$450,000	\$ -	\$ -
		Add three new bridge structures to the project: #7501, 7502, 7509. Remove Bridge #7336. Change project title to reflect change		\$ 820,000	Increase funding by FFY2019 funding by \$370,000 due to new Bridges		\$820,000	\$ -	\$ -
10	S100570	NM14 (Cerrillos Road)/Second Street - Intersection, ADA and Bus Stop Improvements	\$ -	\$ 1,250,000	NEW PROJECT		\$1,250,000	\$ -	\$ -
		TOTALS	\$ 17,972,644	\$ 7,533,629	\$ 5,500,000	\$ 9,802,406	\$39,008,679	\$ 10,616,193	\$ -
		UPDATED TOTALS	\$ 18,072,644	\$ 8,830,000	\$ 5,823,629	\$ 15,802,406	\$46,728,679	\$ 5,500,000	\$ -

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

TRANSIT & RAIL and NON MOTORIZED PROJECTS ON NEXT PAGE

Proposed Changes Highlighted in RED

FFY2018-2023 Transportation Improvement Program Summary

AMENDMENT 1 DRAFT FOR PUBLIC REVIEW**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	\$ 97,000	\$ -	\$ -	\$ -	\$ 97,000	\$ -	\$ -
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	\$ 173,000	\$ -	\$ -	\$ -	\$ 173,000	\$ -	\$ -
		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]

Proposed Changes Highlighted in RED

WILSON, KEITH P.

From: Anna Hansen <dakinidesign@newmexico.com>
Sent: Monday, November 06, 2017 11:08 AM
To: WILSON, KEITH P.
Subject: Re: PUBLIC COMMENT PERIOD - PROPOSED DRAFT AMENDMENT 1 TO THE TRANSPORTATION IMPROVEMENT PROGRAM Federal Fiscal Years 2018–2023

Keith, I am concerned. Nowhere on this list do I see anything about 599 and Hwy 70 and doing some kind of prevention for the accidents that have been happening there. I have constituents that are very concerned about this intersection.

Thanks,
Anna Hansen
Santa Fe County Commissioner, District 2
505.920.0957 Cell
dakinidesign@newmexico.com
Santa Fe, NM

WILSON, KEITH P.

From: Lopez, Stephen, NMDOT <Stephen.Lopez@state.nm.us>
Sent: Tuesday, November 07, 2017 8:37 AM
To: WILSON, KEITH P.; Brasher, Paul, NMDOT
Cc: AUNE, ERICK J.; TIBBETTS, MARK S.
Subject: RE: PUBLIC COMMENT PERIOD - PROPOSED DRAFT AMENDMENT 1 TO THE TRANSPORTATION IMPROVEMENT PROGRAM Federal Fiscal Years 2018–2023

Keith:

In response to the question from Commissioner Hansen regarding the status of funding for the NM599/Via Veteranos Intersection Improvements, HSIP funding is available for the construction of the interim improvement option (as discussed at the MPO TCC Meeting on 10/23/17). The grade separation option is currently unfunded.

Please advise if you have questions on this information. Thanks.

Stephen Lopez, PE
NMDOT D5 Technical Support Engineer



Trends in New Mexico Traffic Crash Data

Trends, Projections and Rankings

Jessica Bloom, Research Scientist II, UNM

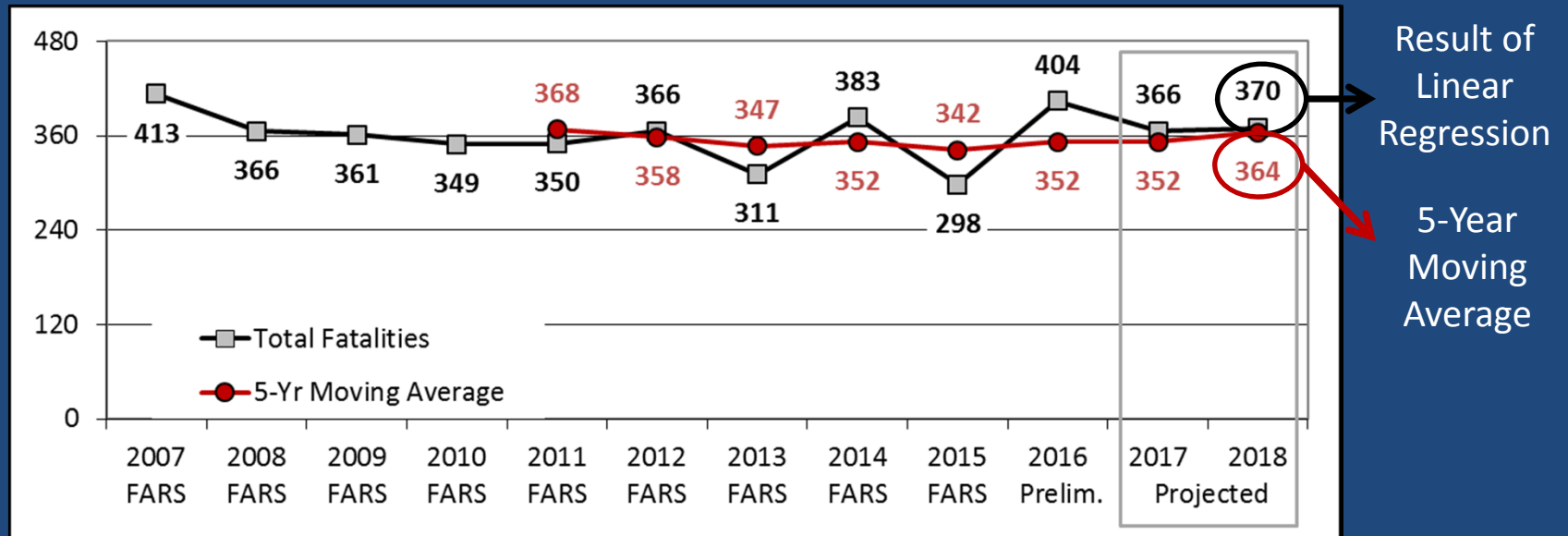
John Nitzel, Principal Technologist, Ch2m

Ilene Hall, Planner

April 5, 2017

Photo by NMDOT

Methods for Setting HSP and HSIP Targets



2017 Projection = Linear Regression (best fit straight line) based on 2011 to 2016 data

2018 Projection = Linear Regression (best fit straight line) based on 2011 to 2017 data

$$\text{2018 Five-Year Moving Average} = \frac{2014 + 2015 + 2016 + 2017 + 2018}{5} = \frac{383 + 298 + 404 + 366 + 370}{5} = 364$$

$$\text{2018 Five-Year Moving Average for Rates} = \frac{\text{Average Fatalities 2014 - 2018}}{\text{Average VMT 2014 - 2018}}$$

Methodologies Used

- Vehicle Miles Travelled (VMT)

The Annual VMT estimate for 2016 uses the 2015 Daily VMT #:

$(75,165,529.8 \text{ Daily VMT} * 1.021 * 365) / 1,000,000 = \mathbf{28,012 \text{ annual MVMT for 2016}}$

where 75,165,529.8 is the 2015 DVMT

and 1.021 is the 2.1% increase estimate for 2016 (per FHWA*)

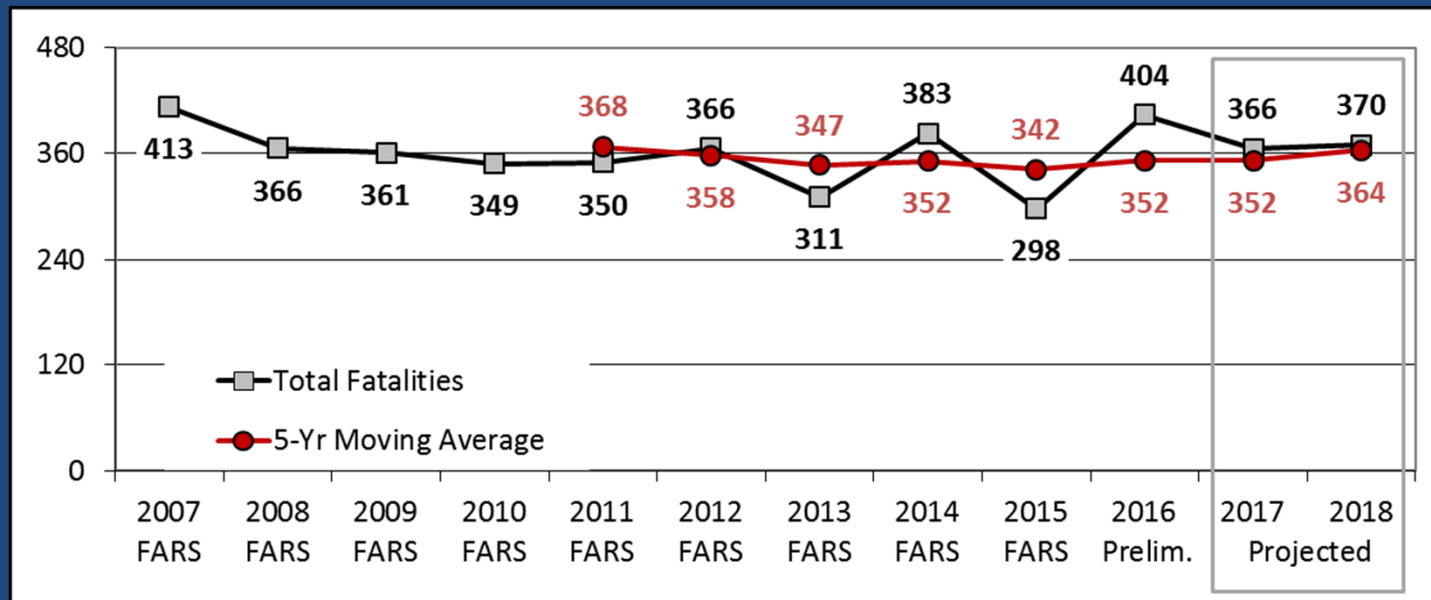
and 365 is the number of days in a year

and 1,000,000 converts the units to millions

- Crash Data - 2015 is finalized, 2016 is preliminary

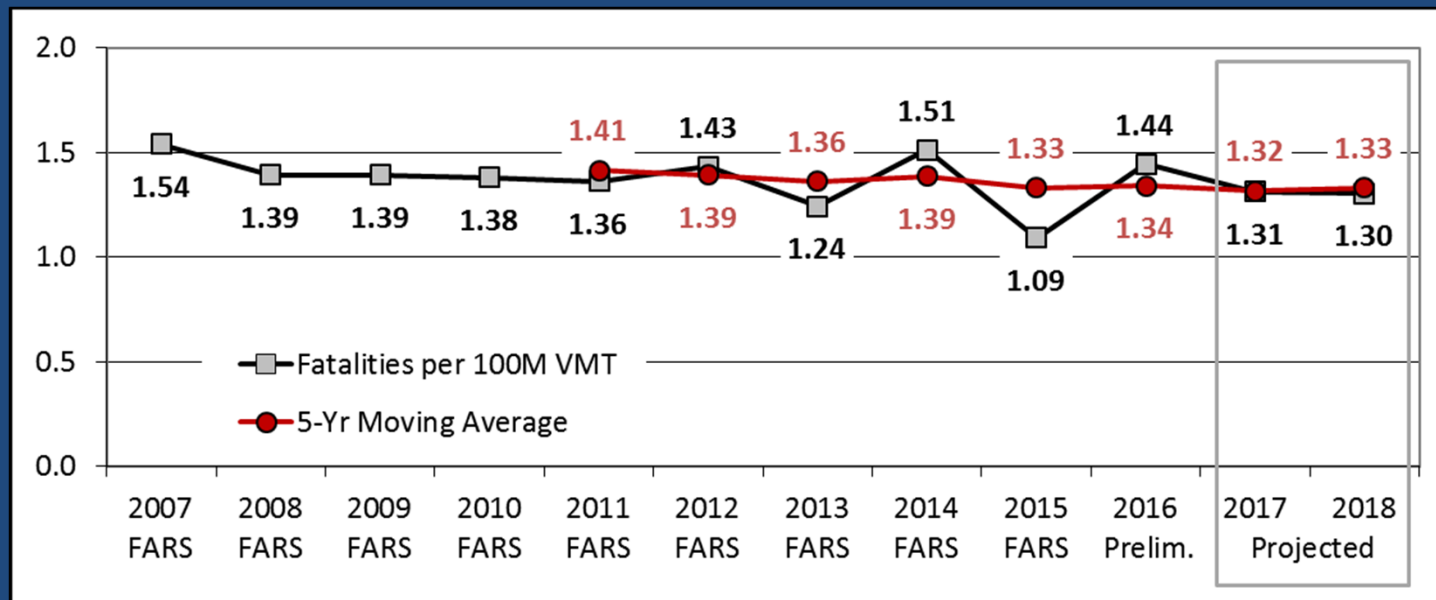
* https://www.fhwa.dot.gov/policyinformation/travel_monitoring/tvt.cfm

Total Fatalities by Year



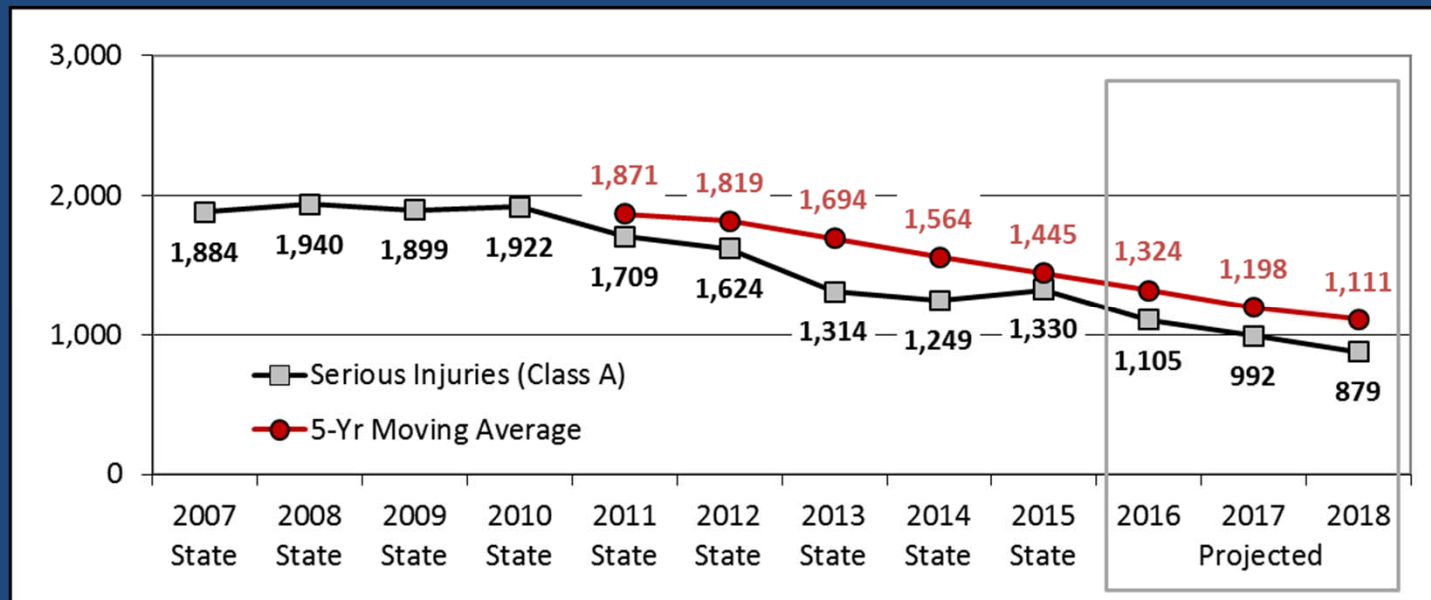
Source: NHTSA FARS, 2007 - 2015. NMDOT Fatallog, 2016 preliminary.

Fatality Rate (Fatalities per 100M VMT)



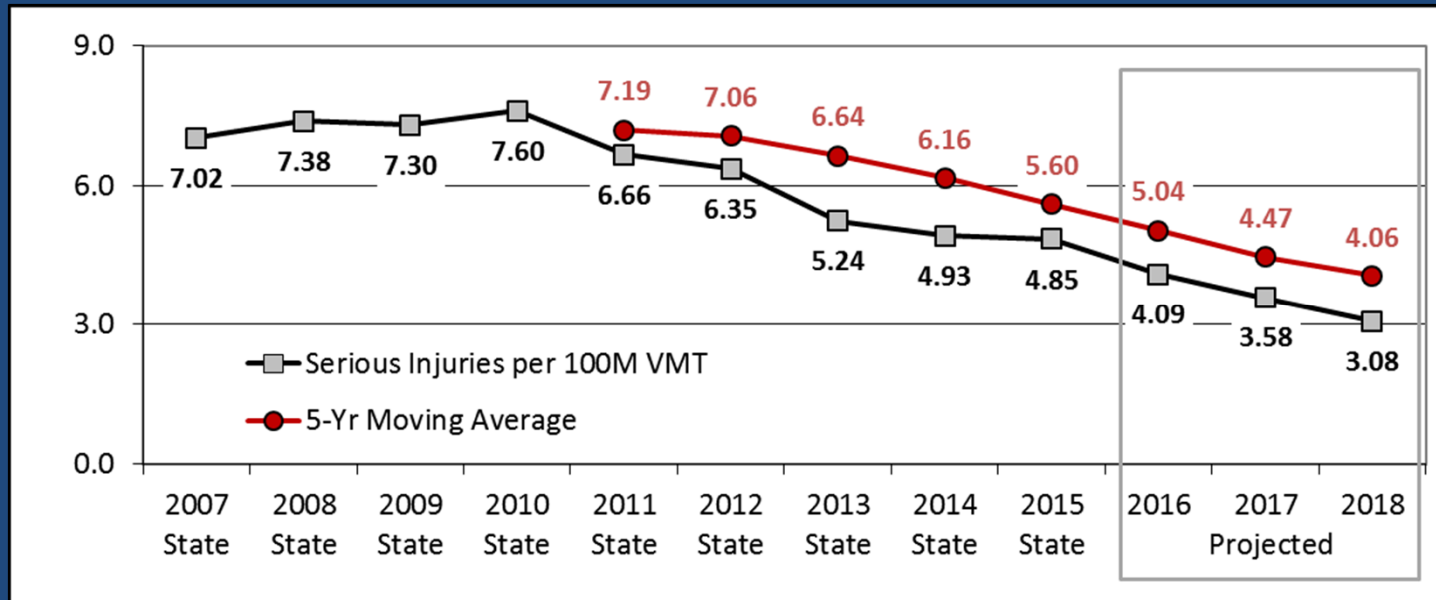
Source: NHTSA FARS, 2007 - 2015. NMDOT Fatallog, 2016 preliminary. The rates for 2016-2018 use the FHWA 2015 VMT with a 2.1% increase.

Serious Injuries



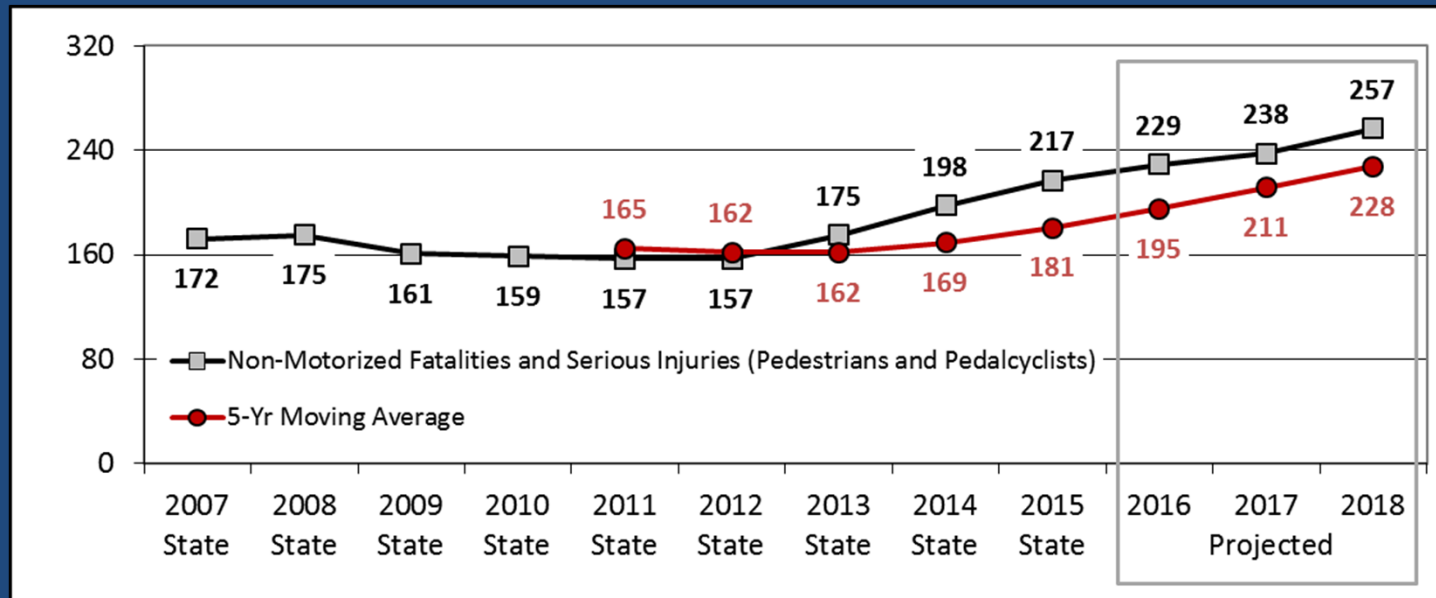
Source: NMDOT Crash Files, 2007 - 2015.

Serious Injury Rate (Serious Injuries per 100M VMT)



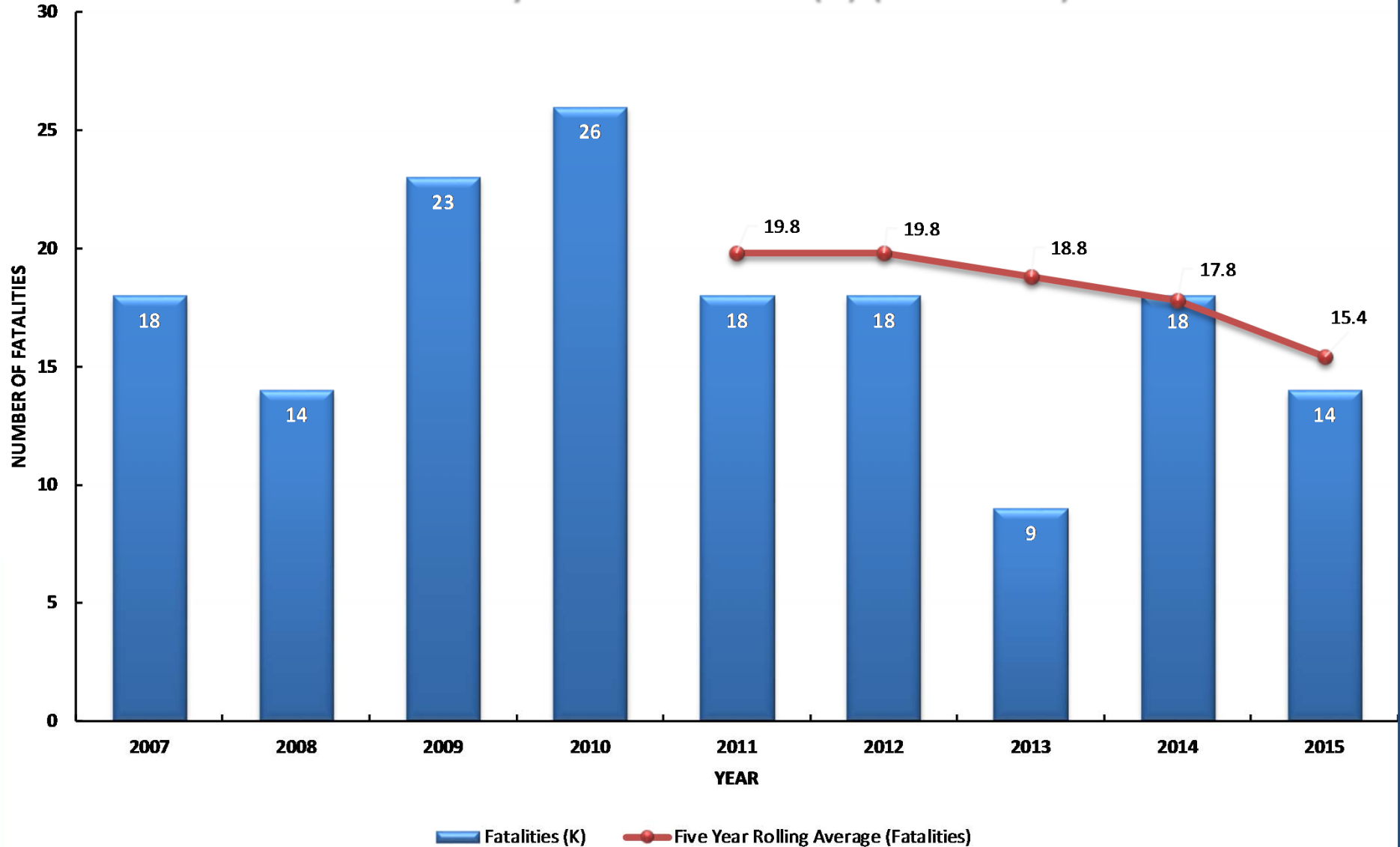
Source: NMDOT Crash Files, 2007 - 2015. The rates for 2016-2018 use the FHWA 2015 VMT with a 2.1% increase.

Non-Motorized Fatalities and Serious Injuries



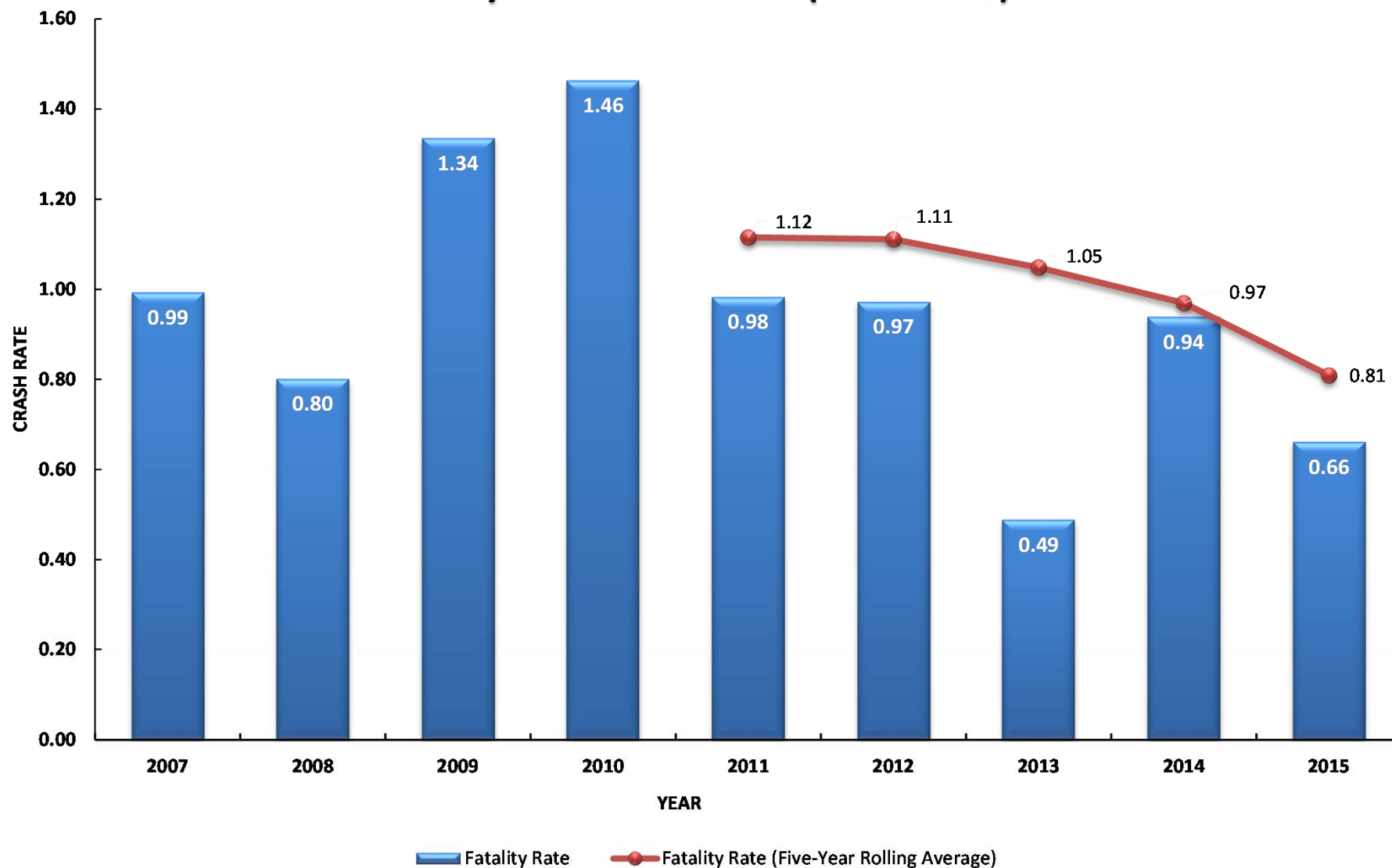
Source: NMDOT Crash files and Fatallog files, 2007-2015

Santa Fe County Crash Fatalities (K) (2007-2015)



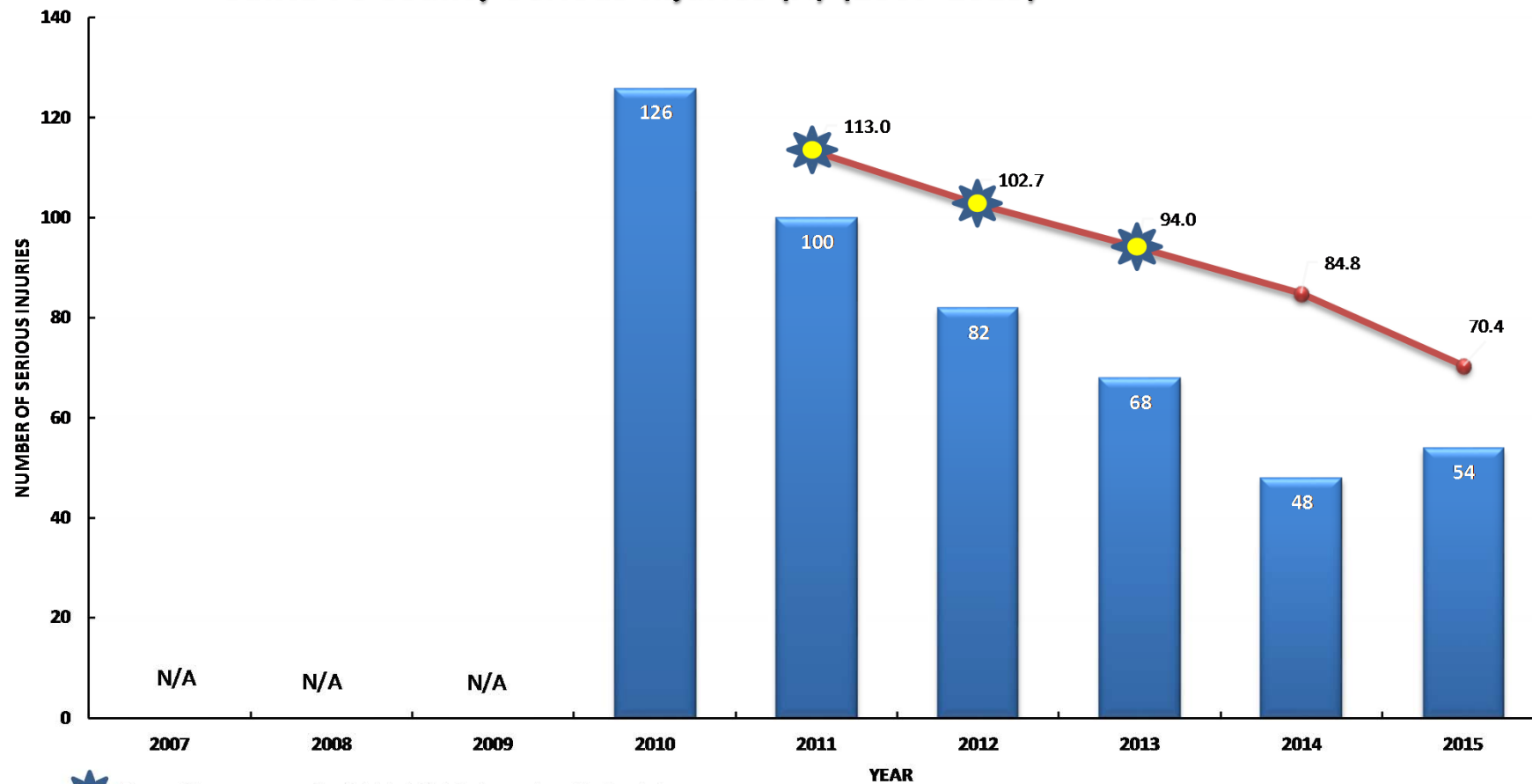
Crash data source for all slides: FHWA Highway Statistics Series;
New Mexico Traffic Crash Annual Reports 2007-2015, UNM;
FARS; NMDOT Crash Data.

Santa Fe County Fatal Crash Rate (2007-2015)



Crash data source for all rate slides (VMT Data): NMDOT FHWA HPMS
various years. Note: VMT data are preliminary

Santa Fe County Serious Injuries (A) (2007-2015)

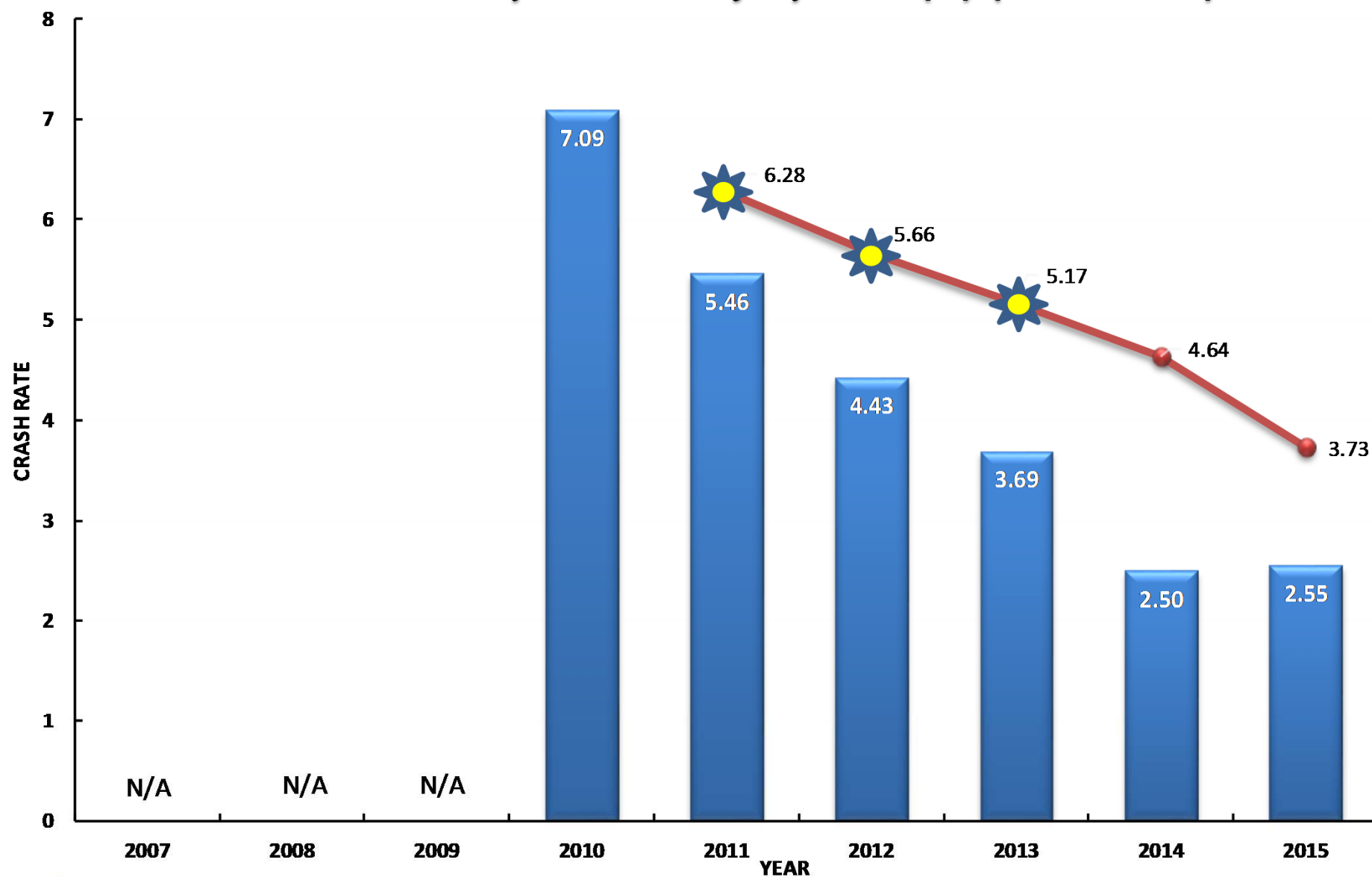


The rolling average for 2011-2013 is based on limited data

Serious Injuries (A)

Five Year Rolling Average (Serious Injuries (A))

Santa Fe County Serious Injury Rate (A) (2007-2015)

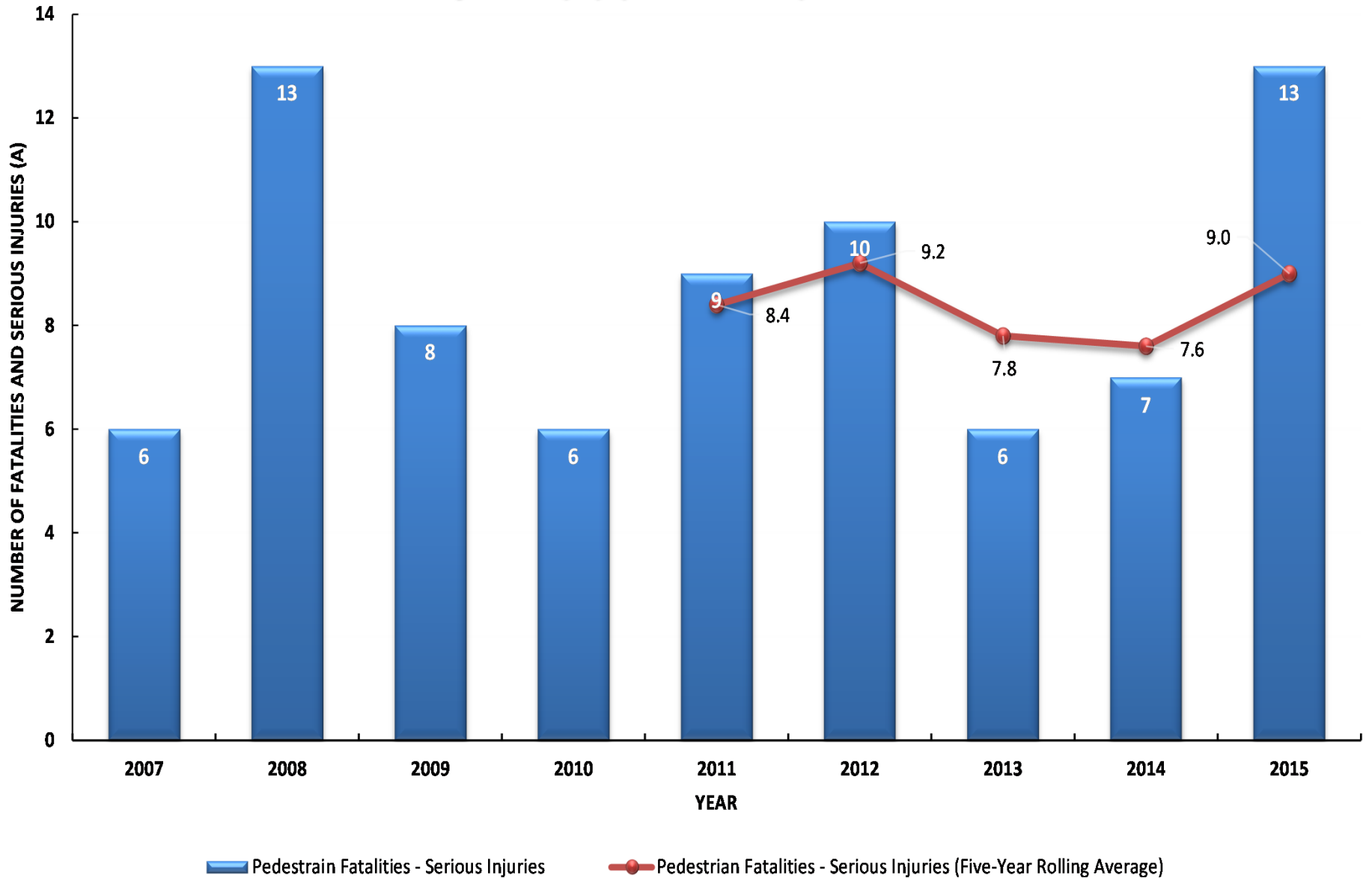


The rolling average for 2011-2013 is based on limited data

■ Serious Injury Rate

—●— Serious Injury Rate (Five-Year Rolling Average)

Santa Fe County Pedestrian Fatalities and Serious Injuries (A) (2007-2015)



Comments – Lessons Learned on MPOs

- County crash and VMT data are available but MPO boundaries do not necessarily match county lines
- Sample sizes for pedestrian fatalities/serious injuries, and total fatalities are relatively small and subject to greater statistical variation
- Published NM data has evolved and early years were incomplete
- Some inconsistency with FARS data – 2012, 2014 and 2015
- NMDOT may want to verify MPO data/trends for smaller MPOs, example -- pedestrian crashes and proportion and complexity of data analysis
- VMT data are preliminary

Source:

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.

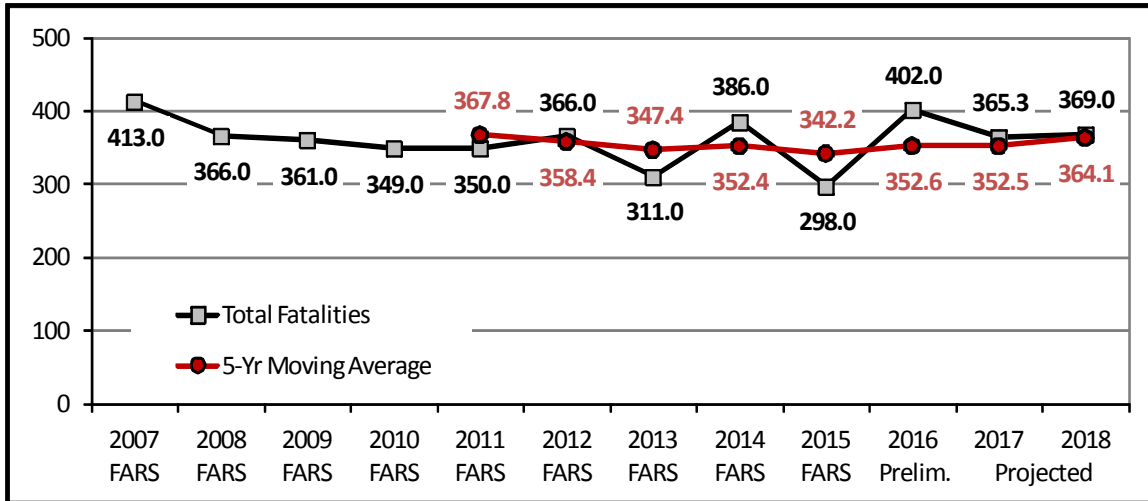
1. Numerous internal meetings took place in winter of 2016/2017 between the NMDOT Planning and Traffic Safety Bureaus to review and analyze crash data and trends. NMDOT contracts with the University of New Mexico (UNM) to maintain the state's crash database.
2. With assistance from the Federal Highway 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.

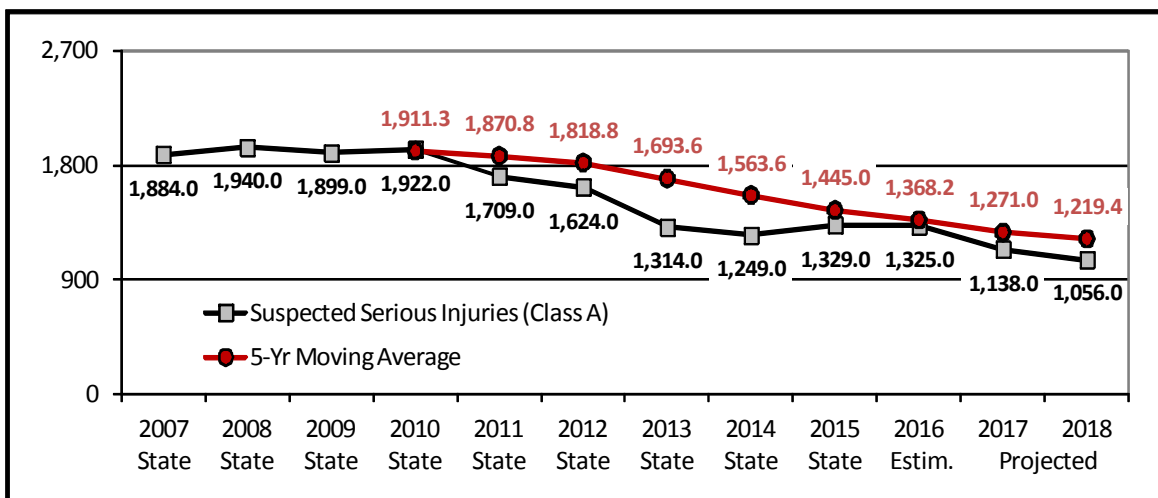
C1: Total Traffic Fatalities



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.

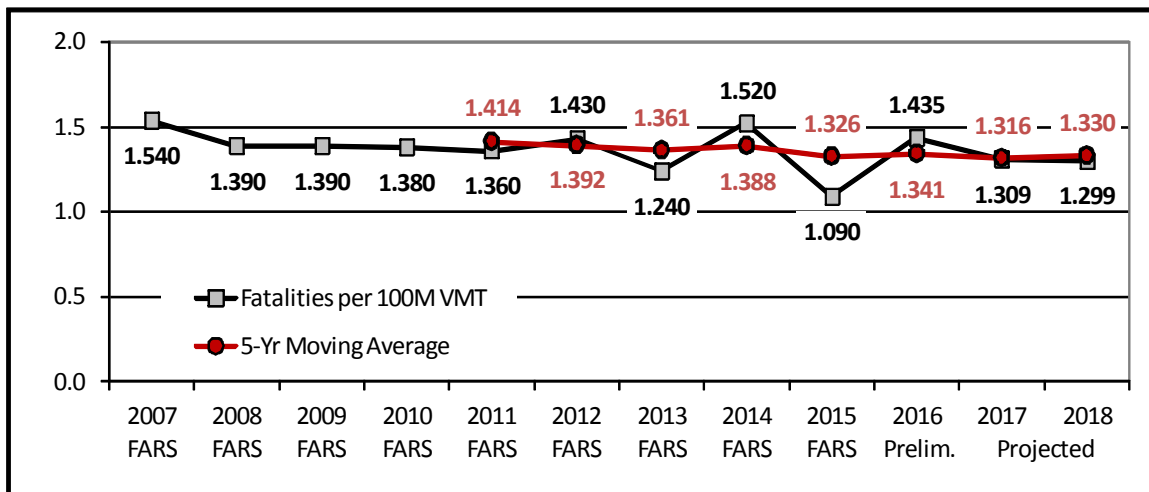
C2: Total Serious Injuries



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.

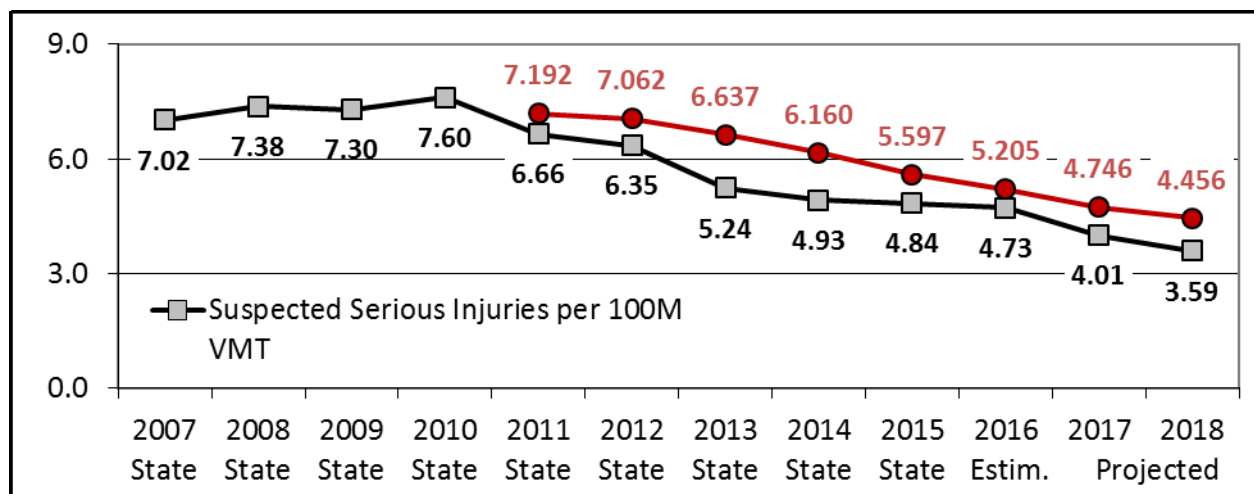
C3: Fatalities per 100M VMT



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.

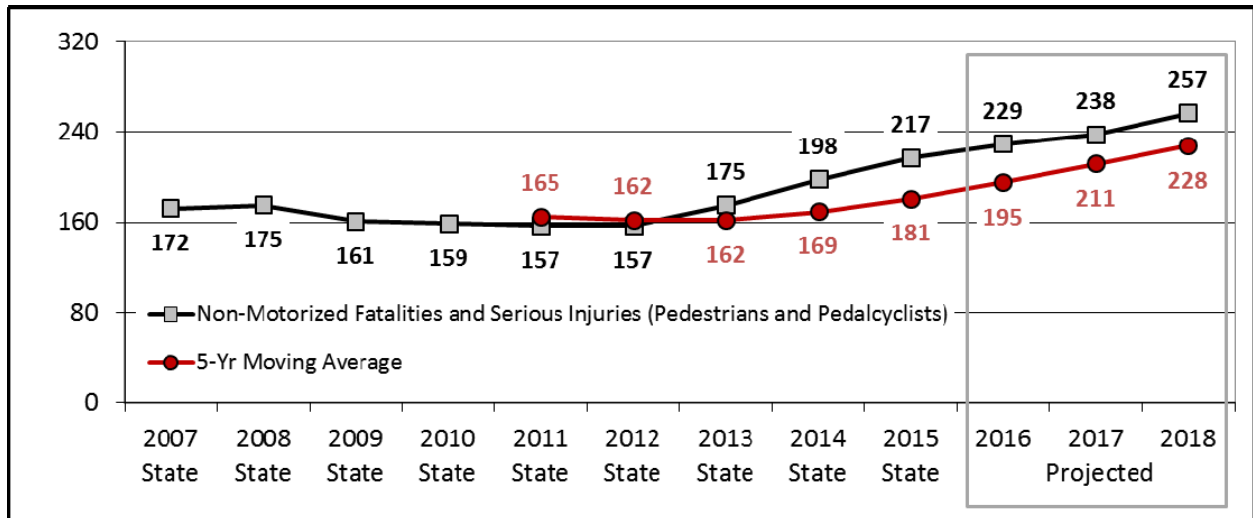
C4: Rate of Serious Injuries



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.

Santa Fe Trails Performance Measures for State of Good Repair- November 30, 2017

TRANSIT	ASSET CLASS	GOAL	TARGET	MEASUREMENT
	Vehicles Revenue	Decrease vehicle degradation <ul style="list-style-type: none"> • Monitor trends on equipment and perform time change on common wear components • Maintain tools and equipment in shop 	Reduce the # of vehicle hour/downtime by 12%	# of Hours/Downtime
	Vehicles Non-Revenue	N/A	N/A	N/A
	Equipment (Shelters/Service Equipment)	Reduce # of bus shelter and service equipment degradation <ul style="list-style-type: none"> • Routine training of personnel • Proactive preventative maintenance 	Prolong equipment life expectancy by 10%	# of shelter/service equipment replacement annually
	Facilities	Reduce facility depreciation <ul style="list-style-type: none"> • Routine & proactive preventative maintenance 	Prolong facility depreciation by 8%	Annual # of routine and proactive maintenance completed
	Customer Service	Improve customer service <ul style="list-style-type: none"> • Keep customers informed and improve response time • Increase community engagement participation 	Reduce # of customer complaints by 10%	# of customer complaints # of community engagement events

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 INTERCHANGE OPEN TO TRAFFIC
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
S100250	Interstate Pavement Preservation Pavement Preservation at various location along Interstate 25 in the MPO Area	NMDOT D5	\$9,116,193 \$7,788,875 (Federal) \$1,327,318 (State) [FFY2021 & FFY2022]	FUNDED IN FFY2021 & 2022
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 October 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 \$1,080,000 (Federal) \$120,000 (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	\$326,831 \$279,244 (Federal) \$47,587 (State) [FFY2017]	FUNDED IN FFY2017 Construction substantially completed 6/23/17. Construction physically completed 8/10/17
S100430	NM599/US84-285 Ramp Modification Lengthen SB On-Ramp from NM599 to US84/285	NMDOT D5	\$800,000 \$683,520 (Federal) \$116,480 (State) [FFY2018]	FUNDED IN FFY2018 Project to be broken into two phases as follows: Phase I: Ramp Modification; Phase II Median CWB Replacement
S100440	St Michaels Drive Corridor Improvements Study, Design and Construction of the St Francis Dr/St Michaels Dr Interchange; Rail Trail Underpass Design and Underpass; Pedestrian ADA Improvements; Road Diet Study, Pavement Preservation.	NMDOT D5	\$20,261,035 \$17,440,989 (Federal) \$ 2,820,046 (State) [FFY2019, FFY2020, FFY2021 & FFY2022]	RFP's for Corridor Study due 10/10/17

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

Control Number	Project Title/ Description	Lead Agency	Project Cost/Funding	Status
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 Project Underway. Public Input Meeting held on 11/14/17 CONSTRUCTION FUNDED IN FFY2019
S100490	NM599 Interchange Reprioritization Study	NMDOT D5	\$240,000 \$205,056 (Federal) \$ 34,944 (State) [FFY2017]	Expected completion November 2017
S100520	I-25 Pavement Preservation – M.P. 290 -294 (Eldorado to Canoncito IC)	NMDOT D5	\$7,150,000 \$6,108,960 (Federal) \$1,041,040 (State) [FFY2018]	FFY2016 funding was obligated but project was not let? Funding to be reobligated in FFY2018.
S100540	I-25 & US84/285 Bridge Preventative Maintenance Project Bridge #9423 (I-25/La Cienega) and Bridge #7336 (St Francis/St Michaels)	NMDOT D5	\$450,000 \$384,480 (Federal) \$ 65,520 (State) [FFY2019]	Bridge Preservation project scheduled for FY 2019
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. CE Denied, Environmental Assessment being scoped.
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) [FFY2018]	Project moved fully to FFY 2018 (\$97,000). Rail is attempting to schedule a meeting with City of Santa Fe Legal in order to begin negotiating a multi-use pathway railroad crossing agreement to allow obligation of funding.
S100530	Installation of Rail Crossing Lights & Gates at CR51, BNSF Crossing # 013721M – Canoncito	NMDOT Rail Bureau	\$250,000 \$173,000 (Federal) \$ 17,300 (State) [FFY2017 & FFY2018]	Agreement has been fully executed between NMDOT and BNSF Railway. \$77,000 of the total \$250,000 project cost has already been obligated in FFY 2017. The remaining \$173,000 is currently being obligated under FFY 2018. NMDOT has issued a notice to proceed to BNSF Railway to begin ordering material and scheduling installation. Construction is anticipated to occur in late spring of 2018, although this could change due to BNSF material lead time and BNSF signal gang scheduling.
NON MOTORIZED PROJECTS				
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]	Scheduled for a December 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]	FHWA advertised the project for construction on September 13, 2017. Bid opening October 12, 2017. Anticipate contract award around October 23, 2017. Pre-construction conference is scheduled for the last week in October 2017. The contract completion date is May 5, 2018. CONSTRUCTION FUNDED IN FFY2016
S100550	Santa Fe Rail Trail - Segment 5 Construction of a Multi-Use Trail from Avenida Eldorado to Spur Ranch Road	Santa Fe County	\$455,363 \$389,062 (Federal) \$ 66,301 (County) [FFY2018]	STATUS?
S100560	Arroyo Hondo Trail - Phase 4 Construction of a Multi-Use Trail from Rancho Viejo Fire Station to La Pradera & I25/NM14 Interchange	Santa Fe County	\$1,450,000 \$1,238,880 (Federal) \$ 211,120 (County) [FFY2018]	STATUS?