

# City of Las Cruces®

PEOPLE HELPING PEOPLE

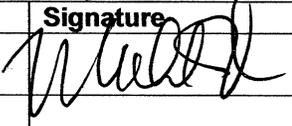
## Council Action and Executive Summary

Item # 10 Ordinance/Resolution# 10-195 Council District: All

For Meeting of February 2, 2010  
(Adoption Date)

**TITLE:** A RESOLUTION APPROVING THE APPLICATION FOR HIGHWAY SAFETY IMPROVEMENT PROGRAM FUNDING FROM THE NEW MEXICO DEPARTMENT OF TRANSPORTATION FOR VARIOUS PROJECTS WITHIN THE CITY OF LAS CRUCES.

**PURPOSE(S) OF ACTION:** To gain Council approval on the submittal of the applications for this year's Highway Safety Improvement Program.

<b>Name of Drafter:</b> Dan Soriano, <sup>N</sup> Traffic Engineering Administrator		<b>Department:</b> Public Works		<b>Phone:</b> (575) 541-2505	
<b>Department</b>	<b>Signature</b>	<b>Phone</b>	<b>Department</b>	<b>Signature</b>	<b>Phone</b>
Originating Department		3333	Budget		2300
			Assistant City Manager		2271
Legal		2128	City Manager		2076

**BACKGROUND / KEY ISSUES / CONTRIBUTING FACTORS:**

The New Mexico State Highway and Transportation Department (NMDOT) began accepting applications for funding of transportation related safety projects. The applications for the grants are due by February 25, 2010 and therefore staff requests submittal approval by Council through action of this resolution. The NMDOT expects approximately \$11 million from FHWA (Federal Highway Administration) administered safety funds for FY 2011.

The Public Works Department compiled a short list of projects that staff felt would be good candidates for such funding. Projects that have the highest public transportation safety benefit will be considered. There was no limit to the number of applications the City could submit. The grants are 100% funded by federal and state monies and there are no matching requirements.

**SUPPORT INFORMATION:**

Fund Name / Account Number	Amount of Expenditure	Budget Amount
No affect on budget		

1. Resolution.
2. Safety Project Application Summary, Exhibit "A".

3. Safety Project Applications, Attachment "A".
4. Letter from Mr. Steve Eagan, NMDOT's Safety Project Engineer, Traffic Technical Support Bureau, Attachment "B".

**OPTIONS / ALTERNATIVES:**

1. Approve this resolution. This action will allow staff to continue with the application process for the various safety related projects outlined in Exhibit "A".
2. Modify. This action would allow Council to direct staff to modify the list as proposed safety projects.
3. Reject. This action would direct staff to withdraw applications for the safety grant funds.

**RESOLUTION NO. 10-195**

**A RESOLUTION APPROVING THE APPLICATION FOR HIGHWAY SAFETY IMPROVEMENT PROGRAM FUNDING FROM THE NEW MEXICO DEPARTMENT OF TRANSPORTATION FOR VARIOUS PROJECTS WITHIN THE CITY OF LAS CRUCES.**

The City Council is hereby informed that:

**WHEREAS**, the New Mexico Department of Transportation (NMDOT) is accepting applications for funding transportation safety projects; and

**WHEREAS**, applications for consideration are due on or before February 25, 2010, to the NMDOT; and

**WHEREAS**, City staff has identified a list of projects that could be good candidates for such funding consideration; and

**WHEREAS**, there is no matching funding required nor limit to the number of applications that will be considered.

**NOW THEREFORE**, be it resolved by the governing body of the City of Las Cruces:

**(I)**

**THAT** City Staff are authorized to apply for safety grants with the NMDOT as summarized in the attached Exhibit "A".

**(II)**

**THAT** staff are hereby authorized to do all acts and deeds necessary in the accomplishment of the herein above.

Resolution No. 10-195  
Page 2

DONE AND APPROVED this \_\_\_\_\_ day of \_\_\_\_\_,  
2010.

APPROVED:

(SEAL)

\_\_\_\_\_  
Mayor

ATTEST:

\_\_\_\_\_  
City Clerk

VOTE:

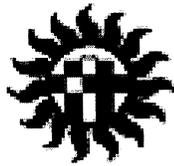
Mayor Miyagishima:	_____
Councillor Silva:	_____
Councillor Connor:	_____
Councillor Pedroza:	_____
Councillor Small:	_____
Councillor Sorg:	_____
Councillor Thomas:	_____

Moved by: \_\_\_\_\_

Seconded by: \_\_\_\_\_

APPROVED AS TO FORM:

*[Handwritten Signature]*  
Deputy City Attorney



# City of Las Cruces

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## Safety Project Application Summary

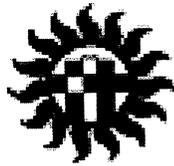
### Highway Safety Improvement Program (NMDOT)

(Note: Projects are not listed in any order of Priority)

<u>Project Name</u>	<u>Est. Cost</u>
1. Sidewalks and ADA Improvements	\$500,000
2. Pavement Markings	\$400,000
3. Traffic Signal Safety Improvements	\$406,000
4. Traffic Warning Flashers – Pedestrian Crossing at Roadrunner Parkway at Veteran's Park and Fire Station Zones	\$230,000

Applications Submitted By: \_\_\_\_\_ Date: 01-10-10  
(Please Sign)

**Contact Information:** Name (printed): Michael D. Johnson, P.E.  
 Address: PO BOX 20,000, Las Cruces, NM 88004  
 Department: Public Works Department  
 Phone: 505-528-3333  
 E-mail: mjohanson@las-cruces.org



# City of Las Cruces

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## Safety Project Application Highway Safety Improvement Program (NMDOT)

**Project Name:** Sidewalk and ADA Improvements

**Location:** City Wide. Primary focus will be in high pedestrian areas near schools and transportation centers and bus stops.

<b><u>Costs:</u></b>	<b>Design</b>	\$ N/A		
	<b>R-O-W</b>	\$ 50,000	<b>TOTAL:</b>	\$500,000
	<b>Construction</b>	\$ 450,000		

**Description of Proposed Work:**

This project would remove barriers within the public pedestrian system to create accessible routes in compliance with the ADA and ensure children have a safe path of travel to and from schools.

**Agency Responsible for Design:** City of Las Cruces – Public Works Department

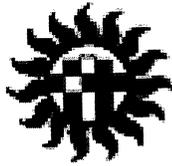
**Lead Agency Responsible for Implementation:** City of Las Cruces – Public Works Department

**Actual or Perceived Transportation Safety Hazards:**

The City of Las Cruces conducted a City wide survey of the pedestrian systems in an effort to define the level of compliance with the Americans with Disabilities Act (ADA) and found that almost \$30 Million is needed to remove obstacles and make all public sidewalks and trails in compliance with the ADA. The \$30 Million in improvements covers remedial activities such as moving utility poles from within sidewalks, reconstruction of drivepads to eliminate drastic cross slopes, and addition of curb ramps at intersections to create accessible routes throughout the City. The priorities for this work are those areas where the City receives reports from citizens with requests for reasonable accommodations under the ADA. Additionally, the City is focusing efforts around schools and other high pedestrian traffic areas. Current City funding is used on an annual basis in the amount of \$270,000. At this rate, it will take a very long time to complete the needed improvements.

**Application Submitted By:** \_\_\_\_\_ Date: 1-11-10  
(Please Sign)

<b><u>Contact Information:</u></b>	Name (printed):	Michael D Johnson, P.E.
	Address:	PO BOX 20,000, Las Cruces, NM 88004
	Department	Public Works Department
	Phone:	505-528-3333
	E-mail:	<a href="mailto:mjohnson@las-cruces.org">mjohnson@las-cruces.org</a>



# City of Las Cruces

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## Safety Project Application Highway Safety Improvement Program (NMDOT)

**Project Name:** Pavement Markings

**Location:** Various locations in Las Cruces on Arterial and Collector Roadways

**Costs:**

Design	\$ N/A	
R-O-W	\$N/A	<b>TOTAL NEED: \$400,000</b>
Construction	\$ 400,000	

**Description of Proposed Work:**

This project would provide the application of high visibility pavement markings such as thermoplastic, epoxy paints and/or tape systems developed for effective traffic pavement markings.

**Agency Responsible for Design:** City of Las Cruces - Public Works Department

**Lead Agency Responsible for Implementation:** City of Las Cruces – Public Works Department

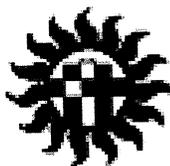
**Actual or Perceived Transportation Safety Hazards:**

The City of Las Cruces has a traffic pavement marking program in place where arterial and collector roadways are striped with paint twice per year. Since the federal government regulations have been changed to prohibit the use of traffic paints with lead in them, the quality of marking materials available and the effectiveness of standard non-lead based painting is questionable. The City desires to apply higher quality, longer lasting and therefore cost effective pavement markings in high traffic areas. During inclement weather, the existing striping becomes virtually invisible and therefore very dangerous. This project would enable the City to improve visibility, lane delineation, crosswalk improvements and general safety on City Streets. There is currently approximately 50 lane miles of roadways in Las Cruces that have substandard pavement markings.

**Application Submitted By:** \_\_\_\_\_ Date: 1-11-10  
(Please Sign)

**Contact Information:**

Name (printed):	Michael D Johnson, P.E.
Address:	PO BOX 20,000, Las Cruces, NM 88004
Department	Public Works Department
Phone:	505-528-3333
E-mail:	<a href="mailto:mjohnson@las-cruces.org">mjohnson@las-cruces.org</a>



# City of Las Cruces

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## Safety Project Application Highway Safety Improvement Program (NMDOT)

**Project Name:** Traffic Signal Safety Improvements to include emergency preemption devices, UPS (battery backup), Incident Management surveillance cameras

**Location:** Various locations on major arterials throughout the City of Las Cruces

**Costs:**

Design	\$ _____
R-O-W	\$ _____
Construction	\$ 406,000

### **Description of Proposed Work:**

Upgrade of signal equipment at various locations throughout the city to improve emergency vehicle movement, to provide continuous operation of signals during electrical power loss, and remotely monitor traffic during incidents that could disrupt traffic flow.

**Agency Responsible for Design:** City of Las Cruces Public Works Department

**Lead Agency Responsible for Implementation:** City of Las Cruces Public Works Department

### **Actual or Perceived Transportation Safety Hazards:**

Increased traffic congestion within the city has also increased the concern to provide emergency preemption at traffic signals to assist emergency vehicles in responding to calls. Battery backup systems have been incrementally installed in certain high volume locations to allow signals to remain in operation in the event of power loss. This allows traffic flow to remain unaffected during the outage thus mitigating the chance of heavy congestion, delays, and subsequent crashes from occurring.

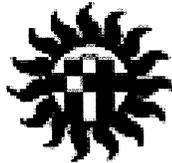
Incident management cameras operated via wireless radio communication are essential in monitoring of vehicles remotely during any type of event which could disrupt traffic flow. This would minimize traffic delays and crashes and keep the road system operating at optimum level of service.

These above devices would be installed by in-house crews at traffic signals located on heavily traveled major arterials with traffic volumes exceeding 20,000 ADT.

**Application Submitted By:** \_\_\_\_\_ Date: 1-11-10  
(Please Sign)

**Contact Information:**

Name (printed):	Michael D. Johnson, P.E.
Address:	PO Box 20,000, Las Cruces, NM. 88004
Department:	Public Works
Phone:	505-528-3333
E-mail:	mjohnson@las-cruces.org



# City of Las Cruces

People Helping People

## Safety Project Application Highway Safety Improvement Program (NMDOT)

**Project Name:** Traffic Warning Flashers – Roadrunner Parkway at Veteran’s Park and Fire Station Zones

**Location:** Pedestrian Crossing on Roadrunner Parkway at Veteran’s Park; Fire Stations located at 2750 Northrise Drive (2 locations), 2803 E. Missouri Avenue, and 1199 E. Foster Road (2 locations).

<b><u>Costs:</u></b>	<b>Design</b>	<b>\$60,000</b>	
	<b>R-O-W</b>	<b>\$20,000</b>	<b>TOTAL NEED: \$230,000</b>
	<b>Construction:</b>	<b>\$150,000</b>	

### **Description of Proposed Work:**

Installation of a pedestrian actuated flashing beacon along with midblock crossing across Roadrunner Parkway at Veteran’s Park. Also flashers with remote actuation are to be investigated around three Fire Station locations in close proximity to major arterials. Flasher installations could involve the purchase of necessary right of way for placement of flashers and conduit system (as necessary).

**Agency Responsible for Design:** City of Las Cruces - Public Works Department

**Lead Agency Responsible for Implementation:** City of Las Cruces – Public Works Department

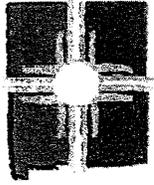
### **Actual or Perceived Transportation Safety Hazards:**

Because Veteran’s Park, located on a major arterial (Roadrunner Parkway) holds many civic events and attracts pedestrian traffic from nearby neighborhood areas, a pedestrian crossing complete with advanced warning beacons, signs, and markings is needed. This is essential in warning oncoming high speed vehicles (+40 MPH) whenever there are pedestrians in the crosswalk area. The age of the pedestrian can vary from young children to elderly citizens and therefore additional traffic control is needed.

Because all of the fire station locations are adjacent to current arterial sections, access by Fire Department emergency response personnel with minimal delay is essential. The use of ITS systems to actuate the flashing system remotely is also essential for better compliance by the motorist. Additionally, several of the City’s Fire Stations are located in high traffic areas which make it difficult for the emergency responders to get in and out of the Stations when needs are urgent. Public awareness of these hazardous areas is needed to provide a safe and effective operating system.

**Application Submitted By:** \_\_\_\_\_ Date: 1-11-10  
(Please Sign)

**Contact Information:** Name (printed): Michael D. Johnson, P.E.  
Address: PO BOX 20,000, Las Cruces, NM 88004  
Department: Public Works Department  
Phone: 505-528-3333  
E-mail: mjohanson@las-cruces.org



*New Mexico* DEPARTMENT OF  
**TRANSPORTATION**  
 MOBILITY FOR EVERYONE

Attachment "B"

**MEMORANDUM**

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Date: October 21, 2009  
 From: Steve Eagan, Safety Project Engineer, Traffic Technical Support Bureau  
 To: NMDOT Staff, NM MPOs, NM RPOs  
 Subject: New Mexico Highway Safety Improvement Program:  
 FY 2010 and FY 2011 Request for Safety Project Applications

This is an announcement that, as part of the New Mexico Highway Safety Improvement Program (NM HSIP), the NMDOT is now requesting proposals for engineering type stand-alone transportation safety improvement projects for consideration for funding in the appropriate forthcoming FY 2011 and FY 2012 program years of the current NM State Transportation Improvement Program (STIP). Projects that can be ready for bidding on or before August 23, 2010, can be submitted for consideration for the FY 2010 end of year close-out. Proposed projects in metropolitan areas, if approved for competitive funding at the state wide level, will be coordinated with the appropriate Metropolitan Planning Organization for programming in the appropriate program year of the corresponding metropolitan Transportation Improvement Program prior to programming and placement in the NM STIP.

City streets, sidewalks, bikeways, pedestrian trails, county roads, and tribal roads are eligible facilities, as well as state highways. For each proposed project the latest version Application for Safety Improvement Projects form must be completed. See attachment.

The deadline for application submittal for projects in late FY 2010 and FY 2011 is February 25, 2010. Applications can be submitted to the NMDOT General Office at one of the addresses listed below at anytime up to the deadline date. Applications for projects in FY2012 or later will be accepted on a continuing basis throughout the year.

Submittals from cities, counties, tribal governments, and other local agencies must be sent first by hand delivery, regular mail, or email to their respective Metropolitan Planning Organization (MPO) or Regional Planning Organization (RPO) for review, processing, and approval and then have the MPO or RPO submit the safety project applications to the NMDOT General Office. See attached file for MPO and RPO contact names, phone numbers, email and regular mail addresses.

NMDOT General Office Bureaus and NMDOT District Offices may submit safety project applications by hand delivery, regular mail, or email directly to the NMDOT General Office.

RPOs, MPOs, and NMDOT District Offices should submit applications by hand delivery, regular mail, or email to the NMDOT General Office at this address.

Hand Delivery to office of Steve Eagan:  
282 S. Camino del Pueblo, Suite 2C  
Bernalillo, NM 87004

Regular Mail:  
Steve Eagan, Safety Project Engineer  
New Mexico Department of Transportation  
Traffic Technical Support Bureau, Room 224  
PO Box 1149  
Santa Fe, NM 87504

E-mail:  
[steve.eagan@state.nm.us](mailto:steve.eagan@state.nm.us)

Steve Eagan Office Cell Phone: (505) 490-3063

~~All tribal/local safety project applications may only be processed through their appropriate MPO or RPO.~~ Local government agencies must not directly send or copy to the General Office of NMDOT any submission of a local government sponsored safety project application. ~~Only their MPO or RPO is empowered to do that.~~

It is assumed that tribes, cities, counties, transit districts, and any other local agencies will be submitting safety project applications for safety improvements to locally maintained surface transportation facilities (typically tribal roads, municipal streets, and county roads). If a local government is proposing any improvements to a NMDOT highway segment maintained by NMDOT that passes through their jurisdiction, then it is required on the application form to provide a statement of support for the proposed project from the appropriate NMDOT District Office. Any such local agency safety project application that fails to include a NMDOT District statement for support that is submitted by an RPO or MPO to the NMDOT General Office will be rejected automatically without review

All received safety project applications are in competition with each other at the state wide level. Safety funds are eligible for funding the costs of studies, right of way acquisition associated with project improvements, project development costs (such as environmental clearance), project design, project construction and non-construction program operation.

The NMDOT General Office Safety Project Selection Committee will meet periodically throughout the year to make funding award decisions on received applications submitted by other offices within NMDOT and the MPOs and RPOs. The committee will meet in late March 2010 to make selections for the FY 2011 HSIP program.

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Selection of proposed safety projects for safety funding, including concurrence by the NM Division Office of FHWA, will occur shortly thereafter each funding award decision by the NMDOT General Office Safety Project Selection Committee. Following project selection, the agencies with awarded safety projects will be notified. Based on the details of the proposed project and its stage of development that is documented in the application, the awarded safety projects will be programmed as amendments into the appropriate forthcoming Program Year of the STIP. All proposed safety projects rejected during one review period can be submitted again in a subsequent review period by being designated as a Reapplication on the application form.

In an effort to assist local, county and tribal governments in competing for HSIP funding, the NMDOT has developed a program to provide technical assistance to any agency who feels they have a safety issue but does not have the resources, either staffing or financial, to complete the necessary analysis to compete for funding. An interested agency should submitted a formal written request for assistance to the State Traffic Engineer including a detailed explanation the issue and/or conditions to be addressed.

The requests can be sent to:

Hand Delivery to office of Elias Archuleta:  
1120 Cerrillos Road  
Santa Fe, NM 87504

Regular Mail:

Elias Archuleta, State Traffic Engineer  
New Mexico Department of Transportation  
Traffic Technical Support Bureau, Room 208  
PO Box 1149  
Santa Fe, NM 87504

E-mail:

[elias.archuleta@state.nm.us](mailto:elias.archuleta@state.nm.us)

Office Phone: (505) 827-9853

If approved, the agency can receive technical support to analyze the situation, prepare a safety analysis and prepare an application for HSIP funding. If the project is selected the agency can then request additional assistance for designing and preparing construction plan for the approved project. The program was created to ensure that all agencies regardless of size or staffing have a equal chance a competing for these funds. The MPO's and RPO's shall be copied on all requests for technical assistance and if an application is to be prepared the application must be approved by the MPO or RPO prior to being submitted.

All proposed safety projects located in a metropolitan area must be also be approved by the appropriate MPO as an amendment to their metropolitan Transportation Improvement Program (TIP) before it is submitted for final approval as an amendment to the STIP, if the application is approved. Any tribal/local government lead agency

which is the lead agency to develop and construct an approved safety project, must then begin the process of achieving a contract agreement between that tribal/local government agency and NMDOT via the NMDOT Local Government Agreement Unit. See NMDOT web site for details: <http://nmshtd.state.nm.us/main.asp?secid=11187>

Approved safety projects will be funded by one or more of the following safety funding categories, based on the available amount apportioned annually to New Mexico:

- FHWA sponsored Highway Safety Improvement Program (HSIP)
- High Risk Rural Roads Program ( a subset of HSIP )
- NHTSA Impaired Driver Laws (Section 164) Sanctioned Program (HSP).

Typical combined annual federal safety funding levels authorized to New Mexico are in the area of \$11 million. However, due to some current unspent balances in these categories, there was a grand total of funding \$26,423,125 for programmed safety projects in New Mexico from October 1, 2008 through August 21, 2009. The Federal Highway–Railroad Crossing Safety funding category is administered separately by the Land Management Division, Right of Way Bureau, Utilities /Rail Unit at NMDOT.

The federal funding share is usually 90% and rarely 100%. It is the policy of NMDOT that any non-federal match will be covered by state funds, and thus no local agency with an awarded safety project will need to provide any non-federal matching funds.

The MPO or RPO organization may initially review and take action concerning any local government sponsored safety project application based on their program schedules. The MPO or RPO organization may choose which projects they wish to forward to the General Office of NMDOT for review for statewide competition for consideration for funding. Any application submissions that miss a given review deadline are automatically eligible and will be reviewed for the next NM HSIP review period. Please notify us if alternate funding or other circumstances cause a delayed proposed safety project application review to become obsolete.

The total proposed project cost should not exceed \$2,000,000, and proposed safety projects likely to be awarded with competitive safety funds will generally cost much less than this maximum allowable amount. They should be evidence based and data driven. The most successful proposed engineering type safety projects that will receive funding approval will likely be prioritized based on:

- crash analysis data showing fatal or serious injury crash history, or
- crash analysis data showing evidence of crash history of a particular type that can be easily corrected by the proposed safety project, or
- a traffic conflicts analysis study (engineering safety study) with results showing a traffic hazard with the proposed safety project generating countermeasures to reduce the identified traffic hazard.

Crash Data is available from multiple local and regional sources which may be utilized as appropriate. Applicants needing crash data from NMDOT should seek assistance from your MPO or RPO planner to get this data or contact Linda Montoya at the

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NMDOT Traffic Safety Bureau, by email at [http://Linda.Montoya12@state.nm.us](mailto:Linda.Montoya12@state.nm.us) or by phone at 505-827-5292.

All proposed projects must be stand-alone safety improvement projects. Generally, project applications will not be selected for partial funding with safety funds allocated for ancillary safety features in a proposed capital improvement project that is otherwise predominantly not a safety improvement project, but is, instead, composed of structural, pavement, or other high capital intensive engineering improvements to a surface transportation facility.

All safety projects must propose safety countermeasure strategies related to the current emphasis areas of the NM Comprehensive Transportation Safety Plan (CTSP). The current emphasis areas are:

1. Aggressive Driving and Speeding
2. Alcohol/Impaired Driving
3. Emergency Medical Services
4. Fatigued/ Distracted Driving
5. Intersections
6. Lane Departures
7. Native Americans
8. Occupant Protection
9. Special Road Users
  - 9.1 Pedestrian/ Bicycle / Equestrian
  - 9.2 Elderly Drivers
  - 9.3 Motorcycles
10. Traffic Records
11. Young Drivers

Below are listed typical strategies related to corresponding CTSP emphasis areas which contain primarily engineering related countermeasures. These strategies listed are not meant to be an exhaustive list. Others not listed will also be considered.

- pavement markings,
- warning signs,
- regulatory signs,
- chevrons,
- delineators,
- cable median barriers,
- concrete median barriers,
- median and shoulder guardrail and attenuation devices,
- roadway lighting,
- longitudinal shoulder rumble strips on rural roadways with four feet or wider shoulders,
- adjusting access locations on a roadway segment (access control),

- changeable message signs and other components of the Intelligent Transportation Systems (ITS) Program in NM,
- fencing to reduce wild life and livestock animal hits in rural areas,
- ~~signalizing an unsignalized intersection~~
- ~~warning flashing signals on approaches to intersections,~~
- horizontal and vertical curve realignment,
- channelizing intersection improvements such as turning lanes, acceleration lanes and deceleration lanes,
- cut back overhanging vegetation in roadside obstructing travel lanes,
- cut back vegetation in roadside to reduce severity of lane departure fixed object crashes,
- cut back vegetation in roadside to increase visibility and avoidance of animals in roadside to reduce animal hit crashes,
- re-grade unpaved shoulders to eliminate travel lane pavement drop off,
- overlay paved shoulders to eliminate higher level paved travel lane drop off to lower level paved shoulder,
- intersection relocation to reduce hazards of potential traffic collisions,
- re-striping centerlines of poorly maintained rural county roads and tribal roads to reduce likelihood of head-on crashes and lane departure crashes,
- ~~Enhanced crosswalk pavement markings and signing to reduce pedestrian involved crashes.~~
- Community Pedestrian Travel Demand Study,
- ~~Install signs, sidewalks, curb and gutter, median refuges, pedestrian detectors, and other devices to reduce pedestrian involved crashes.~~
- Urban Travel Lane Bus stop relocation to reduce vehicle queuing in intersection
- Improved Geometry of horizontal curves,
- Widen roadside clear zones, by removing, delineating, shielding or relocating fixed objects or other hazardous objects,
- ~~Improvements to existing traffic signal devices,~~
- channelizing intersections,
- construct acceleration and deceleration lanes at intersections,
- augmenting Section 130 highway – railroad crossing safety funds with additional HSIP funds for improved crossing signals, gates, pavement markings, signs, crossing surface, and lighting at highway-railroad at-grade crossings,
- ~~New generation pedestrian count-down signals at pedestrian crosswalks or intersections,~~
- install fencing to prevent unauthorized pedestrian travel and to separate pedestrians from vehicular traffic,
- construct relatively low construction cost pedestrian crossing grade separations for relatively high pedestrian traffic volume benefit.

One NMDOT resource is recommended for your consideration. Using the most recent five years of crash data available, Calendar Years 2004 through 2008, it is a listing of locations exhibiting concentrations of severe crashes. It is the FY 2009 version of the 5% Most Severe Safety Needs Report, titled "FY 2009 New Mexico Transparency Report." It is located within Section 3 of the FY 2009 NM Highway Safety Improvement

Program Annual Report. A copy of the FY 2009 NM Highway Safety Improvement Program Annual Report can be accessed at this NMDOT web site address:  
<http://nmshtd.state.nm.us/main.asp?secid=15509>.

Another source that can be consulted is *General Crash Data and Trends, 2000-2007 for the Albuquerque Metropolitan Planning Area* published by the Mid Region Council of Governments (MRCOG). A copy of this report can be accessed at:

<http://www.mrcog-nm.gov/content/view/259/272> located at the MRCOG website.

### Questions

If you have any questions please contact Steve Eagan by E-mail:  
[steve.eagan@state.nm.us](mailto:steve.eagan@state.nm.us) or by phone: (505) 490-3063.