

Safety Programs of the Multimodal Planning & Programs Bureau

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Highway Safety Improvement Program (HSIP)

Strategic Highway Safety Plan (every 5 years)

- Data driven and includes safety emphasis areas, Vulnerable Road User Safety Assessment
- Federally-mandated to use HSIP funds

HSIP funds

- ~\$28M annually (federal share); 10% match
- Data driven eligibility requirements per 23 CFR 924
- NMDOT and Tribal/Local Public Agencies (T/LPAs) are eligible
- Coordinator works with NMDOT Safety Committee to award funds

Other work products

- Road Safety Audits (RSAs) for hot-spots
- Data analysis and visualization, including crash data and systemic infrastructure conditions – Network Screening tool



NMDOT and other government staff participate in a Designing for Pedestrian Safety course offered by FHWA
Photo credit: NMDOT

Vulnerable Road User Safety Assessment & Special Rule Funds

- Vulnerable Road Users (VRU) are non-motorists (those who walk, bike and roll)
- Part of HSIP, added by IJA
- VRU Safety Assessment
 - Due every 5 years starting Nov. 15, 2023
 - Analyzes VRU crash data to create a High Injury Network, and looks at equity data in tandem to determine hot-spots for VRUs; also identifies projects in those locations
- Special Rule Funds apply since over 15% of NM crashes are VRU
 - NMDOT must dedicate 15% (~\$4.2M/year) of HSIP allocation (~\$28M/year) to VRU crash locations



Pedestrian in Albuquerque
Photo Credit: NMDOT

HSIP Projects FFY 2022

CN	County	Lead Agency	Title/Description	Phase	Total 2022 (obligated w/ match)
E100203	Doña Ana	NMDOT	NM 404 Widening Project, HSIP funding was used for 11 vehicular impact attenuator units, and 35,000 liner feet of concrete wall barrier.	Construction	\$ 6,611,981
5101390	Los Alamos	Los Alamos County	NM 502/Trinity Drive Road Diet, sidewalk, ADA and landscape buffer improvements; pedestrian crossing improvements including mid-block ped signals and signal upgrades at Oppenheimer intersection; access management improvements including median installation within an existing two-way left turn lane; expected speed limit reduction with proposed landscape medians	Design	\$ 200,000
6101390	McKinley	NMDOT	I-40/ US 491 Interchange Phase A/B Study	Study	\$ 372,874
9900809	Otero	NMDOT	US 70 Dynamic Message Signs through Mescalero; DMS signs were installed with this project. On US 380 a DMS was installed at Carrizozo, NM near the intersection with US 54. The second DMS was installed at Tularosa, NM on US 70 and the third on US 70 in Ruidoso, NM. These are connected to NMDOT's ITS architecture to provide realtime travel information to improve safety during inclement weather, construction and incident management.	Construction	\$ 607,318
5101120	San Juan	NM Dot	US 64/N 5031 intersection provide turn lanes and enhance intersection geometry at the Hogback Chapter House road (ISR 5031) and US 64 intersection.	Construction	\$ 3,248,566
5101450	San Juan	NMDOT	US 550 Game Fence installation of Game Guards (double cattle guards) and game fencing north of Aztec, NM	Construction	\$ 2,089,408
S100460	Santa Fe	City of Santa Fe	Guadalupe St. Reconstruction Road Diet	Construction	\$ 10,117,242
1101231	Sierra	NMDOT	Phase 1: I-25 Business Loop/Date St, T or C; roundabouts, sidewalks, ADA, RRFBs, speed management	Construction	\$ 5,000,000
1101232	Sierra	NMDOT	Phase 2: I-25 Business Loop/Date St/NM 181 intersection, T or C; roundabouts, sidewalks, ADA, lighting	Construction	\$ 4,300,000
U900303	Statewide	NMDOT	Planning RSA On-Call	HSIP On-Call for Eng Support	\$ 747,670
				FFY22 Total	\$ 33,295,060

HSIP Projects FFY 2023

CN	County	Lead Agency	Title/Description	Phase	2023 Funds
A301088	Bernalillo	Pueblo of Isleta	NM 314, NM 45 & NM 317 intersection improvements & realignment to improve sight lines and enhance intersection geometry to improve safety performance.	Construction	\$ 5,321,111
A301442	Bernalillo	NMDOT	NM 14, NM 536 intersection improvements will construct a roundabout at the intersection of NM14, NM 536 and Frost Rd to reduce delay, calm traffic, and provide better pedestrian and bicycle movements. Includes \$2,097,138 of HSIP HRRR Special Rule Funds.	Construction	\$ 6,496,070
LC00290	Doña Ana	NMDOT	University Ave Multimodal Project will reconstruct University Ave from Main St (NM 478) to Avenida de Mesilla (NM 28) to install sidewalk, a multiuse trail, bike lanes and a pedestrian crossing to calm traffic and provide facilities for pedestrians, bicyclists and enhance transit stops. In front of Zia Middle School. Project uses \$4.4M of HSIP VRU Special Rule Funds.	Construction	\$ 4,421,429
6101390	McKinley	NMDOT	I-40/ US 491 Interchange, Phase A/B Study	Study	\$ 240,754
2104740	Otero	NMDOT	US 54 Intersection Safety Improvements at Angelina Blvd and McGregor Range Rd. Implementation of RSA recommendations.	Construction	\$ 25,000
5100821	San Juan	NMDOT	In front of Shiprock High School, Middle School and Dine College, constructing turn lanes and a pedestrian crossing and median enhancements to slow traffic and better accommodate pedestrian crossing in front of the schools.	Construction	\$ 20,000
5101120	San Juan	NMDOT	US 64/N 5031 intersection provide turn lanes and enhance intersection geometry at the Hogback Chapter House road (ISR 5031) and US 64 intersection.	Construction	\$ 788,137
A302111	Sandoval	NMDOT	Bernalillo-Rail Corridor Pedestrian Safety Improvements Phase II, construction of a pedestrian trail and fencing to eliminate pedestrian and train conflicts.	Construction	\$ 1,295,000
S100370	Santa Fe	City of Santa Fe	Agua Fria St./Cottonwood Drive intersection improvements will construct a roundabout to calm traffic and reduce crash severity and allow for less vehicle delay.	Construction	\$ 3,058,628
1101231/ 1101232	Sierra	NMDOT	T or C Roundabouts construction of three roundabout on Date Street (I-25 Business Loop), continuous sidewalks and ADA curb ramps, 8 RRFBs and roadway lighting to reduce speeds, provide for safe pedestrian movements.	Construction	\$ 4,334,716
9901180	Statewide	NMDOT	Vulnerable Road Users Assessment and Strategic Highway Safety Plan, development of federally required statewide safety plans.	Planning	\$ 840,000
U900700	Statewide	NMDOT	AASHTOWare Safety Initiation, Set-up and Year 1 license	HSIP Support	\$ 500,000
Totals					\$ 27,340,845

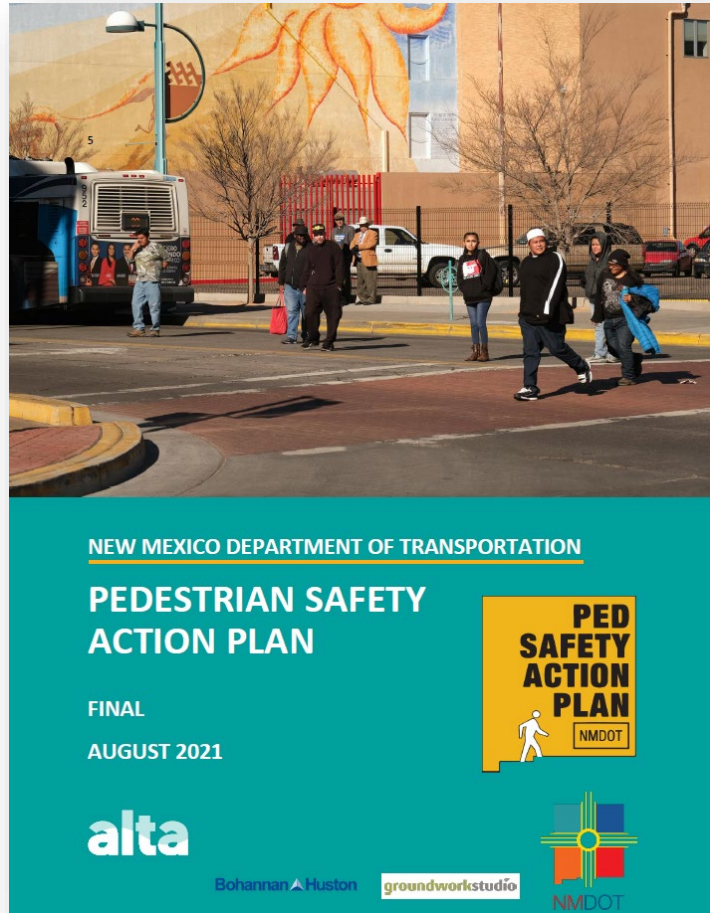
HSIP Projects FFY 2024 (programmed or planned)

CN	County	Lead Agency	Title/Description	Phase	2024 Funds
2104730	Lea	NMDOT	US 62 intersection and roadway Safety Improvements, including deceleration lanes. Implementation of RSA recommendations.	Construction	\$ 4,179,000
2104740	Otero	NMDOT	US 54 Intersection Safety Improvements at Angelina Blvd and McGregor Range Rd. Implementation of RSA recommendations.	Construction	\$ 2,300,000
5100821	San Juan	NMDOT	In front of Shiprock High School, Middle School and Dine College, constructing turn lanes and a pedestrian crossing and median enhancements to slow traffic and better accommodate pedestrian crossing in front of the schools.	Construction	\$ 5,650,000
S100820	Santa Fe	City of Santa Fe	Traffic signal safety improvements on Cerrillos Rd, St Michaels Drive, Airport Rd, and St Francis Dr, intersection to be identified during design. LPIs, flashing yellow arrows and median enhancements for two stage pedestrian crossing to reduce pedestrian and vehicle conflicts at the intersections. Implementing recommendation from the SFMPO Local Road Safety Plan.	Design	\$ 400,000
S100470	Santa Fe	City of Santa Fe	St. Michael's Dr. / Rail Trail pedestrian crossing/underpass design for a grade-separated crossing under St Michaels Drive at the Rail Trail.	Design	\$ 3,915,562
TBD	Statewide	NMDOT	Statewide Pedestrian Hybrid Beacon (PHB) project, three locations have been identified in District 2; one each in Hobbs, Lovington and Portales.	Construction	\$ 500,000
TBD	Statewide	NMDOT	AASHTOWare Safety License Fees	HSIP Support	\$ 275,000
				Totals	\$ 17,219,562

HSIP Projects FFY 2025 (programmed or planned)

CN	County	Lead Agency	Title/Description	Phase	2025 Funds
A302500	Bernalillo	City of Albuquerque	Louisiana Blvd Vision Zero Improvement Project includes installation of 3 PHBs, high visibility pedestrian crossing treatments and new curb. Between Central and Gibson.	Construction	\$ 2,625,000
5101390	Los Alamos	Los Alamos County	NM 502/Trinity Drive Road Diet, sidewalk, ADA and landscape buffer improvements; pedestrian crossing improvements including mid-block ped signals and signal upgrades at Oppenheimer intersection; access management improvements including median installation within an existing two-way left turn lane; expected speed limit reduction with proposed landscape medians	Construction	\$ 3,410,000
5100821	San Juan	NMDOT	In front of Shiprock High School, Middle School and Dine College, constructing turn lanes and a pedestrian crossing and median enhancements to slow traffic and better accommodate pedestrian crossing in front of the schools.	Construction	\$ 10,000,000
TBD	Statewide	NMDOT	AASHTOWare Safety License Fees	HSIP Support	\$ 275,000
				Totals	\$ 16,310,000

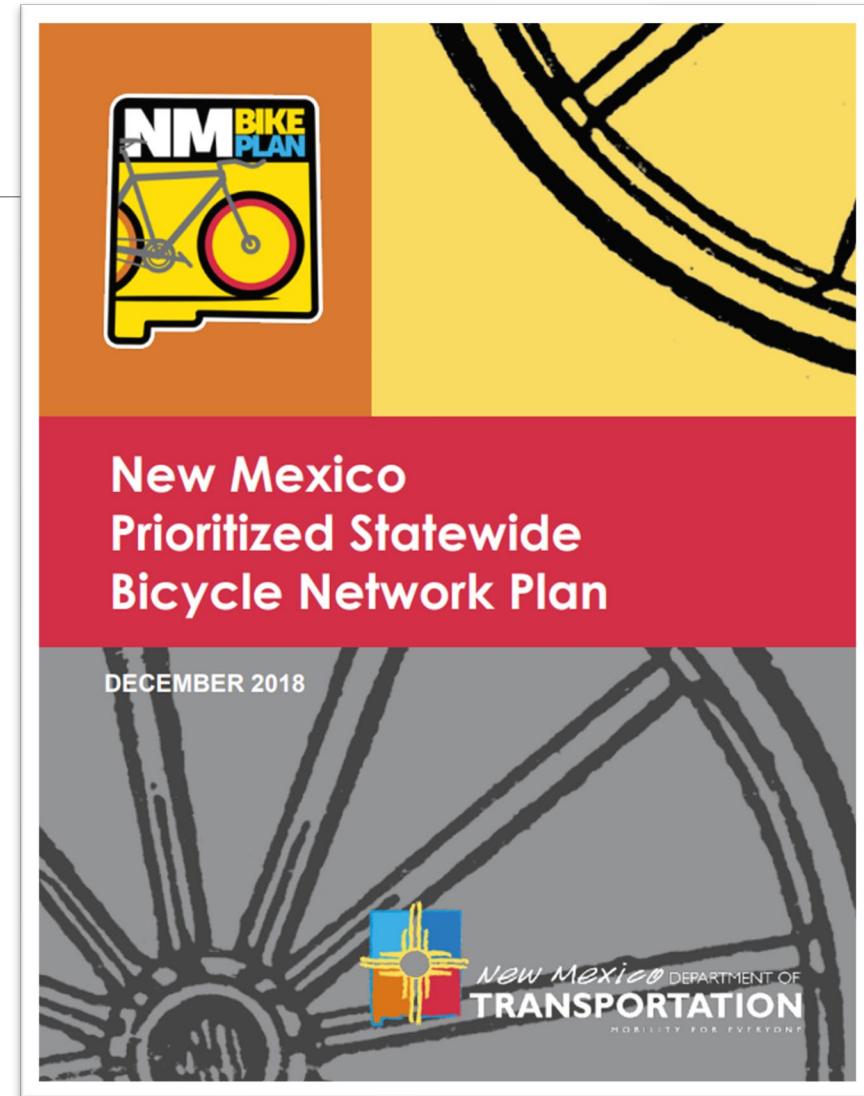
NMDOT Pedestrian Safety Action Plan



- Adopted August 2021
- 5-year framework of over 40 distinct actions to hopefully reduce pedestrian involved fatal and serious injury crashes
- Actions divided up into 7 categories:
 1. Data, Analysis and Evaluation
 2. Driver Education
 3. Pedestrian Outreach Program
 4. Highway and Traffic Engineering
 5. Law Enforcement and Emergency Services
 6. Communication
 7. Planning and Legislation
- Requires Department-wide implementation

NM Bike Plan

- Adopted December 2018
- Long-range infrastructure plan that identifies which NMDOT roadways are appropriate for bicycle infrastructure during roadway reconstruction and major rehabilitation projects
- Context sensitive: Plan provides guidance on the types of facilitates that are appropriate based on the roadway:
 - Vehicular speed
 - Vehicle volume
 - Urban/rural
- Plan is referenced by the Districts
- Implementation happens by the District offices and Design Centers during construction/rehabilitation projects



Complete Streets

Complete Streets: safe streets for all users (pedestrians, transit users, bicyclists, drivers), ages and abilities

- No NMDOT-specific definition yet!
- Allows for different application based on street type (urban, rural, traffic volumes, etc.)

Complete Streets Set-Aside

- Sec. 11206 BIL/IIJA: US Congress mandated that NMDOT spend 2.5% of SPR funds (or about \$250k/year) on developing complete streets standards, policies and implementation plan
- On-call consultant contract to assist with this effort; started July 2023

Planning Division currently working on a Complete Streets Strategic Plan

- Will determine what steps NMDOT must take to implement Complete Streets

Bureau funds Active Transportation Projects for Tribal/Local Public Agencies

- Using federal TAP, RTP, CMAQ and CRP



Las Cruces Safe Routes to Schools
Photo credit: Ashleigh Curry



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