



Highway Safety Improvement Program
Data Driven Decisions

Texas
Highway Safety Improvement Program
2014 Annual Report

Prepared by: TX

Disclaimer

Protection of Data from Discovery & Admission into Evidence

23 U.S.C. 148(h)(4) states “Notwithstanding any other provision of law, reports, surveys, schedules, lists, or data compiled or collected for any purpose relating to this section [HSIP], shall not be subject to discovery or admitted into evidence in a Federal or State court proceeding or considered for other purposes in any action for damages arising from any occurrence at a location identified or addressed in the reports, surveys, schedules, lists, or other data.”

23 U.S.C. 409 states “Notwithstanding any other provision of law, reports, surveys, schedules, lists, or data compiled or collected for the purpose of identifying, evaluating, or planning the safety enhancement of potential accident sites, hazardous roadway conditions, or railway-highway crossings, pursuant to sections 130, 144, and 148 of this title or for the purpose of developing any highway safety construction improvement project which may be implemented utilizing Federal-aid highway funds shall not be subject to discovery or admitted into evidence in a Federal or State court proceeding or considered for other purposes in any action for damages arising from any occurrence at a location mentioned or addressed in such reports, surveys, schedules, lists, or data.”

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Executive Summary

The Highway Safety Improvement Program (HSIP), created under 23 USC § 148, is a federal safety construction program designed to reduce the number and severity of traffic crashes. The program objectives are accomplished through "highway safety projects".

HSIP safety projects are generally focused on the following types of work:

- * Curve Improvements
- * Grade Separations
- * Intersection Improvements
- * Rumble Strips
- * Off-System Improvements
- * Widening Highways

Other types of highway safety projects may include safety treating fixed objects in the right-of-way, installing median barriers, safety lighting, etc.

The HSIP is administered by the Texas Department of Transportation, Traffic Operations Division (TRF). TRF requests proposed highway safety projects from the districts through a statewide program call on an annual basis.

These projects may range from spot safety improvements and upgrading of existing conditions to new roadway construction (such as grade separations). Typically highway safety projects are small in scope, low in cost, and can be let to contract within 3 years.

Project Selection

All eligible proposed highway safety projects are subjected to a benefit/cost analysis. The formula used for this purpose is the Safety Improvement Index (SII).

In its most basic form, the SII is the ratio of the cost of crashes that have occurred at a location to the cost of constructing the proposed improvement.

Funding Limitations

Approximately, 20 to 30% of eligible project proposals are funded each program year.

Fiscal Year

The Texas State Fiscal Year is September 1 - August 31.

Introduction

The Highway Safety Improvement Program (HSIP) is a core Federal-aid program with the purpose of achieving a significant reduction in fatalities and serious injuries on all public roads. As per 23 U.S.C. 148(h) and 23 CFR 924.15, States are required to report annually on the progress being made to advance HSIP implementation and evaluation efforts. The format of this report is consistent with the HSIP MAP-21 Reporting Guidance dated February 13, 2013 and consists of four sections: program structure, progress in implementing HSIP projects, progress in achieving safety performance targets, and assessment of the effectiveness of the improvements.

Program Structure

Program Administration

How are Highway Safety Improvement Program funds allocated in a State?

Central

District

Other

Describe how local roads are addressed as part of Highway Safety Improvement Program.

Local roads receive the same consideration as roads on the state highway system. They are subjected to the same cost/benefit analysis.

Identify which internal partners are involved with Highway Safety Improvement Program planning.

Design

Planning

- Maintenance
- Operations
- Governors Highway Safety Office
- Other:

Briefly describe coordination with internal partners.

1. TRF (Central) - Using the most current Strategic Highway Safety Plan (SHSP), the program safety emphasis areas are identified.
2. TRF (Central) - Identifies potential project locations that qualify for improvements in the identified program emphasis area using the three most current years of crash data.
3. District (Design/Operations) - Evaluates each identified location to determine if the project is feasible and to verify that appropriate countermeasures addressing the location's safety needs have not already been implemented or scheduled for construction.
4. District (Design/Operations) - Works with area offices and local governments to gather additional location information and to identify any potential locations that may have been excluded due to incomplete or inaccurate crash and roadway data.
5. District (Design/Operations) - For projects determined to be feasible, conducts a field evaluation to determine the appropriate countermeasure and develop a detailed estimate.
6. District (Design/Operations) - Completes and submits projects containing requested data to the Texas Department of Transportation (TxDOT) Traffic Operations Division (TRF) along with the necessary backup data (typical sections, layouts, etc.) in response to the program call.
7. TRF (Central) - Analyzes the proposed highway safety projects for HSIP eligibility, data accuracy, and conformance with design standards.
8. TRF (Central) - Analyzes each eligible project's Safety Improvement Index (SII), then puts the projects into priority order based on the results.

9. TRF (Central) - Places projects in the HSIP according to priority and appropriated federal funding, then sends listing of highway safety projects selected for funding in the HSIP to the districts.
10. District (Design/Operations) - Sets projects up in the Design/Construction Information System (DCIS) in the assigned work program and may include qualifying projects in the Transportation Improvement Program (TIP) as appropriate.
11. District (Design/Operations) - Notifies TRF of an overrun of a HSIP project's authorized funds prior to Plans, Specifications and Estimate (PS&E) submittal.
12. District (Design/Operations) - Submits PS&E for HSIP projects to TRF in accordance with standard PS&E submission schedule.
13. TRF (Central) - Handles overruns of project authorized funds at the divisional PS&E review stage in accordance with the current TxDOT policy.

Identify which external partners are involved with Highway Safety Improvement Program planning.

- Metropolitan Planning Organizations
- Governors Highway Safety Office
- Local Government Association
- Other:

Identify any program administration practices used to implement the HSIP that have changed since the last reporting period.

- Multi-disciplinary HSIP steering committee
- Other: Other-No change

Describe any other aspects of Highway Safety Improvement Program Administration on which you would like to elaborate.

We do not have anything on which to elaborate.

Program Methodology

Select the programs that are administered under the HSIP.

- | | | |
|--|---|---|
| <input type="checkbox"/> Median Barrier | <input type="checkbox"/> Intersection | <input type="checkbox"/> Safe Corridor |
| <input type="checkbox"/> Horizontal Curve | <input type="checkbox"/> Bicycle Safety | <input type="checkbox"/> Rural State Highways |
| <input type="checkbox"/> Skid Hazard | <input type="checkbox"/> Crash Data | <input type="checkbox"/> Red Light Running Prevention |
| <input type="checkbox"/> Roadway Departure | <input type="checkbox"/> Low-Cost Spot Improvements | <input type="checkbox"/> Sign Replacement And Improvement |
| <input type="checkbox"/> Local Safety | <input type="checkbox"/> Pedestrian Safety | <input type="checkbox"/> Right Angle Crash |
| <input type="checkbox"/> Left Turn Crash | <input type="checkbox"/> Shoulder Improvement | <input type="checkbox"/> Segments |
| <input checked="" type="checkbox"/> Other: Other-No subprograms under HSIP | | |

Program: Other-No subprograms under HSIP

Date of Program Methodology: 9/1/2013

What data types were used in the program methodology?

Crashes

Exposure

Roadway

- | | | |
|---|--|--|
| <input type="checkbox"/> All crashes | <input type="checkbox"/> Traffic | <input type="checkbox"/> Median width |
| <input type="checkbox"/> Fatal crashes only | <input checked="" type="checkbox"/> Volume | <input type="checkbox"/> Horizontal curvature |
| <input checked="" type="checkbox"/> Fatal and serious injury crashes only | <input type="checkbox"/> Population | <input type="checkbox"/> Functional classification |
| <input type="checkbox"/> Other | <input type="checkbox"/> Lane miles | <input type="checkbox"/> Roadside features |
| | <input type="checkbox"/> Other | <input type="checkbox"/> Other |

What project identification methodology was used for this program?

- Crash frequency
- Expected crash frequency with EB adjustment
- Equivalent property damage only (EPDO Crash frequency)
- EPDO crash frequency with EB adjustment
- Relative severity index
- Crash rate
- Critical rate
- Level of service of safety (LOSS)
- Excess expected crash frequency using SPFs
- Excess expected crash frequency with the EB adjustment
- Excess expected crash frequency using method of moments
- Probability of specific crash types
- Excess proportions of specific crash types
- Other

Are local roads (non-state owned and operated) included or addressed in this program?

- Yes

No

If yes, are local road projects identified using the same methodology as state roads?

 Yes No

How are highway safety improvement projects advanced for implementation?

 Competitive application process Selection committee Other

Select the processes used to prioritize projects for implementation. For the methods selected, indicate the relative importance of each process in project prioritization. Enter either the weights or numerical rankings. If weights are entered, the sum must equal 100. If ranks are entered, indicate ties by giving both processes the same rank and skip the next highest rank (as an example: 1, 2, 2, 4).

 Relative Weight in Scoring Rank of Priority Consideration Ranking based on B/C 1 Available funding 2 Incremental B/C Ranking based on net benefit Other

What proportion of highway safety improvement program funds address systemic improvements?

0

Highway safety improvement program funds are used to address which of the following systemic improvements?

- | | |
|---|--|
| <input type="checkbox"/> Cable Median Barriers | <input type="checkbox"/> Rumble Strips |
| <input type="checkbox"/> Traffic Control Device Rehabilitation | <input type="checkbox"/> Pavement/Shoulder Widening |
| <input type="checkbox"/> Install/Improve Signing | <input type="checkbox"/> Install/Improve Pavement Marking and/or Delineation |
| <input type="checkbox"/> Upgrade Guard Rails | <input type="checkbox"/> Clear Zone Improvements |
| <input type="checkbox"/> Safety Edge | <input type="checkbox"/> Install/Improve Lighting |
| <input type="checkbox"/> Add/Upgrade/Modify/Remove Traffic Signal | <input type="checkbox"/> Other |

What process is used to identify potential countermeasures?

- Engineering Study
- Road Safety Assessment
- Other:

Identify any program methodology practices used to implement the HSIP that have changed since the last reporting period.

Highway Safety Manual

Road Safety audits

Systemic Approach

Other: Other-No change

Describe any other aspects of the Highway Safety Improvement Program methodology on which you would like to elaborate.

We do not have anything on which to elaborate.

Progress in Implementing Projects

Funds Programmed

Reporting period for Highway Safety Improvement Program funding.

Calendar Year

State Fiscal Year

Federal Fiscal Year

Enter the programmed and obligated funding for each applicable funding category.

Funding Category	Programmed*		Obligated	
HSIP (Section 148)	274114504	100 %	159377661.75	99 %
HRRRP (SAFETEA-LU)	0	0 %	1703562	1 %
HRRR Special Rule				
Penalty Transfer - Section 154				
Penalty Transfer - Section 164				
Incentive Grants - Section 163				
Incentive Grants (Section 406)				
Other Federal-aid Funds (i.e. STP, NHPP)				
State and Local Funds				

Totals	274114504	100%	161081223.75	100%
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How much funding is programmed to local (non-state owned and maintained) safety projects?

\$10,847,755.00

How much funding is obligated to local safety projects?

\$0.00

How much funding is programmed to non-infrastructure safety projects?

\$0.00

How much funding is obligated to non-infrastructure safety projects?

\$6,000,000.00

How much funding was transferred in to the HSIP from other core program areas during the reporting period?

\$0.00

How much funding was transferred out of the HSIP to other core program areas during the reporting period?

\$0.00

Discuss impediments to obligating Highway Safety Improvement Program funds and plans to overcome this in the future.

We do not have any impediments to obligating our HSIP funds at this time. Our Administration is supportive of the program and provides us with appropriate obligation authority.

Describe any other aspects of the general Highway Safety Improvement Program implementation progress on which you would like to elaborate.

We do not have anything on which to elaborate.

General Listing of Projects

List each highway safety improvement project obligated during the reporting period.

Project	Improvement Category	Output	HSIP Cost	Total Cost	Funding Category	Functional Classification	AADT	Speed	Roadway Ownership	Relationship to SHSP	
										Emphasis Area	Strategy
STP 2014(719)HES	Roadside Barrier- metal	13 Miles	622587	622587	HSIP (Section 148)	Rural Major Collector	3000	0	State Highway Agency	Roadway Departure	Continue to remove trees, relocate utility poles, and protect culverts or remediate risks by other means.
STP 2014(918)HES	Access management Raised island - install new	1 Miles	1037300	8078571	HSIP (Section 148)	Urban Principal Arterial - Other	23000	0		Lane Departure	Increase more concrete and cable median

											barriers.
STP 2014(765)H ES	Alignment Horizontal and vertical alignment	1 Miles	10769 00	17297 26	HSIP (Section 148)	Rural Major Collector	1550	0		Roadway Departure	Provide progressive levels of treatment for curves based on crash experience. Treatments might include increased use of chevron signs, use of speed activated curve warnings and LED curve displays, and textured pavement .

<p>STP 2014(552)H RR</p>	<p>Shoulder treatments Widen shoulder - paved or other</p>	<p>5 Miles</p>	<p>26939 02</p>	<p>28498 16</p>	<p>HRRRP (SAFET EA-LU)</p>	<p>Rural Major Collector</p>	<p>2600</p>	<p>0</p>		<p>Roadway Departur e</p>	<p>Increase the use of paved shoulders on FM roads to increase the "forgiven ess" of the road during road departure s.</p>
<p>STP 2014(035)H ES</p>	<p>Intersection traffic control Intersection traffic control - other</p>	<p>1 Numb ers</p>	<p>95963 2</p>	<p>95963 2</p>	<p>HSIP (Sectio n 148)</p>	<p>Urban Principal Arterial - Other Freeways and Expressw ays</p>	<p>5300</p>	<p>0</p>		<p>Intersecti ons</p>	<p>Implemen t engineeri ng solutions to reduce red-light running, such as changes in signal timing (i.e., longer</p>

											yellow, all-red phase).
STP 2014(336)HES	Shoulder treatments Widen shoulder - paved or other	6 Miles	1440516	1440516	HSIP (Section 148)	Rural Minor Collector	650	0		Roadway Departures	Increase the use of paved shoulders on FM roads to increase the "forgiveness" of the road during road departures.
STP 2014(919)HES	Intersection geometry Auxiliary lanes - add left-turn lane	1 Numbers	4094000	5951898	HSIP (Section 148)	Urban Minor Arterial	18300	0		Intersections	Add more turn bays and acceleration lanes on high-speed rural roads.

<p>STP 2014(665)H ES</p>	<p>Shoulder treatments Widen shoulder - paved or other</p>	<p>6 Miles</p>	<p>29130 97</p>	<p>29130 97</p>	<p>HSIP (Section 148)</p>	<p>Rural Minor Collector</p>	<p>1700</p>	<p>0</p>		<p>Roadway Departure</p>	<p>Increase the use of paved shoulders on FM roads to increase the "forgiveness" of the road during road departures.</p>
<p>STP 1402(037)H ES</p>	<p>Shoulder treatments Widen shoulder - paved or other</p>	<p>6 Miles</p>	<p>37425 67</p>	<p>37425 67</p>	<p>HSIP (Section 148)</p>	<p>Rural Major Collector</p>	<p>850</p>	<p>0</p>		<p>Roadway Departure</p>	<p>Increase the use of paved shoulders on FM roads to increase the "forgiveness" of the road during road departure</p>

											s.
STP 2014(210)H ES	Shoulder treatments Widen shoulder - paved or other	10 Miles	32010 00	37718 00	HSIP (Section 148)	Rural Minor Collector	200	0		Roadway Departure	Increase the use of paved shoulders on FM roads to increase the "forgiveness" of the road during road departures.
STP 2014(720)H ES	Shoulder treatments Widen shoulder - paved or other	7 Miles	31733 22	31733 22	HSIP (Section 148)	Rural Major Collector	950	0		Roadway Departure	Increase the use of paved shoulders on FM roads to increase the "forgiveness" of the road during

											road departure s.
STP 2014(014)HES	Shoulder treatments Widen shoulder - paved or other	20 Miles	3806543	3806543	HSIP (Section 148)	Rural Major Collector	1350	0		Roadway Departure	Increase the use of paved shoulders on FM roads to increase the "forgiveness" of the road during road departure s.
STP 2014(056)HES	Shoulder treatments Widen shoulder - paved or other	7 Miles	3175645	3175645	HSIP (Section 148)	Rural Major Collector	3000	0		Roadway Departure	Increase the use of paved shoulders on FM roads to increase the "forgiveness" of

											the road during road departures.
STP 2014(645)HES	Shoulder treatments Widen shoulder - paved or other	6 Miles	1235167	1235167	HSIP (Section 148)	Rural Minor Collector	960	0		Roadway Departure	Increase the use of paved shoulders on FM roads to increase the "forgiveness" of the road during road departures.
STP 2014(746)HES	Shoulder treatments Widen shoulder - paved or other	6 Miles	2371297	2371297	HSIP (Section 148)	Rural Major Collector	2000	0		Roadway Departure	Increase the use of paved shoulders on FM roads to increase the

											"forgiveness" of the road during road departures.
STP 2014(644)HES	Shoulder treatments Widen shoulder - paved or other	6 Miles	18873 37	18873 37	HSIP (Section 148)	Rural Minor Collector	1350	0		Roadway Departure	Increase the use of paved shoulders on FM roads to increase the "forgiveness" of the road during road departures.
STP 2014(057)HES	Shoulder treatments Widen shoulder - paved or other	10 Miles	33094 94	33094 94	HSIP (Section 148)	Rural Minor Collector	900	0		Roadway Departure	Increase the use of paved shoulders on FM roads to

											increase the "forgiveness" of the road during road departures.
STP 2014(483)HES	Intersection geometry Intersection geometry - other	1 Numbers	33550 20	33550 20	HSIP (Section 148)	Rural Principal Arterial - Interstate	4100 0	0		Intersections	Eliminate limited sight distance on all roads. This includes high speed rural and urban intersections where sight distance limitations exist due to

											vegetation, signing, and other obstructions.
STP 2014(933)HES	Shoulder treatments Widen shoulder - paved or other	9 Miles	31875 15	31875 15	HSIP (Section 148)	Rural Major Collector	980	0		Roadway Departure	Increase the use of paved shoulders on FM roads to increase the "forgiveness" of the road during road departures.
STP 2014(214)HES	Shoulder treatments Widen shoulder - paved or other	14 Miles	43050 79	43050 79	HSIP (Section 148)	Rural Major Collector	2600	0		Roadway Departure	Increase the use of paved shoulders on FM roads to increase the

											"forgiveness" of the road during road departures.
STP 2014(628)HES	Shoulder treatments Widen shoulder - paved or other	6 Miles	26199 06	26199 06	HSIP (Section 148)	Rural Minor Collector	80	0		Roadway Departure	Increase the use of paved shoulders on FM roads to increase the "forgiveness" of the road during road departures.
STP 2014(013)HES	Shoulder treatments Widen shoulder - paved or other	4 Miles	29394 10	29394 10	HSIP (Section 148)	Rural Major Collector	2900	0		Roadway Departure	Increase the use of paved shoulders on FM roads to

											increase the "forgiveness" of the road during road departures.
STP 2013(903)HES	Shoulder treatments Widen shoulder - paved or other	7 Miles	3882193	3882193	HSIP (Section 148)	Rural Major Collector	760	0		Roadway Departure	Increase the use of paved shoulders on FM roads to increase the "forgiveness" of the road during road departures.
STP 2014(006)HES	Shoulder treatments Widen shoulder - paved or other	4 Miles	3337173	3337173	HSIP (Section 148)	Rural Major Collector	3800	0		Roadway Departure	Increase the use of paved shoulders

											on FM roads to increase the "forgiveness" of the road during road departures.
STP 2014(767)HES	Shoulder treatments Widen shoulder - paved or other	9 Miles	33552 75	94198 82	HSIP (Section 148)	Rural Major Collector	1450	0		Roadway Departure	Increase the use of paved shoulders on FM roads to increase the "forgiveness" of the road during road departures.
STP 2014(700)H	Shoulder treatments Widen shoulder - paved	8	55360	55360	HSIP (Section 148)	Rural Minor	1150	0		Roadway Departure	Increase the use of

ES	or other	Miles	32	32	n 148)	Arterial				e	paved shoulders on FM roads to increase the "forgiveness" of the road during road departures.
STP 1402(180)H ES	Shoulder treatments Widen shoulder - paved or other	5 Miles	37856 43	59971 70	HSIP (Section 148)	Rural Major Collector	1900	0		Roadway Departure	Increase the use of paved shoulders on FM roads to increase the "forgiveness" of the road during road departures.

<p>STP 2014(934)H ES</p>	<p>Shoulder treatments Widen shoulder - paved or other</p>	<p>7 Miles</p>	<p>25468 40</p>	<p>25468 40</p>	<p>HSIP (Section 148)</p>	<p>Rural Major Collector</p>	<p>1400</p>	<p>0</p>		<p>Roadway Departure</p>	<p>Increase the use of paved shoulders on FM roads to increase the "forgiveness" of the road during road departures.</p>
<p>STP 2014(007)H ES</p>	<p>Shoulder treatments Widen shoulder - paved or other</p>	<p>6 Miles</p>	<p>24102 27</p>	<p>24102 27</p>	<p>HSIP (Section 148)</p>	<p>Rural Minor Collector</p>	<p>2200</p>	<p>0</p>		<p>Roadway Departure</p>	<p>Increase the use of paved shoulders on FM roads to increase the "forgiveness" of the road during road departure</p>

											s.
STP 2014(007)H ES	Shoulder treatments Widen shoulder - paved or other	4 Miles	18788 87	18788 87	HSIP (Section 148)	Rural Minor Collector	3500	0		Roadway Departure	Increase the use of paved shoulders on FM roads to increase the "forgiveness" of the road during road departures.
STP 2014(664)H RR	Shoulder treatments Widen shoulder - paved or other	7 Miles	25360 22	54049 40	HRRRP (SAFETY EA-LU)	Rural Minor Collector	850	0		Roadway Departure	Increase the use of paved shoulders on FM roads to increase the "forgiveness" of the road during

											road departure s.
STP 2014(271)HRR	Shoulder treatments Widen shoulder - paved or other	4 Miles	20695 52	20695 52	HRRRP (SAFET EA-LU)	Rural Major Collector	240	0		Roadway Departure	Increase the use of paved shoulders on FM roads to increase the "forgiveness" of the road during road departure s.
STP 1102(289)HRR & STP 2014(935)HES	Shoulder treatments Widen shoulder - paved or other	2 Miles	15473 14	15473 14	HSIP (Section 148)	Rural Major Collector	2300	0		Roadway Departure	Increase the use of paved shoulders on FM roads to increase the "forgiveness" of

											the road during road departures.
STP 2014(416)HES	Shoulder treatments Widen shoulder - paved or other	8 Miles	1946120	1946120	HSIP (Section 148)	Rural Major Collector	1750	0		Roadway Departure	Increase the use of paved shoulders on FM roads to increase the "forgiveness" of the road during road departures.
STP 2014(415)HES	Shoulder treatments Widen shoulder - paved or other	11 Miles	2523801	2523801	HSIP (Section 148)	Rural Major Collector	5700	0		Roadway Departure	Increase the use of paved shoulders on FM roads to increase the

											"forgiveness" of the road during road departures.
STP 2014(635)HES	Shoulder treatments Widen shoulder - paved or other	20 Miles	71953 99	71953 99	HSIP (Section 148)	Rural Major Collector	3500	0		Roadway Departure	Increase the use of paved shoulders on FM roads to increase the "forgiveness" of the road during road departures.
STP 2014(012)HES	Shoulder treatments Widen shoulder - paved or other	10 Miles	27200 00	45522 11	HSIP (Section 148)	Rural Major Collector	210	0		Roadway Departure	Increase the use of paved shoulders on FM roads to

											increase the "forgiveness" of the road during road departures.
STP 2014(472)H ESG	Roadway Rumble strips - edge or shoulder	13 Miles	20659	20659	HSIP (Section 148)	Rural Minor Arterial	2500	0		Roadway Departure	Continue to install shoulder and centerline rumble strips
STP 2014(462)H ESG	Roadway Rumble strips - edge or shoulder	10 Miles	12690	12690	HSIP (Section 148)	Rural Principal Arterial - Other	5800	0		Roadway Departure	Continue to install shoulder and centerline rumble strips
STP 2014(463)H ESG	Roadway Rumble strips - edge or shoulder	7 Miles	14705	14705	HSIP (Section 148)	Rural Principal Arterial - Other	5400	0		Roadway Departure	Continue to install shoulder and

											centerline rumble strips
STP 2014(464)H ESG	Roadway Rumble strips - edge or shoulder	16 Miles	21052	21052	HSIP (Section 148)	Rural Principal Arterial - Other	8200	0		Roadway Departure	Continue to install shoulder and centerline rumble strips
STP 2014(467)H ESG	Roadway Rumble strips - edge or shoulder	20 Miles	31579	31579	HSIP (Section 148)	Rural Principal Arterial - Other	3500	0		Roadway Departure	Continue to install shoulder and centerline rumble strips
STP 2014(367)H ESG	Roadway Rumble strips - center	5 Miles	48378	48378	HSIP (Section 148)	Rural Major Collector	1800	0		Lane Departure	Continue to install shoulder and centerline rumble strips
STP 2014(368)H	Lighting Intersection lighting	0 Miles	72312	72312	HSIP (Section 148)	Rural Major	1900	0		Intersections	Implement engineering

ESG					n 148)	Collector					ng solutions to reduce red-light running, such as changes in signal timing (i.e., longer yellow, all-red phase).
STP 2014(369)H ESG	Roadway Rumble strips - center	8 Miles	72318	72318	HSIP (Section 148)	Rural Minor Arterial	3600	0		Lane Departure	Continue to install shoulder and centerline rumble strips
STP 2014(364)H ESG	Roadway Rumble strips - center	8 Miles	76198	76198	HSIP (Section 148)	Rural Major Collector	1000	0		Lane Departure	Continue to install shoulder and centerline rumble

											strips
STP 2014(363)H ESG	Roadway Rumble strips - center	3 Miles	43384	43384	HSIP (Section 148)	Rural Principal Arterial - Other	8000	0		Lane Departure	Continue to install shoulder and centerline rumble strips
STP 2014(362)H ESG	Roadway Rumble strips - center	12 Miles	95885	95885	HSIP (Section 148)	Rural Minor Arterial	7500	0		Lane Departure	Continue to install shoulder and centerline rumble strips
STP 2014(365)H ESG	Roadway Rumble strips - center	16 Miles	87229	87229	HSIP (Section 148)	Rural Minor Collector	5600	0		Lane Departure	Continue to install shoulder and centerline rumble strips
STP 2014(371)H ESG	Roadway Rumble strips - center	10 Miles	80686	80686	HSIP (Section 148)	Rural Minor Arterial	9700	0		Lane Departure	Continue to install shoulder and centerline

											rumble strips
STP 2014(370)H ESG	Roadway Rumble strips - center	9 Miles	70471	70471	HSIP (Section 148)	Rural Minor Arterial	15500	0		Lane Departure	Continue to install shoulder and centerline rumble strips
STP 2014(372)H ESG	Roadway Rumble strips - center	2 Miles	25226	25226	HSIP (Section 148)	Rural Minor Arterial	28000	0		Lane Departure	Continue to install shoulder and centerline rumble strips
STP 2014(366)H ESG	Roadway Rumble strips - center	8 Miles	68337	68337	HSIP (Section 148)	Rural Major Collector	240	0		Lane Departure	Continue to install shoulder and centerline rumble strips
STP 2014(773)H ESG	Roadside Barrier - cable	12 Miles	283210	283210	HSIP (Section 148)	Rural Principal Arterial -	8500	0		Lane Departure	Install more concrete and cable

						Other					median barriers
STP 2014(291)H ESG	Roadway Rumble strips - center	7 Miles	48591	48591	HSIP (Section 148)	Rural Major Collector	1700	0		Lane Departure	Continue to install shoulder and centerline rumble strips
STP 2014(290)H ES	Roadway Rumble strips - edge or shoulder	7 Miles	48768	48768	HSIP (Section 148)	Rural Major Collector	1700	0		Roadway Departure	Continue to install shoulder and centerline rumble strips
STP 2014(288)H ES & STP 2014(289)H ES	Roadway Rumble strips - edge or shoulder	4 Miles	35198	35198	HSIP (Section 148)	Rural Principal Arterial - Other	4600	0		Roadway Departure	Continue to install shoulder and centerline rumble strips
STP 2014(354)H ESG	Roadway Rumble strips - center	11 Miles	56304	56304	HSIP (Section 148)	Rural Principal Arterial -	1500	0		Lane Departure	Continue to install shoulder and

						Other					centerline rumble strips
STP 2014(355)H ESG	Roadway Rumble strips - center	7 Miles	41146	41146	HSIP (Section 148)	Rural Major Collector	3300	0		Lane Departure	Continue to install shoulder and centerline rumble strips
STP 2014(784)H ES	Roadside Barrier- metal	10 Miles	183344	183344	HSIP (Section 148)	Rural Minor Arterial	3500	0		Roadway Departure	Continue to remove trees, relocate utility poles, and protect culverts or remediate risks by other means.
STP 2014(469)H ESG	Roadway Rumble strips - edge or shoulder	13 Miles	21322	21322	HSIP (Section 148)	Rural Major Collector	200	0		Roadway Departure	Continue to install shoulder

											and centerline rumble strips
STP 2014(287)HES	Roadway Rumble strips - edge or shoulder	9 Miles	124922	124922	HSIP (Section 148)	Rural Principal Arterial - Other	11000	0		Roadway Departure	Continue to install shoulder and centerline rumble strips
STP 2014(286)HES	Roadway Rumble strips - edge or shoulder	9 Miles	21489	21489	HSIP (Section 148)	Rural Principal Arterial - Other	5000	0		Roadway Departure	Continue to install shoulder and centerline rumble strips
STP 2014(285)HES	Roadway Rumble strips - edge or shoulder	9 Miles	24317	24317	HSIP (Section 148)	Rural Minor Arterial	6300	0		Roadway Departure	Continue to install shoulder and centerline rumble strips
STP 2014(280)H	Roadway Rumble strips -	12	40228	40228	HSIP (Section	Rural Minor	3800	0		Lane Departure	Continue to install

ESG	center	Miles			n 148)	Arterial				e	shoulder and centerline rumble strips
STP 2014(278)HES	Roadway Rumble strips - edge or shoulder	5 Miles	36458	36458	HSIP (Section 148)	Rural Principal Arterial - Other	11600	0		Roadway Departure	Continue to install shoulder and centerline rumble strips
STP 2014(279)HES	Roadway Rumble strips - edge or shoulder	7 Miles	61708	61708	HSIP (Section 148)	Rural Principal Arterial - Other	8200	0		Roadway Departure	Continue to install shoulder and centerline rumble strips
STP 2014(277)HES	Roadway Rumble strips - edge or shoulder	9 Miles	68493	68493	HSIP (Section 148)	Rural Principal Arterial - Other	7400	0		Roadway Departure	Continue to install shoulder and centerline rumble strips

STP 2014(284)H ESG	Roadway Rumble strips - center	7 Miles	28974	28974	HSIP (Section 148)	Rural Major Collector	2400	0		Lane Departure	Continue to install shoulder and centerline rumble strips
STP 2014(582)H ES & STP 2014(583)H ES	Roadway Rumble strips - edge or shoulder	10 Miles	54916	54916	HSIP (Section 148)	Rural Minor Arterial	9900	0		Roadway Departure	Continue to install shoulder and centerline rumble strips
STP 2014(281)H ES	Roadway Rumble strips - edge or shoulder	7 Miles	17760	17760	HSIP (Section 148)	Rural Minor Arterial	7400	0		Roadway Departure	Continue to install shoulder and centerline rumble strips
STP 2014(414)H ES	Roadway Rumble strips - edge or shoulder	2 Miles	25547	25547	HSIP (Section 148)	Rural Major Collector	630	0		Roadway Departure	Continue to install shoulder and centerline rumble

											strips
STP 2014(283)HES	Roadway Rumble strips - edge or shoulder	7 Miles	17617	17617	HSIP (Section 148)	Rural Principal Arterial - Other	8200	0		Roadway Departure	Continue to install shoulder and centerline rumble strips
STP 2014(482)HRRG	Roadway Rumble strips - edge or shoulder	10 Miles	447647	447647	HRRRP (SAFETEA-LU)	Rural Minor Collector	1500	0		Roadway Departure	Continue to install shoulder and centerline rumble strips
STP 2014(449)HESG	Roadway Rumble strips - edge or shoulder	12 Miles	206271	206271	HSIP (Section 148)	Rural Principal Arterial - Other	19700	0		Roadway Departure	Continue to install shoulder and centerline rumble strips
STP 2014(409)HESG	Roadway Rumble strips - edge or shoulder	6 Miles	216696	216696	HSIP (Section 148)	Rural Minor Arterial	3400	0		Roadway Departure	Continue to install shoulder and centerline

											rumble strips
STP 2014(399)H ESG	Roadway Rumble strips - edge or shoulder	4 Miles	15151 1	15151 1	HSIP (Section 148)	Rural Major Collector	410	0		Roadway Departure	Continue to install shoulder and centerline rumble strips
STP 2014(400)H ESG	Roadway Rumble strips - edge or shoulder	5 Miles	32332 3	32332 3	HSIP (Section 148)	Rural Major Collector	1650	0		Roadway Departure	Continue to install shoulder and centerline rumble strips
STP 2014(401)H ESG	Roadway Rumble strips - edge or shoulder	5 Miles	12945 6	12945 6	HSIP (Section 148)	Rural Minor Arterial	2100	0		Roadway Departure	Continue to install shoulder and centerline rumble strips
STP 2014(402)H ESG	Roadway Rumble strips - edge or shoulder	12 Miles	61173 8	61173 8	HSIP (Section 148)	Urban Principal Arterial -	6500	0		Roadway Departure	Continue to install shoulder and

						Other					centerline rumble strips
STP 2014(403)H ESG	Roadway Rumble strips - edge or shoulder	4 Miles	143206	143206	HSIP (Section 148)	Rural Minor Collector	750	0		Roadway Departure	Continue to install shoulder and centerline rumble strips
STP 2014(492)H ESG	Roadway delineation Roadway delineation - other	3 Miles	401042	401042	HSIP (Section 148)	Rural Major Collector	3800	0		Roadway Departure	Provide progressive levels of treatment for curves based on crash experience. Treatments might include increased use of chevron signs, use of speed activated

											curve warnings and LED curve displays, and textured pavement .
STP 2014(493)H ESG	Roadway Rumble strips - edge or shoulder	3 Miles	311085	311085	HSIP (Section 148)	Rural Major Collector	880	0		Roadway Departure	Continue to install shoulder and centerline rumble strips
STP 2014(448)H ESG	Roadway Rumble strips - edge or shoulder	8 Miles	577132	577132	HSIP (Section 148)	Urban Principal Arterial - Other	26000	0		Roadway Departure	Continue to install shoulder and centerline rumble strips
STP 2014(404)H ESG	Roadway Rumble strips - edge or shoulder	7 Miles	391525	391525	HSIP (Section 148)	Rural Minor Arterial	15700	0		Roadway Departure	Continue to install shoulder and

											centerline rumble strips
STP 2014(494)H ESG	Roadway Rumble strips - edge or shoulder	11 Miles	598699	598699	HSIP (Section 148)	Rural Minor Arterial	9200	0		Roadway Departure	Continue to install shoulder and centerline rumble strips
STP 2014(405)H ESG	Roadway Rumble strips - edge or shoulder	9 Miles	311526	311526	HSIP (Section 148)	Rural Minor Arterial	5400	0		Roadway Departure	Continue to install shoulder and centerline rumble strips
STP 1402(041)H ES	Intersection traffic control Modify traffic signal - miscellaneous/other/unspecified	1 Numbers	114526	114526	HSIP (Section 148)	Urban Principal Arterial - Other	15400	0		Intersections	Implement engineering solutions to reduce red-light running, such as changes

											in signal timing (i.e., longer yellow, all-red phase).
STP 2014(942)H ESG	Roadway Rumble strips - center	7 Miles	53672	53672	HSIP (Section 148)	Rural Major Collector	4200	0		Lane Departure	Continue to install shoulder and centerline rumble strips
STP 2014(941)H ESG	Roadway Rumble strips - center	11 Miles	53824	53824	HSIP (Section 148)	Rural Major Collector	6500	0		Lane Departure	Continue to install shoulder and centerline rumble strips
STP 2014(876)H ESG	Roadway Rumble strips - center	12 Miles	72535	72535	HSIP (Section 148)	Rural Minor Arterial	9400	0		Lane Departure	Continue to install shoulder and centerline rumble

											strips
STP 2014(943)H ESG	Roadway Rumble strips - center	13 Miles	66381	66381	HSIP (Section 148)	Rural Minor Arterial	9300	0		Lane Departure	Continue to install shoulder and centerline rumble strips
STP 2014(411)H ESG	Roadway Rumble strips - edge or shoulder	4 Miles	24967	24967	HSIP (Section 148)	Rural Minor Collector	290	0		Roadway Departure	Continue to install shoulder and centerline rumble strips
STP 2014(406)H ESG	Roadway Rumble strips - edge or shoulder	9 Miles	34581	34581	HSIP (Section 148)	Rural Major Collector	1700	0		Roadway Departure	Continue to install shoulder and centerline rumble strips
STP 2014(407)H ESG	Roadway Rumble strips - edge or shoulder	1 Miles	29212	29212	HSIP (Section 148)	Rural Major Collector	830	0		Roadway Departure	Continue to install shoulder and centerline

											rumble strips
STP 2014(447)HES	Roadside Barrier- metal	10 Miles	591745	591745	HSIP (Section 148)	Rural Minor Collector	870	0		Roadway Departure	Continue to remove trees, relocate utility poles, and protect culverts or remediate risks by other means.
STP 2014(487)HESG	Roadway Rumble strips - edge or shoulder	7 Miles	332935	332935	HSIP (Section 148)	Rural Minor Arterial	7000	0		Roadway Departure	Continue to install shoulder and centerline rumble strips
STP 2014(488)HESG	Roadway Rumble strips - edge or shoulder	5 Miles	199170	199170	HSIP (Section 148)	Rural Minor Arterial	7000	0		Roadway Departure	Continue to install shoulder and

											centerline rumble strips
STP 2014(489)H ESG	Roadway Rumble strips - edge or shoulder	6 Miles	259181	259181	HSIP (Section 148)	Rural Principal Arterial - Other	9400	0		Roadway Departure	Continue to install shoulder and centerline rumble strips
STP 2014(450)H ESG	Roadway Rumble strips - edge or shoulder	22 Miles	980824	980824	HSIP (Section 148)	Rural Principal Arterial - Other	14300	0		Roadway Departure	Continue to install shoulder and centerline rumble strips
STP 2014(490)H ESG	Roadway Rumble strips - edge or shoulder	7 Miles	312138	312138	HSIP (Section 148)	Rural Principal Arterial - Other	10700	0		Roadway Departure	Continue to install shoulder and centerline rumble strips
STP 2014(294)H	Roadway Rumble strips - edge or shoulder	9 Miles	641007	641007	HSIP (Section 148)	Rural Principal Arterial -	7600	0		Roadway Departure	Continue to install shoulder

ES					n 148)	Other				e	and centerline rumble strips
STP 2014(456)H ESG	Roadway Rumble strips - edge or shoulder	7 Miles	351234	351234	HSIP (Section 148)	Rural Principal Arterial - Other	9300	0		Roadway Departure	Continue to install shoulder and centerline rumble strips
STP 2014(491)H ESG	Roadway Rumble strips - edge or shoulder	10 Miles	472853	472853	HSIP (Section 148)	Rural Minor Arterial	12100	0		Roadway Departure	Continue to install shoulder and centerline rumble strips
STP 2014(410)H ESG	Roadway Rumble strips - edge or shoulder	5 Miles	201347	201347	HSIP (Section 148)	Rural Major Collector	14200	0		Roadway Departure	Continue to install shoulder and centerline rumble strips
STP 2014(495)H	Roadway Rumble strips -	10	32127	32127	HSIP (Section	Rural Major	4100	0		Roadway Departure	Continue to install

ESG	edge or shoulder	Miles	3	3	n 148)	Collector				e	shoulder and centerline rumble strips
STP 2014(496)H ESG	Roadway Rumble strips - edge or shoulder	3 Miles	35534	35534	HSIP (Section 148)	Rural Major Collector	2700	0		Roadway Departure	Continue to install shoulder and centerline rumble strips
STP 2014(498)H ESG	Roadway Rumble strips - edge or shoulder	16 Miles	662625	662625	HSIP (Section 148)	Rural Minor Arterial	4900	0		Roadway Departure	Continue to install shoulder and centerline rumble strips
STP 2014(499)H ESG	Roadway Rumble strips - edge or shoulder	11 Miles	325530	325530	HSIP (Section 148)	Rural Minor Arterial	6100	0		Roadway Departure	Continue to install shoulder and centerline rumble strips

STP 2014(500)H ESG	Roadway Rumble strips - edge or shoulder	17 Miles	76004 5	76004 5	HSIP (Section 148)	Rural Minor Arterial	1230 0	0		Roadway Departur e	Continue to install shoulder and centerline rumble strips
STP 2014(497)H ESG	Roadway Rumble strips - edge or shoulder	13 Miles	53474 7	53474 7	HSIP (Section 148)	Rural Minor Arterial	1880 0	0		Roadway Departur e	Continue to install shoulder and centerline rumble strips
STP 2014(461)H ESG	Roadway Rumble strips - edge or shoulder	6 Miles	7771	7771	HSIP (Section 148)	Rural Principal Arterial - Other	8400	0		Roadway Departur e	Continue to install shoulder and centerline rumble strips
STP 2014(466)H ESG	Roadway Rumble strips - center	5 Miles	20104	20104	HSIP (Section 148)	Rural Minor Arterial	3500	0		Lane Departur e	Continue to install shoulder and centerline rumble

											strips
STP 2014(468)H ESG	Roadway Rumble strips - center	11 Miles	47153	47153	HSIP (Section 148)	Rural Minor Arterial	1690	0		Lane Departure	Continue to install shoulder and centerline rumble strips
STP 2014(470)H ESG	Roadway Rumble strips - edge or shoulder	19 Miles	29737	29737	HSIP (Section 148)	Rural Minor Arterial	4600	0		Roadway Departure	Continue to install shoulder and centerline rumble strips
STP 2014(471)H ESG	Roadway Rumble strips - edge or shoulder	12 Miles	19461	19461	HSIP (Section 148)	Rural Minor Arterial	6100	0		Roadway Departure	Continue to install shoulder and centerline rumble strips
STP 2014(465)H ESG	Roadway Rumble strips - edge or shoulder	14 Miles	22319	22319	HSIP (Section 148)	Rural Principal Arterial - Other	2600	0		Roadway Departure	Continue to install shoulder and centerline

											rumble strips
STP 2014(652)H ESG	Roadway Rumble strips - edge or shoulder	11 Miles	204879	204879	HSIP (Section 148)	Rural Minor Collector	1400	0		Roadway Departure	Continue to install shoulder and centerline rumble strips
STP 2014(658)H ES	Roadside Barrier end treatments (crash cushions, terminals)	0 Miles	84676	84676	HSIP (Section 148)	Urban Principal Arterial - Interstate	146000	0		Roadway Departure	Continue to remove trees, relocate utility poles, and protect culverts or remediate risks by other means.
STP 2014(657)H ES	Roadside Barrier end treatments (crash cushions, terminals)	3 Miles	105335	105335	HSIP (Section 148)	Rural Principal Arterial - Interstate	178000	0		Roadway Departure	Continue to remove trees,

											relocate utility poles, and protect culverts or remediate risks by other means.
STP 2014(656)HES	Roadside Barrier end treatments (crash cushions, terminals)	2 Miles	226683	226683	HSIP (Section 148)	Urban Principal Arterial - Other Freeways and Expressways	93000	0		Roadway Departure	Continue to remove trees, relocate utility poles, and protect culverts or remediate risks by other means.
STP 2014(345)HESG	Roadway Rumble strips - edge or shoulder	2 Miles	27709	27709	HSIP (Section 148)	Urban Principal Arterial -	6300	0		Roadway Departure	Continue to install shoulder and

						Other					centerline rumble strips
STP 2014(347)H ESG	Roadway Rumble strips - edge or shoulder	4 Miles	78450	78450	HSIP (Section 148)	Rural Minor Arterial	4900	0		Roadway Departure	Continue to install shoulder and centerline rumble strips
STP 2014(346)H ESG	Roadway Rumble strips - edge or shoulder	5 Miles	68912	68912	HSIP (Section 148)	Rural Major Collector	1200	0		Roadway Departure	Continue to install shoulder and centerline rumble strips
STP 2014(348)H ESG & STP 2014(349)H ESG	Roadway Rumble strips - edge or shoulder	15 Miles	227500	227500	HSIP (Section 148)	Rural Minor Collector	1200	0		Roadway Departure	Continue to install shoulder and centerline rumble strips
STP 2014(343)H	Roadway Rumble strips - edge or shoulder	5 Miles	80327	80327	HSIP (Section 148)	Urban Principal Arterial -	19100	0		Roadway Departure	Continue to install shoulder

ESG					n 148)	Other				e	and centerline rumble strips
STP 2014(344)H ESG	Roadway Rumble strips - edge or shoulder	6 Miles	86465	86465	HSIP (Section 148)	Rural Minor Arterial	6300	0		Roadway Departure	Continue to install shoulder and centerline rumble strips
STP 2014(653)H ESG	Roadway Rumble strips - edge or shoulder	5 Miles	66022	66022	HSIP (Section 148)	Rural Minor Collector	920	0		Roadway Departure	Continue to install shoulder and centerline rumble strips
STP 2014(648)H ESG	Roadway Rumble strips - edge or shoulder	10 Miles	171726	171726	HSIP (Section 148)	Rural Minor Arterial	15000	0		Roadway Departure	Continue to install shoulder and centerline rumble strips
STP 2014(647)H	Roadway Rumble strips -	11	74218	74218	HSIP (Section	Rural Minor	3000	0		Roadway Departure	Continue to install

ESG	edge or shoulder	Miles			n 148)	Arterial				e	shoulder and centerline rumble strips
STP 2014(650)H ESG	Roadway Rumble strips - edge or shoulder	13 Miles	202925	202925	HSIP (Section 148)	Rural Minor Arterial	8700	0		Roadway Departure	Continue to install shoulder and centerline rumble strips
STP 2014(651)H ESG	Roadway Rumble strips - edge or shoulder	6 Miles	45368	45368	HSIP (Section 148)	Rural Major Collector	7600	0		Roadway Departure	Continue to install shoulder and centerline rumble strips
STP 2014(649)H ESG	Roadway Rumble strips - edge or shoulder	9 Miles	73133	73133	HSIP (Section 148)	Rural Minor Arterial	19800	0		Roadway Departure	Continue to install shoulder and centerline rumble strips

STP 2014(260)H ES	Roadway Rumble strips - edge or shoulder	3 Miles	27433	27433	HSIP (Section 148)	Urban Minor Collector	4800	0		Roadway Departur e	Continue to install shoulder and centerline rumble strips
STP 2014(252)H ES	Roadway Rumble strips - edge or shoulder	5 Miles	42343	42343	HSIP (Section 148)	Rural Minor Arterial	4000	0		Roadway Departur e	Continue to install shoulder and centerline rumble strips
STP 2014(251)H ES	Roadway Rumble strips - edge or shoulder	8 Miles	62223	62223	HSIP (Section 148)	Rural Major Collector	9300	0		Roadway Departur e	Continue to install shoulder and centerline rumble strips
STP 2014(250)H ES	Roadway Rumble strips - edge or shoulder	3 Miles	25465	25465	HSIP (Section 148)	Urban Minor Collector	7700	0		Roadway Departur e	Continue to install shoulder and centerline rumble

											strips
STP 2014(247)HES	Roadway Rumble strips - edge or shoulder	8 Miles	58136	58136	HSIP (Section 148)	Rural Major Collector	1800	0		Roadway Departure	Continue to install shoulder and centerline rumble strips
STP 2014(025)HES	Roadway Rumble strips - edge or shoulder	8 Miles	64623	64623	HSIP (Section 148)	Rural Minor Arterial	8200	0		Roadway Departure	Continue to install shoulder and centerline rumble strips
STP 2014(025)HES	Roadway Rumble strips - edge or shoulder	13 Miles	83659	83659	HSIP (Section 148)	Rural Principal Arterial - Other	6500	0		Roadway Departure	Continue to install shoulder and centerline rumble strips
STP 2014(025)HES	Roadway Rumble strips - edge or shoulder	18 Miles	112046	112046	HSIP (Section 148)	Rural Principal Arterial - Other	4100	0		Roadway Departure	Continue to install shoulder and centerline

											rumble strips
STP 2014(025)HES	Roadway Rumble strips - edge or shoulder	5 Miles	27895	27895	HSIP (Section 148)	Rural Minor Arterial	4200	0		Roadway Departure	Continue to install shoulder and centerline rumble strips
STP 2014(025)HES	Roadway Rumble strips - edge or shoulder	11 Miles	63182	63182	HSIP (Section 148)	Rural Minor Arterial	4100	0		Roadway Departure	Continue to install shoulder and centerline rumble strips
STP 2014(856)HES	Roadway Rumble strips - edge or shoulder	5 Miles	44659	44659	HSIP (Section 148)	Rural Principal Arterial - Other	3100	0		Roadway Departure	Continue to install shoulder and centerline rumble strips
STP 2014(857)HES	Roadway Rumble strips - edge or shoulder	7 Miles	51765	51765	HSIP (Section 148)	Rural Minor Arterial	1850	0		Roadway Departure	Continue to install shoulder and

											centerline rumble strips
STP 2014(862)HES	Roadway Rumble strips - edge or shoulder	17 Miles	120555	120555	HSIP (Section 148)	Rural Minor Arterial	1550	0		Roadway Departure	Continue to install shoulder and centerline rumble strips
STP 2014(025)HES	Roadway Rumble strips - edge or shoulder	10 Miles	69882	69882	HSIP (Section 148)	Rural Minor Arterial	7000	0		Roadway Departure	Continue to install shoulder and centerline rumble strips
STP 2014(957)HES	Roadway Rumble strips - edge or shoulder	6 Miles	6694	6694	HSIP (Section 148)	Rural Minor Arterial	7000	0		Roadway Departure	Continue to install shoulder and centerline rumble strips
STP 2014(637)H	Roadside Barrier- metal	14 Miles	1379201	1379201	HSIP (Section 148)	Urban Minor	2100	0		Roadway Departure	Continue to remove

ES					n 148)	Arterial				e	trees, relocate utility poles, and protect culverts or remediate risks by other means.
STP 2014(249)H ES	Roadway Rumble strips - edge or shoulder	12 Miles	67623	67623	HSIP (Section 148)	Rural Major Collector	1800	0		Roadway Departure	Continue to install shoulder and centerline rumble strips
STP 2014(025)H ES	Roadway Rumble strips - center	12 Miles	102401	102401	HSIP (Section 148)	Rural Major Collector	1800	0		Lane Departure	Continue to install shoulder and centerline rumble strips
STP 2014(956)H	Roadway Rumble strips - edge or shoulder	14 Miles	70984	70984	HSIP (Section 148)	Rural Minor	5700	0		Roadway Departure	Continue to install

ES					n 148)	Arterial				e	shoulder and centerline rumble strips
STP 2014(750)H ESG	Roadside Barrier- metal	4 Miles	359090	359090	HSIP (Section 148)	Urban Principal Arterial - Other	16700	0		Roadway Departure	Continue to remove trees, relocate utility poles, and protect culverts or remediate risks by other means.
STP 2014(751)H ESG	Roadside Barrier- metal	8 Miles	1261114	1261114	HSIP (Section 148)	Urban Principal Arterial - Other	26000	0		Roadway Departure	Continue to remove trees, relocate utility poles, and protect culverts

											or remediate risks by other means.
STP 2014(958)HES	Roadway Rumble strips - edge or shoulder	5 Miles	5438	5438	HSIP (Section 148)	Rural Principal Arterial - Other	17500	0		Roadway Departure	Continue to install shoulder and centerline rumble strips
STP 2014(025)HES	Roadway Rumble strips - center	10 Miles	104406	104406	HSIP (Section 148)	Rural Major Collector	1500	0		Lane Departure	Continue to install shoulder and centerline rumble strips
STP 2014(858)HES	Roadway Rumble strips - edge or shoulder	12 Miles	64355	64355	HSIP (Section 148)	Rural Major Collector	2600	0		Roadway Departure	Continue to install shoulder and centerline rumble strips

STP 2014(246)H ES	Roadway Rumble strips - edge or shoulder	5 Miles	32947	32947	HSIP (Section 148)	Rural Minor Arterial	6000	0		Roadway Departur e	Continue to install shoulder and centerline rumble strips
STP 2014(025)H ES	Roadway Rumble strips - edge or shoulder	5 Miles	61030	61030	HSIP (Section 148)	Rural Minor Arterial	5200	0		Roadway Departur e	Continue to install shoulder and centerline rumble strips
STP 2014(860)H ES	Roadway Rumble strips - edge or shoulder	6 Miles	44151	44151	HSIP (Section 148)	Rural Major Collector	990	0		Roadway Departur e	Continue to install shoulder and centerline rumble strips
STP 2014(248)H ES	Roadway Rumble strips - edge or shoulder	6 Miles	40773	40773	HSIP (Section 148)	Rural Major Collector	1900	0		Roadway Departur e	Continue to install shoulder and centerline rumble

											strips
STP 2014(025)H ES	Roadway Rumble strips - center	16 Miles	68498	68498	HSIP (Section 148)	Rural Minor Arterial	7000	0		Lane Departure	Continue to install shoulder and centerline rumble strips
STP 2014(028)H ES	Roadside Barrier- metal	22 Miles	389375	389375	HSIP (Section 148)	Urban Principal Arterial - Other	22000	0		Roadway Departure	Continue to remove trees, relocate utility poles, and protect culverts or remediate risks by other means.
STP 2014(028)H ES	Roadside Barrier- metal	10 Miles	349609	349609	HSIP (Section 148)	Urban Principal Arterial - Other	25000	0		Roadway Departure	Continue to remove trees, relocate

											utility poles, and protect culverts or remediate risks by other means.
STP 2014(052)HES	Intersection traffic control Intersection signing - add basic advance warning	1 Numbers	35564	35564	HSIP (Section 148)	Rural Minor Arterial	9200	0		Intersections	Enhance advanced warning at intersections through the use of signing and high friction surface treatment (HFST)
STP 2014(025)HES	Roadway Rumble strips - edge or shoulder	8 Miles	42716	42716	HSIP (Section 148)	Rural Minor Arterial	2100	0		Roadway Departure	Continue to install shoulder and centerline

											rumble strips
STP 2014(925)H ESG	Roadside Barrier- metal	12 Miles	596906	596906	HSIP (Section 148)	Rural Minor Arterial	2900	0		Roadway Departure	Continue to remove trees, relocate utility poles, and protect culverts or remediate risks by other means.
STP 2014(025)H ES	Roadway Rumble strips - center	16 Miles	71569	71569	HSIP (Section 148)	Rural Major Collector	1350	0		Lane Departure	Continue to install shoulder and centerline rumble strips
STP 2014(738)H ES	Roadside Barrier- metal	15 Miles	723970	723970	HSIP (Section 148)	Rural Major Collector	290	0		Roadway Departure	Continue to remove trees,

											relocate utility poles, and protect culverts or remediate risks by other means.
STP 2014(025)HES	Roadway Rumble strips - edge or shoulder	11 Miles	58727	58727	HSIP (Section 148)	Rural Minor Arterial	2700	0		Roadway Departure	Continue to install shoulder and centerline rumble strips
STP 2014(025)HES	Roadway Rumble strips - edge or shoulder	17 Miles	93598	93598	HSIP (Section 148)	Rural Principal Arterial - Other	3500	0		Roadway Departure	Continue to install shoulder and centerline rumble strips
STP 2014(209)HES	Roadway Rumble strips - edge or shoulder	6 Miles	49989	49989	HSIP (Section 148)	Rural Major Collector	2900	0		Roadway Departure	Continue to install shoulder

											and centerline rumble strips
STP 2014(244)HES	Roadway Rumble strips - edge or shoulder	8 Miles	44640	44640	HSIP (Section 148)	Rural Major Collector	1650	0		Roadway Departure	Continue to install shoulder and centerline rumble strips
STP 2014(861)HES	Roadway Rumble strips - edge or shoulder	9 Miles	63340	63340	HSIP (Section 148)	Rural Minor Collector	590	0		Roadway Departure	Continue to install shoulder and centerline rumble strips
STP 2014(926)HES	Roadside Barrier- metal	11 Miles	332006	332006	HSIP (Section 148)	Rural Major Collector	850	0		Roadway Departure	Continue to remove trees, relocate utility poles, and protect culverts

											or remediate risks by other means.
STP 2014(025)HES	Roadway Rumble strips - edge or shoulder	14 Miles	75011	75011	HSIP (Section 148)	Rural Minor Arterial	5700	0		Roadway Departure	Continue to install shoulder and centerline rumble strips
STP 2014(959)HES	Roadway Rumble strips - edge or shoulder	12 Miles	12235	12235	HSIP (Section 148)	Rural Minor Arterial	4400	0		Roadway Departure	Continue to install shoulder and centerline rumble strips
STP 2014(748)HESG	Roadside Barrier- metal	6 Miles	533473	533473	HSIP (Section 148)	Rural Major Collector	550	0		Roadway Departure	Continue to remove trees, relocate utility poles, and protect

											culverts or remediate risks by other means.
STP 2014(749)HES	Roadside Barrier- metal	4 Miles	302279	302279	HSIP (Section 148)	Rural Major Collector	220	0		Roadway Departure	Continue to remove trees, relocate utility poles, and protect culverts or remediate risks by other means.
STP 2014(851)HES	Roadside Barrier- metal	7 Miles	260510	410015	HSIP (Section 148)	Rural Minor Arterial	3800	0		Roadway Departure	Continue to remove trees, relocate utility poles, and protect

											culverts or remediate risks by other means.
STP 2014(852)HES	Roadway Rumble strips - edge or shoulder	7 Miles	52247	52247	HSIP (Section 148)	Rural Minor Arterial	3800	0		Roadway Departure	Continue to install shoulder and centerline rumble strips
STP 2014(855)HES	Roadside Barrier- metal	10 Miles	296560	429383	HSIP (Section 148)	Rural Principal Arterial - Other	10700	0		Roadway Departure	Continue to remove trees, relocate utility poles, and protect culverts or remediate risks by other means.

STP 2014(859)H ES	Roadway Rumble strips - edge or shoulder	13 Miles	75165	75165	HSIP (Section 148)	Rural Major Collector	790	0		Roadway Departur e	Continue to install shoulder and centerline rumble strips
STP 2014(245)H ES	Roadway Rumble strips - edge or shoulder	14 Miles	11824 8	11824 8	HSIP (Section 148)	Rural Minor Arterial	6300	0		Roadway Departur e	Continue to install shoulder and centerline rumble strips
STP 2014(863)H ES	Roadway Rumble strips - edge or shoulder	7 Miles	35780	35780	HSIP (Section 148)	Rural Major Collector	810	0		Roadway Departur e	Continue to install shoulder and centerline rumble strips
STP 2014(025)H ES	Roadway Rumble strips - edge or shoulder	8 Miles	43489	43489	HSIP (Section 148)	Rural Minor Arterial	4200	0		Roadway Departur e	Continue to install shoulder and centerline rumble

											strips
STP 2014(747)H RR	Roadside Barrier- metal	8 Miles	39060 0	39060 0	HRRRP (SAFET EA-LU)	Rural Major Collector	1150	0		Roadway Departur e	Continue to remove trees, relocate utility poles, and protect culverts or remediat e risks by other means.
STP 2014(737)H RR	Roadside Barrier- metal	6 Miles	46299 7	46299 7	HRRRP (SAFET EA-LU)	Rural Major Collector	280	0		Roadway Departur e	Continue to remove trees, relocate utility poles, and protect culverts or remediat e risks by other

											means.
STP 2014(584)HES	Access management Median crossover - close crossover	1 Miles	57374 8	57374 8	HSIP (Section 148)	Urban Principal Arterial - Other Freeways and Expressways	2100 0	0		Intersections	Implement engineering solutions to reduce red-light running, such as changes in signal timing (i.e., longer yellow, all-red phase).
STP 2014(262)HES	Roadway Rumble strips - edge or shoulder	7 Miles	18587 8	18587 8	HSIP (Section 148)	Rural Minor Arterial	2100 0	0		Roadway Departure	Continue to install shoulder and centerline rumble strips
STP 2014(570)H	Intersection traffic control Intersection	1 Numb	16463 2	16463 2	HSIP (Section 148)	Rural Minor	6900	0		Intersections	Implement

<p>ES</p>	<p>flashers - add miscellaneous/other/unspecified</p>	<p>ers</p>			<p>n 148)</p>	<p>Arterial</p>					<p>engineering solutions to reduce red-light running, such as changes in signal timing (i.e., longer yellow, all-red phase).</p>
<p>STP 2014(571)H ES</p>	<p>Intersection traffic control Intersection signing - add basic advance warning</p>	<p>1 Numbers</p>	<p>81490</p>	<p>81490</p>	<p>HSIP (Section 148)</p>	<p>Urban Principal Arterial - Other</p>	<p>1300</p>	<p>0</p>		<p>Intersections</p>	<p>Enhance advanced warning at intersections through the use of signing and high friction surface treatment</p>

											(HFST)
STP 2014(032)HES	Roadway Rumble strips - edge or shoulder	12 Miles	304872	304872	HSIP (Section 148)	Urban Principal Arterial - Other Freeways and Expressways	30000	0		Roadway Departure	Continue to install shoulder and centerline rumble strips
STP 2014(261)HES	Roadway Rumble strips - edge or shoulder	3 Miles	102752	102752	HSIP (Section 148)	Urban Principal Arterial - Other Freeways and Expressways	27000	0		Roadway Departure	Continue to install shoulder and centerline rumble strips
STP 2014(585)HES	Intersection traffic control Modify traffic signal - miscellaneous/other/unspecified	1 Numbers	297454	297454	HSIP (Section 148)	Urban Principal Arterial - Other	41000	0		Intersections	Implement engineering solutions to reduce red-light running, such as changes

											in signal timing (i.e., longer yellow, all-red phase).
STP 2014(586)HES	Intersection traffic control Modify traffic signal - miscellaneous/other/unspecified	1 Numbers	215285	215285	HSIP (Section 148)	Urban Principal Arterial - Other	43000	0		Intersections	Implement engineering solutions to reduce red-light running, such as changes in signal timing (i.e., longer yellow, all-red phase).
STP 2014(587)HES	Intersection traffic control Modify traffic signal - miscellaneous/other/unspecified	1 Numbers	219494	219494	HSIP (Section 148)	Urban Principal Arterial -	3200	0		Intersections	Implement engineering

	pecified					Other					solutions to reduce red-light running, such as changes in signal timing (i.e., longer yellow, all-red phase).
STP 2014(484)HES	Intersection traffic control Modify traffic signal - miscellaneous/other/uns pecified	1 Numb ers	25018 2	25018 2	HSIP (Section 148)	Urban Principal Arterial - Interstate	1590 0	0		Intersecti ons	Implemen t engineeri ng solutions to reduce red-light running, such as changes in signal timing (i.e., longer yellow, all-red

											phase).
STP 2014(485)H ES	Intersection traffic control Modify traffic signal - miscellaneous/other/unspecified	1 Numbers	44881 9	44881 9	HSIP (Section 148)	Urban Principal Arterial - Interstate	2110 00	0		Intersections	Implement engineering solutions to reduce red-light running, such as changes in signal timing (i.e., longer yellow, all-red phase).
STP 2014(742)H ES	Intersection traffic control Modify traffic signal - miscellaneous/other/unspecified	1 Numbers	38625	38625	HSIP (Section 148)	Urban Principal Arterial - Other Freeways and Expressways	1510 00	0		Intersections	Implement engineering solutions to reduce red-light running, such as changes

											in signal timing (i.e., longer yellow, all-red phase).
STP 2014(743)HES	Intersection traffic control Modify traffic signal - miscellaneous/other/unspecified	1 Numbers	21541 1	21541 1	HSIP (Section 148)	Urban Principal Arterial - Other Freeways and Expressways	4300 0	0		Intersections	Implement engineering solutions to reduce red-light running, such as changes in signal timing (i.e., longer yellow, all-red phase).
STP 2014(037)HES	Roadway Rumble strips - edge or shoulder	5 Miles	10362 9	10362 9	HSIP (Section 148)	Urban Minor Collector	1170 0	0		Roadway Departure	Continue to install shoulder and

											centerline rumble strips
STP 2014(486)H ES	Intersection traffic control Intersection flashers - add miscellaneous/other/unspecified	1 Numb ers	10957 2	10957 2	HSIP (Section 148)	Urban Minor Collector	2900	0		Intersecti ons	Implemen t engineeri ng solutions to reduce red-light running, such as changes in signal timing (i.e., longer yellow, all-red phase).
STP 2014(891)H ESG	Roadway Rumble strips - center	12 Miles	46471	46471	HSIP (Section 148)	Rural Major Collector	4000	0		Lane Departur e	Continue to install shoulder and centerline rumble strips

<p>STP 2014(892)H RR</p>	<p>Roadway Rumble strips - edge or shoulder</p>	<p>8 Miles</p>	<p>39148</p>	<p>39148</p>	<p>HRRRP (SAFET EA-LU)</p>	<p>Rural Major Collector</p>	<p>3000</p>	<p>0</p>		<p>Roadway Departure</p>	<p>Continue to install shoulder and centerline rumble strips</p>
<p>STP 2014(617)H ESG, STP 2014(618)H ESG & STP 2014(619)H ESG</p>	<p>Roadside Barrier- metal</p>	<p>15 Miles</p>	<p>436577</p>	<p>436577</p>	<p>HSIP (Section 148)</p>	<p>Rural Minor Arterial</p>	<p>9100</p>	<p>0</p>		<p>Roadway Departure</p>	<p>Continue to remove trees, relocate utility poles, and protect culverts or remediate risks by other means.</p>
<p>STP 2014(721)H ES</p>	<p>Roadside Barrier- metal</p>	<p>15 Miles</p>	<p>805833</p>	<p>805833</p>	<p>HSIP (Section 148)</p>	<p>Rural Major Collector</p>	<p>2300</p>	<p>0</p>		<p>Roadway Departure</p>	<p>Continue to remove trees, relocate utility poles, and</p>

											protect culverts or remediate risks by other means.
STP 2014(520)HES	Roadway Rumble strips - edge or shoulder	10 Miles	43204	43204	HSIP (Section 148)	Rural Minor Arterial	12700	0		Roadway Departure	Continue to install shoulder and centerline rumble strips
STP 2014(521)HESG	Roadway Rumble strips - edge or shoulder	6 Miles	35824	35824	HSIP (Section 148)	Rural Minor Arterial	10900	0		Roadway Departure	Continue to install shoulder and centerline rumble strips
STP 2014(890)HESG	Roadway Rumble strips - center	9 Miles	35677	35677	HSIP (Section 148)	Rural Major Collector	2000	0		Lane Departure	Continue to install shoulder and centerline rumble

											strips
STP 2014(722)HRR	Roadside Barrier- metal	8 Miles	354296	354296	HRRRP (SAFET EA-LU)	Rural Major Collector	1050	0		Roadway Departure	Continue to remove trees, relocate utility poles, and protect culverts or remediate risks by other means.
STP 2014(714)HES & STP 2014(713)HES	Intersection geometry Auxiliary lanes - add two-way left-turn lane	0 Miles	322932	322932	HSIP (Section 148)	Rural Minor Arterial	5700	0		Intersections	Add more turn bays and acceleration lanes on high-speed rural roads.
STP 2015(715)HESG	Roadside Barrier- metal	8 Miles	113251	113251	HSIP (Section 148)	Rural Minor Arterial	5500	0		Roadway Departure	Continue to remove

											trees, relocate utility poles, and protect culverts or remediate risks by other means.
STP 2014(522)H ESG & STP 2014(523)H ESG	Roadway Rumble strips - edge or shoulder	25 Miles	131818	131818	HSIP (Section 148)	Rural Principal Arterial - Other	2400	0		Roadway Departure	Continue to install shoulder and centerline rumble strips
STP 2014(889)H ESG, STP 2014(908)H ESG, STP 2014(909)H ESG, STP 2014(910)H ESG, STP 2014(911)H	Roadway Rumble strips - edge or shoulder	33 Miles	163401	163401	HSIP (Section 148)	Rural Minor Arterial	11700	0		Roadway Departure	Continue to install shoulder and centerline rumble strips

ESG											
STP 2014(524)H ESG, STP 2014(525)H ESG, & STP 2014(526)H ESG	Roadway Rumble strips - edge or shoulder	36 Miles	186366	186366	HSIP (Section 148)	Rural Major Collector	10500	0		Roadway Departure	Continue to install shoulder and centerline rumble strips
STP 2014(527)H ESG, STP 2014(528)H ESG, STP 2014(529)H ESG, STP 2014(530)H ESG, STP 2014(531)H ESG	Roadway Rumble strips - edge or shoulder	29 Miles	169773	169773	HSIP (Section 148)	Rural Minor Arterial	2000	0		Roadway Departure	Continue to install shoulder and centerline rumble strips
STP 2014(620)H ESG	Roadside Barrier- metal	7 Miles	379746	379746	HSIP (Section 148)	Rural Minor Collector	750	0		Roadway Departure	Continue to remove trees, relocate utility poles, and protect culverts

											or remediate risks by other means.
STP 2014(981)HES	Intersection traffic control Modify traffic signal - miscellaneous/other/unspecified	1 Numbers	49290	49290	HSIP (Section 148)	Urban Principal Arterial - Other	2800	0		Intersections	Implement engineering solutions to reduce red-light running, such as changes in signal timing (i.e., longer yellow, all-red phase).
STP 20114(988)HES	Intersection traffic control Intersection flashers - add miscellaneous/other/unspecified	1 Numbers	58947	58947	HSIP (Section 148)	Rural Major Collector	4800	0		Intersections	Implement engineering solutions to reduce

											red-light running, such as changes in signal timing (i.e., longer yellow, all-red phase).
STP 2014(987)H ES	Intersection traffic control Modify traffic signal - miscellaneous/other/unspecified	1 Numbers	26200	26200	HSIP (Section 148)	Urban Principal Arterial - Other Freeways and Expressways	2800 0	0		Intersections	Implement engineering solutions to reduce red-light running, such as changes in signal timing (i.e., longer yellow, all-red phase).

<p>STP 2014(985)H ES</p>	<p>Intersection traffic control Modify traffic signal - miscellaneous/other/unspecified</p>	<p>1 Numbers</p>	<p>56844</p>	<p>56844</p>	<p>HSIP (Section 148)</p>	<p>Urban Principal Arterial - Other</p>	<p>4200 0</p>	<p>0</p>		<p>Intersections</p>	<p>Implement engineering solutions to reduce red-light running, such as changes in signal timing (i.e., longer yellow, all-red phase).</p>
<p>STP 2014(986)H ES</p>	<p>Intersection traffic control Modify traffic signal - miscellaneous/other/unspecified</p>	<p>1 Numbers</p>	<p>19650</p>	<p>19650</p>	<p>HSIP (Section 148)</p>	<p>Urban Principal Arterial - Other Freeways and Expressways</p>	<p>1000 00</p>	<p>0</p>		<p>Intersections</p>	<p>Implement engineering solutions to reduce red-light running, such as changes in signal timing</p>

											(i.e., longer yellow, all-red phase).
STP 2014(984)HES	Intersection traffic control Modify traffic signal - miscellaneous/other/unspecified	1 Numbers	19650	19650	HSIP (Section 148)	Rural Principal Arterial - Other	49000	0		Intersections	Implement engineering solutions to reduce red-light running, such as changes in signal timing (i.e., longer yellow, all-red phase).
STP 2014(989)HES	Intersection traffic control Intersection flashers - add miscellaneous/other/unspecified	1 Numbers	99718	99718	HSIP (Section 148)	Rural Major Collector	10700	0		Intersections	Implement engineering solutions to reduce

											red-light running, such as changes in signal timing (i.e., longer yellow, all-red phase).
STP 2014(983)HES	Intersection traffic control Modify traffic signal - miscellaneous/other/unspecified	1 Numbers	26200	26200	HSIP (Section 148)	Rural Principal Arterial - Other	7700	0		Intersections	Implement engineering solutions to reduce red-light running, such as changes in signal timing (i.e., longer yellow, all-red phase).

<p>STP 1402(096)H ESG</p>	<p>Roadside Barrier- metal</p>	<p>9 Miles</p>	<p>20312 6</p>	<p>20312 6</p>	<p>HSIP (Section 148)</p>	<p>Rural Major Collector</p>	<p>4600</p>	<p>0</p>		<p>Roadway Departure</p>	<p>Continue to remove trees, relocate utility poles, and protect culverts or remediate risks by other means.</p>
<p>STP 1402(099)H ESG</p>	<p>Roadside Barrier- metal</p>	<p>10 Miles</p>	<p>11288 04</p>	<p>11288 04</p>	<p>HSIP (Section 148)</p>	<p>Rural Major Collector</p>	<p>3200</p>	<p>0</p>		<p>Roadway Departure</p>	<p>Continue to remove trees, relocate utility poles, and protect culverts or remediate risks by other means.</p>

<p>STP 1402(090)H ESG</p>	<p>Roadside Barrier- metal</p>	<p>13 Miles</p>	<p>49455 4</p>	<p>49455 4</p>	<p>HSIP (Section 148)</p>	<p>Rural Minor Arterial</p>	<p>8700</p>	<p>0</p>		<p>Roadway Departure</p>	<p>Continue to remove trees, relocate utility poles, and protect culverts or remediate risks by other means.</p>
<p>STP 1402(091)H ESG</p>	<p>Roadside Barrier- metal</p>	<p>4 Miles</p>	<p>15535 5</p>	<p>15535 5</p>	<p>HSIP (Section 148)</p>	<p>Rural Minor Arterial</p>	<p>1500</p>	<p>0</p>		<p>Roadway Departure</p>	<p>Continue to remove trees, relocate utility poles, and protect culverts or remediate risks by other means.</p>

STP 2014(916)H ESG	Roadway Rumble strips - edge or shoulder	9 Miles	63269	63269	HSIP (Section 148)	Rural Minor Arterial	5600	0		Roadway Departur e	Continue to install shoulder and centerline rumble strips
STP 2014(804)H ES	Roadway Rumble strips - edge or shoulder	3 Miles	7641	7641	HSIP (Section 148)	Rural Minor Arterial	2400	0		Roadway Departur e	Continue to install shoulder and centerline rumble strips
STP 2014(805)H ES	Roadway Rumble strips - edge or shoulder	5 Miles	18655	18655	HSIP (Section 148)	Rural Principal Arterial - Other	1060 0	0		Roadway Departur e	Continue to install shoulder and centerline rumble strips
STP 2014(808)H ES	Roadway Rumble strips - center	8 Miles	29366	29366	HSIP (Section 148)	Rural Minor Arterial	5300	0		Roadway Departur e	Continue to install shoulder and centerline rumble

											strips
STP 2014(809)HES	Roadway Rumble strips - center	3 Miles	11172	11172	HSIP (Section 148)	Rural Minor Arterial	5300	0		Lane Departure	Continue to install shoulder and centerline rumble strips
STP 2014(807)HES	Roadway Rumble strips - edge or shoulder	10 Miles	30001	30001	HSIP (Section 148)	Rural Minor Arterial	4500	0		Roadway Departure	Continue to install shoulder and centerline rumble strips
STP 2014(948)HESG	Roadway Rumble strips - edge or shoulder	3 Miles	41252	41252	HSIP (Section 148)	Urban Principal Arterial - Interstate	131000	0		Roadway Departure	Continue to install shoulder and centerline rumble strips
STP 2014(946)HESG	Roadway Rumble strips - edge or shoulder	5 Miles	96000	96000	HSIP (Section 148)	Urban Principal Arterial - Interstate	131000	0		Roadway Departure	Continue to install shoulder and centerline

											rumble strips
STP 2014(915)H ESG	Roadway Rumble strips - edge or shoulder	10 Miles	80375	80375	HSIP (Section 148)	Urban Principal Arterial - Other	6900	0		Roadway Department	Continue to install shoulder and centerline rumble strips
STP 2014(947)H ESG	Roadway Rumble strips - edge or shoulder	6 Miles	33414	33414	HSIP (Section 148)	Urban Principal Arterial - Other Freeways and Expressways	6700	0		Roadway Department	Continue to install shoulder and centerline rumble strips
STP 2014(945)H ESG	Roadway Rumble strips - edge or shoulder	3 Miles	45485	45485	HSIP (Section 148)	Urban Principal Arterial - Other Freeways and Expressways	4500	0		Roadway Department	Continue to install shoulder and centerline rumble strips
STP 2014(812)H	Roadway Rumble strips -	13	52100	52100	HSIP (Section	Rural Major	3000	0		Lane Department	Continue to install

ES	center	Miles			n 148)	Collector				e	shoulder and centerline rumble strips
STP 2014(811)H ES	Roadway Rumble strips - center	12 Miles	42107	42107	HSIP (Section 148)	Rural Minor Arterial	4400	0		Lane Departure	Continue to install shoulder and centerline rumble strips
STP 2014(914)H ESG	Roadway Rumble strips - edge or shoulder	2 Miles	21219	21219	HSIP (Section 148)	Rural Major Collector	2600	0		Roadway Departure	Continue to install shoulder and centerline rumble strips
STP 2014(810)H ES	Roadway Rumble strips - edge or shoulder	4 Miles	29135	29135	HSIP (Section 148)	Rural Minor Arterial	5000	0		Roadway Departure	Continue to install shoulder and centerline rumble strips

STP 2014(814)HES	Roadway Rumble strips - edge or shoulder	9 Miles	47030	47030	HSIP (Section 148)	Rural Major Collector	2000	0		Roadway Departure	Continue to install shoulder and centerline rumble strips
STP 2014(813)HES	Roadway Rumble strips - center	13 Miles	60257	60257	HSIP (Section 148)	Rural Major Collector	1650	0		Lane Departure	Continue to install shoulder and centerline rumble strips
STP 2014(806)HES	Roadway Rumble strips - center	12 Miles	53028	53028	HSIP (Section 148)	Rural Minor Arterial	6800	0		Lane Departure	Continue to install shoulder and centerline rumble strips
STP 2014(868)HES & STP 2014(869)HES	Intersection geometry - other	1 Miles	667198	1194837	HSIP (Section 148)	Rural Major Collector	70	0		Intersections	Implement engineering solutions to reduce

											red-light running, such as changes in signal timing (i.e., longer yellow, all-red phase).
STP 2014(982)H ES	Intersection traffic control Modify traffic signal - miscellaneous/other/unspecified	1 Numbers	28111 1	28111 1	HSIP (Section 148)	Urban Major Collector	1330 00	0		Intersections	Implement engineering solutions to reduce red-light running, such as changes in signal timing (i.e., longer yellow, all-red phase).

<p>STP 2014(990)H ES</p>	<p>Intersection traffic control Modify traffic signal - miscellaneous/other/unspecified</p>	<p>1 Numbers</p>	<p>28082 7</p>	<p>28082 7</p>	<p>HSIP (Section 148)</p>	<p>Urban Major Collector</p>	<p>1120 00</p>	<p>0</p>		<p>Intersections</p>	<p>Implement engineering solutions to reduce red-light running, such as changes in signal timing (i.e., longer yellow, all-red phase).</p>
<p>STP 2014(991)H ES</p>	<p>Intersection traffic control Modify traffic signal - miscellaneous/other/unspecified</p>	<p>1 Numbers</p>	<p>37387 1</p>	<p>37387 1</p>	<p>HSIP (Section 148)</p>	<p>Urban Major Collector</p>	<p>6300 0</p>	<p>0</p>		<p>Intersections</p>	<p>Implement engineering solutions to reduce red-light running, such as changes in signal timing</p>

											(i.e., longer yellow, all-red phase).
STP 1402(034)HRR	Access management Raised island - install new	1 Miles	240405	5294353	HRRRP (SAFET EA-LU)	Urban Principal Arterial - Other	5300	0		Lane Departure	Install more concrete and cable median barriers
STP 2014(073)HRR	Roadway Rumble strips - edge or shoulder	14 Miles	62387	62387	HRRRP (SAFET EA-LU)	Rural Minor Collector	180	0		Roadway Departure	Continue to install shoulder and centerline rumble strips
STP 2014(072)HES	Roadway Rumble strips - edge or shoulder	23 Miles	122744	122744	HSIP (Section 148)	Rural Principal Arterial - Other	26000	0		Roadway Departure	Continue to install shoulder and centerline rumble strips
STP 2014(072)H	Roadway Rumble strips -	7	30716	30716	HSIP (Sectio	Rural Principal	5100	0		Roadway Departure	Continue to install

ES	edge or shoulder	Miles			n 148)	Arterial - Other				e	shoulder and centerline rumble strips
STP 2014(072)H ES	Roadway Rumble strips - center	25 Miles	52866	52866	HSIP (Section 148)	Rural Major Collector	6100	0		Lane Departure	Continue to install shoulder and centerline rumble strips
STP 2014(072)H ES	Roadway Rumble strips - edge or shoulder	12 Miles	78129	78129	HSIP (Section 148)	Rural Principal Arterial - Other	8100	0		Roadway Departure	Continue to install shoulder and centerline rumble strips
STP 2014(072)H ES	Roadway Rumble strips - edge or shoulder	30 Miles	162288	162288	HSIP (Section 148)	Rural Minor Arterial	3300	0		Roadway Departure	Continue to install shoulder and centerline rumble strips

<p>STP 2014(072)H ES</p>	<p>Roadway signs and traffic control Roadway signs and traffic control - other</p>	<p>1 Miles</p>	<p>4821</p>	<p>4821</p>	<p>HSIP (Section 148)</p>	<p>Rural Major Collector</p>	<p>220</p>	<p>0</p>		<p>Roadway Departur e</p>	<p>Provide progressive levels of treatment for curves based on crash experience. Treatments might include increased use of chevron signs, use of speed activated curve warnings and LED curve displays, and textured pavement.</p>
<p>STP 2014(072)H</p>	<p>Roadway Rumble strips -</p>	<p>16</p>	<p>12287</p>	<p>12287</p>	<p>HSIP (Section 148)</p>	<p>Urban Principal</p>	<p>4500</p>	<p>0</p>		<p>Roadway Departur e</p>	<p>Continue to install</p>

ES	edge or shoulder	Miles	4	4	n 148)	Arterial - Other Freeways and Expressways	0			e	shoulder and centerline rumble strips
STP 2014(072)HES	Roadway Rumble strips - edge or shoulder	40 Miles	177161	177161	HSIP (Section 148)	Rural Major Collector	8500	0		Roadway Departure	Continue to install shoulder and centerline rumble strips
STP 2014(072)HES	Roadway Rumble strips - edge or shoulder	5 Miles	27233	27233	HSIP (Section 148)	Rural Minor Arterial	6900	0		Roadway Departure	Continue to install shoulder and centerline rumble strips
STP 2014(072)HES	Roadway signs and traffic control Roadway signs and traffic control - other	5 Miles	2223	2223	HSIP (Section 148)	Rural Minor Arterial	2600	0		Roadway Departure	Provide progressive levels of treatment for curves based on crash

											<p>experienc e. Treatmen ts might include increased use of chevron signs, use of speed activated curve warnings and LED curve displays, and textured pavement .</p>
<p>STP 2014(075)H ES</p>	<p>Intersection traffic control Modify traffic signal - miscellaneous/other/unspecified</p>	<p>1 Numb ers</p>	<p>6015</p>	<p>6015</p>	<p>HSIP (Sectio n 148)</p>	<p>Rural Principal Arterial - Other</p>	<p>1750 0</p>	<p>0</p>		<p>Intersecti ons</p>	<p>Implemen t engineeri ng solutions to reduce red-light running, such as</p>

											changes in signal timing (i.e., longer yellow, all-red phase).
STP 2014(075)HES	Intersection traffic control Intersection traffic control - other	1 Numbers	356364	356364	HSIP (Section 148)	Urban Principal Arterial - Other	7100	0		Intersections	Implement engineering solutions to reduce red-light running, such as changes in signal timing (i.e., longer yellow, all-red phase).
STP 2014(072)H	Roadway Rumble strips - edge or shoulder	23 Miles	276103	276103	HSIP (Section 148)	Rural Minor	6700	0		Roadway Departur	Continue to install shoulder

ES					n 148)	Arterial				e	and centerline rumble strips
STP 2014(072)H ES	Roadway Rumble strips - edge or shoulder	37 Miles	273596	273596	HSIP (Section 148)	Rural Principal Arterial - Other	20000	0		Roadway Departure	Continue to install shoulder and centerline rumble strips
STP 2014(795)H ES	Shoulder treatments Shoulder treatments - other	1 Miles	358934	358934	HSIP (Section 148)	Rural Major Collector	1400	0		Roadway Departure	Increase the use of paved shoulders on FM roads to increase the "forgiveness" of the road during road departures.
STP	Shoulder treatments	2	29066	52778	HSIP	Rural	1500	0		Roadway	Increase

<p>2014(793)HES</p>	<p>Shoulder treatments - other</p>	<p>Miles</p>	<p>0</p>	<p>8</p>	<p>(Section 148)</p>	<p>Minor Collector</p>				<p>Departures</p>	<p>the use of paved shoulders on FM roads to increase the "forgiveness" of the road during road departures.</p>
<p>STP 2014(696)HESG</p>	<p>Lighting Lighting - other</p>	<p>2 Miles</p>	<p>446622</p>	<p>446622</p>	<p>HSIP (Section 148)</p>	<p>Urban Principal Arterial - Other Freeways and Expressways</p>	<p>48000</p>	<p>0</p>		<p>Intersections</p>	<p>Eliminate limited sight distance on all roads. This includes high speed rural and urban intersections where</p>

											sight distance limitations exist due to vegetation, signing, and other obstructions.
STP 2014(775)H ESG	Roadside Barrier - other	1 Miles	96842	96842	HSIP (Section 148)	Urban Principal Arterial - Other	58000	0		Lane Departure	Install more concrete and cable median barriers
STP 1402(042)H ESG	Intersection traffic control Intersection traffic control - other	1 Numbers	121255	121255	HSIP (Section 148)	Rural Minor Arterial	6300	0		Intersections	Implement engineering solutions to reduce red-light running, such as changes in signal timing

											(i.e., longer yellow, all-red phase).
STP 2014(879)H ESG	Roadway Rumble strips - center	24 Miles	176595	176595	HSIP (Section 148)	Rural Minor Arterial	12200	0		Lane Departure	Continue to install shoulder and centerline rumble strips
STP 2014(881)H ESG	Roadway Rumble strips - center	9 Miles	56890	56890	HSIP (Section 148)	Rural Major Collector	2200	0		Lane Departure	Continue to install shoulder and centerline rumble strips
STP 2014(877)H ESG	Roadway Rumble strips - center	10 Miles	71721	71721	HSIP (Section 148)	Rural Minor Arterial	2500	0		Lane Departure	Continue to install shoulder and centerline rumble strips

STP 2014(880)H ESG	Roadway Rumble strips - center	12 Miles	81301	81301	HSIP (Section 148)	Urban Minor Collector	8300	0		Lane Departure	Continue to install shoulder and centerline rumble strips
STP 2014(878)H ESG	Roadway Rumble strips - center	12 Miles	97986	97986	HSIP (Section 148)	Rural Major Collector	6400	0		Lane Departure	Continue to install shoulder and centerline rumble strips
STP 2014(882)H ESG	Roadway Rumble strips - center	8 Miles	65368	65368	HSIP (Section 148)	Rural Major Collector	5800	0		Lane Departure	Continue to install shoulder and centerline rumble strips
STP 2014(883)H ESG	Roadway Rumble strips - center	8 Miles	57893	57893	HSIP (Section 148)	Rural Major Collector	3700	0		Lane Departure	Continue to install shoulder and centerline rumble

											strips
STP 2014(789)HES	Roadside Barrier - cable	4 Miles	391124	391124	HSIP (Section 148)	Rural Principal Arterial - Other	11500	0		Lane Departure	Install more concrete and cable median barriers
STP 2014(832)HESG	Roadway Rumble strips - edge or shoulder	16 Miles	39460	39460	HSIP (Section 148)	Rural Minor Arterial	2700	0		Roadway Departure	Continue to install shoulder and centerline rumble strips
STP 2014(835)HESG & STP 2014(836)HESG	Roadway Rumble strips - center	15 Miles	42763	42763	HSIP (Section 148)	Rural Major Collector	2300	0		Lane Departure	Continue to install shoulder and centerline rumble strips
STP 2014(818)HESG	Roadway Rumble strips - center	12 Miles	15392	15392	HSIP (Section 148)	Rural Minor Arterial	3300	0		Lane Departure	Continue to install shoulder and centerline rumble

											strips
STP 2014(821)H ESG & STP 2014(822)H ESG	Roadway Rumble strips - center	19 Miles	62434	62434	HSIP (Section 148)	Rural Major Collector	1700	0		Lane Departure	Continue to install shoulder and centerline rumble strips
STP 2014(823)H ESG & STP 2014(837)H ESG	Roadway Rumble strips - center	17 Miles	81678	81678	HSIP (Section 148)	Rural Major Collector	3000	0		Lane Departure	Continue to install shoulder and centerline rumble strips
STP 2014(820) HESG & STP 2014(829)H ESG	Roadway Rumble strips - center	12 Miles	47290	47290	HSIP (Section 148)	Rural Major Collector	4900	0		Lane Departure	Continue to install shoulder and centerline rumble strips
STP 2014(824)H ESG, STP 2014(825)H ESG & STP	Roadway Rumble strips - center	16 Miles	51454	51454	HSIP (Section 148)	Rural Major Collector	4200	0		Lane Departure	Continue to install shoulder and centerline

2014(826)H ESG											rumble strips
STP 2014(828)H ESG & STP 2014(827)H ESG	Roadway Rumble strips - center	22 Miles	58941	58941	HSIP (Section 148)	Rural Major Collector	5600	0		Lane Departure	Continue to install shoulder and centerline rumble strips
STP 2014(816)H ESG	Roadway Rumble strips - center	12 Miles	84564	84564	HSIP (Section 148)	Rural Major Collector	2700	0		Lane Departure	Continue to install shoulder and centerline rumble strips
STP 2014(817)H ESG	Roadway Rumble strips - center	15 Miles	44862	44862	HSIP (Section 148)	Rural Principal Arterial - Other	1250	0		Lane Departure	Continue to install shoulder and centerline rumble strips
STP 2014(830)H ESG & STP 2014(831)H	Roadway Rumble strips - center	20 Miles	53570	53570	HSIP (Section 148)	Rural Major Collector	3600	0		Lane Departure	Continue to install shoulder and

ESG											centerline rumble strips
STP 2014(819)H ESG	Roadway Rumble strips - edge or shoulder	7 Miles	21186	21186	HSIP (Section 148)	Rural Major Collector	3200	0		Roadway Departure	Continue to install shoulder and centerline rumble strips
STP 2014(834)H ESG	Roadway Rumble strips - edge or shoulder	10 Miles	40449	40449	HSIP (Section 148)	Rural Major Collector	5500	0		Roadway Departure	Continue to install shoulder and centerline rumble strips
STP 2014(833)H ESG	Roadway Rumble strips - edge or shoulder	13 Miles	25690	25690	HSIP (Section 148)	Rural Major Collector	2600	0		Roadway Departure	Continue to install shoulder and centerline rumble strips
STP 2014(788)H	Roadside Barrier - cable	3 Miles	490190	490190	HSIP (Section 148)	Rural Principal Arterial -	26000	0		Lane Departure	Install more concrete

ES					n 148)	Other				e	and cable median barriers
IG 2002(961)S FT	Miscellaneous		60000 00	60000 00	HSIP (Section 148)	Crash database				Data	Crash Records Information System (CRIS)

We currently do not collect Speed. All of the projects are "State Highway Agency" for Roadway Ownership. The system would not allow a new template to be uploaded and there were too many projects to enter "State Highway Agency" for each project.

Progress in Achieving Safety Performance Targets

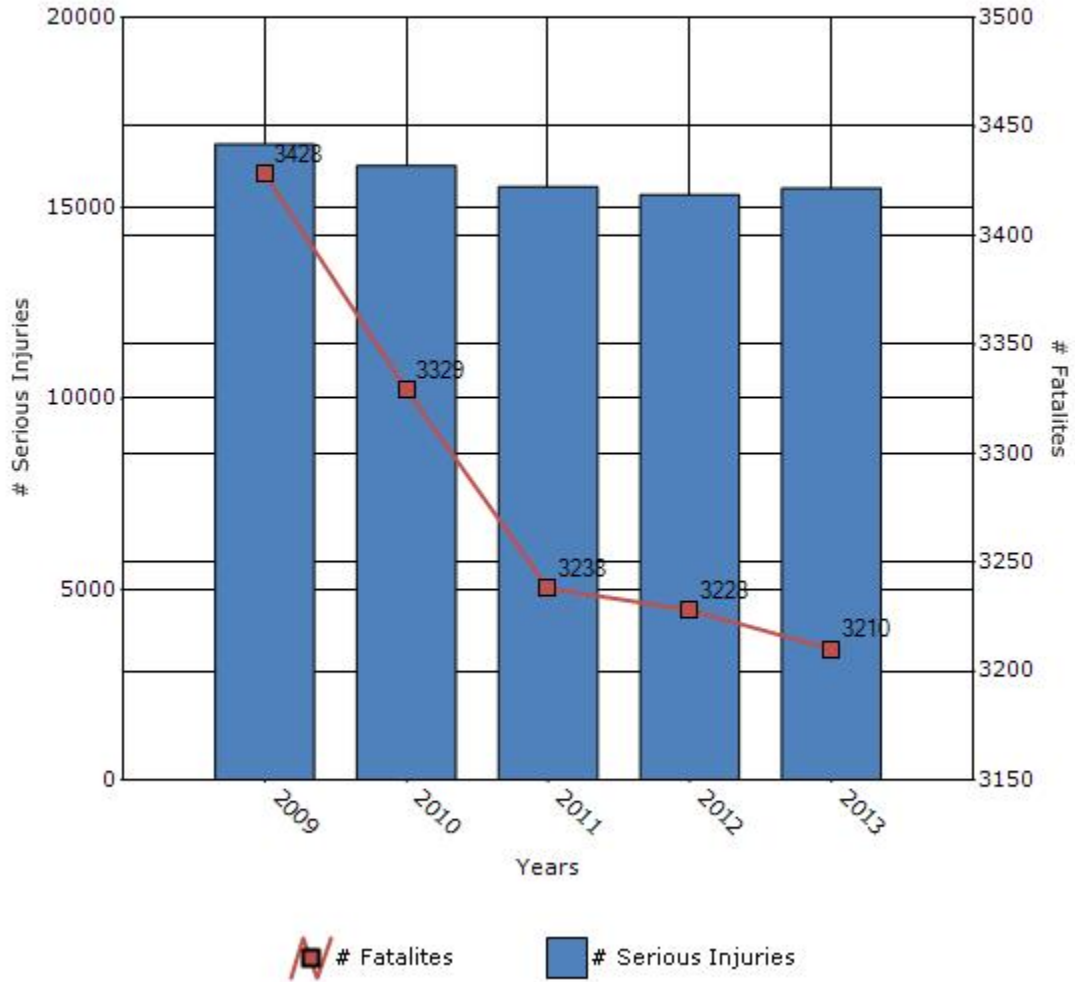
Overview of General Safety Trends

Present data showing the general highway safety trends in the state for the past five years.

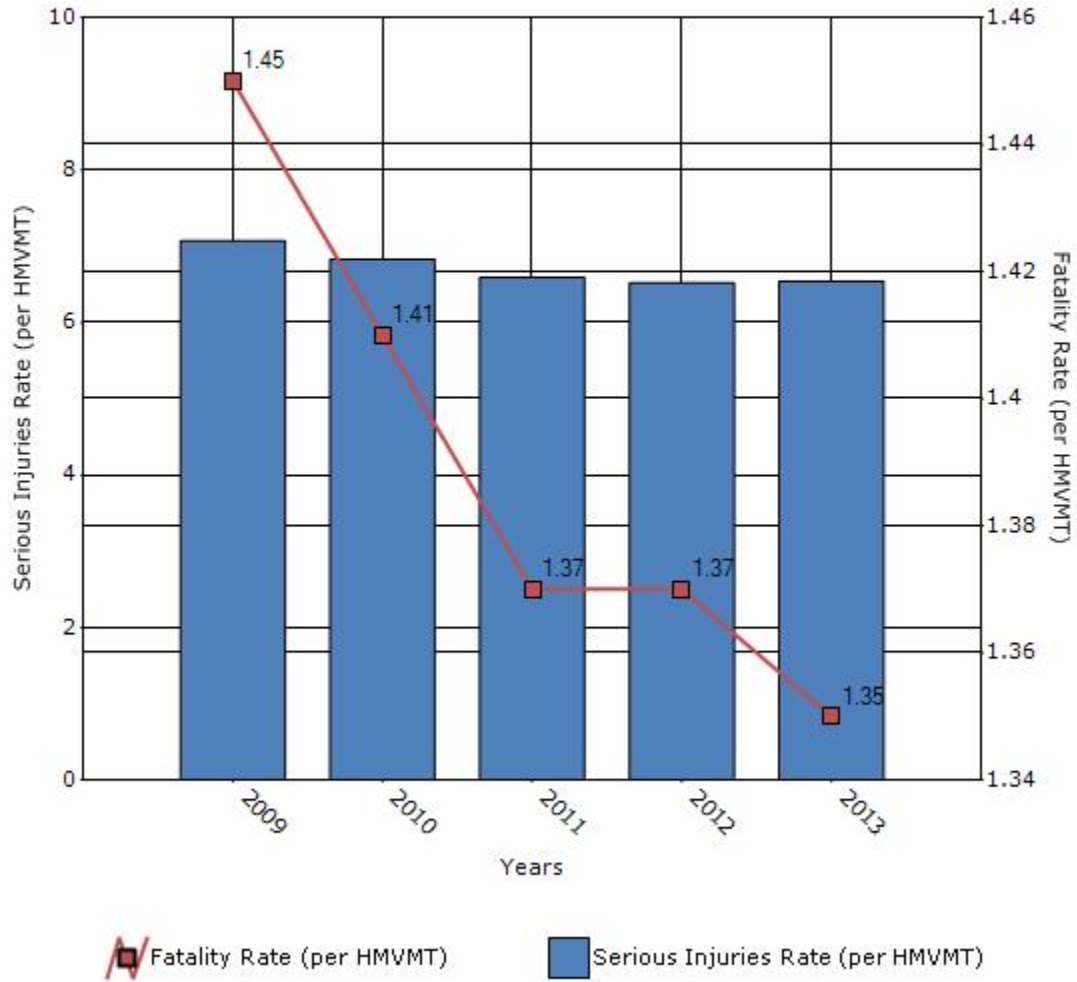
Performance Measures*	2009	2010	2011	2012	2013
Number of fatalities	3428	3329	3238	3228	3210
Number of serious injuries	16678	16106	15554	15348	15523
Fatality rate (per HMVMT)	1.45	1.41	1.37	1.37	1.35
Serious injury rate (per HMVMT)	7.07	6.83	6.59	6.52	6.54

*Performance measure data is presented using a five-year rolling average.

Number of Fatalities and Serious injuries for the Last Five Years



Rate of Fatalities and Serious injuries for the Last Five Years



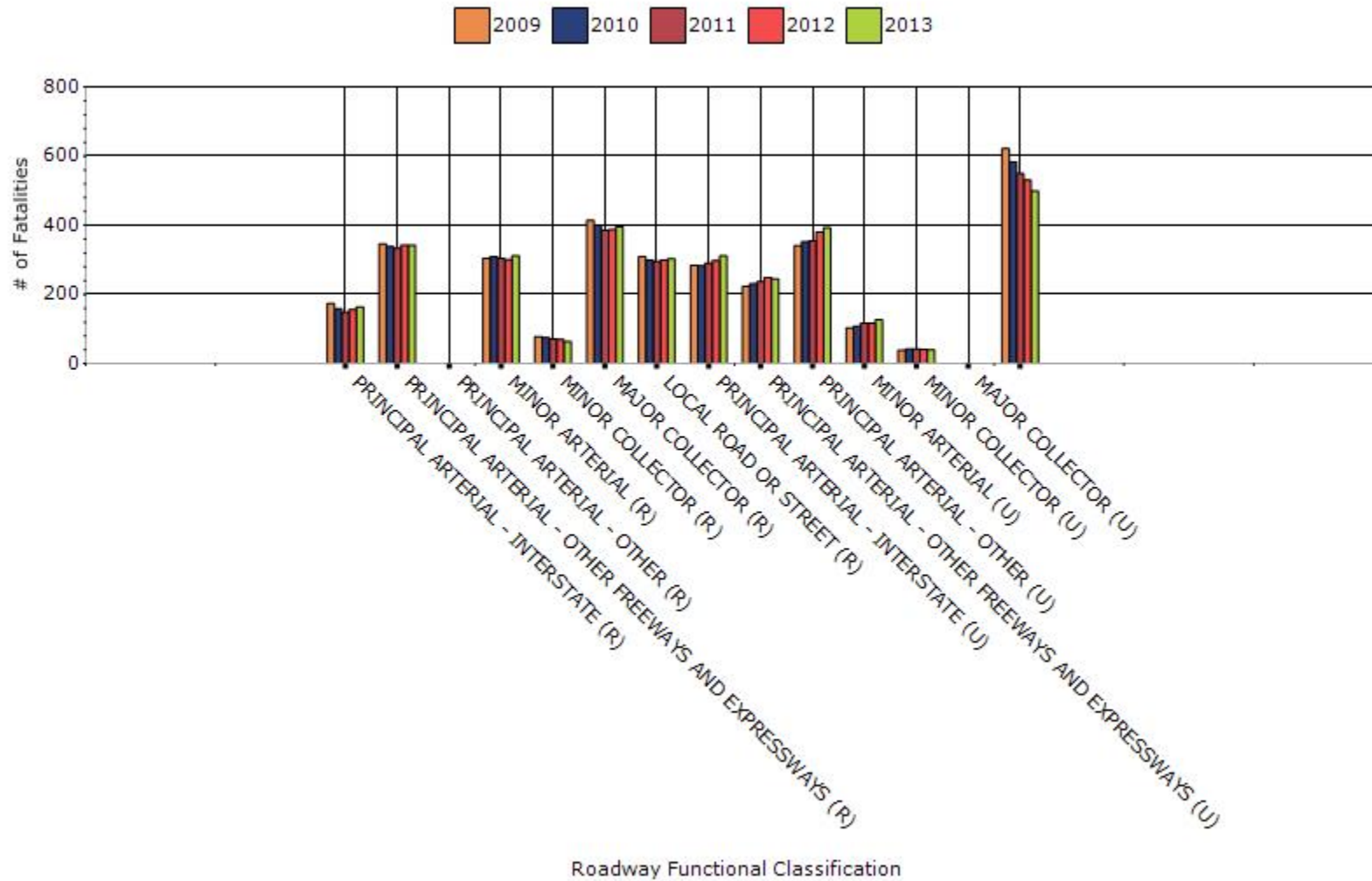
To the maximum extent possible, present performance measure* data by functional classification and ownership.

Year - 2013

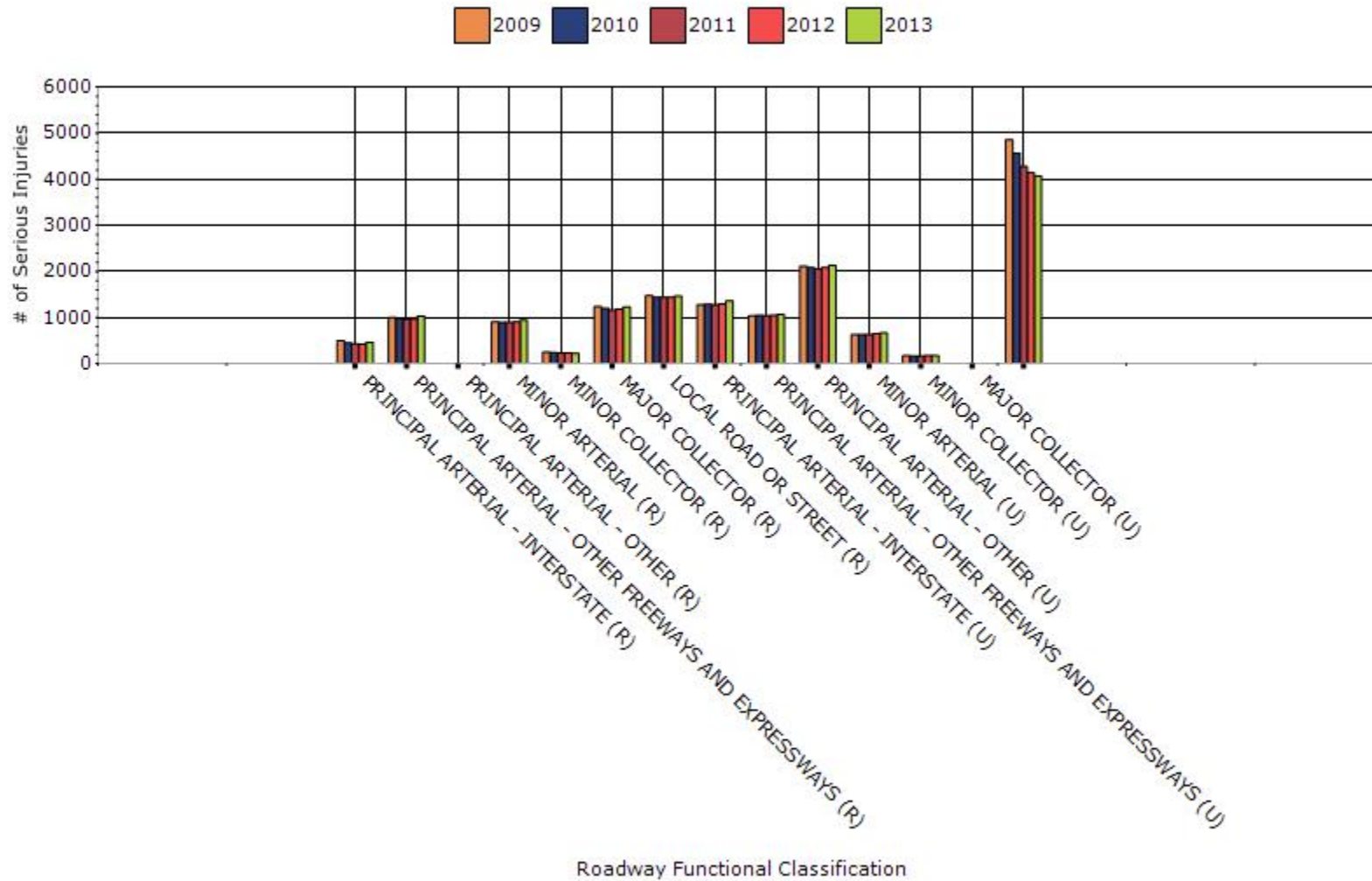
Function Classification	Number of fatalities	Number of serious injuries	Fatality rate (per HMVMT)	Serious injury rate (per HMVMT)
RURAL PRINCIPAL ARTERIAL - INTERSTATE	164	461	1.04	2.92
RURAL PRINCIPAL ARTERIAL - OTHER FREEWAYS AND EXPRESSWAYS	343	1030	1.29	3.84
RURAL PRINCIPAL ARTERIAL - OTHER	0	0	0	0
RURAL MINOR ARTERIAL	312	941	2.57	7.73
RURAL MINOR COLLECTOR	64	227	2.44	8.61
RURAL MAJOR COLLECTOR	395	1231	2.85	8.83
RURAL LOCAL ROAD OR STREET	303	1469	5.56	26.94
URBAN PRINCIPAL	312	1362	0.76	3.3

ARTERIAL - INTERSTATE				
URBAN PRINCIPAL ARTERIAL - OTHER FREEWAYS AND EXPRESSWAYS	245	1064	0.8	3.47
URBAN PRINCIPAL ARTERIAL - OTHER	393	2129	1.06	5.73
URBAN MINOR ARTERIAL	127	669	0.44	2.31
URBAN MINOR COLLECTOR	40	177	0.21	0.93
URBAN MAJOR COLLECTOR	0	0	0	0
URBAN LOCAL ROAD OR STREET	499	4072	5.38	43.99

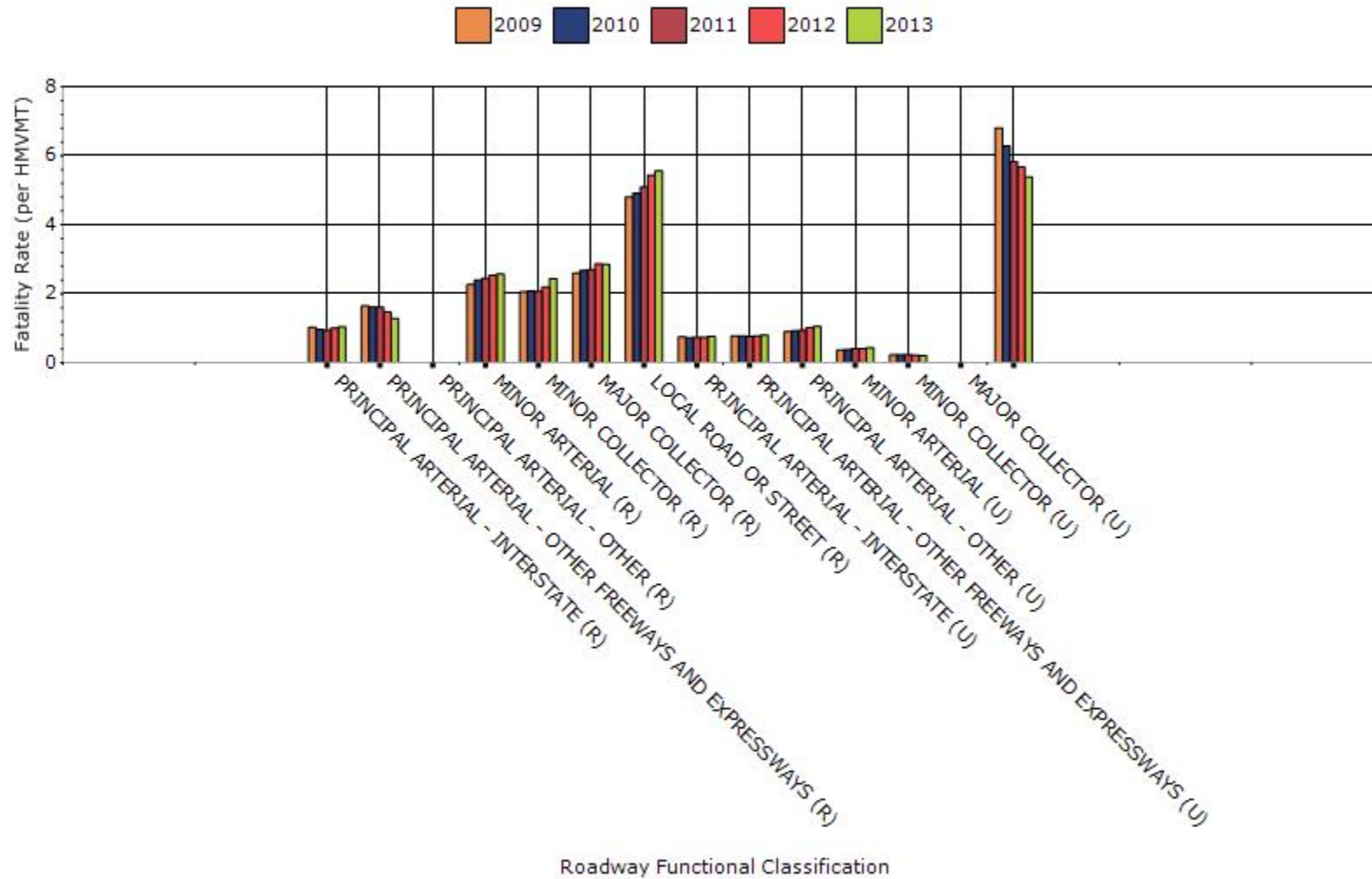
Fatalities by Roadway Functional Classification



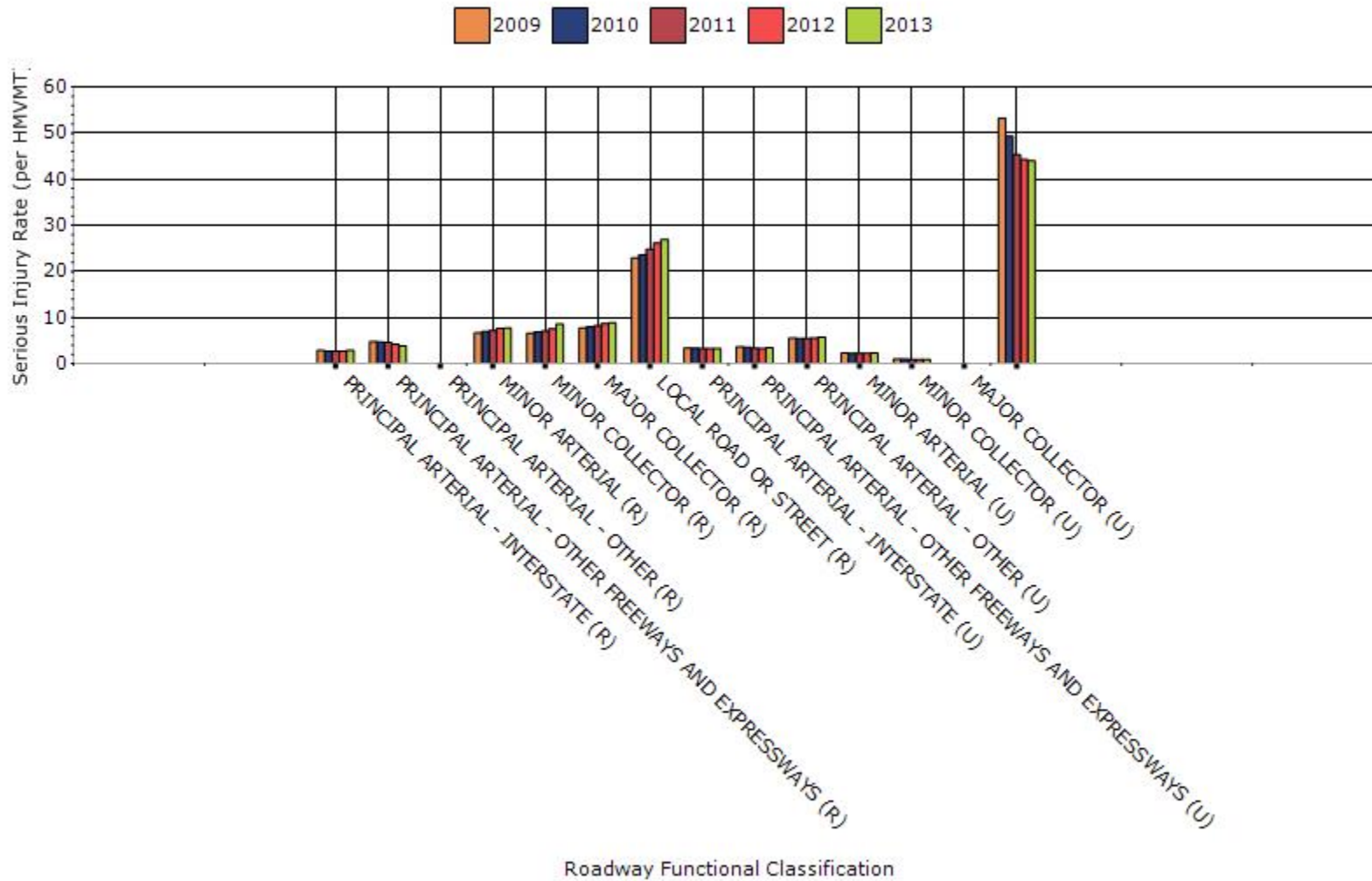
Serious Injuries by Roadway Functional Classification



Fatality Rate by Roadway Functional Classification



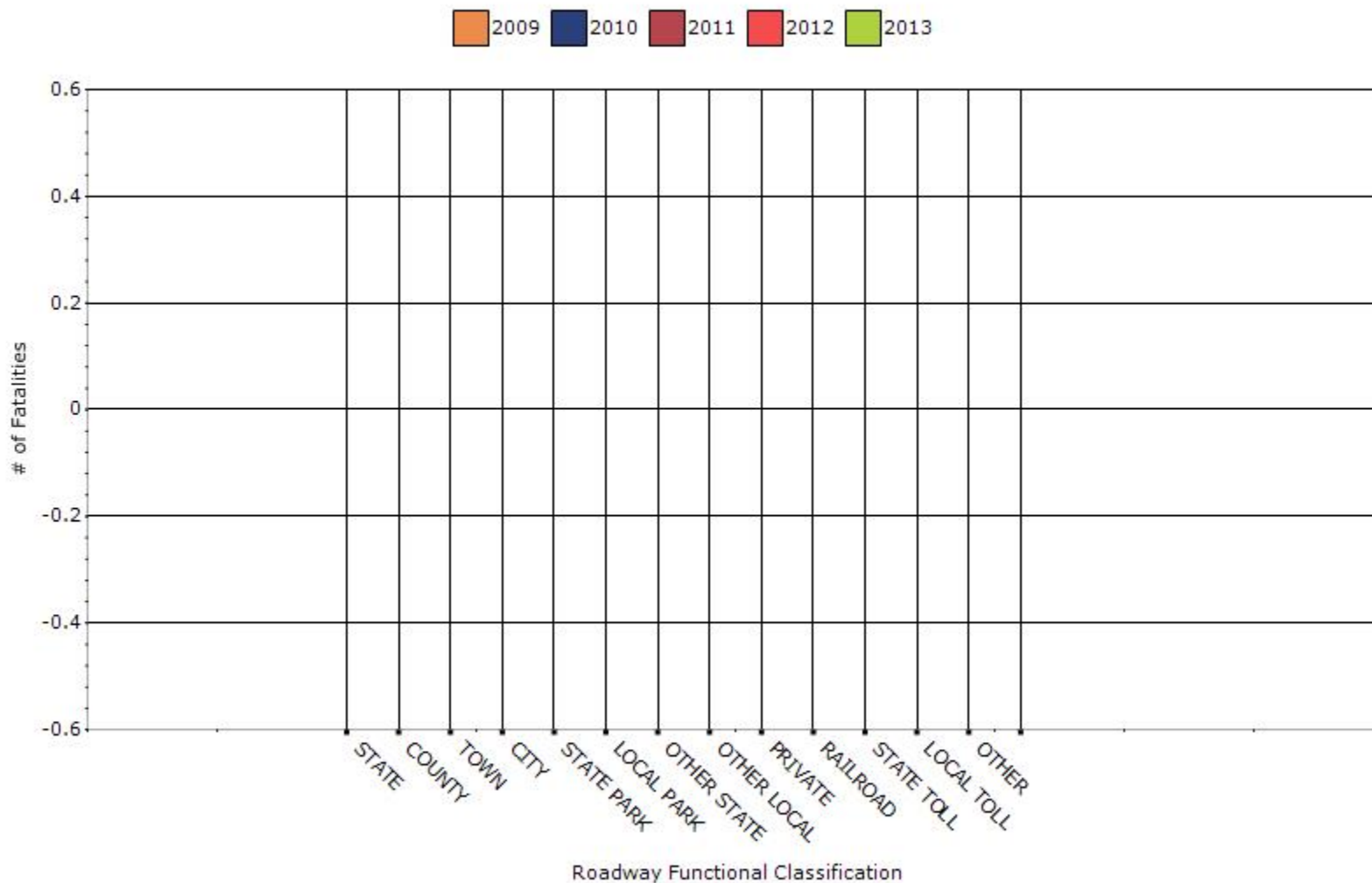
Serious Injury Rate by Roadway Functional Classification



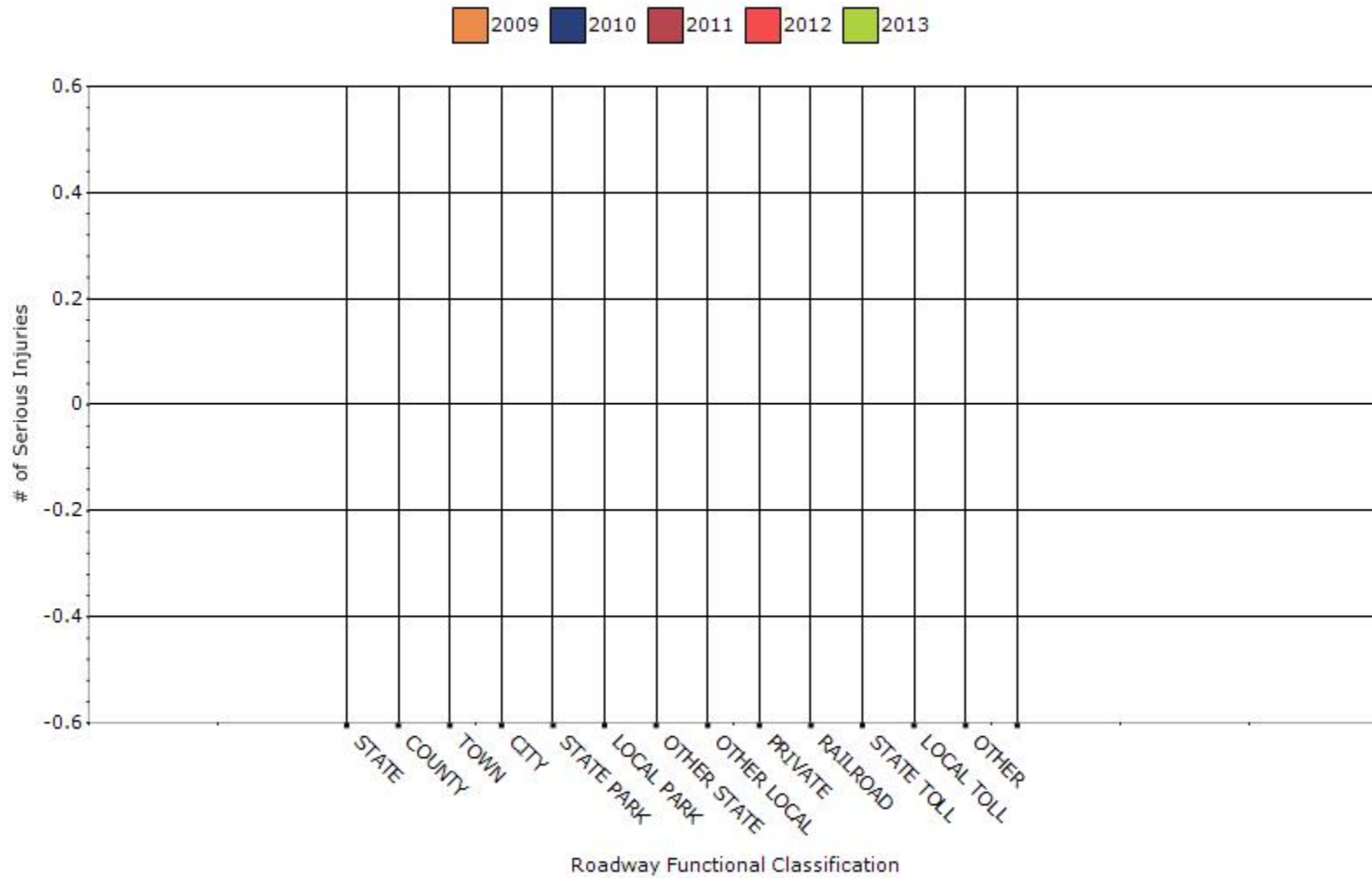
Year - 2013

Roadway Ownership	Number of fatalities	Number of serious injuries	Fatality rate (per HMVMT)	Serious injury rate (per HMVMT)
STATE HIGHWAY AGENCY	0	0	0	0
COUNTY HIGHWAY AGENCY	0	0	0	0
TOWN OR TOWNSHIP HIGHWAY AGENCY	0	0	0	0
CITY OF MUNICIPAL HIGHWAY AGENCY	0	0	0	0
STATE PARK, FOREST, OR RESERVATION AGENCY	0	0	0	0
LOCAL PARK, FOREST OR RESERVATION AGENCY	0	0	0	0
OTHER STATE AGENCY	0	0	0	0
OTHER LOCAL AGENCY	0	0	0	0
PRIVATE (OTHER THAN RAILROAD)	0	0	0	0
RAILROAD	0	0	0	0
STATE TOLL AUTHORITY	0	0	0	0
LOCAL TOLL AUTHORITY	0	0	0	0
OTHER PUBLIC INSTRUMENTALITY (E.G. AIRPORT, SCHOOL, UNIVERSITY)	0	0	0	0
INDIAN TRIBE NATION	0	0	0	0

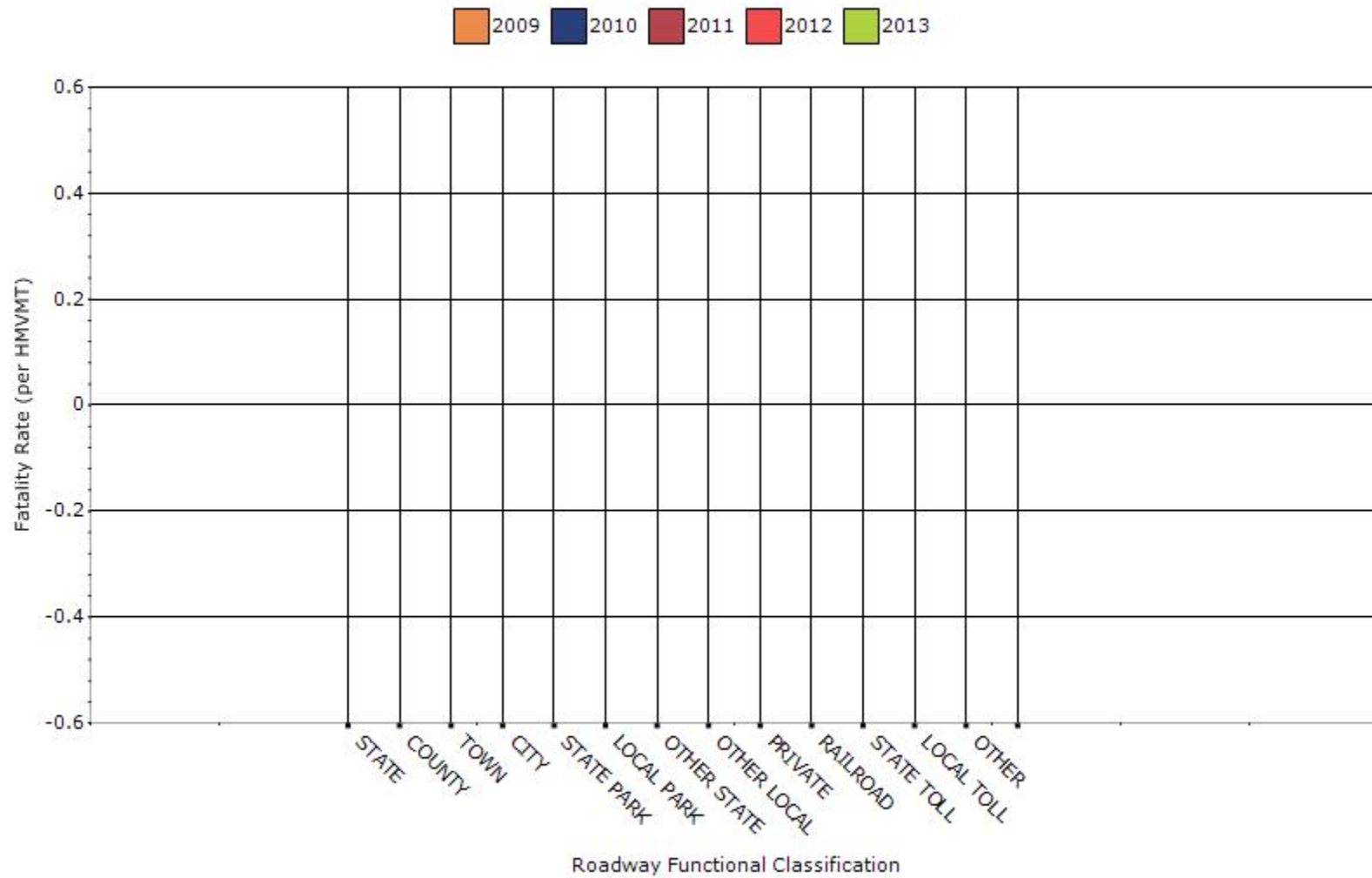
Number of Fatalities by Roadway Ownership



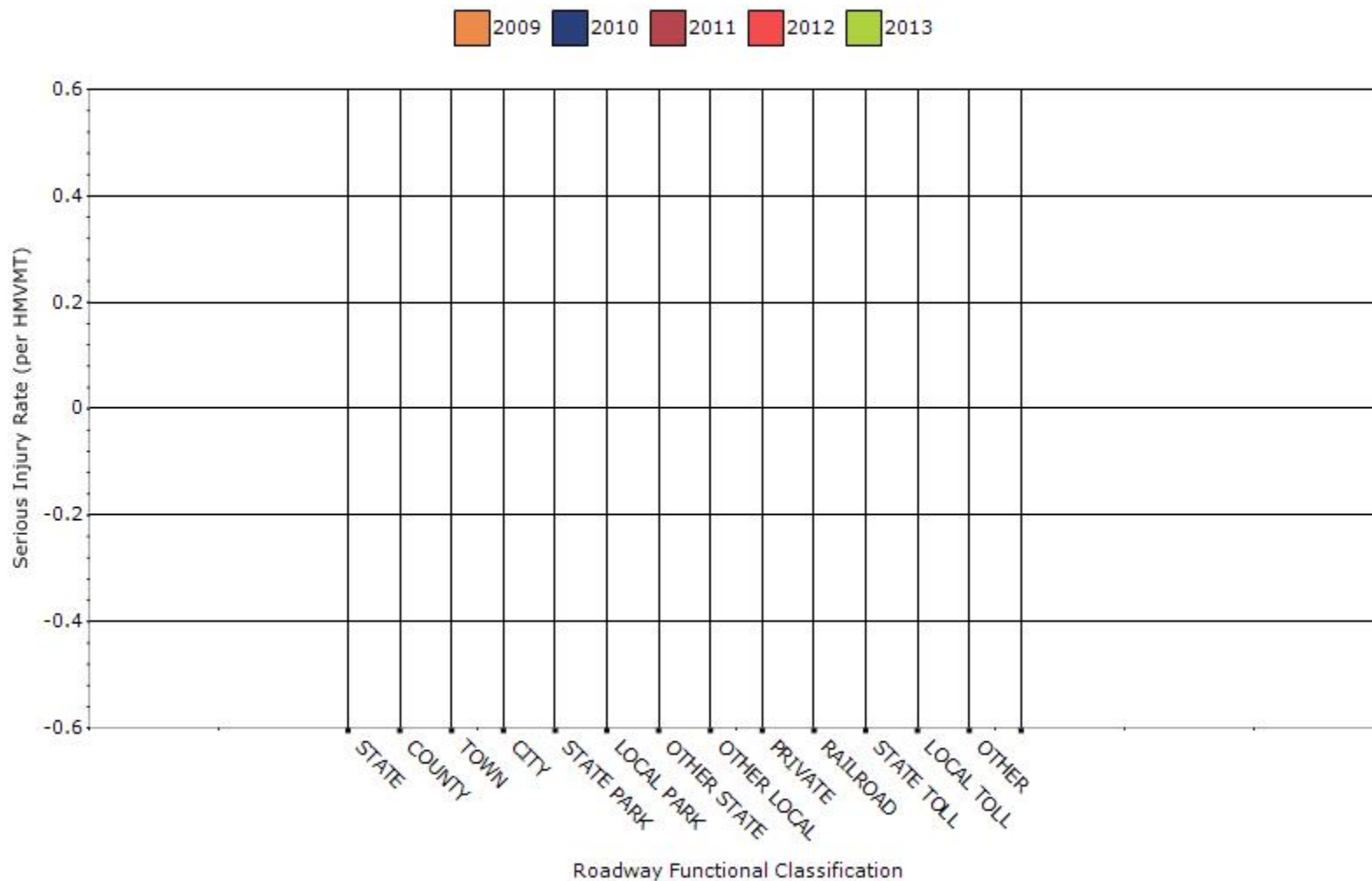
Number of Serious Injuries by Roadway Ownership



Fatality Rate by Roadway Ownership



Serious Injury Rate by Roadway Ownership



We calculate Rural Principal Arterial - Other Freeways and Expressways & Rural Principal Arterial - Other together as one using Rural Principal Arterial.

We calculate Urban Minor Collector and Urban Major Collector as one using Urban Collector.

We do not collect Roadway Ownership.

Describe any other aspects of the general highway safety trends on which you would like to elaborate.

Serious injuries are defined as Incapacitating injuries (A).

Application of Special Rules

Present the rate of traffic fatalities and serious injuries per capita for drivers and pedestrians over the age of 65.

Older Driver Performance Measures	2009	2010	2011	2012	2013
Fatality rate (per capita)	3.01	2.85	2.8	2.74	2.19
Serious injury rate (per capita)	7.82	7.79	7.67	7.78	6.3
Fatality and serious injury rate (per capita)	10.82	10.64	10.47	10.52	8.49

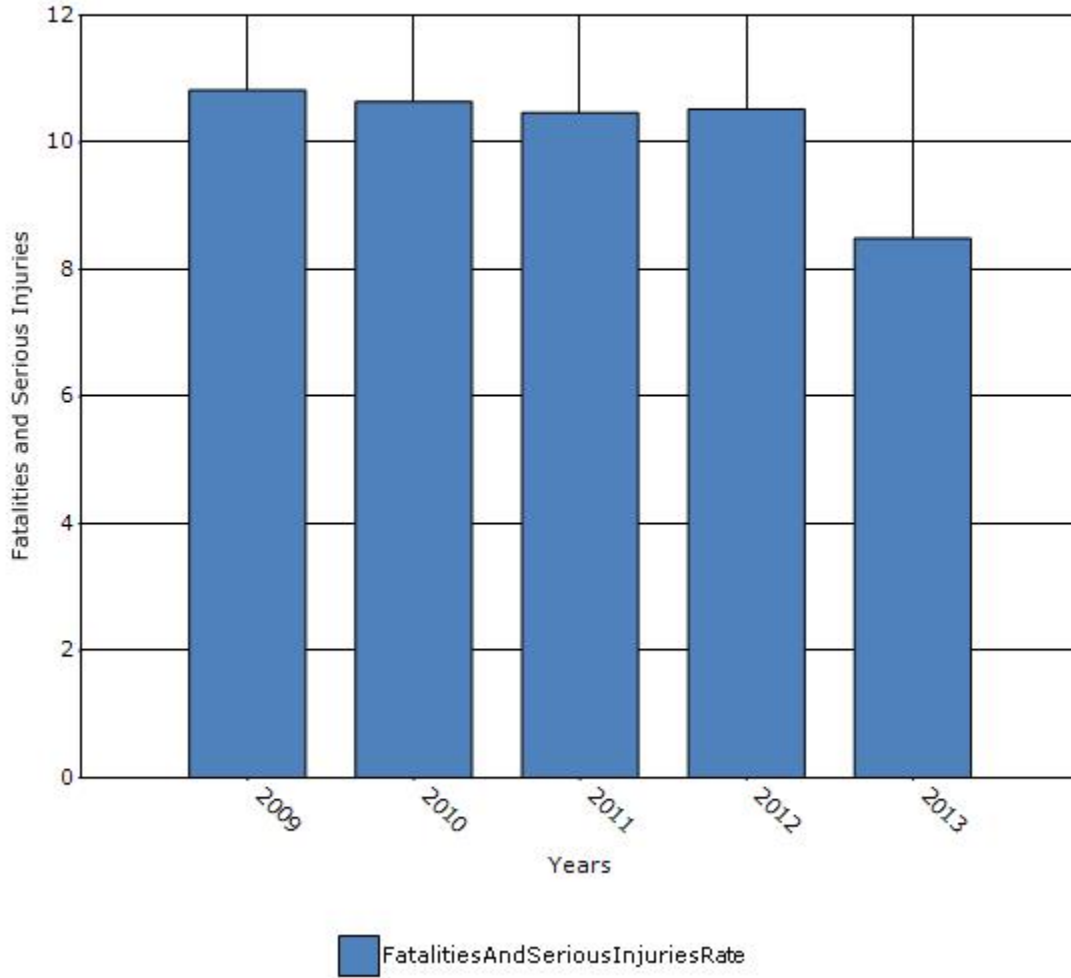
*Performance measure data is presented using a five-year rolling average.

Fatality and Serious Injury Rate = (Fatalities (FARS) + Incapacitating Injuries)/65+Population(per1,000)

For the purpose of this analysis, serious injuries are defined as incapacitating injuries only.

*FARS does not currently have 2013 data.

Rate of Fatalities and Serious injuries for the Last Five Years



Does the older driver special rule apply to your state?

No

Assessment of the Effectiveness of the Improvements (Program Evaluation)

What indicators of success can you use to demonstrate effectiveness and success in the Highway Safety Improvement Program?

- None
- Benefit/cost
- Policy change
- Other: Other-% decrease in number of fatal and serious injury crashes and injuries in SHSP emphasis areas.

What significant programmatic changes have occurred since the last reporting period?

- Shift Focus to Fatalities and Serious Injuries
- Include Local Roads in Highway Safety Improvement Program
- Organizational Changes
- None
- Other:

Briefly describe significant program changes that have occurred since the last reporting period.

No significant program changes have occurred since the last reporting period.

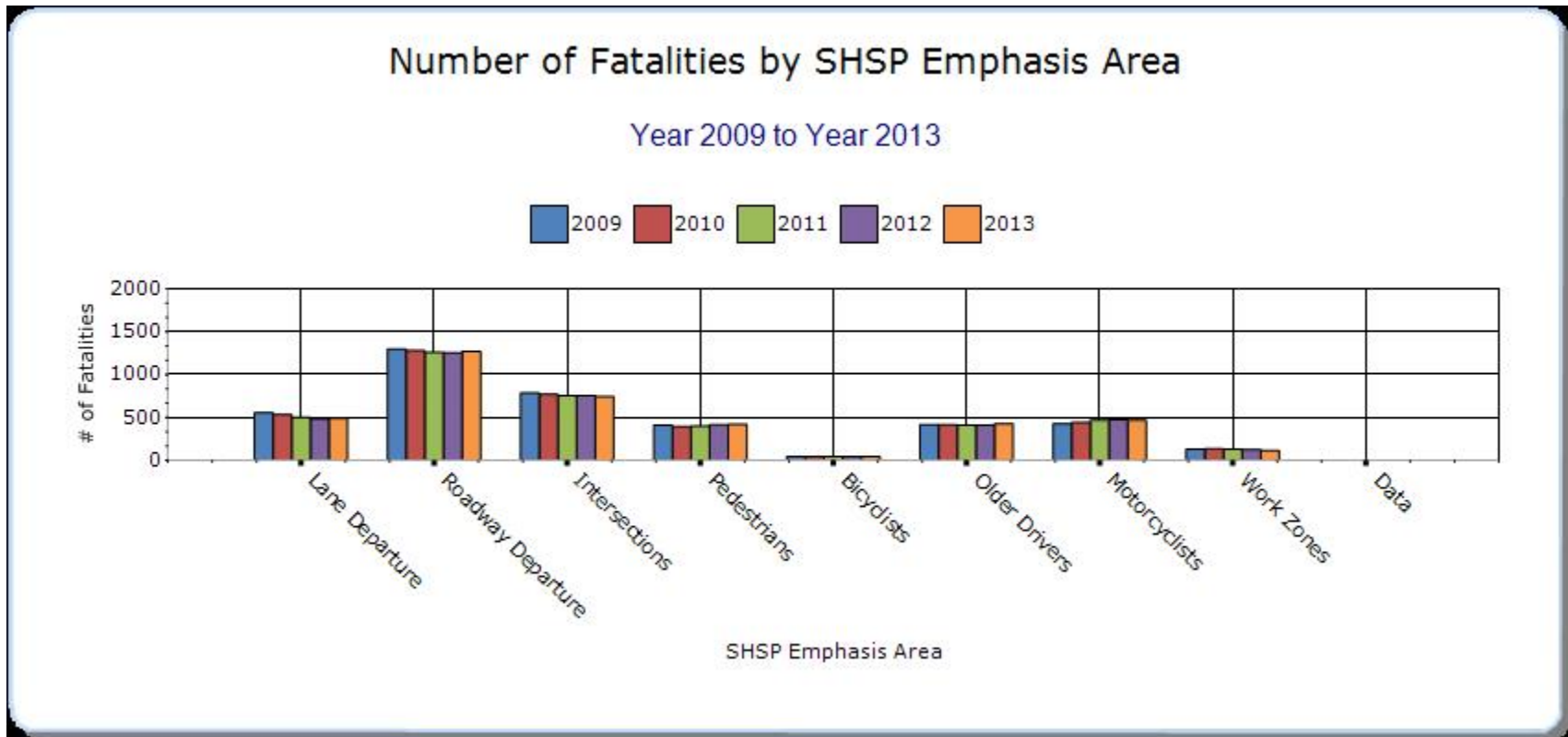
SHSP Emphasis Areas

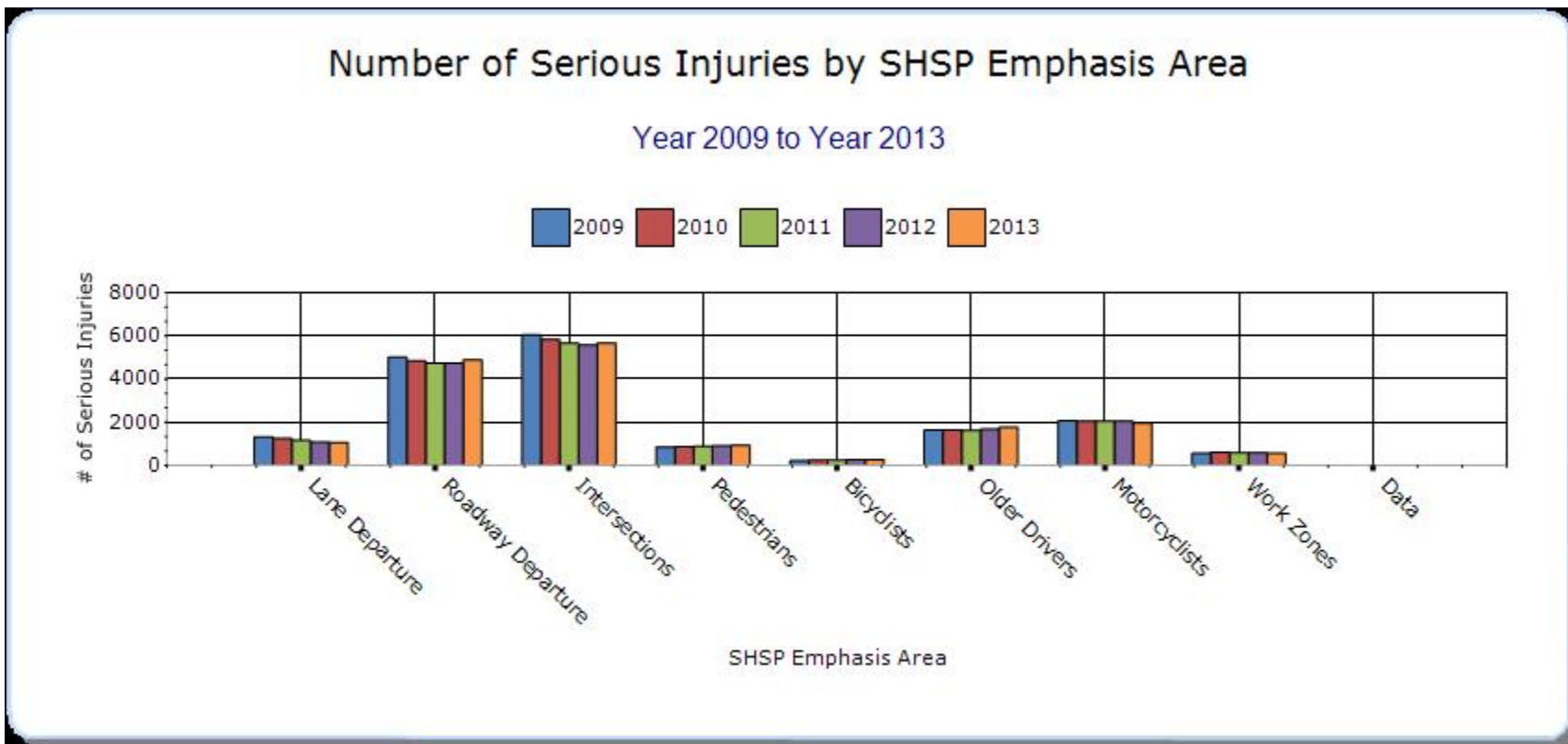
For each SHSP emphasis area that relates to the HSIP, present trends in emphasis area performance measures.

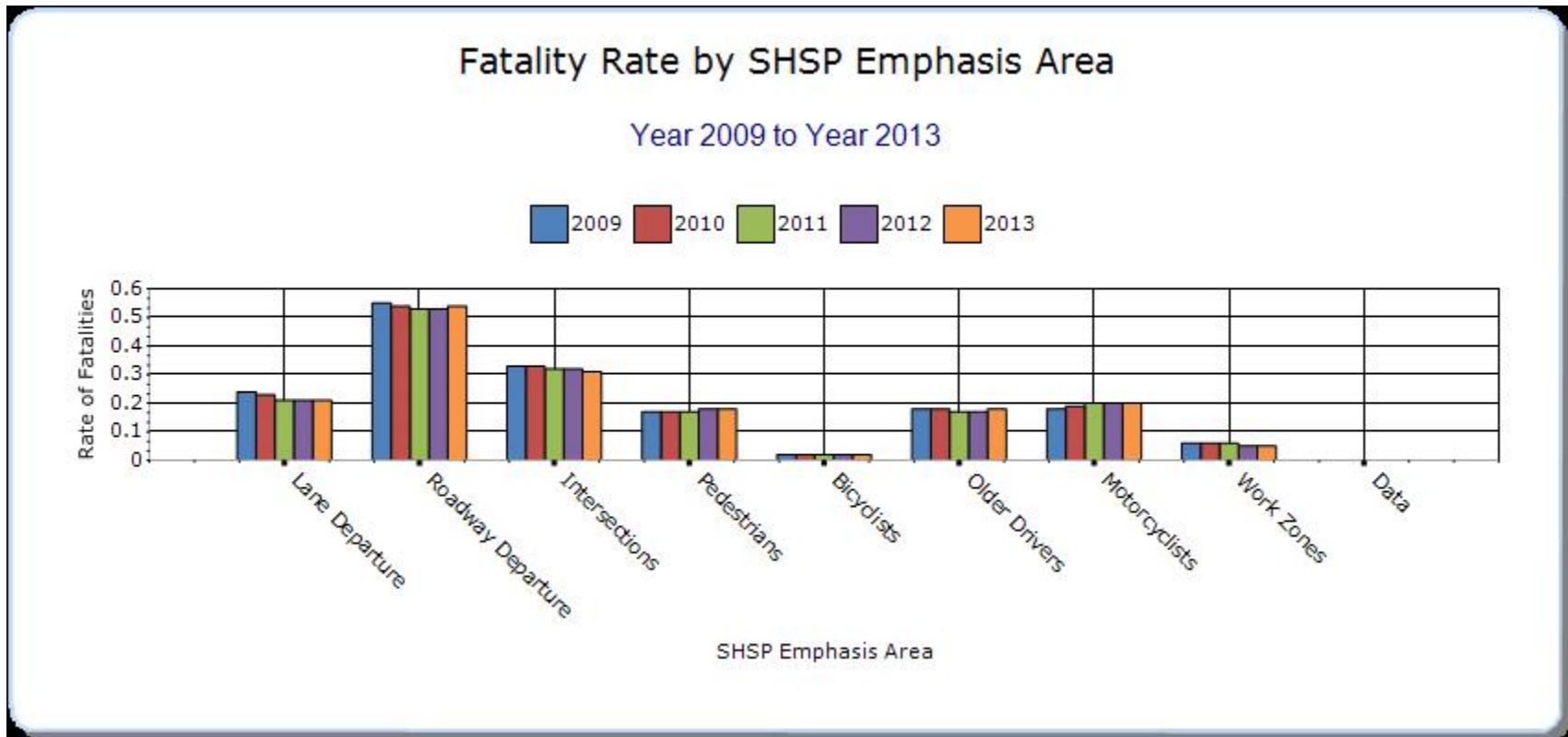
Year - 2013

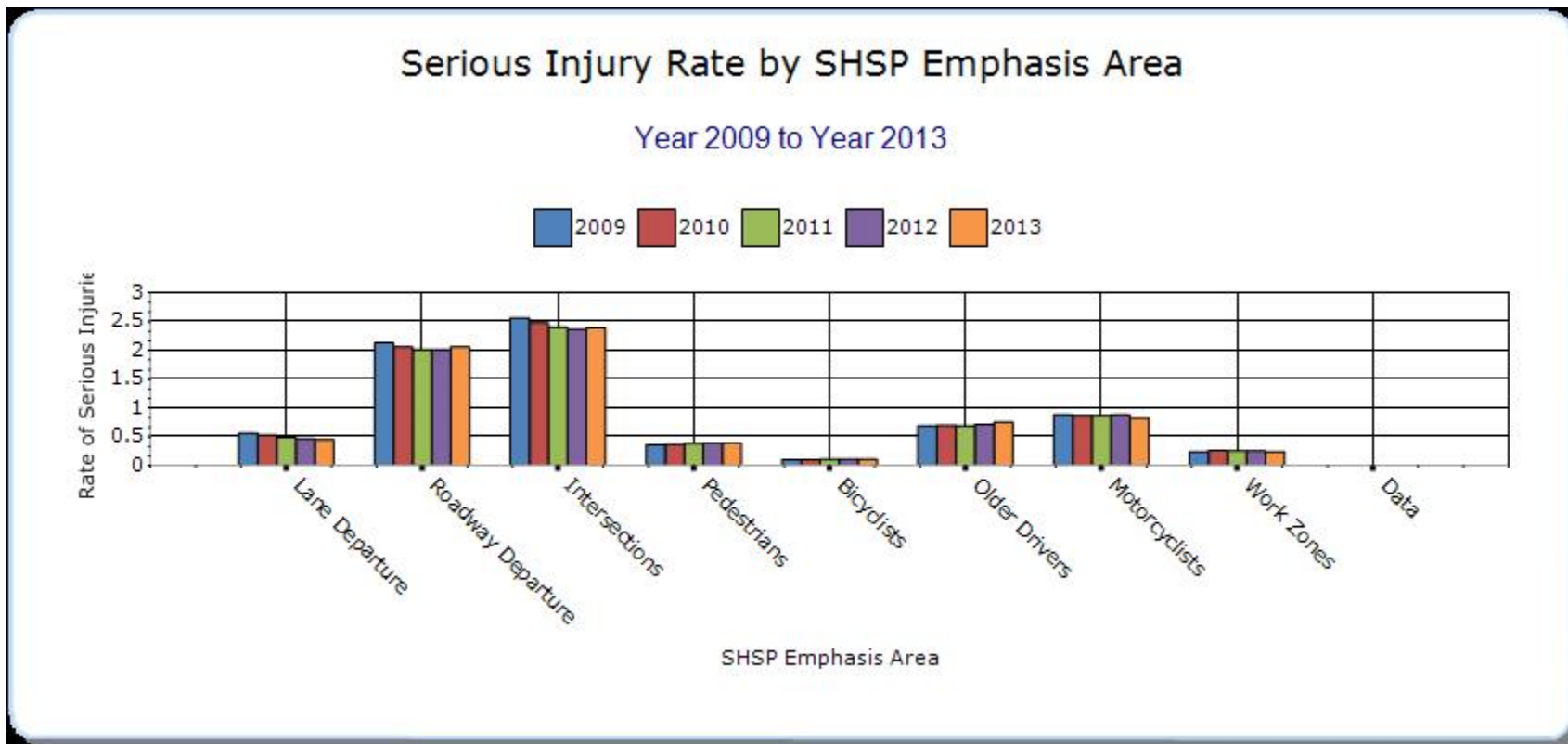
HSIP-related SHSP Emphasis Areas	Target Crash Type	Number of fatalities	Number of serious injuries	Fatality rate (per HMVMT)	Serious injury rate (per HMVMT)	Other-1	Other-2	Other-3
Lane Departure		490	1067	0.21	0.45	0	0	0
Roadway Departure		1272	4882	0.54	2.06	0	0	0
Intersections		746	5677	0.31	2.39	0	0	0
Pedestrians		423	932	0.18	0.39	0	0	0
Bicyclists		48	272	0.02	0.11	0	0	0
Older Drivers		428	1770	0.18	0.75	0	0	0
Motorcyclists		469	1961	0.2	0.83	0	0	0
Work Zones		115	578	0.05	0.24	0	0	0
Railroad Grade Crossing		24	43	0.01	0.02	0	0	0
Teen Drivers		377	2312	0.16	0.98	0	0	0
Large Trucks		332	759	0.14	0.32	0	0	0
DUI		1260	2859	0.53	1.21	0	0	0

Speed		759	2219	0.32	0.94	0	0	0
Lack of Restrained Usage		926	1977	0.39	0.83	0	0	0
Distracted Driving		453	2974	0.19	1.25	0	0	0
Rural		1766	6230	0.74	2.62	0	0	0









Older drivers represent the number people killed and seriously injured in crash involving an older driver, not just the older driver.

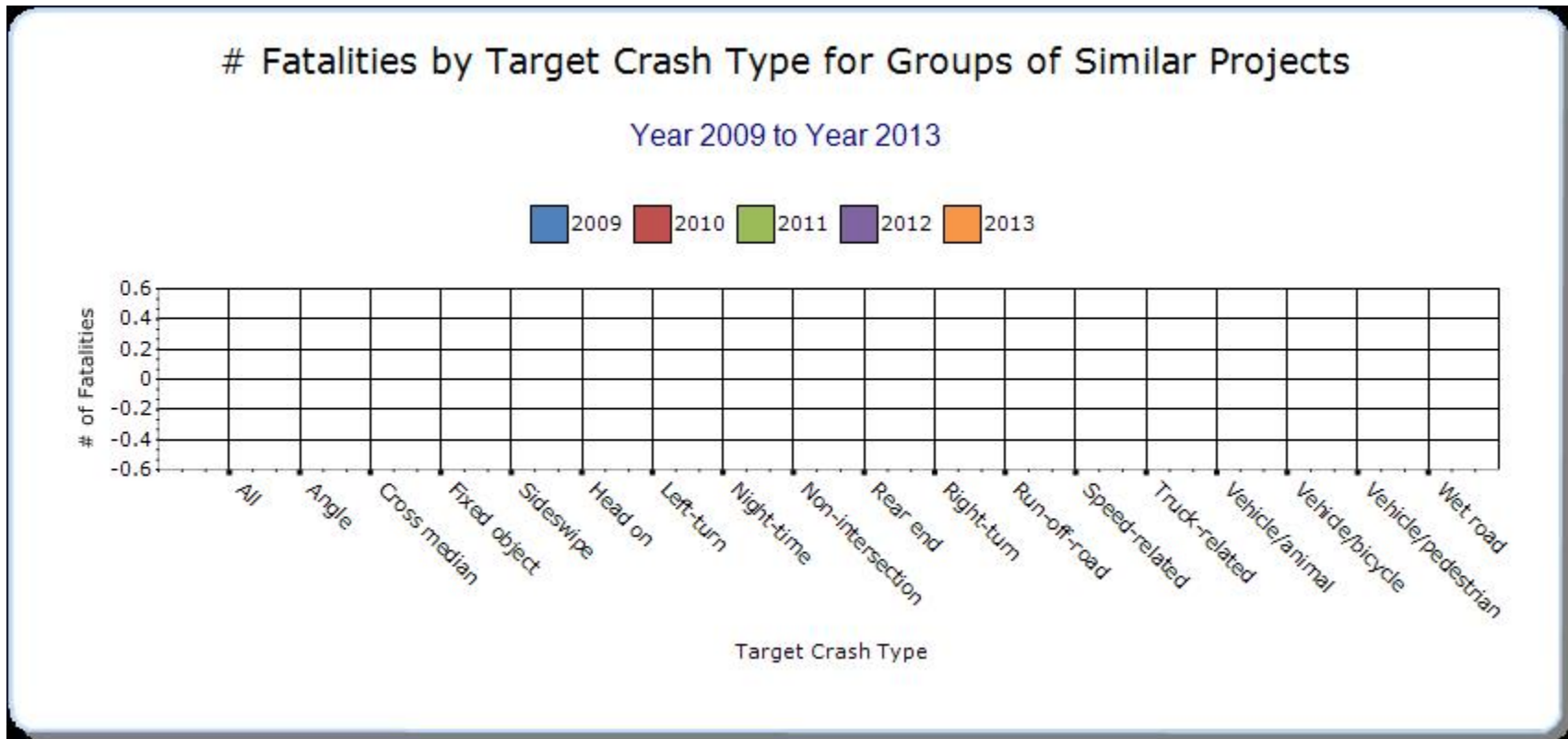
We consider Lane Departure as Head-On and Roadway Departure as Run Off Road.

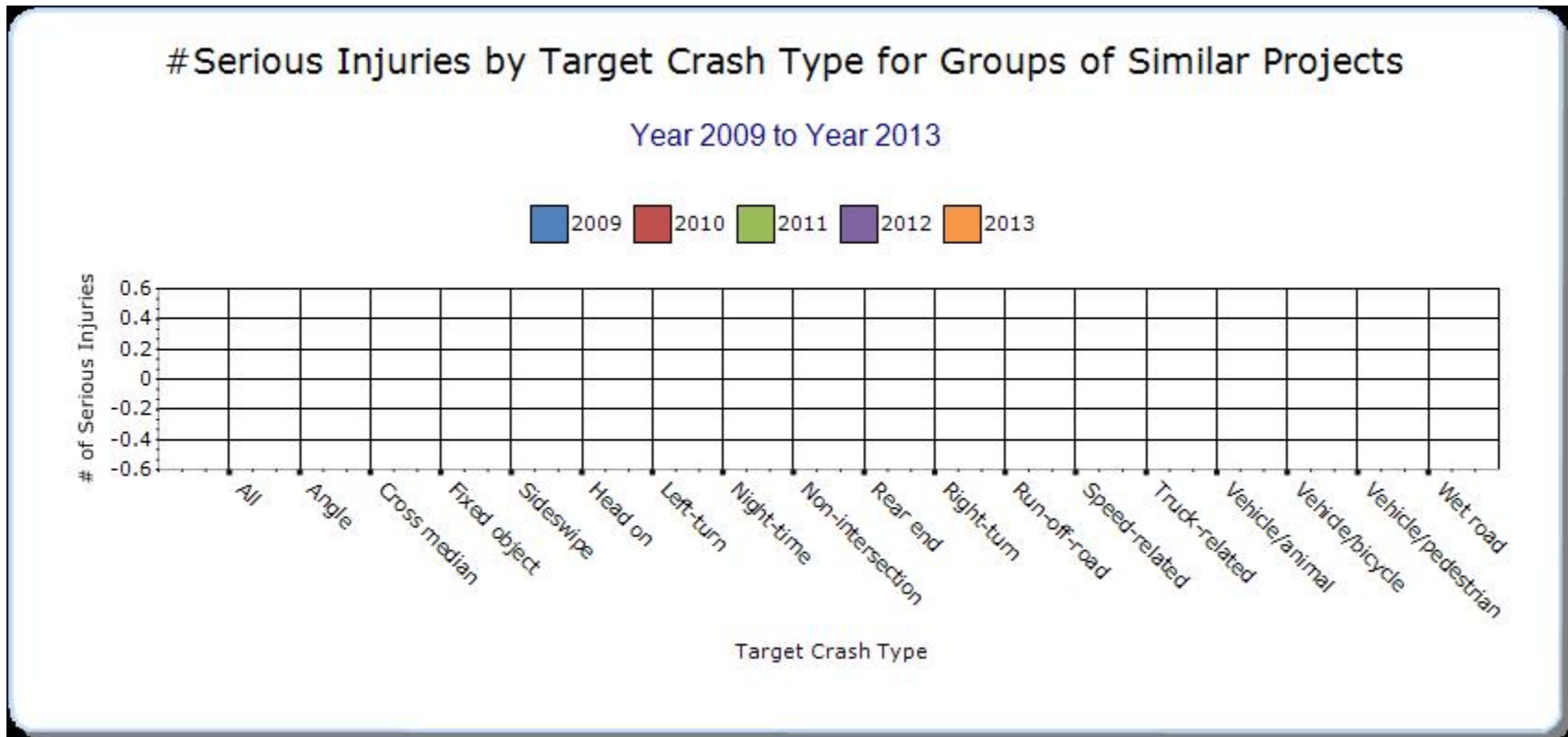
Groups of similar project types

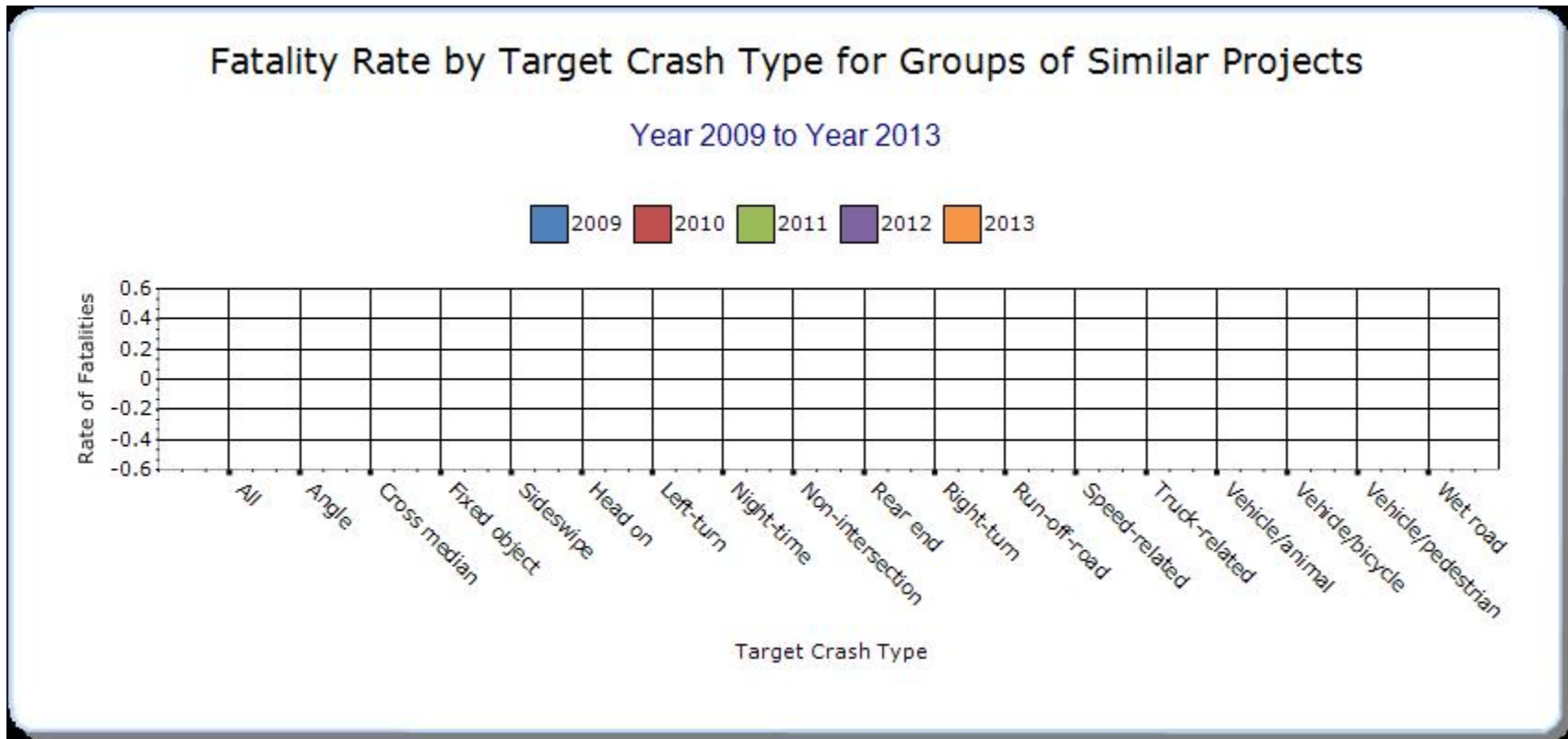
Present the overall effectiveness of groups of similar types of projects.

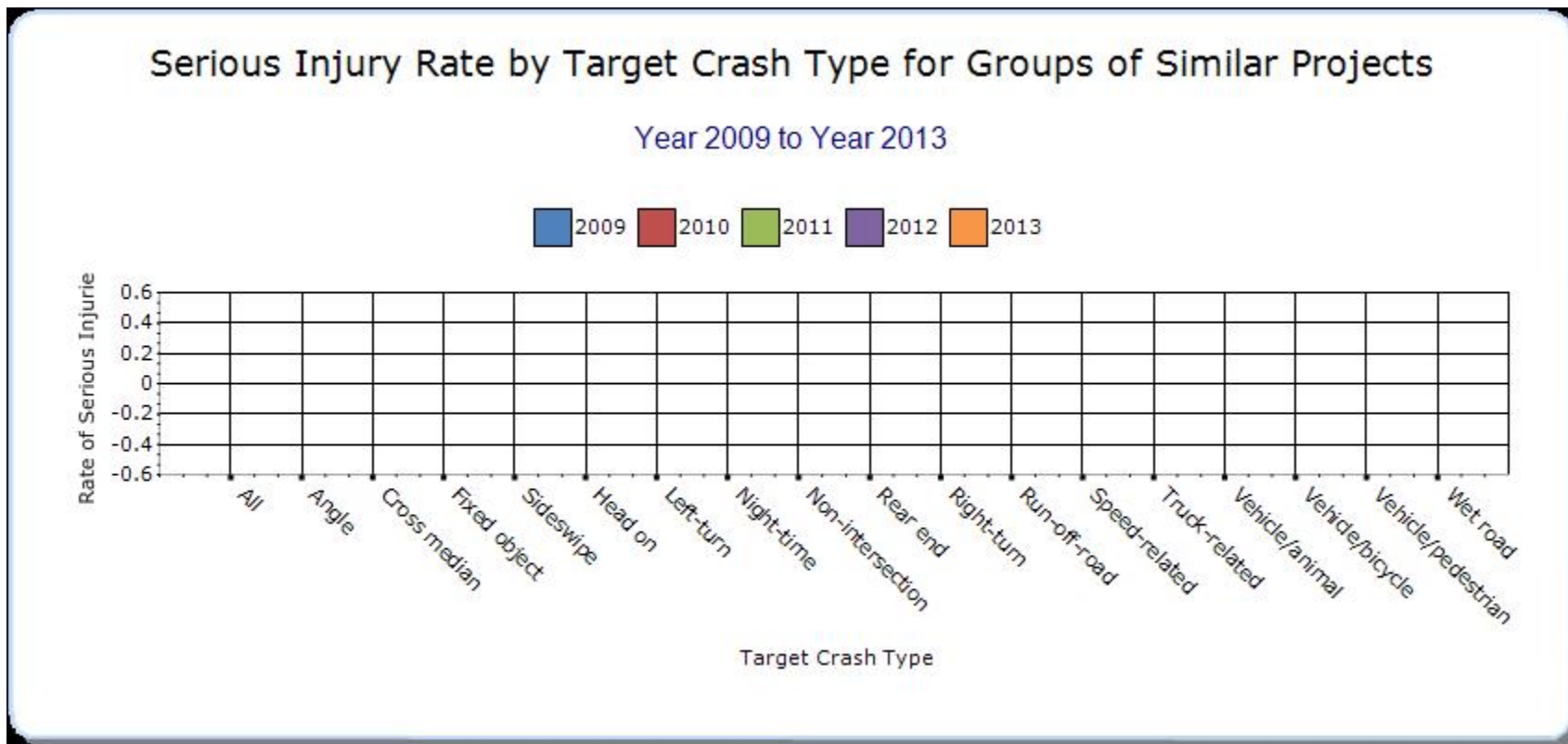
Year - 2013

HSIP Sub-program Types	Target Crash Type	Number of fatalities	Number of serious injuries	Fatality rate (per HMVMT)	Serious injury rate (per HMVMT)	Other-1	Other-2	Other-3
Other-No subprograms under HSIP		0	0	0	0	0	0	0









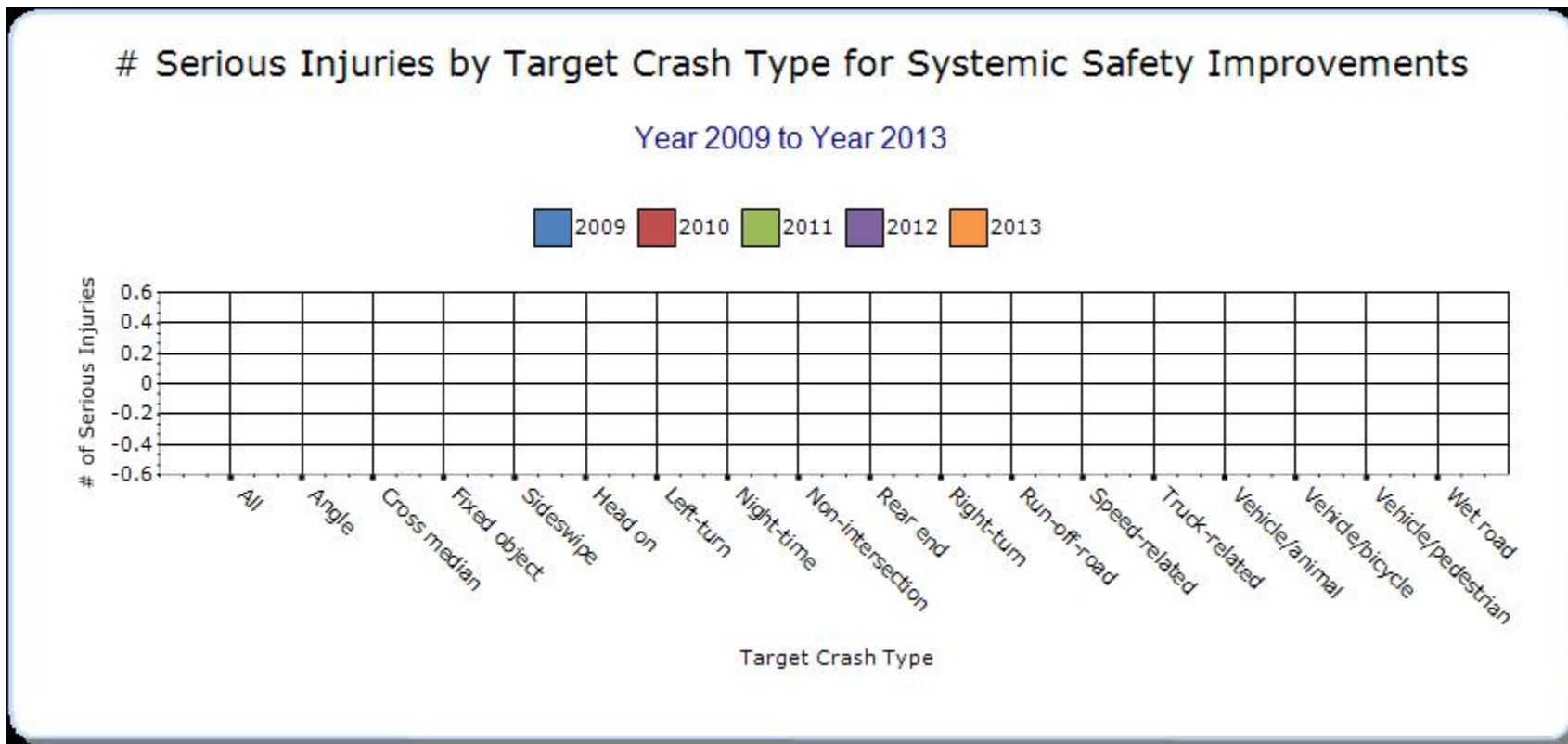
Systemic Treatments

Present the overall effectiveness of systemic treatments.

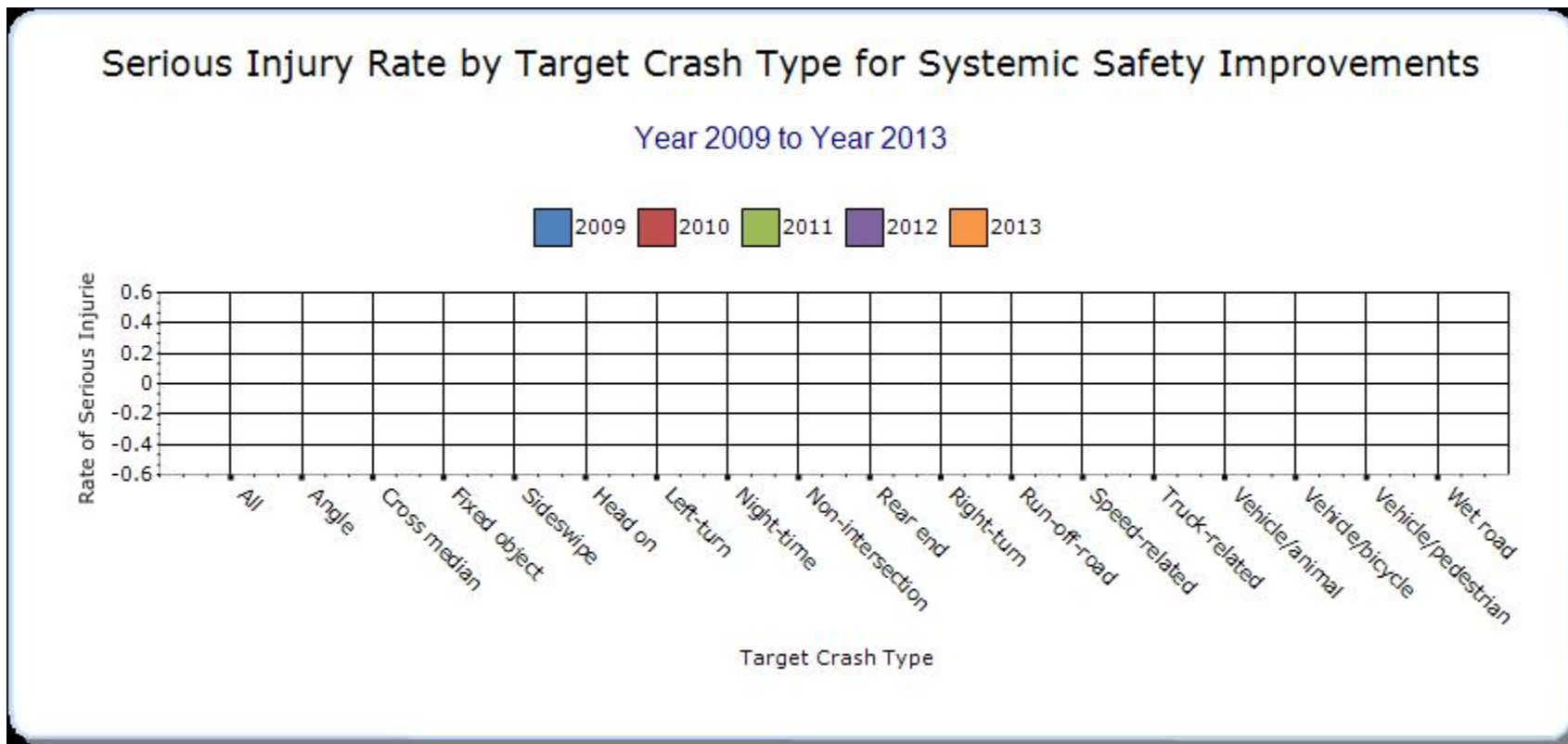
Year - 2013

Systemic improvement	Target Crash Type	Number of fatalities	Number of serious injuries	Fatality rate (per HMVMT)	Serious injury rate (per HMVMT)	Other-1	Other-2	Other-3
Other-No systemic improvements		0	0	0	0	0	0	0









Describe any other aspects of the overall Highway Safety Improvement Program effectiveness on which you would like to elaborate.

We do not have anything on which to elaborate.

Provide project evaluation data for completed projects (optional).

Location	Functional Class	Improvement Category	Improvement Type	Bef-Fatal	Bef-Serious Injury	Bef-Other Injury	Bef-PDO	Bef-Total	Aft-Fatal	Aft-Serious Injury	Aft-Other Injury	Aft-PDO	Aft-Total	Evaluation Results (Benefit/Cost Ratio)
N/A				0	0	0	0	0	0	0	0	0	0	

Optional Attachments

Sections

Files Attached

Glossary

5 year rolling average means the average of five individual, consecutive annual points of data (e.g. annual fatality rate).

Emphasis area means a highway safety priority in a State's SHSP, identified through a data-driven, collaborative process.

Highway safety improvement project means strategies, activities and projects on a public road that are consistent with a State strategic highway safety plan and corrects or improves a hazardous road location or feature or addresses a highway safety problem.

HMVMT means hundred million vehicle miles traveled.

Non-infrastructure projects are projects that do not result in construction. Examples of non-infrastructure projects include road safety audits, transportation safety planning activities, improvements in the collection and analysis of data, education and outreach, and enforcement activities.

Older driver special rule applies if traffic fatalities and serious injuries per capita for drivers and pedestrians over the age of 65 in a State increases during the most recent 2-year period for which data are available, as defined in the Older Driver and Pedestrian Special Rule Interim Guidance dated February 13, 2013.

Performance measure means indicators that enable decision-makers and other stakeholders to monitor changes in system condition and performance against established visions, goals, and objectives.

Programmed funds mean those funds that have been programmed in the Statewide Transportation Improvement Program (STIP) to be expended on highway safety improvement projects.

Roadway Functional Classification means the process by which streets and highways are grouped into classes, or systems, according to the character of service they are intended to provide.

Strategic Highway Safety Plan (SHSP) means a comprehensive, multi-disciplinary plan, based on safety data developed by a State Department of Transportation in accordance with 23 U.S.C. 148.

Systemic safety improvement means an improvement that is widely implemented based on high risk roadway features that are correlated with specific severe crash types.

Transfer means, in accordance with provisions of 23 U.S.C. 126, a State may transfer from an apportionment under section 104(b) not to exceed 50 percent of the amount apportioned for the fiscal year to any other apportionment of the State under that section.