



Highway Safety Improvement Program
Data Driven Decisions

Tennessee
Highway Safety Improvement Program
2016 Annual Report

Prepared by: TN

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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2. Executive Summary

The Tennessee Highway Safety Improvement Program (HSIP) is managed by the Project Safety Office which is located in the Strategic Transportation Investments Division (STID). The Project Safety Office consists of two units. The Safety Data Unit processes crash data and selects HSIP project locations. The Safety Project Unit manages project implementation logistics i.e. sets schedules for funding, meetings, site visits for Road Safety Audit Reviews (RSAR), etc. This report displays the initiation, selection process and evaluation process of infrastructure-related highway safety projects. The Tennessee Highway Safety Improvement Program (HSIP) consists of the following programs:

Road Safety Audit Review Program-- A project identified through TDOT's safety needs investigation process must be qualified using the three (3) most current years of crash data, have a minimum of five (5) or more crashes with one (1) of the crashes involving a fatality or incapacitating injury. The ratio of the severe crash rate to the statewide average severe crash rate must be greater than or equal to 1.0 for a particular type of roadway (ex. rural principal arterial).

Local Roads Safety Initiative (LRSI)-- The Local Road Safety Initiative is for counties with the highest number of fatal and incapacitating injury crashes per mile of local roads from the available data provided by the Tennessee Department of Safety (TDOS) and TDOT. In an effort to target rural counties that have limited access to resources, only counties, or sections of counties, not represented by a MPO are initially considered in this program.

Roadway Departure Action Plan (RDAP)-- The Roadway Departure Safety Plan was developed to implement cost effective countermeasures along roadways to reduce fatal and incapacitating injury crashes. The countermeasures in this action plan include systematic safety improvements at locations with defined crash patterns.

Intersection Action Plan (IAP)-- The Intersection Safety Action Plan was developed to implement cost effective countermeasures at intersections to reduce fatal and incapacitating injury crashes. The countermeasures in this action plan include systematic safety improvements at unsignalized intersections.

High Friction Surface Safety Initiative (HSSI)-- The HSSI takes a systemic approach of implementing lane-departure countermeasures to identified horizontal curves. The horizontal curve and crash data from the Tennessee Roadway Information Management System (TRIMS) provide locations that encountered at least four (4) crashes in horizontal curves. The Highway Safety Manual (HSM) Crash Modification Factors (CMF) for increasing skid resistance indicates a thirty-five percent (35%) decrease for all crash types for rural areas and a fifty-four percent (54%) decrease for all crash types for urban areas.

Ramp Queue Program-- The goal of the Ramp Queue Program is to identify, analyze, and correct conditions where exit ramp storage extends onto the mainline traveled way or entering ramps that cause mainline backups. Queuing on the mainline facility is the primary criteria for nominating a location for inclusion into the Ramp Queue Program. Locations are analyzed to determine that a queue onto the mainline traveled way exists, either by traffic analysis or on-site verification. The Department's Annual Queue Inspection (AQI) takes a proactive approach of finding these potential fatal circumstances by recording annual queuing data at quarter lengths ($\frac{1}{4}$, $\frac{1}{2}$, $\frac{3}{4}$, and full queue). The AQI will provide annual queuing data, validation of completed Ramp Queue Projects and queue trend lines. Crashes may be indicative of a contributor to a queuing problem, and are analyzed a part of the study process. Locations for potential projects for the Ramp Queue Program are selected from recommendations by the Region Traffic offices, other stakeholders or AQI. Typical improvements may include modifications to ramp intersections with the cross streets, ramp widening, signalization, or construction of storage lanes. It is proposed that relatively minor improvements be funded with other programs.

The Project Safety Office manages two other safety programs that are not funded with HSIP funds.

Spot Safety Improvement Program-- Funded via the Federal Surface Transportation Program (STP), the Spot Safety Improvement Program was developed to fund safety projects that do not qualify under the Highway Safety Improvement Program (HSIP). The program is developed by regional traffic engineers (RTE's) in each TDOT region. The RTE recommends projects in areas with fewer than 5,000 in population. The RTE also encourages local governments to report opportunities in their jurisdictions that meet the criteria of the program. The RTE includes local guidelines with every application sent to a local government. The RTE is encouraged to independently submit projects for state route locations in their region that have not been reported by another agency.

Expedited Project Delivery (EPD)-- This program is managed by the Project Coordination and Investigation Office which is located in Strategic Transportation Investments Division. Expedited Project Delivery process is a reevaluation of the scope and design of a project to identify and recommend improvement options that are feasible, cost effective, and provide improved safety and mobility. These projects are older large scale projects that have been backlogged due to priority, funding, or other resource deficiencies. By re-evaluating the project and re-sizing the termini, TDOT can expedite feasible safety countermeasures and move forward with a project. The re-sized projects are qualified using the same criteria as other HSIP program projects (qualification criteria described earlier under Road Safety Audit Review Program).

Low Cost Safety Improvements on Resurfacing Projects-- TDOT utilizes HSIP funds in state funded resurfacing projects to provide low-cost safety improvements, such as guardrail, terminal upgrades, signing enhancements, and rumble stripes. The improvements assist in the areas of lane departures/run-off-the-road crashes and pedestrian and bicycle safety.

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

3. How are Highway Safety Improvement Program funds administered in the State?

Central

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

The Local Road Safety Initiative (LRSI) focuses on counties with the highest number of fatal and incapacitating injury crashes per mile of local roads from the available data provided by the Tennessee Department of Safety (TDOS) and TDOT. A list is generated by the Tennessee Department of Safety (TDOS) ranking counties not wholly located in an MPO based on serious injuries and fatalities per mile of county roads. This ranked list is used to select counties to implement improvements. The LRSI was transferred from the Office of Incident Management to the Project Safety Office in 2014. The Project Safety Office uses consultants to assist in the review of statewide local traffic crash reports, organize electronic crash reports by date, review crash location and roadway classifications and enter the reports into the Tennessee Roadway Information Management System (TRIMS).

The consultant working with the Project Safety Office schedules a pre-brief meeting, site visit, and post meeting after draft report has been reviewed. The team consists of the consultant, TDOT staff from the Project Safety Office & staff from the Region, local officials, and FHWA. During the site visit, proposed safety improvements are discussed with team members in attendance. There is discussion with local officials and their input is taken into consideration. The draft RSA reports are submitted for review on a predetermined date and are distributed to the RSA team. After the draft report has been reviewed, a post meeting is held to discuss revisions to the report and incorporate those changes. Once the revised reports are submitted, they are signed and approved by the Director of the Strategic Transportation Investments Division and distributed.

"No-Plans" packets are developed for all of the LRSI projects & contracts are let to bid as a TDOT construction contract. TDOT's Local Programs Office handles the necessary maintenance agreements with the local government signed and implemented.

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

Design
Planning
Maintenance
Operations
Other-Traffic engineers
Other-Environmental
Other-Construction

Construction

6. Briefly describe coordination with internal partners.

The TDOT Project Safety Office collects and processes crash data, identifies projects and organizes Road Safety Audit Reviews (RSARs) for those projects. The TDOT Environmental Division provides environmental clearance documents. In the event that a project needs to be designed, the TDOT Design Division develops construction plans and provides guidance on No-Plans Contracts. The Design Division is also part of the RSA team that provides ideas and concepts during the site visit. All safety projects are coordinated with each MPO and RPO.

TDOT Traffic engineers, both from the headquarters office and the regional office, participate on RSARs and provide guidance, concepts, ideas and history on projects. They also ensure that the correct representative attends from the local government. The TDOT Regional Construction Divisions provides additional guidance on right of way needs. The TDOT Maintenance Division maintains safety projects after completion.

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

Metropolitan Planning Organizations
Local Government Association
Other-TN Dept of Safety
Other-Rural Planning Organizations

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

Other-None

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

Tennessee has several noteworthy practices:

1. The **Road Safety Audit** report is written with enough detail that the report itself is used as the construction plans when the project is bid out for contract. These are called “no plans contracts”.
2. Several safety projects are bundled together and let as one safety project. This allows TDOT to award several projects for construction at one time and receive better bid prices on the safety projects.
3. The Project Safety Office and the Environmental Division developed a Memorandum of Understanding to expedite environmental clearance on safety projects.
4. The **Local Roads Safety Initiative** targets safety projects on local roads in rural counties that have limited access to resources, only counties, or sections of counties, not represented by a MPO. The entire project, from road safety audit review to construction, is completed by TDOT.
5. Since 2008, HSIP funds have been used on safety improvements for resurfacing projects. Safety improvements include rumble strips/stripes, guardrail, shoulder widening, and the use of the Safety Edge.
6. In order to identify crash data on local roads, TDOT updated the **Tennessee Roadway Identification Management System (TRIMS)** to include local roadway data elements. This project was completed in April 2012.
7. The Tennessee Department of Safety and Homeland Security and the Tennessee Department of Transportation opened the first of its kind training facility in October 2014. The **Tennessee Traffic Incident Management (TIM) Training Facility** will be used to teach best practices for safe, quick clearance of major highway incidents.
8. In June 2013, the **Protect the Queue** campaign was started. This campaign stresses to all TDOT employees and partnering agencies the importance of protecting drivers caught in a traffic queue. A training program on the most effective queue management techniques was launched. Since the campaign started, from July 2013 to December 2013 showed a 19% reduction in secondary incidents over the same period in 2012. This equates into 20 fewer secondary incidents, and could possibly represent up to four (4) lives saved. TDOT’s 12 districts dispatch specially equipped “Protect the Queue” (PTQ) trucks when advised of non-recurring traffic queues caused by construction, maintenance, special events, or roadway incidents.

Program Methodology

10. Select the programs that are administered under HSIP.

Intersection	Crash Data	Roadway Departure
Local Safety	Other-Ramp Queue	Other-High-friction Surface Safety Initiative

11. Program: Intersection

Date of Program Methodology: 5/1/2011

What data types were used in the program methodology?

<i>Crashes</i>	<i>Exposure</i>	<i>Roadway</i>
All crashes	Traffic	Functional classification
	Volume	

What project identification methodology was used for this program?

Crash frequency
 Equivalent property damage only (EPDO Crash frequency)
 Relative severity index
 Crash rate
 Critical rate

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

No

How are highway safety improvement projects advanced for implementation?

Other-The projects are developed for all locations that meet the criteria for the IAP.

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).

Rank of Priority Consideration

Available funding	1
Ranking based on severity.	2

11. Program: Crash Data

Date of Program Methodology: 1/1/2010

What data types were used in the program methodology?

<i>Crashes</i>	<i>Exposure</i>	<i>Roadway</i>
All crashes		Functional classification

What project identification methodology was used for this program?

Crash frequency
Relative severity index
Crash rate
Critical rate

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

Yes

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

Yes

How are highway safety improvement projects advanced for implementation?

Other-This program helps to improve the quality and accuracy of the crash data for TRIMS and TITAN

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).

Rank of Priority Consideration

Available funding	1
Ranking based on severity	2

11. Program: Roadway Departure

Date of Program Methodology: 5/1/2010

What data types were used in the program methodology?

<i>Crashes</i>	<i>Exposure</i>	<i>Roadway</i>
All crashes		

What project identification methodology was used for this program?

Crash frequency

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

Yes

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

Yes

How are highway safety improvement projects advanced for implementation?

Other-The projects are developed for all locations that meet the criteria for the RDAP program.

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).

Rank of Priority Consideration

Available funding	1
Ranking based on severity	2

11. Program: Local Safety

Date of Program Methodology: 2/28/2010

What data types were used in the program methodology?

<i>Crashes</i>	<i>Exposure</i>	<i>Roadway</i>
Fatal and serious injury crashes only		Functional classification

What project identification methodology was used for this program?

Crash frequency
 Relative severity index
 Crash rate
 Critical rate

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

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

How are highway safety improvement projects advanced for implementation?

Other-The projects are developed for all locations that meet the criteria for the LRSI program.

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).

Rank of Priority Consideration

Available funding	1
Based on severity	2

11. Program: Other-Ramp Queue

Date of Program Methodology: 11/1/2008

What data types were used in the program methodology?

<i>Crashes</i>	<i>Exposure</i>	<i>Roadway</i>
All crashes		Other-The intent of this program is to identify locations where the queue extends onto the mainline.

What project identification methodology was used for this program?

Level of service of safety (LOSS)

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

No

How are highway safety improvement projects advanced for implementation?

Other-As projects are identified.
 Other-Projects are identified by TDOT Regional Traffic Engineers.

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).

Rank of Priority Consideration

Available funding	1
Ramp queue projects are initiated when it is verified by the Regional Traffic Engineer the ramp queue backs up onto the mainline on the interstate.	2

11. Program: Other-High-friction Surface Safety Initiative

Date of Program Methodology: 5/14/2013

What data types were used in the program methodology?

<i>Crashes</i>	<i>Exposure</i>	<i>Roadway</i>
Other-Lane Departure		Horizontal curvature

What project identification methodology was used for this program?

Crash frequency

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

No

How are highway safety improvement projects advanced for implementation?

Other-The projects are developed for all locations that meet the criteria for the HSSI program.

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).

Available funding	1
Number of Crashes	2

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

25%

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

Install/Improve Signing
Install/Improve Pavement Marking and/or
Delineation

13. What process is used to identify potential countermeasures?

Other-Road Safety audit Review

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

Highway Safety Manual

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

The Strategic Transportation Investments Division signed a 2 year contract with the a research team comprised of members from the University of Tennessee Knoxville and Tennessee State University for the purpose of implementing the Highway Safety Manual (HSM). Phase 1 includes the following tasks:

- 1 - Review literature and current practices for generating calibration factors and safety performance functions.
- 2 - Identify facility types for which the predictive models are to be calibrated.
- 3 - Select sites for calibration of the predictive models for each facility type.
- 4 - Gather/collect traffic + road inventory + crash data for study sites.
- 5 - Apply predictive models to facility types
- 6 - Compute calibration factors for the models.
- 7 - Review and begin installing/updating/and demonstrating software for TDOT to generate calibration factors from E-TRIMS (TDOT's Roadway Inventory Data System)and train personnel on software use.
- 8 - Final report, deliverables, and technology transfer.

Progress in Implementing Projects

Funds Programmed

16. Reporting period for Highway Safety Improvement Program funding.

State Fiscal Year

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

Funding Category	Programmed*		Obligated	
	Amount	Percentage	Amount	Percentage
HSIP (Section 148)	\$57,093,937.00	75 %	\$34,013,389.00	69 %
HRRRP (SAFETEA-LU)	\$1,121,643.00	1 %	\$478,800.00	1 %
Penalty Transfer - Section 154	\$10,130,379.00	13 %	\$7,355,594.00	15 %
Penalty Transfer – Section 164	\$20,545.00	0 %	\$0.00	0 %
Other Federal-aid Funds (i.e. STP, NHPP)	\$1,151,376.00	2 %	\$1,151,376.00	2 %
State and Local Funds	\$6,221,600.00	8 %	\$6,221,600.00	13 %

Totals	\$75,739,480.00	100%	\$49,220,759.00	100%
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18. How much funding is programmed to local (non-state owned and operated) safety projects?

\$14,800,048.00

How much funding is obligated to local safety projects?

\$14,800,048.00

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

\$0.00

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

\$0.00

20. 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

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

None

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

The Strategic Transportation Investments Division (STID) has several activities in process in the effort to implement the Highway Safety Manual (HSM)

1) TDOT hired a consultant to review completed safety projects and compare the 3 year crash data history at the project location to the 3 year crash data after the safety project was completed. This is part of the overall effort to implement the Highway Safety Manual.

2) A research project is underway with the University of Tennessee - Knoxville and Tennessee State University to:

- a. Review current practices for generating Safety Performance Functions (SPF's).
- b. Create calibration SPF's to match local conditions.
- c. Determine methods for developing specific SPF's for Tennessee.

3) TDOT and the Tennessee Division of FHWA attended two Highway Safety Manual Peer Exchanges to discuss the following topics:

- a. Data-Driven Safety Analysis in the project development process
- b. Safety analysis in project planning and scoping
- c. Safety analysis in the environmental process
- d. Safety analysis in design
- e. Safety analysis in traffic operations
- f. DDSA (Data Driven Safety Analysis) implementation.

General Listing of Projects

23. List the projects obligated using HSIP funds for 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
HRRR/HS IP-1(294)	Roadway Roadway - restripe to revise separation between opposing lanes and/or shoulder widths	3.2 Miles	- 9862.74	- 10958.6	HSIP (Section 148)	Multi-Location	0	0	Multi-Location	Roadway Department	Infrastructure Improvements
HRRR/HS IP-10(49)	Roadway Roadway - restripe to revise separation between opposing lanes and/or shoulder widths	5.72 Miles	-3915.8	-4415.8	HSIP (Section 148)	Multi-Location	0	0	Multi-Location	Roadway Department	Infrastructure Improvements
HRRR/HS IP-107(17)	Roadway Roadway - restripe to revise separation between opposing lanes and/or shoulder widths	3.21 Miles	-735.88	-367	HSIP (Section 148)	Rural Major Collector	2540	55	State Highway Agency	Roadway Department	Infrastructure Improvements
HRRR/HS IP-136(14)	Roadway Roadway - restripe to revise separation between opposing lanes and/or shoulder widths	11.44 Miles	-22500	-25000	HSIP (Section 148)	Multi-Location	0	0	Multi-Location	Roadway Department	Infrastructure Improvements
HRRR/HS IP-152(17)	Roadway Roadway - restripe to revise separation between	6.86 Miles	- 103275.63	- 114751.48	HSIP (Section 148)	Multi-Location	0	0	Multi-Location	Roadway Department	Infrastructure Improvements

	opposing lanes and/or shoulder widths										ents
HRRR/HS IP-1802(10)	Roadway Roadway - restripe to revise separation between opposing lanes and/or shoulder widths	7.98 Miles	- 3434.55	- 3816.17	HSIP (Section 148)	Multi-Location	0	0	Multi-Location	Roadway Department	Infrastructure Improvements
HRRR/HS IP-230(13)	Roadway Roadway - restripe to revise separation between opposing lanes and/or shoulder widths	9.72 Miles	10199.08	10180.87	HSIP (Section 148)	Rural Major Collector	420	55	State Highway Agency	Roadway Department	Infrastructure Improvements
HRRR/HS IP-2491(10)	Roadway Roadway - restripe to revise separation between opposing lanes and/or shoulder widths	5.66 Miles	- 8182.79	- 9091.99	HSIP (Section 148)	Multi-Location	0	0	Multi-Location	Roadway Department	Infrastructure Improvements
HRRR/HS IP-2552(10)	Roadway Roadway - restripe to revise separation between opposing lanes and/or shoulder widths	18.22 Miles	- 6255.96	- 6255.96	HSIP (Section 148)	Multi-Location	0	0	Multi-Location	Roadway Department	Infrastructure Improvements
HRRR/HS IP-297(6)	Roadway Roadway - restripe to revise separation between opposing lanes and/or shoulder widths	14.64 Miles	- 22382.72	- 22382.72	HSIP (Section 148)	Multi-Location	0	0	Multi-Location	Roadway Department	Infrastructure Improvements
HRRR/HS IP-297(7)	Roadway Roadway - restripe to revise separation between opposing lanes and/or shoulder widths	14.62 Miles	- 16500.16	- 16500.16	HSIP (Section 148)	Multi-Location	0	0	Multi-Location	Roadway Department	Infrastructure Improvements
HRRR/HS	Roadway Roadway -	16.42	-	-	HSIP	Multi-	0	0	Multi-	Roadway	Infrastructure

IP-328(2)	restripe to revise separation between opposing lanes and/or shoulder widths	Miles	24019.57	26688.41	(Section 148)	Location			Location	Departure	ure Improvements
HRRR/HS IP-353(10)	Roadway Roadway - restripe to revise separation between opposing lanes and/or shoulder widths	9.74 Miles	106200	118000	HSIP (Section 148)	Multi-Location	0	0	Multi-Location	Roadway Departure	Infrastructure Improvements
HRRR/HS IP-384(12)	Intersection geometry Intersection geometrics - miscellaneous/other/unspecified	0.02 Miles	-2522.13	-2802.37	HSIP (Section 148)	Multi-Location	0	0	Multi-Location	Intersections	Infrastructure Improvements
HRRR/HS IP-4300(28)	Roadway Roadway - restripe to revise separation between opposing lanes and/or shoulder widths	3.5 Miles	-6886.34	-7651.49	HSIP (Section 148)	Multi-Location	0	0	Multi-Location	Roadway Departure	Infrastructure Improvements
HRRR/HS IP-4500(27)	Roadway Roadway - restripe to revise separation between opposing lanes and/or shoulder widths	59.1 Miles	-27380.16	-27390.34	HSIP (Section 148)	Multi-Location	0	0	Multi-Location	Roadway Departure	Infrastructure Improvements
HRRR/HS IP-46(20)	Roadway Roadway - restripe to revise separation between opposing lanes and/or shoulder widths	8.86 Miles	-1799.33	-1999.26	HSIP (Section 148)	Multi-Location	0	0	Multi-Location	Roadway Departure	Infrastructure Improvements
HRRR/HS IP-74(10)	Roadway Roadway - restripe to revise separation between opposing lanes and/or shoulder widths	3.48 Miles	27000	27000	HSIP (Section 148)	Rural Major Collector	1510	55	State Highway Agency	Roadway Departure	Infrastructure Improvements

HRRR/HS IP-8200(28)	Roadway Roadway - restripe to revise separation between opposing lanes and/or shoulder widths	5.972 Miles	- 10827.58	- 12030.65	HSIP (Section 148)	Multi-Location	0	0	Multi-Location	Roadway Department	Infrastructure Improvements
HRRR/HS IP-90(4)	Roadway Roadway - restripe to revise separation between opposing lanes and/or shoulder widths	8.72 Miles	- 5095.33	- 5661.48	HSIP (Section 148)	Multi-Location	0	0	Multi-Location	Roadway Department	Infrastructure Improvements
HRRR/HS IP-947(2)	Roadway Roadway - restripe to revise separation between opposing lanes and/or shoulder widths	3.22 Miles	16000	16000	HSIP (Section 148)	Urban Minor Collector	1920	55	County Highway Agency	Roadway Department	Infrastructure Improvements
HRRR-101(18)	Roadway Roadway - restripe to revise separation between opposing lanes and/or shoulder widths	5.75 Miles	639	134.61	HRRRP (SAFET EA-LU)	Urban Minor Arterial	2490	50	State Highway Agency	Roadway Department	Infrastructure Improvements
HRRR-1094(10)	Roadway Roadway - restripe to revise separation between opposing lanes and/or shoulder widths	4.31 Miles	- 13420.73	- 6364.27	HRRRP (SAFET EA-LU)	Urban Minor Collector	2430	45	City of Municipal Highway Agency	Roadway Department	Infrastructure Improvements
HRRR-1114(10)	Roadway Roadway - restripe to revise separation between opposing lanes and/or shoulder widths	8.35 Miles	- 3533.55	- 4005.65	HRRRP (SAFET EA-LU)	Urban Minor Collector	660	45	County Highway Agency	Roadway Department	Infrastructure Improvements
HRRR-1199(2)	Roadway Roadway - restripe to revise separation between	3.46 Miles	- 4244.93	- 4660.44	HRRRP (SAFET EA-LU)	Rural Minor Collector	1470	45	County Highway Agency	Roadway Department	Infrastructure Improvements

	opposing lanes and/or shoulder widths										ents
HRRR-1199(3)	Roadway Roadway - restripe to revise separation between opposing lanes and/or shoulder widths	0.12 Miles	- 11807.09	- 12347.72	HRRRP (SAFET EA-LU)	Rural Minor Collector	700	45	County Highway Agency	Roadway Departur e	Infrastruct ure Improvem ents
HRRR-1231(2)	Roadway Roadway - restripe to revise separation between opposing lanes and/or shoulder widths	8.6 Miles	8406.22	7590.35	HRRRP (SAFET EA-LU)	Rural Major Collector	910	0	County Highway Agency	Roadway Departur e	Infrastruct ure Improvem ents
HRRR-130(19)	Roadway Roadway - restripe to revise separation between opposing lanes and/or shoulder widths	4.88 Miles	- 19003.84	- 21115.34	HRRRP (SAFET EA-LU)	Rural Major Collector	2470	45	State Highway Agency	Roadway Departur e	Infrastruct ure Improvem ents
HRRR-134(5)	Roadway Roadway - restripe to revise separation between opposing lanes and/or shoulder widths	3.52 Miles	- 1116.98	- 1427.77	HRRRP (SAFET EA-LU)	Rural Major Collector	920	55	State Highway Agency	Roadway Departur e	Infrastruct ure Improvem ents
HRRR-135(15)	Roadway Roadway - restripe to revise separation between opposing lanes and/or shoulder widths	0.01 Miles	76500	85000	HRRRP (SAFET EA-LU)	Rural Major Collector	4540	55	State Highway Agency	Roadway Departur e	Infrastruct ure Improvem ents
HRRR-1355(10)	Roadway Roadway - restripe to revise separation between opposing lanes and/or shoulder widths	8.51 Miles	-18000	-20000	HRRRP (SAFET EA-LU)	Rural Minor Collector	710	40	County Highway Agency	Roadway Departur e	Infrastruct ure Improvem ents
HRRR-	Roadway Roadway -	20.07	-	-	HRRRP	Rural	290	0	County	Roadway	Infrastruct

1407(10)	restripe to revise separation between opposing lanes and/or shoulder widths	Miles	28552.92	29279.44	(SAFET EA-LU)	Minor Collector			Highway Agency	Departur e	ure Improvem ents
HRRR-141(24)	Roadway Roadway - restripe to revise separation between opposing lanes and/or shoulder widths	0.6 Miles	-9824.16	-10457.58	HRRRP (SAFET EA-LU)	Rural Major Collector	580	45	State Highway Agency	Roadway Departur e	Infrastruct ure Improvem ents
HRRR-150(5)	Roadway Roadway - restripe to revise separation between opposing lanes and/or shoulder widths	2.98 Miles	5636.29	5537.85	HRRRP (SAFET EA-LU)	Rural Major Collector	2810	55	State Highway Agency	Roadway Departur e	Infrastruct ure Improvem ents
HRRR-165(8)	Roadway Roadway - restripe to revise separation between opposing lanes and/or shoulder widths	9.51 Miles	-3645.25	-3645.25	HRRRP (SAFET EA-LU)	Rural Major Collector	350	40	State Highway Agency	Roadway Departur e	Infrastruct ure Improvem ents
HRRR-2128(1)	Roadway Roadway - restripe to revise separation between opposing lanes and/or shoulder widths	3.9 Miles	-15693.8	-15693.8	HRRRP (SAFET EA-LU)	Rural Minor Collector	580	30	County Highway Agency	Roadway Departur e	Infrastruct ure Improvem ents
HRRR-2226(10)	Roadway Roadway - restripe to revise separation between opposing lanes and/or shoulder widths	0.94 Miles	-14278.42	-15153.4	HRRRP (SAFET EA-LU)	Rural Minor Collector	1430	45	County Highway Agency	Roadway Departur e	Infrastruct ure Improvem ents
HRRR-24(45)	Roadway Roadway - restripe to revise separation between opposing lanes and/or	1.1 Miles	-12573.62	-13074.72	HRRRP (SAFET EA-LU)	Rural Major Collector	4300	55	State Highway Agency	Roadway Departur e	Infrastruct ure Improvem ents

	shoulder widths										
HRRR-24(46)	Roadway Roadway - restripe to revise separation between opposing lanes and/or shoulder widths	0.01 Miles	- 6422.06	- 6919.95	HRRRP (SAFET EA-LU)	Rural Major Collector	3080	55	State Highway Agency	Roadway Departur e	Infrastruct ure Improvem ents
HRRR-3200(14)	Roadway Roadway - restripe to revise separation between opposing lanes and/or shoulder widths	3.64 Miles	- 50536.33	- 51427.54	HRRRP (SAFET EA-LU)	Multi-Location	0	0	Multi-Location	Roadway Departur e	Infrastruct ure Improvem ents
HRRR-6600(23)	Roadway Roadway - restripe to revise separation between opposing lanes and/or shoulder widths	29.5 Miles	223000	223000	HRRRP (SAFET EA-LU)	Multi-Location	0	0	Multi-Location	Roadway Departur e	Infrastruct ure Improvem ents
HRRR-8(45)	Roadway Roadway - restripe to revise separation between opposing lanes and/or shoulder widths	5.47 Miles	4153.57	4615.07	HRRRP (SAFET EA-LU)	Rural Major Collector	2430	45	State Highway Agency	Roadway Departur e	Infrastruct ure Improvem ents
HSIP/HR RR-46(22)	Roadway Roadway - restripe to revise separation between opposing lanes and/or shoulder widths	0.01 Miles	196200	218000	HSIP (Sectio n 148)	Rural Major Collector	2180	45	State Highway Agency	Roadway Departur e	Infrastruct ure Improvem ents
HSIP/PHS IP-128(26)	Roadway Roadway - restripe to revise separation between opposing lanes and/or shoulder widths	4.72 Miles	-15000	-15000	HSIP (Sectio n 148)	Multi-Location	0	0	Multi-Location	Roadway Departur e	Infrastruct ure Improvem ents
HSIP/PHS IP-	Roadway Roadway - restripe to revise	36.72 Miles	361000	361000	HSIP (Sectio	Multi-Location	0	0	Multi-Location	Roadway Departur e	Infrastruct ure

2500(27)	separation between opposing lanes and/or shoulder widths				n 148)					e	Improvements
HSIP/PHS IP-4600(25)	Roadway Roadway - restripe to revise separation between opposing lanes and/or shoulder widths	17 Miles	368000	368000	HSIP (Section 148)	Multi-Location	0	0	Multi-Location	Roadway Department	Infrastructure Improvements
HSIP/PHS IP-56(76)	Roadway Roadway - restripe to revise separation between opposing lanes and/or shoulder widths	15.92 Miles	-317338.16	-352597.95	HSIP (Section 148)	Multi-Location	0	0	Multi-Location	Roadway Department	Infrastructure Improvements
HSIP/PHS IP-6(100)	Roadway Roadway - restripe to revise separation between opposing lanes and/or shoulder widths	0.34 Miles	-25000	-25000	HSIP (Section 148)	Multi-Location	0	0	Multi-Location	Roadway Department	Infrastructure Improvements
HSIP/PHS IP-6(99)	Intersection geometry Intersection geometrics - miscellaneous/other/unspecified	0.002 Miles	-25000	-25000	HSIP (Section 148)	Multi-Location	0	0	Multi-Location	Intersections	Infrastructure Improvements
HSIP/PHS IP-6700(32)	Roadway Roadway - restripe to revise separation between opposing lanes and/or shoulder widths	31.23 Miles	346000	346000	HSIP (Section 148)	Multi-Location	0	0	Multi-Location	Roadway Department	Infrastructure Improvements
HSIP/PHS IP-6900(7)	Roadway Roadway - restripe to revise separation between opposing lanes and/or shoulder widths	19.02 Miles	330000	330000	HSIP (Section 148)	Multi-Location	0	0	Multi-Location	Roadway Department	Infrastructure Improvements
HSIP/STP	Intersection geometry	0.02	138240	153600	HSIP	Urban	4982	55	State	Intersecti	Infrastructure

-H-115(47)	Intersection geometrics - miscellaneous/other/uns pecified	Miles	0	0	(Sectio n 148)	Principal Arterial - Other	0		Highway Agency	ons	ure Improvem ents
HSIP/STP -H-NH-99(43)	Intersection geometry Intersection geometrics - miscellaneous/other/uns pecified	0.2 Miles	507778	564198	HSIP (Sectio n 148)	Urban Principal Arterial - Other	13130	55	State Highway Agency	Intersecti ons	Infrastruct ure Improvem ents
HSIP/STP -SIP-76(83)	Roadway Roadway - restripe to revise separation between opposing lanes and/or shoulder widths	10.34 Miles	1250.76	1250.76	HSIP (Sectio n 148)	Urban Major Collector	1900	35	State Highway Agency	Roadway Departur e	Infrastruct ure Improvem ents
HSIP-1(269)	Intersection geometry Intersection geometrics - miscellaneous/other/uns pecified	0.01 Miles	- 92209.54	- 102455.05	HSIP (Sectio n 148)	Urban Principal Arterial - Other	18460	45	State Highway Agency	Intersecti ons	Infrastruct ure Improvem ents
HSIP-1(299)	Roadway Roadway - restripe to revise separation between opposing lanes and/or shoulder widths	3.65 Miles	- 15413.26	- 15413.26	HSIP (Sectio n 148)	Rural Principal Arterial - Other	6000	65	State Highway Agency	Roadway Departur e	Infrastruct ure Improvem ents
HSIP-1(300)	Roadway Roadway - restripe to revise separation between opposing lanes and/or shoulder widths	9.2 Miles	- 21078.62	- 21078.62	HSIP (Sectio n 148)	Urban Principal Arterial - Other	6640	45	State Highway Agency	Roadway Departur e	Infrastruct ure Improvem ents
HSIP-1(310)	Roadway Roadway - restripe to revise separation between opposing lanes and/or shoulder widths	3.59 Miles	- 10540.93	- 10540.93	HSIP (Sectio n 148)	Rural Minor Arterial	5510	55	State Highway Agency	Roadway Departur e	Infrastruct ure Improvem ents
HSIP-1(345)	Roadway Roadway - restripe to revise	0.2 Miles	-9000	- 8698.67	HSIP (Sectio	Urban Principal	41520	55	State Highway	Roadway Departur	Infrastruct ure

	separation between opposing lanes and/or shoulder widths				n 148)	Arterial - Other			Agency	e	Improvements
HSIP-1(349)	Intersection geometry Intersection geometrics - miscellaneous/other/uns pecified	0.03 Miles	- 30450.86	- 33834.29	HSIP (Section 148)	Rural Minor Arterial	6550	55	State Highway Agency	Intersections	Infrastructure Improvements
HSIP-1(351)	Intersection geometry Intersection geometrics - miscellaneous/other/uns pecified	1.3 Miles	18000	20000	HSIP (Section 148)	Urban Principal Arterial - Other	19790	55	State Highway Agency	Intersections	Infrastructure Improvements
HSIP-1(354)	Roadway Roadway - restripe to revise separation between opposing lanes and/or shoulder widths	0.19 Miles	36000	40000	HSIP (Section 148)	Urban Principal Arterial - Other	12750	45	State Highway Agency	Roadway Departure	Infrastructure Improvements
HSIP-10(46)	Intersection geometry Intersection geometrics - miscellaneous/other/uns pecified	0 Miles	- 12680.48	- 14089.31	HSIP (Section 148)	Rural Major Collector	5340	35	State Highway Agency	Intersections	Infrastructure Improvements
HSIP-10(56)	Roadway Roadway - restripe to revise separation between opposing lanes and/or shoulder widths	1.48 Miles	9000	10000	HSIP (Section 148)	Urban Principal Arterial - Other	28700	45	State Highway Agency	Roadway Departure	Infrastructure Improvements
HSIP-100(59)	Roadway Roadway - restripe to revise separation between opposing lanes and/or shoulder widths	2.47 Miles	38977.75	38977.75	HSIP (Section 148)	Urban Minor Arterial	2940	55	State Highway Agency	Roadway Departure	Infrastructure Improvements
HSIP-100(66)	Roadway Roadway - restripe to revise separation between	5.45 Miles	6400.5	6400.5	HSIP (Section 148)	Rural Minor Arterial	13010	45	State Highway Agency	Roadway Departure	Infrastructure Improvements

	opposing lanes and/or shoulder widths										ents
HSIP-100(67)	Roadway Roadway - restripe to revise separation between opposing lanes and/or shoulder widths	3 Miles	9260.89	9260.89	HSIP (Section 148)	Urban Minor Arterial	10400	55	State Highway Agency	Roadway Department	Infrastructure Improvements
HSIP-100(71)	Roadway Roadway - restripe to revise separation between opposing lanes and/or shoulder widths	7.8 Miles	-1294.1	-1294.1	HSIP (Section 148)	Rural Minor Arterial	430	55	State Highway Agency	Roadway Department	Infrastructure Improvements
HSIP-100(72)	Roadway Roadway - restripe to revise separation between opposing lanes and/or shoulder widths	6.05 Miles	-35785.57	-39762.19	HSIP (Section 148)	Urban Minor Arterial	9640	45	State Highway Agency	Roadway Department	Infrastructure Improvements
HSIP-100(73)	Roadway Roadway - restripe to revise separation between opposing lanes and/or shoulder widths	2.11 Miles	17658.25	17658.25	HSIP (Section 148)	Urban Principal Arterial - Other	14540	45	State Highway Agency	Roadway Department	Infrastructure Improvements
HSIP-101(20)	Roadway Roadway - restripe to revise separation between opposing lanes and/or shoulder widths	4.54 Miles	-8919.12	-8919.12	HSIP (Section 148)	Rural Major Collector	1410	55	State Highway Agency	Roadway Department	Infrastructure Improvements
HSIP-101(24)	Roadway Roadway - restripe to revise separation between opposing lanes and/or shoulder widths	4.91 Miles	25000	25000	HSIP (Section 148)	Rural Major Collector	1410	55	State Highway Agency	Roadway Department	Infrastructure Improvements
HSIP-	Roadway Roadway -	3.58	4500	5000	HSIP	Urban	4220	40	City of	Roadway	Infrastructure

1055(10)	restripe to revise separation between opposing lanes and/or shoulder widths	Miles			(Section 148)	Major Collector			Municipal Highway Agency	Departure	Infrastructure Improvements
HSIP-106(29)	Intersection geometry Intersection geometrics - miscellaneous/other/unspecified	0.01 Miles	-3246.22	-3606.69	HSIP (Section 148)	Urban Minor Arterial	21650	30	State Highway Agency	Intersections	Infrastructure Improvements
HSIP-106(33)	Intersection geometry Intersection geometrics - miscellaneous/other/unspecified	0.01 Miles	382500	425000	HSIP (Section 148)	Urban Major Collector	6340	55	State Highway Agency	Intersections	Infrastructure Improvements
HSIP-107(19)	Roadway Roadway - restripe to revise separation between opposing lanes and/or shoulder widths	11.62 Miles	-9556.41	-9556.41	HSIP (Section 148)	Rural Major Collector	340	40	State Highway Agency	Roadway Departure	Infrastructure Improvements
HSIP-107(22)	Roadway Roadway - restripe to revise separation between opposing lanes and/or shoulder widths	7.87 Miles	-1073.82	-1073.82	HSIP (Section 148)	Urban Principal Arterial - Other	12160	30	State Highway Agency	Roadway Departure	Infrastructure Improvements
HSIP-107(24)	Roadway Roadway - restripe to revise separation between opposing lanes and/or shoulder widths	3.29 Miles	-665	-665	HSIP (Section 148)	Rural Major Collector	4920	55	State Highway Agency	Roadway Departure	Infrastructure Improvements
HSIP-108(95)	Roadway Roadway - restripe to revise separation between opposing lanes and/or shoulder widths	6.43 Miles	-9000	-10000	HSIP (Section 148)	Rural Minor Arterial	2530	55	State Highway Agency	Roadway Departure	Infrastructure Improvements
HSIP-	Roadway Roadway -	8.64	-15300	-17000	HSIP	Urban	3360	55	State	Roadway	Infrastructure

108(96)	restripe to revise separation between opposing lanes and/or shoulder widths	Miles			(Section 148)	Major Collector			Highway Agency	Departure	ure Improvements
HSIP-108(98)	Roadway Roadway - restripe to revise separation between opposing lanes and/or shoulder widths	12.02 Miles	161000	161000	HSIP (Section 148)	Rural Minor Arterial	3760	55	State Highway Agency	Roadway Departure	Infrastructure Improvements
HSIP-109(36)	Intersection geometry Intersection geometrics - miscellaneous/other/unspecified	0.001 Miles	1466434	1629371	HSIP (Section 148)	Urban Principal Arterial - Other	14020	55	State Highway Agency	Intersections	Infrastructure Improvements
HSIP-11(76)	Roadway Roadway - restripe to revise separation between opposing lanes and/or shoulder widths	3.72 Miles	126588	140654	HSIP (Section 148)	Rural Minor Arterial	4570	55	State Highway Agency	Roadway Departure	Infrastructure Improvements
HSIP-11(85)	Roadway Roadway - restripe to revise separation between opposing lanes and/or shoulder widths	5.04 Miles	89849	89849	HSIP (Section 148)	Rural Minor Arterial	7630	55	State Highway Agency	Roadway Departure	Infrastructure Improvements
HSIP-110(5)	Roadway Roadway - restripe to revise separation between opposing lanes and/or shoulder widths	1.15 Miles	36000	40000	HSIP (Section 148)	Rural Major Collector	2720	55	State Highway Agency	Roadway Departure	Infrastructure Improvements
HSIP-111(85)	Roadway Roadway - restripe to revise separation between opposing lanes and/or shoulder widths	3.47 Miles	-12419.87	-13799.41	HSIP (Section 148)	Rural Principal Arterial - Other	14380	65	State Highway Agency	Roadway Departure	Infrastructure Improvements

HSIP-111(86)	Roadway Roadway - restripe to revise separation between opposing lanes and/or shoulder widths	3.59 Miles	-19411.58	-21568.42	HSIP (Section 148)	Urban Principal Arterial - Other	14890	70	State Highway Agency	Roadway Department	Infrastructure Improvements
HSIP-111(98)	Intersection geometry Intersection geometrics - miscellaneous/other/unspecified	0.09 Miles	15300	17000	HSIP (Section 148)	Rural Principal Arterial - Other	15730	65	State Highway Agency	Intersections	Infrastructure Improvements
HSIP-112(34)	Roadway Roadway - restripe to revise separation between opposing lanes and/or shoulder widths	0.22 Miles	2643300	2937000	HSIP (Section 148)	Urban Minor Arterial	19630	45	State Highway Agency	Roadway Department	Infrastructure Improvements
HSIP-1137(10)	Roadway Roadway - restripe to revise separation between opposing lanes and/or shoulder widths	5.716 Miles	-13500	-15000	HSIP (Section 148)	Rural Minor Collector	1010	35	County Highway Agency	Roadway Department	Infrastructure Improvements
HSIP-114(13)	Roadway Roadway - restripe to revise separation between opposing lanes and/or shoulder widths	6.59 Miles	-908.19	-908.19	HSIP (Section 148)	Rural Major Collector	150	45	State Highway Agency	Roadway Department	Infrastructure Improvements
HSIP-117(11)	Roadway Roadway - restripe to revise separation between opposing lanes and/or shoulder widths	6.38 Miles	167220	185800	HSIP (Section 148)	Rural Major Collector	900	45	State Highway Agency	Roadway Department	Infrastructure Improvements
HSIP-121(15)	Roadway Roadway - restripe to revise separation between opposing lanes and/or	8.65 Miles	-12261.63	-12261.63	HSIP (Section 148)	Rural Major Collector	880	45	State Highway Agency	Roadway Department	Infrastructure Improvements

	shoulder widths										
HSIP-125(18)	Roadway Roadway - restripe to revise separation between opposing lanes and/or shoulder widths	3.21 Miles	- 27287.38	- 27287.38	HSIP (Section 148)	Rural Minor Arterial	4020	55	State Highway Agency	Roadway Department	Infrastructure Improvements
HSIP-1254(10)	Roadway Roadway - restripe to revise separation between opposing lanes and/or shoulder widths	1.23 Miles	18000	20000	HSIP (Section 148)	Urban Minor Arterial	11330	40	City of Municipal Highway Agency	Roadway Department	Infrastructure Improvements
HSIP-127(19)	Roadway Roadway - restripe to revise separation between opposing lanes and/or shoulder widths	10.59 Miles	1266.71	1266.71	HSIP (Section 148)	Multi-Location	0	0	Multi-Location	Roadway Department	Infrastructure Improvements
HSIP-128(28)	Roadway Roadway - restripe to revise separation between opposing lanes and/or shoulder widths	3.657 Miles	36000	40000	HSIP (Section 148)	Rural Major Collector	660	45	State Highway Agency	Roadway Department	Infrastructure Improvements
HSIP-128(30)	Roadway Roadway - restripe to revise separation between opposing lanes and/or shoulder widths	6.05 Miles	56217	56217	HSIP (Section 148)	Rural Major Collector	370	45	State Highway Agency	Roadway Department	Infrastructure Improvements
HSIP-1288(10)	Roadway Roadway - restripe to revise separation between opposing lanes and/or shoulder widths	0.42 Miles	9000	10000	HSIP (Section 148)	Urban Minor Arterial	4970	35	County Highway Agency	Roadway Department	Infrastructure Improvements
HSIP-1296(11)	Roadway Roadway - restripe to revise	6.07 Miles	86100	83700	HSIP (Section 148)	Rural Minor	2840	45	City of Municipal	Roadway Department	Infrastructure

	separation between opposing lanes and/or shoulder widths				n 148)	Collector			al Highway Agency	e	Improvem ents
HSIP-13(56)	Roadway Roadway - restripe to revise separation between opposing lanes and/or shoulder widths	5.73 Miles	-955.11	-955.11	HSIP (Section 148)	Rural Minor Arterial	2540	55	State Highway Agency	Roadway Departur e	Infrastruct ure Improvem ents
HSIP-13(61)	Roadway Roadway - restripe to revise separation between opposing lanes and/or shoulder widths	5.42 Miles	103000	103000	HSIP (Section 148)	Rural Minor Arterial	2520	55	State Highway Agency	Roadway Departur e	Infrastruct ure Improvem ents
HSIP-13(65)	Roadway Roadway - restripe to revise separation between opposing lanes and/or shoulder widths	2.16 Miles	4500	5000	HSIP (Section 148)	Rural Minor Arterial	990	55	State Highway Agency	Roadway Departur e	Infrastruct ure Improvem ents
HSIP-130(16)	Roadway Roadway - restripe to revise separation between opposing lanes and/or shoulder widths	6.56 Miles	2418.71	2418.71	HSIP (Section 148)	Rural Major Collector	3560	45	State Highway Agency	Roadway Departur e	Infrastruct ure Improvem ents
HSIP-130(17)	Roadway Roadway - restripe to revise separation between opposing lanes and/or shoulder widths	2.34 Miles	-6590.38	-6590.38	HSIP (Section 148)	Urban Major Collector	6070	45	State Highway Agency	Roadway Departur e	Infrastruct ure Improvem ents
HSIP-131(34)	Roadway Roadway - restripe to revise separation between opposing lanes and/or shoulder widths	7.85 Miles	-1567.05	-1567.05	HSIP (Section 148)	Rural Major Collector	1240	40	State Highway Agency	Roadway Departur e	Infrastruct ure Improvem ents

HSIP-135(16)	Roadway Roadway - restripe to revise separation between opposing lanes and/or shoulder widths	5.01 Miles	- 2498.89	- 2498.89	HSIP (Section 148)	Rural Major Collector	280	45	State Highway Agency	Roadway Department	Infrastructure Improvements
HSIP-136(10)	Roadway Roadway - restripe to revise separation between opposing lanes and/or shoulder widths	11.35 Miles	- 22271.33	- 22271.33	HSIP (Section 148)	Rural Major Collector	1200	40	State Highway Agency	Roadway Department	Infrastructure Improvements
HSIP-136(11)	Roadway Roadway - restripe to revise separation between opposing lanes and/or shoulder widths	2.07 Miles	31236.81	31236.81	HSIP (Section 148)	Urban Major Collector	4760	45	State Highway Agency	Roadway Department	Infrastructure Improvements
HSIP-136(13)	Roadway Roadway - restripe to revise separation between opposing lanes and/or shoulder widths	10.96 Miles	180000	180000	HSIP (Section 148)	Multi-Location	0	0	Multi-Location	Roadway Department	Infrastructure Improvements
HSIP-136(9)	Roadway Roadway - restripe to revise separation between opposing lanes and/or shoulder widths	1.98 Miles	-226.05	-226.05	HSIP (Section 148)	Rural Major Collector	1200	40	State Highway Agency	Roadway Department	Infrastructure Improvements
HSIP-1384(10)	Roadway Roadway - restripe to revise separation between opposing lanes and/or shoulder widths	5.35 Miles	9000	10000	HSIP (Section 148)	Urban Minor Arterial	2400	45	City of Municipal Highway Agency	Roadway Department	Infrastructure Improvements
HSIP-139(9)	Roadway Roadway - restripe to revise separation between	10.03 Miles	24000	24000	HSIP (Section 148)	Rural Major Collector	3140	45	State Highway Agency	Roadway Department	Infrastructure Improvements

	opposing lanes and/or shoulder widths										ents
HSIP-14(60)	Intersection geometry Intersection geometrics - miscellaneous/other/unspecified	0 Miles	36000	40000	HSIP (Section 148)	Rural Principal Arterial - Other	7830	55	State Highway Agency	Intersections	Infrastructure Improvements
HSIP-14(61)	Intersection geometry Intersection geometrics - miscellaneous/other/unspecified	0.01 Miles	36000	40000	HSIP (Section 148)	Rural Principal Arterial - Other	7830	55	State Highway Agency	Intersections	Infrastructure Improvements
HSIP-140(16)	Roadway Roadway - restripe to revise separation between opposing lanes and/or shoulder widths	8.84 Miles	55043.6	55043.6	HSIP (Section 148)	Rural Major Collector	670	55	State Highway Agency	Roadway Departure	Infrastructure Improvements
HSIP-1400(26)	Roadway Roadway - restripe to revise separation between opposing lanes and/or shoulder widths	45.81 Miles	342900	343000	HSIP (Section 148)	Multi-Location	0	0	Multi-Location	Roadway Departure	Infrastructure Improvements
HSIP-141(28)	Roadway Roadway - restripe to revise separation between opposing lanes and/or shoulder widths	3.41 Miles	- 9703.21	- 9703.21	HSIP (Section 148)	Rural Major Collector	1040	45	State Highway Agency	Roadway Departure	Infrastructure Improvements
HSIP-141(29)	Roadway Roadway - restripe to revise separation between opposing lanes and/or shoulder widths	3.36 Miles	- 30754.92	- 30754.92	HSIP (Section 148)	Rural Major Collector	400	45	State Highway Agency	Roadway Departure	Infrastructure Improvements
HSIP-144(3)	Roadway Roadway - restripe to revise separation between	5.03 Miles	177000	177000	HSIP (Section 148)	Rural Major Collector	3060	40	State Highway Agency	Roadway Departure	Infrastructure Improvements

	opposing lanes and/or shoulder widths										ents
HSIP-146(6)	Roadway Roadway - restripe to revise separation between opposing lanes and/or shoulder widths	4.86 Miles	60000	59000	HSIP (Section 148)	Rural Major Collector	3730	45	State Highway Agency	Roadway Department	Infrastructure Improvements
HSIP-149(13)	Roadway Roadway - restripe to revise separation between opposing lanes and/or shoulder widths	3.99 Miles	171292	171292	HSIP (Section 148)	Rural Minor Arterial	4260	55	State Highway Agency	Roadway Department	Infrastructure Improvements
HSIP-15(181)	Roadway Roadway - restripe to revise separation between opposing lanes and/or shoulder widths	6.71 Miles	- 9360.82	- 10400.47	HSIP (Section 148)	Multi-Location	0	0	Multi-Location	Roadway Department	Infrastructure Improvements
HSIP-15(182)	Roadway Roadway - restripe to revise separation between opposing lanes and/or shoulder widths	5.66 Miles	10100	7000	HSIP (Section 148)	Rural Principal Arterial - Other	9610	55	State Highway Agency	Roadway Department	Infrastructure Improvements
HSIP-15(184)	Roadway Roadway - restripe to revise separation between opposing lanes and/or shoulder widths	0.62 Miles	4618.53	4618.53	HSIP (Section 148)	Rural Principal Arterial - Other	7500	40	State Highway Agency	Roadway Department	Infrastructure Improvements
HSIP-150(8)	Roadway Roadway - restripe to revise separation between opposing lanes and/or shoulder widths	4.1 Miles	- 11038.23	- 11038.23	HSIP (Section 148)	Rural Major Collector	1780	55	State Highway Agency	Roadway Department	Infrastructure Improvements
HSIP-	Roadway Roadway -	5	637.8	637.8	HSIP	Multi-	0	0	Multi-	Roadway	Infrastructure

151(4)	restripe to revise separation between opposing lanes and/or shoulder widths	Miles			(Section 148)	Location			Location	Departure	ure Improvements
HSIP-152(16)	Intersection geometry Intersection geometrics - miscellaneous/other/unspecified	0.01 Miles	180882.45	200980.5	HSIP (Section 148)	Rural Major Collector	2800	55	State Highway Agency	Intersections	Infrastructure Improvements
HSIP-154(4)	Roadway Roadway - restripe to revise separation between opposing lanes and/or shoulder widths	5.75 Miles	5011.99	5011.99	HSIP (Section 148)	Rural Major Collector	360	30	State Highway Agency	Roadway Departure	Infrastructure Improvements
HSIP-154(5)	Roadway Roadway - restripe to revise separation between opposing lanes and/or shoulder widths	5 Miles	-2700	-3000	HSIP (Section 148)	Rural Major Collector	1090	30	State Highway Agency	Roadway Departure	Infrastructure Improvements
HSIP-16(51)	Intersection geometry Intersection geometrics - miscellaneous/other/unspecified	0.06 Miles	9000	10000	HSIP (Section 148)	Urban Principal Arterial - Other	21460	40	State Highway Agency	Intersections	Infrastructure Improvements
HSIP-16(52)	Roadway Roadway - restripe to revise separation between opposing lanes and/or shoulder widths	3.65 Miles	144000	144000	HSIP (Section 148)	Rural Principal Arterial - Other	12990	40	State Highway Agency	Roadway Departure	Infrastructure Improvements
HSIP-160(10)	Roadway Roadway - restripe to revise separation between opposing lanes and/or shoulder widths	0.54 Miles	-9000	-10000	HSIP (Section 148)	Urban Minor Arterial	8430	55	State Highway Agency	Roadway Departure	Infrastructure Improvements
HSIP-	Roadway Roadway -	8.9 Miles	199800	203000	HSIP	Rural	2760	40	City of	Roadway	Infrastructure

1629(10)	restripe to revise separation between opposing lanes and/or shoulder widths	Miles			(Section 148)	Minor Collector			Municipal Highway Agency	Departure	Infrastructure Improvements
HSIP-164(2)	Roadway Roadway - restripe to revise separation between opposing lanes and/or shoulder widths	2.75 Miles	206.39	206.39	HSIP (Section 148)	Rural Major Collector	3580	30	State Highway Agency	Roadway Departure	Infrastructure Improvements
HSIP-166(14)	Roadway Roadway - restripe to revise separation between opposing lanes and/or shoulder widths	1.89 Miles	-35334.72	-39260.8	HSIP (Section 148)	Rural Major Collector	1100	55	State Highway Agency	Roadway Departure	Infrastructure Improvements
HSIP-166(18)	Roadway Roadway - restripe to revise separation between opposing lanes and/or shoulder widths	5.99 Miles	51461	51461	HSIP (Section 148)	Rural Major Collector	1270	55	State Highway Agency	Roadway Departure	Infrastructure Improvements
HSIP-170(8)	Roadway Roadway - restripe to revise separation between opposing lanes and/or shoulder widths	4.71 Miles	5898.54	5898.54	HSIP (Section 148)	Rural Major Collector	5170	40	State Highway Agency	Roadway Departure	Infrastructure Improvements
HSIP-1700(24)	Roadway Roadway - restripe to revise separation between opposing lanes and/or shoulder widths	1.82 Miles	-36000	-40000	HSIP (Section 148)	Rural Local Road or Street	0	30	City of Municipal Highway Agency	Roadway Departure	Infrastructure Improvements
HSIP-177(31)	Roadway Roadway - restripe to revise separation between opposing lanes and/or	1.22 Miles	5750.56	5750.56	HSIP (Section 148)	Urban Principal Arterial - Other	13180	40	State Highway Agency	Roadway Departure	Infrastructure Improvements

	shoulder widths										
HSIP-1800(38)	Roadway Roadway - restripe to revise separation between opposing lanes and/or shoulder widths	43.38 Miles	25000	25000	HSIP (Section 148)	Multi-Location	0	0	Multi-Location	Roadway Department	Infrastructure Improvements
HSIP-185(10)	Roadway Roadway - restripe to revise separation between opposing lanes and/or shoulder widths	0.49 Miles	8400	8400	HSIP (Section 148)	Rural Major Collector	3260	30	State Highway Agency	Roadway Department	Infrastructure Improvements
HSIP-1861(10)	Roadway Roadway - restripe to revise separation between opposing lanes and/or shoulder widths	7.09 Miles	32838.38	34302.01	HSIP (Section 148)	Urban Minor Collector	990	45	County Highway Agency	Roadway Department	Infrastructure Improvements
HSIP-189(10)	Roadway Roadway - restripe to revise separation between opposing lanes and/or shoulder widths	5.28 Miles	-15617.55	-15617.55	HSIP (Section 148)	Multi-Location	0	0	Multi-Location	Roadway Department	Infrastructure Improvements
HSIP-1900(32)	Roadway Roadway - restripe to revise separation between opposing lanes and/or shoulder widths	10.499 Miles	13500	15000	HSIP (Section 148)	Multi-Location	0	0	Multi-Location	Roadway Department	Infrastructure Improvements
HSIP-191(11)	Roadway Roadway - restripe to revise separation between opposing lanes and/or shoulder widths	5.38 Miles	16678.1	18531	HSIP (Section 148)	Rural Major Collector	1120	50	State Highway Agency	Roadway Department	Infrastructure Improvements
HSIP-2(105)	Intersection geometry Intersection geometrics -	0 Miles	-11886.0	-2846.69	HSIP (Section 148)	Urban Minor	7960	35	State Highway	Intersections	Infrastructure

	miscellaneous/other/unspecified		8		n 148)	Arterial			Agency		Improvements
HSIP-2(221)	Roadway Roadway - restripe to revise separation between opposing lanes and/or shoulder widths	6.48 Miles	-74185.96	-74185.96	HSIP (Section 148)	Rural Major Collector	1600	55	State Highway Agency	Roadway Department	Infrastructure Improvements
HSIP-2(223)	Roadway Roadway - restripe to revise separation between opposing lanes and/or shoulder widths	3.5 Miles	-9056.31	-9056.31	HSIP (Section 148)	Rural Major Collector	720	55	State Highway Agency	Roadway Department	Infrastructure Improvements
HSIP-2(232)	Roadway Roadway - restripe to revise separation between opposing lanes and/or shoulder widths	8.27 Miles	-9000	-10000	HSIP (Section 148)	Urban Principal Arterial - Other	6510	45	State Highway Agency	Roadway Department	Infrastructure Improvements
HSIP-2(84)	Roadway Roadway - restripe to revise separation between opposing lanes and/or shoulder widths	0.01 Miles	-13740.62	-15267.35	HSIP (Section 148)	Urban Principal Arterial - Other	6510	45	State Highway Agency	Roadway Department	Infrastructure Improvements
HSIP-20(61)	Intersection geometry Intersection geometrics - miscellaneous/other/unspecified	0.01 Miles	13500	15000	HSIP (Section 148)	Rural Principal Arterial - Other	4500	30	State Highway Agency	Intersections	Infrastructure Improvements
HSIP-205(23)	Roadway Roadway - restripe to revise separation between opposing lanes and/or shoulder widths	2.5 Miles	-38746	0	HSIP (Section 148)	Urban Minor Arterial	1210	35	State Highway Agency	Roadway Department	Infrastructure Improvements
HSIP-209(14)	Roadway Roadway - restripe to revise	2.81 Miles	88200	98000	HSIP (Section 148)	Urban Minor	4500	30	State Highway Agency	Roadway Department	Infrastructure

	separation between opposing lanes and/or shoulder widths				n 148)	Arterial			Agency	e	Improvem ents
HSIP-22(81)	Roadway Roadway - restripe to revise separation between opposing lanes and/or shoulder widths	5.2 Miles	166122	166122	HSIP (Section 148)	Rural Major Collector	1050	55	State Highway Agency	Roadway Departur e	Infrastruct ure Improvem ents
HSIP-2205(10)	Roadway Roadway - restripe to revise separation between opposing lanes and/or shoulder widths	0.01 Miles	-18000	-20000	HSIP (Section 148)	Urban Minor Arterial	2910	40	County Highway Agency	Roadway Departur e	Infrastruct ure Improvem ents
HSIP-224(15)	Roadway Roadway - restripe to revise separation between opposing lanes and/or shoulder widths	1.44 Miles	11492	9392	HSIP (Section 148)	Rural Major Collector	910	50	State Highway Agency	Roadway Departur e	Infrastruct ure Improvem ents
HSIP-227(7)	Roadway Roadway - restripe to revise separation between opposing lanes and/or shoulder widths	6.5 Miles	115000	115000	HSIP (Section 148)	Rural Major Collector	1630	30	State Highway Agency	Roadway Departur e	Infrastruct ure Improvem ents
HSIP-23(10)	Roadway Roadway - restripe to revise separation between opposing lanes and/or shoulder widths	0.72 Miles	-36000	-40000	HSIP (Section 148)	Urban Minor Arterial	2484 0	35	State Highway Agency	Roadway Departur e	Infrastruct ure Improvem ents
HSIP-230(14)	Roadway Roadway - restripe to revise separation between opposing lanes and/or shoulder widths	5.98 Miles	- 9577.88	- 9577.88	HSIP (Section 148)	Rural Major Collector	920	55	State Highway Agency	Roadway Departur e	Infrastruct ure Improvem ents

HSIP-230(15)	Roadway Roadway - restripe to revise separation between opposing lanes and/or shoulder widths	7.17 Miles	230039	230039	HSIP (Section 148)	Rural Major Collector	420	40	State Highway Agency	Roadway Department	Infrastructure Improvements
HSIP-231(4)	Roadway Roadway - restripe to revise separation between opposing lanes and/or shoulder widths	6.13 Miles	-10843.77	-10843.77	HSIP (Section 148)	Rural Major Collector	830	55	State Highway Agency	Roadway Department	Infrastructure Improvements
HSIP-235(13)	Roadway Roadway - restripe to revise separation between opposing lanes and/or shoulder widths	6.17 Miles	76000	76000	HSIP (Section 148)	Rural Major Collector	1280	35	State Highway Agency	Roadway Department	Infrastructure Improvements
HSIP-24(38)	Roadway Roadway - restripe to revise separation between opposing lanes and/or shoulder widths	0.83 Miles	9127.22	10142.02	HSIP (Section 148)	Urban Principal Arterial - Other	31350	45	State Highway Agency	Roadway Department	Infrastructure Improvements
HSIP-24(54)	Roadway Roadway - restripe to revise separation between opposing lanes and/or shoulder widths	0.47 Miles	-36000	-40000	HSIP (Section 148)	Rural Minor Arterial	6780	30	State Highway Agency	Roadway Department	Infrastructure Improvements
HSIP-24(56)	Roadway Roadway - restripe to revise separation between opposing lanes and/or shoulder widths	2.31 Miles	4615.17	4615.17	HSIP (Section 148)	Rural Minor Arterial	4090	45	State Highway Agency	Roadway Department	Infrastructure Improvements
HSIP-24(57)	Roadway Roadway - restripe to revise separation between	3.85 Miles	31897	31897	HSIP (Section 148)	Urban Minor Arterial	20220	50	State Park, Forest,	Roadway Department	Infrastructure Improvem

	opposing lanes and/or shoulder widths								or Reservation Agency		ents
HSIP-2427(10)	Intersection geometry Intersection geometrics - miscellaneous/other/unspecified	0.01 Miles	- 9703.31	- 10343.99	HSIP (Section 148)	Urban Minor Collector	280	25	County Highway Agency	Intersections	Infrastructure Improvements
HSIP-245(7)	Roadway Roadway - restripe to revise separation between opposing lanes and/or shoulder widths	3.58 Miles	- 8696.63	- 9662.92	HSIP (Section 148)	Urban Minor Arterial	6040	45	State Highway Agency	Roadway Departure	Infrastructure Improvements
HSIP-245(8)	Roadway Roadway - restripe to revise separation between opposing lanes and/or shoulder widths	5.639 Miles	127081	127081	HSIP (Section 148)	Rural Minor Arterial	1750	45	State Highway Agency	Roadway Departure	Infrastructure Improvements
HSIP-247(12)	Intersection geometry Intersection geometrics - miscellaneous/other/unspecified	0.01 Miles	330390	367100	HSIP (Section 148)	Urban Minor Arterial	2970	45	State Highway Agency	Intersections	Infrastructure Improvements
HSIP-2471(10)	Roadway Roadway - restripe to revise separation between opposing lanes and/or shoulder widths	4.65 Miles	- 5774.46	- 6679.18	HSIP (Section 148)	Rural Minor Collector	370	30	County Highway Agency	Roadway Departure	Infrastructure Improvements
HSIP-248(14)	Roadway Roadway - restripe to revise separation between opposing lanes and/or shoulder widths	2.81 Miles	83132	83132	HSIP (Section 148)	Urban Minor Arterial	5030	55	State Highway Agency	Roadway Departure	Infrastructure Improvements
HSIP-	Roadway Roadway -	11.05 Miles	1250.49	847.31	HSIP	Rural	5730	40	State	Roadway	Infrastructure

249(74)	restripe to revise separation between opposing lanes and/or shoulder widths	Miles			(Section 148)	Major Collector			Highway Agency	Departure	Infrastructure Improvements
HSIP-25(51)	Roadway Roadway - restripe to revise separation between opposing lanes and/or shoulder widths	2.96 Miles	39000	39000	HSIP (Section 148)	Rural Minor Arterial	1800	55	State Highway Agency	Roadway Departure	Infrastructure Improvements
HSIP-252(12)	Roadway Roadway - restripe to revise separation between opposing lanes and/or shoulder widths	6.23 Miles	9000	10000	HSIP (Section 148)	Urban Minor Arterial	1970	40	State Highway Agency	Roadway Departure	Infrastructure Improvements
HSIP-252(13)	Roadway Roadway - restripe to revise separation between opposing lanes and/or shoulder widths	1.82 Miles	36000	40000	HSIP (Section 148)	Urban Minor Arterial	2400	40	State Highway Agency	Roadway Departure	Infrastructure Improvements
HSIP-254(9)	Roadway Roadway - restripe to revise separation between opposing lanes and/or shoulder widths	2.77 Miles	23468	23468	HSIP (Section 148)	Urban Principal Arterial - Other	17470	40	State Highway Agency	Roadway Departure	Infrastructure Improvements
HSIP-258(13)	Roadway Roadway - restripe to revise separation between opposing lanes and/or shoulder widths	5.444 Miles	26078	28976	HSIP (Section 148)	Urban Minor Arterial	6440	40	State Highway Agency	Roadway Departure	Infrastructure Improvements
HSIP-26(66)	Roadway Roadway - restripe to revise separation between opposing lanes and/or	0.774 Miles	36000	40000	HSIP (Section 148)	Urban Principal Arterial - Other	15450	45	State Highway Agency	Roadway Departure	Infrastructure Improvements

	shoulder widths										
HSIP-261(3)	Roadway Roadway - restripe to revise separation between opposing lanes and/or shoulder widths	6.53 Miles	171412	171412	HSIP (Section 148)	Rural Major Collector	360	45	State Highway Agency	Roadway Department	Infrastructure Improvements
HSIP-262(10)	Roadway Roadway - restripe to revise separation between opposing lanes and/or shoulder widths	9.05 Miles	- 7422.61	- 8247.34	HSIP (Section 148)	Multi-Location	0	0	Multi-Location	Roadway Department	Infrastructure Improvements
HSIP-264(8)	Roadway Roadway - restripe to revise separation between opposing lanes and/or shoulder widths	5.46 Miles	- 18266.7	- 18266.7	HSIP (Section 148)	Multi-Location	0	0	Multi-Location	Roadway Department	Infrastructure Improvements
HSIP-264(9)	Roadway Roadway - restripe to revise separation between opposing lanes and/or shoulder widths	5.3 Miles	- 30302.35	- 33668.84	HSIP (Section 148)	Rural Major Collector	520	55	State Highway Agency	Roadway Department	Infrastructure Improvements
HSIP-265(10)	Roadway Roadway - restripe to revise separation between opposing lanes and/or shoulder widths	1.85 Miles	- 4573.81	- 4573.81	HSIP (Section 148)	Urban Minor Arterial	8830	45	State Highway Agency	Roadway Department	Infrastructure Improvements
HSIP-265(15)	Roadway Roadway - restripe to revise separation between opposing lanes and/or shoulder widths	6.9 Miles	6346.89	6346.89	HSIP (Section 148)	Rural Minor Arterial	2140	35	State Highway Agency	Roadway Department	Infrastructure Improvements
HSIP-265(16)	Roadway Roadway - restripe to revise	2.72 Miles	27000	27000	HSIP (Section 148)	Rural Minor	1230	45	State Highway Agency	Roadway Department	Infrastructure

	separation between opposing lanes and/or shoulder widths				n 148)	Arterial			Agency	e	Improvem ents
HSIP-266(23)	Roadway Roadway - restripe to revise separation between opposing lanes and/or shoulder widths	4.77 Miles	26004	26004	HSIP (Section 148)	Rural Minor Arterial	1620	50	State Highway Agency	Roadway Departur e	Infrastruct ure Improvem ents
HSIP-269(27)	Roadway Roadway - restripe to revise separation between opposing lanes and/or shoulder widths	7.82 Miles	20848.49	20848.49	HSIP (Section 148)	Rural Major Collector	550	40	State Highway Agency	Roadway Departur e	Infrastruct ure Improvem ents
HSIP-269(28)	Roadway Roadway - restripe to revise separation between opposing lanes and/or shoulder widths	4.9 Miles	-4532.76	-4532.76	HSIP (Section 148)	Rural Major Collector	540	35	State Highway Agency	Roadway Departur e	Infrastruct ure Improvem ents
HSIP-269(29)	Roadway Roadway - restripe to revise separation between opposing lanes and/or shoulder widths	4.99 Miles	67492	67492	HSIP (Section 148)	Rural Major Collector	770	40	State Highway Agency	Roadway Departur e	Infrastruct ure Improvem ents
HSIP-27(50)	Roadway Roadway - restripe to revise separation between opposing lanes and/or shoulder widths	2.34 Miles	1455.02	1455.02	HSIP (Section 148)	Rural Major Collector	9490	30	State Highway Agency	Roadway Departur e	Infrastruct ure Improvem ents
HSIP-271(10)	Roadway Roadway - restripe to revise separation between opposing lanes and/or shoulder widths	6.34 Miles	157119	157119	HSIP (Section 148)	Rural Major Collector	660	45	State Highway Agency	Roadway Departur e	Infrastruct ure Improvem ents

HSIP-273(14)	Roadway Roadway - restripe to revise separation between opposing lanes and/or shoulder widths	9.32 Miles	- 25071.68	- 25071.68	HSIP (Section 148)	Rural Major Collector	280	50	State Highway Agency	Roadway Department	Infrastructure Improvements
HSIP-274(6)	Roadway Roadway - restripe to revise separation between opposing lanes and/or shoulder widths	7.09 Miles	- 9334.41	- 9334.41	HSIP (Section 148)	Rural Major Collector	590	40	State Highway Agency	Roadway Department	Infrastructure Improvements
HSIP-274(7)	Roadway Roadway - restripe to revise separation between opposing lanes and/or shoulder widths	6 Miles	71000	71000	HSIP (Section 148)	Rural Major Collector	590	40	State Highway Agency	Roadway Department	Infrastructure Improvements
HSIP-279(4)	Roadway Roadway - restripe to revise separation between opposing lanes and/or shoulder widths	5.01 Miles	- 8533.92	- 8533.92	HSIP (Section 148)	Rural Major Collector	1010	45	State Highway Agency	Roadway Department	Infrastructure Improvements
HSIP-28(50)	Roadway Roadway - restripe to revise separation between opposing lanes and/or shoulder widths	1.8 Miles	- 21463.31	- 21463.31	HSIP (Section 148)	Urban Principal Arterial - Other	8450	45	State Highway Agency	Roadway Department	Infrastructure Improvements
HSIP-28(51)	Roadway Roadway - restripe to revise separation between opposing lanes and/or shoulder widths	3.24 Miles	- 7539.06	- 7539.06	HSIP (Section 148)	Rural Principal Arterial - Other	5610	55	State Highway Agency	Roadway Department	Infrastructure Improvements
HSIP-281(3)	Roadway Roadway - restripe to revise separation between	4.18 Miles	- 14703.15	- 14703.15	HSIP (Section 148)	Rural Major Collector	700	45	State Highway Agency	Roadway Department	Infrastructure Improvements

	opposing lanes and/or shoulder widths										ents
HSIP-2810(10)	Intersection geometry Intersection geometrics - miscellaneous/other/unspecified	0.01 Miles	280800	312000	HSIP (Section 148)	Urban Principal Arterial - Other	23040	40	City of Municipal Highway Agency	Intersections	Infrastructure Improvements
HSIP-2814(4)	Intersection geometry Intersection geometrics - miscellaneous/other/unspecified	0.01 Miles	1075019	1161171	HSIP (Section 148)	Urban Principal Arterial - Other	21200	40	City of Municipal Highway Agency	Intersections	Infrastructure Improvements
HSIP-2814(7)	Roadway Roadway - restripe to revise separation between opposing lanes and/or shoulder widths	0.01 Miles	-36000	-40000	HSIP (Section 148)	Urban Minor Arterial	13450	40	City of Municipal Highway Agency	Roadway Departure	Infrastructure Improvements
HSIP-2823(5)	Intersection geometry Intersection geometrics - miscellaneous/other/unspecified	0.01 Miles	238500	265000	HSIP (Section 148)	Urban Minor Arterial	6420	50	City of Municipal Highway Agency	Intersections	Infrastructure Improvements
HSIP-287(10)	Roadway Roadway - restripe to revise separation between opposing lanes and/or shoulder widths	13.51 Miles	-8705.27	-8705.27	HSIP (Section 148)	Rural Major Collector	1050	55	State Highway Agency	Roadway Departure	Infrastructure Improvements
HSIP-287(9)	Roadway Roadway - restripe to revise separation between opposing lanes and/or shoulder widths	6.42 Miles	-60334.79	-60334.79	HSIP (Section 148)	Rural Major Collector	610	25	State Highway Agency	Roadway Departure	Infrastructure Improvements
HSIP-	Intersection geometry	0.1	-	-	HSIP	Urban	9120	40	State	Intersecti	Infrastruct

29(81)	Intersection geometrics - miscellaneous/other/unspecified	Miles	19331.06	21478.94	(Section 148)	Minor Arterial			Highway Agency	Intersections	Infrastructure Improvements
HSIP-294(3)	Roadway Roadway - restripe to revise separation between opposing lanes and/or shoulder widths	9.67 Miles	-4128.82	-4128.82	HSIP (Section 148)	Multi-Location	0	0	Multi-Location	Roadway Department	Infrastructure Improvements
HSIP-295(2)	Roadway Roadway - restripe to revise separation between opposing lanes and/or shoulder widths	5.03 Miles	36000	40000	HSIP (Section 148)	Rural Major Collector	230	45	State Highway Agency	Roadway Department	Infrastructure Improvements
HSIP-298(9)	Roadway Roadway - restripe to revise separation between opposing lanes and/or shoulder widths	4.07 Miles	4910.44	4910.44	HSIP (Section 148)	Urban Major Collector	950	45	State Highway Agency	Roadway Department	Infrastructure Improvements
HSIP-299(10)	Roadway Roadway - restripe to revise separation between opposing lanes and/or shoulder widths	2.49 Miles	-36000	-36247.17	HSIP (Section 148)	Rural Major Collector	1360	55	State Highway Agency	Roadway Department	Infrastructure Improvements
HSIP-3(134)	Intersection geometry Intersection geometrics - miscellaneous/other/unspecified	0 Miles	-35963.35	-39959.28	HSIP (Section 148)	Urban Principal Arterial - Other	3170	35	State Highway Agency	Intersections	Infrastructure Improvements
HSIP-3(140)	Roadway Roadway - restripe to revise separation between opposing lanes and/or shoulder widths	4.46 Miles	132300	132300	HSIP (Section 148)	Rural Principal Arterial - Other	1004	55	State Highway Agency	Roadway Department	Infrastructure Improvements
HSIP-	Roadway Roadway -	6.59 Miles	284000	284000	HSIP	Urban	1004	55	State	Roadway	Infrastructure

3(141)	restripe to revise separation between opposing lanes and/or shoulder widths	Miles			(Section 148)	Principal Arterial - Other	0		Highway Agency	Departure	ure Improvements
HSIP-30(57)	Roadway Roadway - restripe to revise separation between opposing lanes and/or shoulder widths	10.97 Miles	-32471.18	-32471.18	HSIP (Section 148)	Rural Minor Arterial	1480	55	State Highway Agency	Roadway Departure	Infrastructure Improvements
HSIP-30(66)	Roadway Roadway - restripe to revise separation between opposing lanes and/or shoulder widths	3.65 Miles	-9000	-10000	HSIP (Section 148)	Urban Minor Arterial	7130	45	State Highway Agency	Roadway Departure	Infrastructure Improvements
HSIP-30(73)	Intersection geometry Intersection geometrics - miscellaneous/other/unspecified	0.01 Miles	4500	5000	HSIP (Section 148)	Rural Minor Arterial	7130	55	State Highway Agency	Intersections	Infrastructure Improvements
HSIP-30(74)	Roadway Roadway - restripe to revise separation between opposing lanes and/or shoulder widths	0.33 Miles	-36000	-40000	HSIP (Section 148)	Rural Minor Arterial	7130	55	State Highway Agency	Roadway Departure	Infrastructure Improvements
HSIP-305(9)	Roadway Roadway - restripe to revise separation between opposing lanes and/or shoulder widths	8.78 Miles	-19038.35	-19038.35	HSIP (Section 148)	Multi-Location	0	0	Multi-Location	Roadway Departure	Infrastructure Improvements
HSIP-308(8)	Intersection geometry Intersection geometrics - miscellaneous/other/unspecified	0.07 Miles	36000	40000	HSIP (Section 148)	Urban Major Collector	5820	55	State Highway Agency	Intersections	Infrastructure Improvements
HSIP-	Roadway Roadway -	4.52 Miles	16200	16200	HSIP	Multi-	0	0	Multi-	Roadway	Infrastructure

		Miles			(Section 148)	Location			Location	Departure	ure Improvements
31(14)	restripe to revise separation between opposing lanes and/or shoulder widths										
HSIP-312(14)	Roadway Roadway - restripe to revise separation between opposing lanes and/or shoulder widths	3.48 Miles	9849.89	9849.89	HSIP (Section 148)	Urban Major Collector	4140	45	State Highway Agency	Roadway Departure	Infrastructure Improvements
HSIP-312(15)	Roadway Roadway - restripe to revise separation between opposing lanes and/or shoulder widths	5.27 Miles	-9000	-10000	HSIP (Section 148)	Urban Major Collector	2130	55	State Highway Agency	Roadway Departure	Infrastructure Improvements
HSIP-313(4)	Roadway Roadway - restripe to revise separation between opposing lanes and/or shoulder widths	7.81 Miles	-10011.9	-10011.9	HSIP (Section 148)	Multi-Location	0	0	Multi-Location	Roadway Departure	Infrastructure Improvements
HSIP-315(2)	Roadway Roadway - restripe to revise separation between opposing lanes and/or shoulder widths	7.16 Miles	-13806.65	-13806.65	HSIP (Section 148)	Rural Major Collector	260	45	State Highway Agency	Roadway Departure	Infrastructure Improvements
HSIP-319(13)	Roadway Roadway - restripe to revise separation between opposing lanes and/or shoulder widths	8.76 Miles	-32578.61	-32578.61	HSIP (Section 148)	Urban Principal Arterial - Other	960	45	State Highway Agency	Roadway Departure	Infrastructure Improvements
HSIP-32(86)	Roadway Roadway - restripe to revise separation between opposing lanes and/or	0.45 Miles	4500	5000	HSIP (Section 148)	Urban Principal Arterial - Other	20550	50	State Highway Agency	Roadway Departure	Infrastructure Improvements

	shoulder widths										
HSIP-33(102)	Roadway Roadway - restripe to revise separation between opposing lanes and/or shoulder widths	0.57 Miles	2054700	2283000	HSIP (Section 148)	Urban Minor Arterial	12740	40	State Highway Agency	Roadway Department	Infrastructure Improvements
HSIP-33(105)	Roadway Roadway - restripe to revise separation between opposing lanes and/or shoulder widths	0.01 Miles	-18000	-20000	HSIP (Section 148)	Urban Minor Arterial	12740	40	State Highway Agency	Roadway Department	Infrastructure Improvements
HSIP-33(117)	Roadway Roadway - restripe to revise separation between opposing lanes and/or shoulder widths	5.42 Miles	-36000	-36290.1	HSIP (Section 148)	Rural Minor Arterial	11950	45	State Highway Agency	Roadway Department	Infrastructure Improvements
HSIP-33(118)	Intersection geometry Intersection geometrics - miscellaneous/other/unspecified	0.01 Miles	18000	20000	HSIP (Section 148)	Urban Principal Arterial - Other	17450	45	State Highway Agency	Intersections	Infrastructure Improvements
HSIP-33(120)	Intersection geometry Intersection geometrics - miscellaneous/other/unspecified	0.06 Miles	-33455.31	-37172.57	HSIP (Section 148)	Urban Principal Arterial - Other	35700	45	State Highway Agency	Intersections	Infrastructure Improvements
HSIP-33(122)	Roadway Roadway - restripe to revise separation between opposing lanes and/or shoulder widths	2.8 Miles	4500	5000	HSIP (Section 148)	Rural Minor Arterial	13530	45	State Highway Agency	Roadway Department	Infrastructure Improvements
HSIP-33(84)	Intersection geometry Intersection geometrics - miscellaneous/other/unspecified	0.02 Miles	-7113.24	-7903.6	HSIP (Section 148)	Urban Minor Arterial	17450	30	State Highway Agency	Intersections	Infrastructure Improvements

HSIP-336(11)	Intersection geometry Intersection geometrics - miscellaneous/other/unspecified	0.1 Miles	22513.36	25015.06	HSIP (Section 148)	Rural Major Collector	2020	45	State Highway Agency	Intersections	Infrastructure Improvements
HSIP-339(11)	Roadway Roadway - restripe to revise separation between opposing lanes and/or shoulder widths	13.94 Miles	-2542.67	-2542.67	HSIP (Section 148)	Rural Major Collector	1640	45	State Highway Agency	Roadway Departure	Infrastructure Improvements
HSIP-339(8)	Roadway Roadway - restripe to revise separation between opposing lanes and/or shoulder widths	5.74 Miles	369900	411000	HSIP (Section 148)	Rural Major Collector	2890	45	State Highway Agency	Roadway Departure	Infrastructure Improvements
HSIP-34(101)	Roadway Roadway - restripe to revise separation between opposing lanes and/or shoulder widths	2.73 Miles	13950	15500	HSIP (Section 148)	Urban Principal Arterial - Other	15350	55	State Highway Agency	Roadway Departure	Infrastructure Improvements
HSIP-34(106)	Intersection geometry Intersection geometrics - miscellaneous/other/unspecified	0.5 Miles	36000	40000	HSIP (Section 148)	Urban Principal Arterial - Other	27640	45	State Highway Agency	Intersections	Infrastructure Improvements
HSIP-34(93)	Roadway Roadway - restripe to revise separation between opposing lanes and/or shoulder widths	23.88 Miles	11700	13000	HSIP (Section 148)	Multi-Location	0	0	Multi-Location	Roadway Departure	Infrastructure Improvements
HSIP-34(98)	Roadway Roadway - restripe to revise separation between opposing lanes and/or shoulder widths	3.559 Miles	-6108.01	-6608.01	HSIP (Section 148)	Urban Minor Arterial	8000	40	State Highway Agency	Roadway Departure	Infrastructure Improvements

HSIP-34(99)	Intersection geometry Intersection geometrics - miscellaneous/other/uns pecified	0 Miles	-36000	-40000	HSIP (Section 148)	Rural Principal Arterial - Other	18920	55	State Highway Agency	Intersections	Infrastructure Improvements
HSIP-3400(10)	Roadway Roadway - restripe to revise separation between opposing lanes and/or shoulder widths	24.18 Miles	281000	281000	HSIP (Section 148)	Multi-Location	0	0	Multi-Location	Roadway Departure	Infrastructure Improvements
HSIP-343(10)	Intersection geometry Intersection geometrics - miscellaneous/other/uns pecified	0.01 Miles	36000	40000	HSIP (Section 148)	Urban Minor Arterial	15890	30	State Highway Agency	Intersections	Infrastructure Improvements
HSIP-344(8)	Roadway Roadway - restripe to revise separation between opposing lanes and/or shoulder widths	5 Miles	-21060.69	-23400.77	HSIP (Section 148)	Rural Major Collector	3450	45	State Highway Agency	Roadway Departure	Infrastructure Improvements
HSIP-35(42)	Roadway Roadway - restripe to revise separation between opposing lanes and/or shoulder widths	0.21 Miles	-24538.41	-27265.68	HSIP (Section 148)	Urban Principal Arterial - Other	10760	30	State Highway Agency	Roadway Departure	Infrastructure Improvements
HSIP-35(46)	Intersection geometry Intersection geometrics - miscellaneous/other/uns pecified	0.01 Miles	-55013.33	-61125.92	HSIP (Section 148)	Rural Minor Arterial	10460	55	State Highway Agency	Intersections	Infrastructure Improvements
HSIP-351(17)	Roadway Roadway - restripe to revise separation between opposing lanes and/or shoulder widths	6.82 Miles	1243.52	1243.52	HSIP (Section 148)	Rural Major Collector	3190	45	State Highway Agency	Roadway Departure	Infrastructure Improvements
HSIP-	Roadway Roadway -	4.16 Miles	2992.22	2992.22	HSIP	Rural	500	35	State	Roadway	Infrastructure

352(12)	restripe to revise separation between opposing lanes and/or shoulder widths	Miles			(Section 148)	Major Collector			Highway Agency	Departure	ure Improvements
HSIP-360(4)	Roadway Roadway - restripe to revise separation between opposing lanes and/or shoulder widths	22.12 Miles	100000	100000	HSIP (Section 148)	Rural Major Collector	510	40	State Highway Agency	Roadway Departure	Infrastructure Improvements
HSIP-3600(38)	Roadway Roadway - restripe to revise separation between opposing lanes and/or shoulder widths	6.53 Miles	36000	40000	HSIP (Section 148)	Rural Minor Collector	1080	45	County Highway Agency	Roadway Departure	Infrastructure Improvements
HSIP-365(10)	Roadway Roadway - restripe to revise separation between opposing lanes and/or shoulder widths	0.71 Miles	20676.7	20676.7	HSIP (Section 148)	Urban Major Collector	5340	25	State Highway Agency	Roadway Departure	Infrastructure Improvements
HSIP-3674(10)	Intersection geometry Intersection geometrics - miscellaneous/other/unspecified	0.01 Miles	29700	33000	HSIP (Section 148)	Urban Minor Arterial	2630	30	City of Municipal Highway Agency	Intersections	Infrastructure Improvements
HSIP-369(8)	Roadway Roadway - restripe to revise separation between opposing lanes and/or shoulder widths	1.1 Miles	9000	10000	HSIP (Section 148)	Urban Minor Arterial	5480	40	State Highway Agency	Roadway Departure	Infrastructure Improvements
HSIP-388(4)	Roadway Roadway - restripe to revise separation between opposing lanes and/or	6.91 Miles	-538.48	-538.48	HSIP (Section 148)	Rural Major Collector	1440	55	State Highway Agency	Roadway Departure	Infrastructure Improvements

	shoulder widths										
HSIP-39(11)	Roadway Roadway - restripe to revise separation between opposing lanes and/or shoulder widths	7.35 Miles	- 14089.83	- 14089.83	HSIP (Section 148)	Rural Major Collector	1050	45	State Highway Agency	Roadway Department	Infrastructure Improvements
HSIP-396(3)	Roadway Roadway - restripe to revise separation between opposing lanes and/or shoulder widths	0.75 Miles	- 48527.48	- 53920.2	HSIP (Section 148)	Urban Principal Arterial - Other Freeways and Expressways	23290	55	State Highway Agency	Roadway Department	Infrastructure Improvements
HSIP-40(35)	Roadway Roadway - restripe to revise separation between opposing lanes and/or shoulder widths	3.76 Miles	306291	306291	HSIP (Section 148)	Rural Principal Arterial - Other	3360	45	State Highway Agency	Roadway Department	Infrastructure Improvements
HSIP-417(11)	Intersection geometry Intersection geometrics - miscellaneous/other/unspecified	0.03 Miles	398700	443000	HSIP (Section 148)	Urban Minor Arterial	5430	45	State Highway Agency	Intersections	Infrastructure Improvements
HSIP-422(1)	Roadway Roadway - restripe to revise separation between opposing lanes and/or shoulder widths	2.38 Miles	1009.92	1009.92	HSIP (Section 148)	Rural Major Collector	900	30	State Highway Agency	Roadway Department	Infrastructure Improvements
HSIP-433(5)	Intersection geometry Intersection geometrics - miscellaneous/other/unspecified	0 Miles	7487.23	7487.23	HSIP (Section 148)	Urban Minor Arterial	3790	55	State Highway Agency	Intersections	Infrastructure Improvements

HSIP-438(5)	Roadway Roadway - restripe to revise separation between opposing lanes and/or shoulder widths	6 Miles	-12470	-12470	HSIP (Section 148)	Rural Major Collector	560	35	State Highway Agency	Roadway Department	Infrastructure Improvements
HSIP-4400(53)	Roadway Roadway - restripe to revise separation between opposing lanes and/or shoulder widths	16.65 Miles	475000	475000	HSIP (Section 148)	Multi-Location	0	0	Multi-Location	Roadway Department	Infrastructure Improvements
HSIP-45(28)	Intersection geometry Intersection geometrics - miscellaneous/other/unspecified	0.06 Miles	2000	5000	HSIP (Section 148)	Urban Principal Arterial - Other	46890	40	State Highway Agency	Intersections	Infrastructure Improvements
HSIP-455(7)	Roadway Roadway - restripe to revise separation between opposing lanes and/or shoulder widths	1.16 Miles	-8011.12	-8011.12	HSIP (Section 148)	Rural Major Collector	5560	30	State Highway Agency	Roadway Department	Infrastructure Improvements
HSIP-4553(10)	Roadway Roadway - restripe to revise separation between opposing lanes and/or shoulder widths	3.78 Miles	-17852.2	-19835.8	HSIP (Section 148)	Urban Minor Collector	1360	35	County Highway Agency	Roadway Department	Infrastructure Improvements
HSIP-46(23)	Roadway Roadway - restripe to revise separation between opposing lanes and/or shoulder widths	5.64 Miles	9000	10000	HSIP (Section 148)	Rural Minor Arterial	4520	40	State Highway Agency	Roadway Department	Infrastructure Improvements
HSIP-476(4)	Roadway Roadway - restripe to revise separation between opposing lanes and/or	5.52 Miles	-7172.11	-7172.11	HSIP (Section 148)	Rural Major Collector	1510	45	State Highway Agency	Roadway Department	Infrastructure Improvements

	shoulder widths										
HSIP-476(5)	Roadway Roadway - restripe to revise separation between opposing lanes and/or shoulder widths	6.3 Miles	- 10902.7	- 10902.7	HSIP (Section 148)	Rural Major Collector	1750	45	State Highway Agency	Roadway Department	Infrastructure Improvements
HSIP-48(53)	Roadway Roadway - restripe to revise separation between opposing lanes and/or shoulder widths	5.18 Miles	16349	16349	HSIP (Section 148)	Rural Minor Arterial	4870	55	State Highway Agency	Roadway Department	Infrastructure Improvements
HSIP-4833(10)	Roadway Roadway - restripe to revise separation between opposing lanes and/or shoulder widths	0.1 Miles	- 13514.39	- 14225.5	HSIP (Section 148)	Urban Major Collector	1160	25	City of Municipal Highway Agency	Roadway Department	Infrastructure Improvements
HSIP-49(37)	Roadway Roadway - restripe to revise separation between opposing lanes and/or shoulder widths	4.26 Miles	9000	10000	HSIP (Section 148)	Rural Minor Arterial	3010	30	State Highway Agency	Roadway Department	Infrastructure Improvements
HSIP-49(39)	Roadway Roadway - restripe to revise separation between opposing lanes and/or shoulder widths	5.99 Miles	8998.5	8998.5	HSIP (Section 148)	Multi-Location	0	0	Multi-Location	Roadway Department	Infrastructure Improvements
HSIP-49(40)	Roadway Roadway - restripe to revise separation between opposing lanes and/or shoulder widths	4.24 Miles	15334	14834	HSIP (Section 148)	Rural Minor Arterial	5480	55	State Highway Agency	Roadway Department	Infrastructure Improvements
HSIP-4900(63)	Roadway Roadway - restripe to revise	8.04 Miles	36000	40000	HSIP (Section 148)	Rural Minor	680	0	County Highway	Roadway Department	Infrastructure

	separation between opposing lanes and/or shoulder widths				n 148)	Collector			Agency	e	Improvements
HSIP-4914(10)	Roadway Roadway - restripe to revise separation between opposing lanes and/or shoulder widths	0.38 Miles	- 22249.31	- 24721.45	HSIP (Section 148)	Urban Minor Arterial	6320	30	City of Municipal Highway Agency	Roadway Department	Infrastructure Improvements
HSIP-5(105)	Intersection geometry Intersection geometrics - miscellaneous/other/unspecified	0.08 Miles	36000	40000	HSIP (Section 148)	Rural Principal Arterial - Other	9450	45	State Highway Agency	Intersections	Infrastructure Improvements
HSIP-50(50)	Roadway Roadway - restripe to revise separation between opposing lanes and/or shoulder widths	0.11 Miles	182700	203000	HSIP (Section 148)	Rural Minor Arterial	3490	45	State Highway Agency	Roadway Department	Infrastructure Improvements
HSIP-51(6)	Roadway Roadway - restripe to revise separation between opposing lanes and/or shoulder widths	1.94 Miles	4565.13	4565.13	HSIP (Section 148)	Rural Major Collector	1390	45	State Highway Agency	Roadway Department	Infrastructure Improvements
HSIP-52(74)	Roadway Roadway - restripe to revise separation between opposing lanes and/or shoulder widths	5.43 Miles	- 5909.88	- 5909.88	HSIP (Section 148)	Rural Minor Arterial	3560	55	State Highway Agency	Roadway Department	Infrastructure Improvements
HSIP-52(78)	Intersection geometry Intersection geometrics - miscellaneous/other/unspecified	0.01 Miles	36000	40000	HSIP (Section 148)	Rural Principal Arterial - Other	16350	35	State Highway Agency	Intersections	Infrastructure Improvements
HSIP-52(80)	Roadway Roadway - restripe to revise	4.69 Miles	93000	93000	HSIP (Section 148)	Rural Principal	2140	55	State Highway Agency	Roadway Department	Infrastructure

	separation between opposing lanes and/or shoulder widths				n 148)	Arterial - Other			Agency	e	Improvem ents
HSIP-5200(28)	Roadway Roadway - restripe to revise separation between opposing lanes and/or shoulder widths	23.953 Miles	249430	249700	HSIP (Section 148)	Multi-Location	0	0	Multi-Location	Roadway Departur e	Infrastruct ure Improvem ents
HSIP-53(49)	Roadway Roadway - restripe to revise separation between opposing lanes and/or shoulder widths	6.86 Miles	94500	95000	HSIP (Section 148)	Rural Minor Arterial	600	55	State Highway Agency	Roadway Departur e	Infrastruct ure Improvem ents
HSIP-54(38)	Roadway Roadway - restripe to revise separation between opposing lanes and/or shoulder widths	10.91 Miles	176448	174448	HSIP (Section 148)	Rural Principal Arterial - Other	5880	55	State Highway Agency	Roadway Departur e	Infrastruct ure Improvem ents
HSIP-5400(38)	Roadway Roadway - restripe to revise separation between opposing lanes and/or shoulder widths	5.55 Miles	-9000	-10000	HSIP (Section 148)	Rural Local Road or Street	0	0	County Highway Agency	Roadway Departur e	Infrastruct ure Improvem ents
HSIP-56(65)	Roadway Roadway - restripe to revise separation between opposing lanes and/or shoulder widths	6.11 Miles	-9098.27	-9098.27	HSIP (Section 148)	Rural Minor Arterial	3160	55	State Highway Agency	Roadway Departur e	Infrastruct ure Improvem ents
HSIP-56(69)	Roadway Roadway - restripe to revise separation between opposing lanes and/or shoulder widths	10.22 Miles	-23932.6	-23932.6	HSIP (Section 148)	Rural Major Collector	660	55	State Highway Agency	Roadway Departur e	Infrastruct ure Improvem ents

HSIP-56(75)	Roadway Roadway - restripe to revise separation between opposing lanes and/or shoulder widths	4.21 Miles	-9000	-10000	HSIP (Section 148)	Rural Minor Arterial	3490	45	State Highway Agency	Roadway Department	Infrastructure Improvements
HSIP-56(80)	Roadway Roadway - restripe to revise separation between opposing lanes and/or shoulder widths	10.58 Miles	128321	128321	HSIP (Section 148)	Rural Minor Arterial	770	45	State Highway Agency	Roadway Department	Infrastructure Improvements
HSIP-57(65)	Roadway Roadway - restripe to revise separation between opposing lanes and/or shoulder widths	0.93 Miles	-36000	-40000	HSIP (Section 148)	Urban Principal Arterial - Other	46080	40	State Highway Agency	Roadway Department	Infrastructure Improvements
HSIP-5700(67)	Roadway Roadway - restripe to revise separation between opposing lanes and/or shoulder widths	23.446 Miles	4500	5000	HSIP (Section 148)	Multi-Location	0	0	Multi-Location	Roadway Department	Infrastructure Improvements
HSIP-58(37)	Roadway Roadway - restripe to revise separation between opposing lanes and/or shoulder widths	4.52 Miles	-23154.6	-23154.6	HSIP (Section 148)	Rural Minor Arterial	1330	55	State Highway Agency	Roadway Department	Infrastructure Improvements
HSIP-58(45)	Intersection geometry Intersection geometrics - miscellaneous/other/unspecified	0.52 Miles	4500	5000	HSIP (Section 148)	Urban Principal Arterial - Other	14320	55	State Highway Agency	Intersections	Infrastructure Improvements
HSIP-6(103)	Roadway Roadway - restripe to revise separation between opposing lanes and/or	2.16 Miles	14026.06	15584.18	HSIP (Section 148)	Urban Principal Arterial - Other	20410	35	State Highway Agency	Roadway Department	Infrastructure Improvements

	shoulder widths										
HSIP-60(20)	Roadway Roadway - restripe to revise separation between opposing lanes and/or shoulder widths	2.27 Miles	-13248.58	-13248.58	HSIP (Section 148)	Urban Principal Arterial - Other	13200	45	State Highway Agency	Roadway Department	Infrastructure Improvements
HSIP-60(29)	Intersection geometry Intersection geometrics - miscellaneous/other/unspecified	0 Miles	-27667.18	-30741.3	HSIP (Section 148)	Urban Principal Arterial - Other	13200	45	State Highway Agency	Intersections	Infrastructure Improvements
HSIP-61(30)	Roadway Roadway - restripe to revise separation between opposing lanes and/or shoulder widths	5.62 Miles	2314.57	2314.57	HSIP (Section 148)	Rural Major Collector	2030	55	State Highway Agency	Roadway Department	Infrastructure Improvements
HSIP-61(40)	Roadway Roadway - restripe to revise separation between opposing lanes and/or shoulder widths	5.4 Miles	57500	57500	HSIP (Section 148)	Rural Major Collector	930	45	State Highway Agency	Roadway Department	Infrastructure Improvements
HSIP-62(29)	Roadway Roadway - restripe to revise separation between opposing lanes and/or shoulder widths	1.77 Miles	-2679.84	-2977.83	HSIP (Section 148)	Rural Minor Arterial	3170	55	State Highway Agency	Roadway Department	Infrastructure Improvements
HSIP-62(32)	Roadway Roadway - restripe to revise separation between opposing lanes and/or shoulder widths	6.9 Miles	-326.45	-326.45	HSIP (Section 148)	Rural Minor Arterial	570	55	State Highway Agency	Roadway Department	Infrastructure Improvements
HSIP-62(39)	Roadway Roadway - restripe to revise separation between	4.7 Miles	-36000	-40000	HSIP (Section 148)	Rural Minor Arterial	8480	55	State Highway Agency	Roadway Department	Infrastructure Improvements

	opposing lanes and/or shoulder widths										ents
HSIP-62(41)	Intersection geometry Intersection geometrics - miscellaneous/other/unspecified	1 Miles	37800	42000	HSIP (Section 148)	Urban Principal Arterial - Other	49710	45	State Highway Agency	Intersections	Infrastructure Improvements
HSIP-62(42)	Roadway Roadway - restripe to revise separation between opposing lanes and/or shoulder widths	12.09 Miles	37900	37900	HSIP (Section 148)	Multi-Location	0	0	Multi-Location	Roadway Department	Infrastructure Improvements
HSIP-6300(22)	Roadway Roadway - restripe to revise separation between opposing lanes and/or shoulder widths	14.898 Miles	13500	15000	HSIP (Section 148)	Multi-Location	0	0	Multi-Location	Roadway Department	Infrastructure Improvements
HSIP-64(16)	Roadway Roadway - restripe to revise separation between opposing lanes and/or shoulder widths	6.36 Miles	-20574.33	-20574.33	HSIP (Section 148)	Rural Minor Arterial	3470	0	State Highway Agency	Roadway Department	Infrastructure Improvements
HSIP-64(17)	Roadway Roadway - restripe to revise separation between opposing lanes and/or shoulder widths	2.86 Miles	-22478.33	-22478.33	HSIP (Section 148)	Rural Major Collector	350	0	State Highway Agency	Roadway Department	Infrastructure Improvements
HSIP-65(18)	Roadway Roadway - restripe to revise separation between opposing lanes and/or shoulder widths	5 Miles	36000	40000	HSIP (Section 148)	Rural Minor Arterial	10270	50	State Highway Agency	Roadway Department	Infrastructure Improvements
HSIP-66(49)	Roadway Roadway - restripe to revise	8.16 Miles	38790	43100	HSIP (Section 148)	Rural Major	1750	30	State Highway Agency	Roadway Department	Infrastructure

	separation between opposing lanes and/or shoulder widths				n 148)	Collector			Agency	e	Improvem ents
HSIP-67(32)	Intersection geometry Intersection geometrics - miscellaneous/other/uns pecified	0.5 Miles	378900	421000	HSIP (Sectio n 148)	Rural Minor Arterial	5640	55	State Highway Agency	Intersecti ons	Infrastruct ure Improvem ents
HSIP-68(31)	Roadway Roadway - restripe to revise separation between opposing lanes and/or shoulder widths	5.11 Miles	- 9492.14	- 9492.14	HSIP (Sectio n 148)	Multi- Location	0	0	Multi- Location	Roadway Departur e	Infrastruct ure Improvem ents
HSIP-68(32)	Intersection geometry Intersection geometrics - miscellaneous/other/uns pecified	0.01 Miles	- 94918.9	- 101409. 16	HSIP (Sectio n 148)	Urban Minor Arterial	1135 0	35	State Highway Agency	Intersecti ons	Infrastruct ure Improvem ents
HSIP-7(30)	Roadway Roadway - restripe to revise separation between opposing lanes and/or shoulder widths	0.9 Miles	58500	65000	HSIP (Sectio n 148)	Rural Major Collector	6750	55	State Highway Agency	Roadway Departur e	Infrastruct ure Improvem ents
HSIP-70(20)	Roadway Roadway - restripe to revise separation between opposing lanes and/or shoulder widths	4.29 Miles	16000	16000	HSIP (Sectio n 148)	Rural Minor Arterial	180	45	State Highway Agency	Roadway Departur e	Infrastruct ure Improvem ents
HSIP-700(34)	Roadway Roadway - restripe to revise separation between opposing lanes and/or shoulder widths	43.21 5 Miles	- 36302.5 4	- 37176.2 9	HSIP (Sectio n 148)	Multi- Location	0	0	Multi- Location	Roadway Departur e	Infrastruct ure Improvem ents
HSIP-71(30)	Roadway Roadway - restripe to revise	4.71 Miles	4500	5000	HSIP (Sectio	Rural Principal	4355 0	25	State Highway	Roadway Departur	Infrastruct ure

	separation between opposing lanes and/or shoulder widths				n 148)	Arterial - Other			Agency	e	Improvements
HSIP-72(13)	Roadway Roadway - restripe to revise separation between opposing lanes and/or shoulder widths	7.62 Miles	-16974.09	-16974.09	HSIP (Section 148)	Rural Minor Arterial	1720	45	State Highway Agency	Roadway Department	Infrastructure Improvements
HSIP-72(15)	Roadway Roadway - restripe to revise separation between opposing lanes and/or shoulder widths	4.91 Miles	18000	20000	HSIP (Section 148)	Urban Minor Arterial	1720	45	State Highway Agency	Roadway Department	Infrastructure Improvements
HSIP-73(65)	Roadway Roadway - restripe to revise separation between opposing lanes and/or shoulder widths	2.78 Miles	42525	47250	HSIP (Section 148)	Rural Minor Arterial	10430	35	State Highway Agency	Roadway Department	Infrastructure Improvements
HSIP-74(9)	Roadway Roadway - restripe to revise separation between opposing lanes and/or shoulder widths	11.74 Miles	-3459.31	-3459.31	HSIP (Section 148)	Urban Major Collector	6650	45	State Highway Agency	Roadway Department	Infrastructure Improvements
HSIP-75(14)	Roadway Roadway - restripe to revise separation between opposing lanes and/or shoulder widths	3.45 Miles	-8135.51	-9039.46	HSIP (Section 148)	Rural Major Collector	1850	40	State Highway Agency	Roadway Department	Infrastructure Improvements
HSIP-75(16)	Roadway Roadway - restripe to revise separation between opposing lanes and/or shoulder widths	13.05 Miles	-14900	-14900	HSIP (Section 148)	Rural Major Collector	5310	45	State Highway Agency	Roadway Department	Infrastructure Improvements

HSIP-7500(28)	Roadway Roadway - restripe to revise separation between opposing lanes and/or shoulder widths	18.53 3 Miles	13500	15000	HSIP (Section 148)	Multi-Location	0	0	Multi-Location	Roadway Department	Infrastructure Improvements
HSIP-76(60)	Roadway Roadway - restripe to revise separation between opposing lanes and/or shoulder widths	2.94 Miles	- 2576.44	- 2576.44	HSIP (Section 148)	Rural Minor Arterial	4260	30	State Highway Agency	Roadway Department	Infrastructure Improvements
HSIP-76(96)	Intersection geometry Intersection geometrics - miscellaneous/other/unspecified	0.1 Miles	165600	184000	HSIP (Section 148)	Urban Principal Arterial - Other	17220	50	State Highway Agency	Intersections	Infrastructure Improvements
HSIP-76(97)	Intersection geometry Intersection geometrics - miscellaneous/other/unspecified	0.01 Miles	9000	10000	HSIP (Section 148)	Rural Principal Arterial - Other	9220	45	State Highway Agency	Intersections	Infrastructure Improvements
HSIP-77(45)	Roadway Roadway - restripe to revise separation between opposing lanes and/or shoulder widths	9 Miles	187000	187000	HSIP (Section 148)	Rural Major Collector	1360	40	State Highway Agency	Roadway Department	Infrastructure Improvements
HSIP-7900(53)	Roadway Roadway - restripe to revise separation between opposing lanes and/or shoulder widths	7.378 Miles	21600	24000	HSIP (Section 148)	Multi-Location	0	0	Multi-Location	Roadway Department	Infrastructure Improvements
HSIP-8300(78)	Roadway Roadway - restripe to revise separation between opposing lanes and/or shoulder widths	20.41 2 Miles	18000	20000	HSIP (Section 148)	Multi-Location	0	0	Multi-Location	Roadway Department	Infrastructure Improvements

HSIP-839(10)	Roadway Roadway - restripe to revise separation between opposing lanes and/or shoulder widths	15.87 Miles	- 2966.31	- 3176.26	HSIP (Section 148)	Multi-Location	0	0	Multi-Location	Roadway Department	Infrastructure Improvements
HSIP-84(7)	Roadway Roadway - restripe to revise separation between opposing lanes and/or shoulder widths	3.63 Miles	- 7444.28	- 7444.28	HSIP (Section 148)	Rural Minor Arterial	2280	55	State Highway Agency	Roadway Department	Infrastructure Improvements
HSIP-85(19)	Roadway Roadway - restripe to revise separation between opposing lanes and/or shoulder widths	3.55 Miles	- 4900.39	- 4900.39	HSIP (Section 148)	Rural Minor Arterial	1060	45	State Highway Agency	Roadway Department	Infrastructure Improvements
HSIP-85(20)	Roadway Roadway - restripe to revise separation between opposing lanes and/or shoulder widths	4.37 Miles	-556.2	-618.04	HSIP (Section 148)	Rural Major Collector	140	55	State Highway Agency	Roadway Department	Infrastructure Improvements
HSIP-85(23)	Roadway Roadway - restripe to revise separation between opposing lanes and/or shoulder widths	0.57 Miles	33500	34000	HSIP (Section 148)	Rural Minor Arterial	6500	45	State Highway Agency	Roadway Department	Infrastructure Improvements
HSIP-85(25)	Roadway Roadway - restripe to revise separation between opposing lanes and/or shoulder widths	5.63 Miles	122000	122000	HSIP (Section 148)	Rural Minor Arterial	770	45	State Highway Agency	Roadway Department	Infrastructure Improvements
HSIP-9000(48)	Roadway Roadway - restripe to revise separation between	1.99 Miles	36000	40000	HSIP (Section 148)	Urban Minor Collector	0	0	City of Municipal	Roadway Department	Infrastructure Improvem

	opposing lanes and/or shoulder widths								Highway Agency		ents
HSIP-904(10)	Roadway Roadway - restripe to revise separation between opposing lanes and/or shoulder widths	2.3 Miles	110	-3090	HSIP (Section 148)	Rural Minor Collector	940	0	County Highway Agency	Roadway Department	Infrastructure Improvements
HSIP-904(11)	Roadway Roadway - restripe to revise separation between opposing lanes and/or shoulder widths	5.33 Miles	65194	63394	HSIP (Section 148)	Urban Minor Collector	1280	0	County Highway Agency	Roadway Department	Infrastructure Improvements
HSIP-91(38)	Roadway Roadway - restripe to revise separation between opposing lanes and/or shoulder widths	7.8 Miles	-13333.8	-15193.44	HSIP (Section 148)	Rural Major Collector	2910	45	State Highway Agency	Roadway Department	Infrastructure Improvements
HSIP-92(21)	Roadway Roadway - restripe to revise separation between opposing lanes and/or shoulder widths	9.14 Miles	52500	52500	HSIP (Section 148)	Rural Minor Arterial	2920	40	State Highway Agency	Roadway Department	Infrastructure Improvements
HSIP-93(19)	Roadway Roadway - restripe to revise separation between opposing lanes and/or shoulder widths	10.14 Miles	27400	27400	HSIP (Section 148)	Rural Minor Arterial	1500	50	State Highway Agency	Roadway Department	Infrastructure Improvements
HSIP-930(11)	Roadway Roadway - restripe to revise separation between opposing lanes and/or shoulder widths	4.97 Miles	142700	147000	HSIP (Section 148)	Rural Minor Collector	1000	45	County Highway Agency	Roadway Department	Infrastructure Improvements
HSIP-	Roadway Roadway -	4.97 Miles	4500	5000	HSIP	Rural	1000	45	County	Roadway	Infrastructure

930(12)	restripe to revise separation between opposing lanes and/or shoulder widths	Miles			(Section 148)	Minor Collector			Highway Agency	Departure	ure Improvements
HSIP-9400(59)	Roadway Roadway - restripe to revise separation between opposing lanes and/or shoulder widths	19.487 Miles	13500	15000	HSIP (Section 148)	Multi-Location	0	0	Multi-Location	Roadway Departure	Infrastructure Improvements
HSIP-95(12)	Roadway Roadway - restripe to revise separation between opposing lanes and/or shoulder widths	4.42 Miles	-22377.16	-24863.51	HSIP (Section 148)	Rural Major Collector	1030	30	State Highway Agency	Roadway Departure	Infrastructure Improvements
HSIP-9500(17)	Roadway Roadway - restripe to revise separation between opposing lanes and/or shoulder widths	17.592 Miles	7200	8000	HSIP (Section 148)	Multi-Location	0	0	Multi-Location	Roadway Departure	Infrastructure Improvements
HSIP-958(10)	Roadway Roadway - restripe to revise separation between opposing lanes and/or shoulder widths	12.71 Miles	-12752.83	-12726.48	HSIP (Section 148)	Rural Minor Collector	2010	35	City of Municipal Highway Agency	Roadway Departure	Infrastructure Improvements
HSIP-96(34)	Roadway Roadway - restripe to revise separation between opposing lanes and/or shoulder widths	2.97 Miles	-29269.99	-29269.99	HSIP (Section 148)	Rural Major Collector	690	45	State Highway Agency	Roadway Departure	Infrastructure Improvements
HSIP-96(45)	Roadway Roadway - restripe to revise separation between opposing lanes and/or	1.23 Miles	36000	40000	HSIP (Section 148)	Rural Minor Arterial	13850	55	State Highway Agency	Roadway Departure	Infrastructure Improvements

	shoulder widths										
HSIP-98(8)	Roadway Roadway - restripe to revise separation between opposing lanes and/or shoulder widths	1.67 Miles	42000	42000	HSIP (Section 148)	Rural Major Collector	2050	45	State Highway Agency	Roadway Department	Infrastructure Improvements
HSIP-987(10)	Roadway Roadway - restripe to revise separation between opposing lanes and/or shoulder widths	6.28 Miles	-3605.11	-3843.59	HSIP (Section 148)	Rural Minor Collector	360	0	County Highway Agency	Roadway Department	Infrastructure Improvements
HSIP-990(2)	Roadway Roadway - restripe to revise separation between opposing lanes and/or shoulder widths	5.08 Miles	9000	10000	HSIP (Section 148)	Multi-Location	0	0	Multi-Location	Roadway Department	Infrastructure Improvements
HSIP-9900(58)	Roadway Roadway - restripe to revise separation between opposing lanes and/or shoulder widths	2.297 Miles	-91170	-91472.87	HSIP (Section 148)	Multi-Location	0	0	Multi-Location	Roadway Department	Infrastructure Improvements
HSIP-I-24-1(109)	Roadway Roadway - restripe to revise separation between opposing lanes and/or shoulder widths	0.25 Miles	45000	50000	HSIP (Section 148)	Urban Principal Arterial - Interstate	151070	70	State Highway Agency	Roadway Department	Infrastructure Improvements
HSIP-I-24-1(112)	Roadway Roadway - restripe to revise separation between opposing lanes and/or shoulder widths	0.53 Miles	4500	5000	HSIP (Section 148)	Urban Principal Arterial - Interstate	111740	70	State Highway Agency	Roadway Department	Infrastructure Improvements
HSIP-I-24-3(93)	Roadway Roadway - restripe to revise	0.34 Miles	4500	5000	HSIP (Section 148)	Urban Principal	68260	55	State Highway Agency	Roadway Department	Infrastructure

	separation between opposing lanes and/or shoulder widths				n 148)	Arterial - Interstate			Agency	e	Improvements
HSIP-I-24-3(94)	Roadway Roadway - restripe to revise separation between opposing lanes and/or shoulder widths	0.55 Miles	36000	40000	HSIP (Section 148)	Urban Principal Arterial - Interstate	127920	55	State Highway Agency	Roadway Department	Infrastructure Improvements
HSIP-I-40-3(157)	Intersection geometry Intersection geometrics - miscellaneous/other/unspecified	0.2 Miles	49500	55000	HSIP (Section 148)	Urban Principal Arterial - Interstate	47170	70	State Highway Agency	Intersections	Infrastructure Improvements
HSIP-I-40-3(161)	Roadway Roadway - restripe to revise separation between opposing lanes and/or shoulder widths	0.5 Miles	36000	40000	HSIP (Section 148)	Urban Principal Arterial - Interstate	65580	70	State Highway Agency	Roadway Department	Infrastructure Improvements
HSIP-I-40-4(82)	Roadway Roadway - restripe to revise separation between opposing lanes and/or shoulder widths	0.01 Miles	567000	630000	HSIP (Section 148)	Urban Principal Arterial - Interstate	132580	55	State Highway Agency	Roadway Department	Infrastructure Improvements
HSIP-I-40-8(168)	Intersection geometry Intersection geometrics - miscellaneous/other/unspecified	1.46 Miles	36000	40000	HSIP (Section 148)	Multi-Location	0	0	Multi-Location	Intersections	Infrastructure Improvements
HSIP-I-440-4(80)	Roadway Roadway - restripe to revise separation between opposing lanes and/or shoulder widths	0.2 Miles	22500	25000	HSIP (Section 148)	Urban Principal Arterial - Interstate	81720	55	State Highway Agency	Roadway Department	Infrastructure Improvements
HSIP-I-440-4(81)	Roadway Roadway - restripe to revise	0.39 Miles	40500	45000	HSIP (Section 148)	Urban Principal	97810	55	State Highway	Roadway Department	Infrastructure

	separation between opposing lanes and/or shoulder widths				n 148)	Arterial - Interstate			Agency	e	Improvements
HSIP-I-55-1(131)	Roadway Roadway - restripe to revise separation between opposing lanes and/or shoulder widths	0.64 Miles	- 26320.71	- 29245.23	HSIP (Section 148)	Urban Principal Arterial - Interstate	62220	55	State Highway Agency	Roadway Department	Infrastructure Improvements
HSIP-I-65-2(102)	Roadway Roadway - restripe to revise separation between opposing lanes and/or shoulder widths	0.6 Miles	135000	150000	HSIP (Section 148)	Urban Principal Arterial - Interstate	160260	70	State Highway Agency	Roadway Department	Infrastructure Improvements
HSIP-I-65-3(123)	Roadway Roadway - restripe to revise separation between opposing lanes and/or shoulder widths	4 Miles	- 22741.69	- 25268.54	HSIP (Section 148)	Rural Principal Arterial - Interstate	45430	70	State Highway Agency	Roadway Department	Infrastructure Improvements
HSIP-I-75-1(141)	Roadway Roadway - restripe to revise separation between opposing lanes and/or shoulder widths	0.49 Miles	36000	40000	HSIP (Section 148)	Urban Principal Arterial - Interstate	62110	65	State Highway Agency	Roadway Department	Infrastructure Improvements
HSIP-I-75-3(157)	Roadway Roadway - restripe to revise separation between opposing lanes and/or shoulder widths	0.01 Miles	-326290	-364900	HSIP (Section 148)	Urban Principal Arterial - Interstate	77360	55	State Highway Agency	Roadway Department	Infrastructure Improvements
HSIP-I-81-1(125)	Intersection geometry Intersection geometrics - miscellaneous/other/unspecified	0 Miles	1018800	1132000	HSIP (Section 148)	Urban Principal Arterial - Interstate	30430	65	State Highway Agency	Intersections	Infrastructure Improvements
HSIP-IE-	Roadway Roadway -	0.1 Miles	-	-	HSIP	Rural	3732	55	State	Roadway	Infrastructure

24-2(135)	restripe to revise separation between opposing lanes and/or shoulder widths	Miles	23521.22	26134.69	(Section 148)	Principal Arterial - Interstate	0		Highway Agency	Departure	ure Improvements
HSIP-NHE-15(170)	Roadway Roadway - restripe to revise separation between opposing lanes and/or shoulder widths	9.24 Miles	9018.42	9018.42	HSIP (Section 148)	Rural Principal Arterial - Other	6360	45	State Highway Agency	Roadway Departure	Infrastructure Improvements
HSIP-NHE-45(24)	Roadway Roadway - restripe to revise separation between opposing lanes and/or shoulder widths	0.48 Miles	-1082.61	-1082.61	HSIP (Section 148)	Urban Principal Arterial - Other	46890	40	State Highway Agency	Roadway Departure	Infrastructure Improvements
HSIP-REG2(100)	Roadway Roadway - restripe to revise separation between opposing lanes and/or shoulder widths	68 Miles	-112900	-114000	HSIP (Section 148)	Multi-Location	0	0	Multi-Location	Roadway Departure	Infrastructure Improvements
HSIP-REG2(132)	Roadway Roadway - restripe to revise separation between opposing lanes and/or shoulder widths	187.8 Miles	97500	105000	HSIP (Section 148)	Multi-Location	0	0	Multi-Location	Roadway Departure	Infrastructure Improvements
HSIP-REG2(159)	Roadway Roadway - restripe to revise separation between opposing lanes and/or shoulder widths	126.19 Miles	81000	90000	HSIP (Section 148)	Multi-Location	0	0	Multi-Location	Roadway Departure	Infrastructure Improvements
HSIP-REG4(109)	Roadway Roadway - restripe to revise separation between opposing lanes and/or	5.14 Miles	-100915.81	-112128.68	HSIP (Section 148)	Multi-Location	0	0	Multi-Location	Roadway Departure	Infrastructure Improvements

	shoulder widths										
HSIP-REG4(129)	Roadway Roadway - restripe to revise separation between opposing lanes and/or shoulder widths	59.25 Miles	4500	5000	HSIP (Section 148)	Multi-Location	0	0	Multi-Location	Roadway Department	Infrastructure Improvements
HSIP-REG4(150)	Roadway Roadway - restripe to revise separation between opposing lanes and/or shoulder widths	131.01 Miles	9000	10000	HSIP (Section 148)	Multi-Location	0	0	Multi-Location	Roadway Department	Infrastructure Improvements
NH/HSIP-1(308)	Roadway Roadway - restripe to revise separation between opposing lanes and/or shoulder widths	3.14 Miles	-6000	-6000	HSIP (Section 148)	Urban Principal Arterial - Other	30630	45	State Highway Agency	Roadway Department	Infrastructure Improvements
NH/HSIP-1(313)	Roadway Roadway - restripe to revise separation between opposing lanes and/or shoulder widths	8.36 Miles	-5131.9	-5131.9	HSIP (Section 148)	Rural Principal Arterial - Other	12590	65	State Highway Agency	Roadway Department	Infrastructure Improvements
NH/HSIP-1(320)	Roadway Roadway - restripe to revise separation between opposing lanes and/or shoulder widths	7.21 Miles	-28492.34	-28492.34	HSIP (Section 148)	Urban Principal Arterial - Other	11250	55	State Highway Agency	Roadway Department	Infrastructure Improvements
NH/HSIP-1(358)	Roadway Roadway - restripe to revise separation between opposing lanes and/or shoulder widths	2.73 Miles	61846	61846	HSIP (Section 148)	Urban Principal Arterial - Other	14250	55	State Highway Agency	Roadway Department	Infrastructure Improvements
NH/HSIP-1(360)	Roadway Roadway - restripe to revise	3.486 Miles	46896	52107	HSIP (Section 148)	Urban Principal	13990	35	State Highway Agency	Roadway Department	Infrastructure

	separation between opposing lanes and/or shoulder widths				n 148)	Arterial - Other			Agency	e	Improvem ents
NH/HSIP-10(57)	Roadway Roadway - restripe to revise separation between opposing lanes and/or shoulder widths	3.44 Miles	-77.99	-86.43	HSIP (Section 148)	Urban Principal Arterial - Other	23980	45	State Highway Agency	Roadway Departur e	Infrastruct ure Improvem ents
NH/HSIP-10(64)	Roadway Roadway - restripe to revise separation between opposing lanes and/or shoulder widths	1.75 Miles	-685.79	-761.55	HSIP (Section 148)	Urban Principal Arterial - Other	17970	30	State Highway Agency	Roadway Departur e	Infrastruct ure Improvem ents
NH/HSIP-109(34)	Roadway Roadway - restripe to revise separation between opposing lanes and/or shoulder widths	7.17 Miles	13400.92	13400.92	HSIP (Section 148)	Urban Principal Arterial - Other	22370	45	State Highway Agency	Roadway Departur e	Infrastruct ure Improvem ents
NH/HSIP-11(83)	Roadway Roadway - restripe to revise separation between opposing lanes and/or shoulder widths	3.84 Miles	425777	473086	HSIP (Section 148)	Urban Principal Arterial - Other	23180	40	State Highway Agency	Roadway Departur e	Infrastruct ure Improvem ents
NH/HSIP-111(90)	Roadway Roadway - restripe to revise separation between opposing lanes and/or shoulder widths	3.1 Miles	-2621.15	-2911.61	HSIP (Section 148)	Rural Principal Arterial - Other	4620	55	State Highway Agency	Roadway Departur e	Infrastruct ure Improvem ents
NH/HSIP-111(99)	Roadway Roadway - restripe to revise separation between opposing lanes and/or shoulder widths	3.27 Miles	108016	108016	HSIP (Section 148)	Multi-Location	0	0	Multi-Location	Roadway Departur e	Infrastruct ure Improvem ents

NH/HSIP-115(46)	Roadway Roadway - restripe to revise separation between opposing lanes and/or shoulder widths	4.91 Miles	45658.89	45658.89	HSIP (Section 148)	Multi-Location	0	0	Multi-Location	Roadway Department	Infrastructure Improvements
NH/HSIP-13(64)	Roadway Roadway - restripe to revise separation between opposing lanes and/or shoulder widths	2.23 Miles	25361.19	25361.19	HSIP (Section 148)	Urban Principal Arterial - Other	33810	45	State Highway Agency	Roadway Department	Infrastructure Improvements
NH/HSIP-15(191)	Roadway Roadway - restripe to revise separation between opposing lanes and/or shoulder widths	4.53 Miles	139074	139074	HSIP (Section 148)	Urban Principal Arterial - Other	7140	55	State Highway Agency	Roadway Department	Infrastructure Improvements
NH/HSIP-15(193)	Roadway Roadway - restripe to revise separation between opposing lanes and/or shoulder widths	3.38 Miles	150966	167740	HSIP (Section 148)	Urban Principal Arterial - Other	0	45	State Highway Agency	Roadway Department	Infrastructure Improvements
NH/HSIP-15(195)	Roadway Roadway - restripe to revise separation between opposing lanes and/or shoulder widths	3.27 Miles	215175	239083	HSIP (Section 148)	Rural Principal Arterial - Other	7880	30	State Highway Agency	Roadway Department	Infrastructure Improvements
NH/HSIP-155(26)	Roadway Roadway - restripe to revise separation between opposing lanes and/or shoulder widths	3.02 Miles	51636	51636	HSIP (Section 148)	Urban Minor Arterial	51380	45	State Highway Agency	Roadway Department	Infrastructure Improvements
NH/HSIP-158(10)	Roadway Roadway - restripe to revise separation between	9.085 Miles	103900	103900	HSIP (Section 148)	Multi-Location	0	0	Multi-Location	Roadway Department	Infrastructure Improvem

	opposing lanes and/or shoulder widths										ents
NH/HSIP-166(12)	Roadway Roadway - restripe to revise separation between opposing lanes and/or shoulder widths	0.01 Miles	6637950	7375500	HSIP (Section 148)	Urban Minor Arterial	3000	25	State Highway Agency	Roadway Department	Infrastructure Improvements
NH/HSIP-186(17)	Roadway Roadway - restripe to revise separation between opposing lanes and/or shoulder widths	1.35 Miles	201603	201603	HSIP (Section 148)	Urban Principal Arterial - Other	46650	45	State Highway Agency	Roadway Department	Infrastructure Improvements
NH/HSIP-2(248)	Roadway Roadway - restripe to revise separation between opposing lanes and/or shoulder widths	2.07 Miles	120000	120000	HSIP (Section 148)	Urban Principal Arterial - Other	22530	45	State Highway Agency	Roadway Department	Infrastructure Improvements
NH/HSIP-20(63)	Roadway Roadway - restripe to revise separation between opposing lanes and/or shoulder widths	6.13 Miles	51041	51041	HSIP (Section 148)	Rural Principal Arterial - Other	2890	55	State Highway Agency	Roadway Department	Infrastructure Improvements
NH/HSIP-20(64)	Roadway Roadway - restripe to revise separation between opposing lanes and/or shoulder widths	1.92 Miles	101311	101311	HSIP (Section 148)	Rural Principal Arterial - Other	4350	55	State Highway Agency	Roadway Department	Infrastructure Improvements
NH/HSIP-20(65)	Roadway Roadway - restripe to revise separation between opposing lanes and/or shoulder widths	6.1 Miles	37481	37481	HSIP (Section 148)	Rural Principal Arterial - Other	2140	55	State Highway Agency	Roadway Department	Infrastructure Improvements
NH/HSIP-	Roadway Roadway -	5.67 Miles	40656	40656	HSIP	Rural	2140	30	State	Roadway	Infrastructure

20(66)	restripe to revise separation between opposing lanes and/or shoulder widths	Miles			(Section 148)	Principal Arterial - Other			Highway Agency	Departure	ure Improvements
NH/HSIP-215(10)	Roadway Roadway - restripe to revise separation between opposing lanes and/or shoulder widths	2.07 Miles	127225	127225	HSIP (Section 148)	Rural Principal Arterial - Other	9110	55	State Highway Agency	Roadway Departure	Infrastructure Improvements
NH/HSIP-22(76)	Roadway Roadway - restripe to revise separation between opposing lanes and/or shoulder widths	8.85 Miles	53644.61	59605.01	HSIP (Section 148)	Rural Principal Arterial - Other	6340	55	State Highway Agency	Roadway Departure	Infrastructure Improvements
NH/HSIP-22(80)	Roadway Roadway - restripe to revise separation between opposing lanes and/or shoulder widths	2.28 Miles	4209.88	4677.76	HSIP (Section 148)	Rural Principal Arterial - Other	3900	55	State Highway Agency	Roadway Departure	Infrastructure Improvements
NH/HSIP-255(13)	Roadway Roadway - restripe to revise separation between opposing lanes and/or shoulder widths	2.36 Miles	-66829.9	-74255.78	HSIP (Section 148)	Urban Principal Arterial - Other	40260	40	State Highway Agency	Roadway Departure	Infrastructure Improvements
NH/HSIP-27(48)	Roadway Roadway - restripe to revise separation between opposing lanes and/or shoulder widths	2.31 Miles	17534.72	19483.02	HSIP (Section 148)	Urban Principal Arterial - Other	22240	40	State Highway Agency	Roadway Departure	Infrastructure Improvements
NH/HSIP-28(49)	Roadway Roadway - restripe to revise separation between opposing lanes and/or	3.07 Miles	3286.1	3651.11	HSIP (Section 148)	Rural Principal Arterial - Other	6670	55	State Highway Agency	Roadway Departure	Infrastructure Improvements

	shoulder widths										
NH/HSIP-29(97)	Roadway Roadway - restripe to revise separation between opposing lanes and/or shoulder widths	3.24 Miles	88200	88200	HSIP (Section 148)	Rural Principal Arterial - Other	4600	45	State Highway Agency	Roadway Department	Infrastructure Improvements
NH/HSIP-3(137)	Roadway Roadway - restripe to revise separation between opposing lanes and/or shoulder widths	1.81 Miles	97440	97440	HSIP (Section 148)	Urban Principal Arterial - Other	15750	35	State Highway Agency	Roadway Department	Infrastructure Improvements
NH/HSIP-3(138)	Roadway Roadway - restripe to revise separation between opposing lanes and/or shoulder widths	9.6 Miles	534363	534363	HSIP (Section 148)	Urban Principal Arterial - Other	16640	55	State Highway Agency	Roadway Department	Infrastructure Improvements
NH/HSIP-30(75)	Roadway Roadway - restripe to revise separation between opposing lanes and/or shoulder widths	2.65 Miles	93402	93402	HSIP (Section 148)	Rural Principal Arterial - Other	6090	55	State Highway Agency	Roadway Department	Infrastructure Improvements
NH/HSIP-33(95)	Roadway Roadway - restripe to revise separation between opposing lanes and/or shoulder widths	1.42 Miles	-573.04	-636.6	HSIP (Section 148)	Multi-Location	0	0	Multi-Location	Roadway Department	Infrastructure Improvements
NH/HSIP-35(61)	Roadway Roadway - restripe to revise separation between opposing lanes and/or shoulder widths	1.17 Miles	-964.01	-964.01	HSIP (Section 148)	Urban Principal Arterial - Other	16750	45	State Highway Agency	Roadway Department	Infrastructure Improvements
NH/HSIP-376(4)	Roadway Roadway - restripe to revise	3.39 Miles	79914	79914	HSIP (Section 148)	Rural Principal	3480	55	State Highway Agency	Roadway Department	Infrastructure

	separation between opposing lanes and/or shoulder widths				n 148)	Arterial - Other			Agency	e	Improvements
NH/HSIP-40(29)	Roadway Roadway - restripe to revise separation between opposing lanes and/or shoulder widths	1.8 Miles	- 37734.06	- 37734.06	HSIP (Section 148)	Rural Principal Arterial - Other	5970	45	State Highway Agency	Roadway Departure	Infrastructure Improvements
NH/HSIP-43(37)	Roadway Roadway - restripe to revise separation between opposing lanes and/or shoulder widths	3.82 Miles	- 40323.87	- 44805.08	HSIP (Section 148)	Urban Principal Arterial - Other	14330	30	State Highway Agency	Roadway Departure	Infrastructure Improvements
NH/HSIP-52(66)	Roadway Roadway - restripe to revise separation between opposing lanes and/or shoulder widths	3.52 Miles	25000	25000	HSIP (Section 148)	Rural Principal Arterial - Other	5230	55	State Highway Agency	Roadway Departure	Infrastructure Improvements
NH/HSIP-52(77)	Roadway Roadway - restripe to revise separation between opposing lanes and/or shoulder widths	3.05 Miles	-3310	-3310	HSIP (Section 148)	Urban Principal Arterial - Other	5580	40	State Highway Agency	Roadway Departure	Infrastructure Improvements
NH/HSIP-55(16)	Roadway Roadway - restripe to revise separation between opposing lanes and/or shoulder widths	1.09 Miles	550.72	550.72	HSIP (Section 148)	Rural Principal Arterial - Other	9390	45	State Highway Agency	Roadway Departure	Infrastructure Improvements
NH/HSIP-55(17)	Roadway Roadway - restripe to revise separation between opposing lanes and/or shoulder widths	5.28 Miles	20263.19	20263.19	HSIP (Section 148)	Rural Principal Arterial - Other	8870	55	State Highway Agency	Roadway Departure	Infrastructure Improvements

NH/HSIP-55(23)	Roadway Roadway - restripe to revise separation between opposing lanes and/or shoulder widths	11.16 Miles	319.38	319.38	HSIP (Section 148)	Rural Principal Arterial - Other	7600	55	State Highway Agency	Roadway Department	Infrastructure Improvements
NH/HSIP-58(38)	Roadway Roadway - restripe to revise separation between opposing lanes and/or shoulder widths	2.77 Miles	-1034.25	-1034.25	HSIP (Section 148)	Urban Principal Arterial - Other	23930	45	State Highway Agency	Roadway Department	Infrastructure Improvements
NH/HSIP-6(115)	Roadway Roadway - restripe to revise separation between opposing lanes and/or shoulder widths	0.98 Miles	17957	17957	HSIP (Section 148)	Urban Principal Arterial - Other Freeways and Expressways	71240	55	State Highway Agency	Roadway Department	Infrastructure Improvements
NH/HSIP-6(96)	Roadway Roadway - restripe to revise separation between opposing lanes and/or shoulder widths	4.47 Miles	-309.66	-343.4	HSIP (Section 148)	Urban Principal Arterial - Other	23560	45	State Highway Agency	Roadway Department	Infrastructure Improvements
NH/HSIP-61(29)	Roadway Roadway - restripe to revise separation between opposing lanes and/or shoulder widths	2.1 Miles	-2430.89	-2700.99	HSIP (Section 148)	Urban Principal Arterial - Other	23770	35	State Highway Agency	Roadway Department	Infrastructure Improvements
NH/HSIP-69(85)	Roadway Roadway - restripe to revise separation between opposing lanes and/or shoulder widths	0.22 Miles	-10735.3	-11927.56	HSIP (Section 148)	Urban Principal Arterial - Other	11820	30	State Highway Agency	Roadway Department	Infrastructure Improvements

NH/HSIP-69(86)	Roadway Roadway - restripe to revise separation between opposing lanes and/or shoulder widths	1.43 Miles	- 11842.91	- 13158.68	HSIP (Section 148)	Urban Principal Arterial - Other	19000	40	State Highway Agency	Roadway Department	Infrastructure Improvements
NH/HSIP-69(87)	Roadway Roadway - restripe to revise separation between opposing lanes and/or shoulder widths	4.23 Miles	-9191	-9191	HSIP (Section 148)	Urban Major Collector	1650	50	State Highway Agency	Roadway Department	Infrastructure Improvements
NH/HSIP-69(89)	Roadway Roadway - restripe to revise separation between opposing lanes and/or shoulder widths	11.06 Miles	25000	25000	HSIP (Section 148)	Rural Principal Arterial - Other	4360	45	State Highway Agency	Roadway Department	Infrastructure Improvements
NH/HSIP-7(32)	Roadway Roadway - restripe to revise separation between opposing lanes and/or shoulder widths	1.51 Miles	79613	88459	HSIP (Section 148)	Urban Principal Arterial - Other	6920	30	State Highway Agency	Roadway Department	Infrastructure Improvements
NH/HSIP-73(60)	Roadway Roadway - restripe to revise separation between opposing lanes and/or shoulder widths	7.67 Miles	- 18189.25	- 18189.25	HSIP (Section 148)	Urban Principal Arterial - Other	13350	55	State Highway Agency	Roadway Department	Infrastructure Improvements
NH/HSIP-9(71)	Roadway Roadway - restripe to revise separation between opposing lanes and/or shoulder widths	3.24 Miles	- 12428.8	- 12428.8	HSIP (Section 148)	Urban Principal Arterial - Other	26850	50	State Highway Agency	Roadway Department	Infrastructure Improvements
NH/HSIP-9(72)	Roadway Roadway - restripe to revise separation between	3.5 Miles	- 5143.72	- 5143.72	HSIP (Section 148)	Urban Principal Arterial -	29600	50	State Highway Agency	Roadway Department	Infrastructure Improvem

	opposing lanes and/or shoulder widths					Other					ents
PHSIP/HS IP-257(10)	Intersection geometry Intersection geometrics - miscellaneous/other/unspecified	0.02 Miles	9000	10000	HSIP (Section 148)	Multi-Location	0	0	Multi-Location	Intersections	Infrastructure Improvements
PHSIP/HS IP-257(11)	Roadway Roadway - restripe to revise separation between opposing lanes and/or shoulder widths	7.68 Miles	-1000	-1000	HSIP (Section 148)	Multi-Location	0	0	Multi-Location	Roadway Departure	Infrastructure Improvements
PHSIP/NH-SIP-15(187)	Roadway Roadway - restripe to revise separation between opposing lanes and/or shoulder widths	0.01 Miles	4800	4800	Penalty Transfer - Section 154	Rural Principal Arterial - Other	16460	70	State Highway Agency	Roadway Departure	Infrastructure Improvements
PHSIP/NH-SIP-33(107)	Roadway Roadway - restripe to revise separation between opposing lanes and/or shoulder widths	0 Miles	42305.49	42166.81	Penalty Transfer - Section 154	Rural Principal Arterial - Other	14200	50	State Highway Agency	Roadway Departure	Infrastructure Improvements
PHSIP/NH-SIP-9(70)	Roadway Roadway - restripe to revise separation between opposing lanes and/or shoulder widths	0 Miles	-46913.5	-46913.5	Penalty Transfer - Section 154	Urban Principal Arterial - Other	21370	30	State Highway Agency	Roadway Departure	Infrastructure Improvements
PHSIP/STP-EN-10(47)	Roadway Roadway - restripe to revise separation between opposing lanes and/or shoulder widths	0.06 Miles	105833	105833	Penalty Transfer - Section 154	Urban Principal Arterial - Other	11540	30	State Highway Agency	Roadway Departure	Infrastructure Improvements
PHSIP/STP-H-I-75-	Roadway Roadway - restripe to revise	14.95 Miles	-15486.0	-15486.0	Penalty Transfer	Rural Principal	30160	70	State Highway	Roadway Departure	Infrastructure

3(163)	separation between opposing lanes and/or shoulder widths		6	6	r - Section 154	Arterial - Interstate			Agency	e	Improvements
PHSIP/ST P-SIP-1156(3)	Roadway Roadway - restripe to revise separation between opposing lanes and/or shoulder widths	0.02 Miles	281266	281266	Penalty Transfer - Section 154	Urban Minor Arterial	13920	35	City of Municipal Highway Agency	Roadway Department	Infrastructure Improvements
PHSIP/ST P-SIP-131(36)	Roadway Roadway - restripe to revise separation between opposing lanes and/or shoulder widths	0.35 Miles	5000	0	Penalty Transfer - Section 154	Rural Major Collector	1240	40	State Highway Agency	Roadway Department	Infrastructure Improvements
PHSIP/ST P-SIP-174(22)	Roadway Roadway - restripe to revise separation between opposing lanes and/or shoulder widths	0.32 Miles	- 2122.34	- 2122.34	Penalty Transfer - Section 154	Urban Minor Arterial	16350	30	State Highway Agency	Roadway Department	Infrastructure Improvements
PHSIP/ST P-SIP-311(30)	Roadway Roadway - restripe to revise separation between opposing lanes and/or shoulder widths	0.01 Miles	559293	560693	Penalty Transfer - Section 154	Urban Principal Arterial - Other	24730	45	State Highway Agency	Roadway Department	Infrastructure Improvements
PHSIP/ST P-SIP-53(48)	Roadway Roadway - restripe to revise separation between opposing lanes and/or shoulder widths	0.256 Miles	2000	2000	Penalty Transfer - Section 154	Urban Minor Arterial	8990	40	State Highway Agency	Roadway Department	Infrastructure Improvements
PHSIP/ST P-SIP-76(90)	Roadway Roadway - restripe to revise separation between opposing lanes and/or shoulder widths	0.14 Miles	23000	23000	Penalty Transfer - Section 154	Rural Minor Arterial	6670	30	State Highway Agency	Roadway Department	Infrastructure Improvements

PHSIP-098-1(17)	Roadway Roadway - restripe to revise separation between opposing lanes and/or shoulder widths	0 Miles	153630.57	153630.57	Penalty Transfer - Section 154	Multi-Location	0	0	Multi-Location	Roadway Department	Infrastructure Improvements
PHSIP-1(330)	Intersection geometry Intersection geometrics - miscellaneous/other/unspecified	1.59 Miles	20000	20000	Penalty Transfer - Section 164	Rural Minor Arterial	7190	45	State Highway Agency	Intersections	Infrastructure Improvements
PHSIP-10(63)	Roadway Roadway - restripe to revise separation between opposing lanes and/or shoulder widths	11.95 Miles	- 10601.23	- 10601.23	Penalty Transfer - Section 154	Urban Principal Arterial - Other	2170	55	State Highway Agency	Roadway Department	Infrastructure Improvements
PHSIP-1053(3)	Roadway Roadway - restripe to revise separation between opposing lanes and/or shoulder widths	0.37 Miles	80000	80000	Penalty Transfer - Section 154	Urban Minor Arterial	26210	30	City of Municipal Highway Agency	Roadway Department	Infrastructure Improvements
PHSIP-11(73)	Roadway Roadway - restripe to revise separation between opposing lanes and/or shoulder widths	0.11 Miles	- 4151.47	- 4151.47	Penalty Transfer - Section 154	Rural Minor Arterial	2990	30	State Highway Agency	Roadway Department	Infrastructure Improvements
PHSIP-111(94)	Roadway Roadway - restripe to revise separation between opposing lanes and/or shoulder widths	11.4 Miles	90000	90000	Penalty Transfer - Section 154	Rural Principal Arterial - Other	4540	55	State Highway Agency	Roadway Department	Infrastructure Improvements
PHSIP-115(52)	Roadway Roadway - restripe to revise separation between	7.37 Miles	- 10168.8	0	Penalty Transfer -	Urban Principal Arterial -	56880	55	State Highway Agency	Roadway Department	Infrastructure Improvem

	opposing lanes and/or shoulder widths				Section 154	Other					ents
PHSIP-131(41)	Roadway Roadway - restripe to revise separation between opposing lanes and/or shoulder widths	0.1 Miles	269500	0	Penalty Transfer - Section 154	Urban Minor Arterial	7100	45	State Highway Agency	Roadway Department	Infrastructure Improvements
PHSIP-1365(3)	Roadway Roadway - restripe to revise separation between opposing lanes and/or shoulder widths	4.19 Miles	10000	10000	Penalty Transfer - Section 154	Rural Major Collector	340	40	County Highway Agency	Roadway Department	Infrastructure Improvements
PHSIP-15(185)	Intersection geometry Intersection geometrics - miscellaneous/other/unspecified	0.1 Miles	200000	200000	Penalty Transfer - Section 154	Rural Principal Arterial - Other	3880	35	State Highway Agency	Intersections	Infrastructure Improvements
PHSIP-168(10)	Roadway Roadway - restripe to revise separation between opposing lanes and/or shoulder widths	0 Miles	241500	241500	Penalty Transfer - Section 154	Urban Minor Arterial	10110	50	State Highway Agency	Roadway Department	Infrastructure Improvements
PHSIP-2(239)	Roadway Roadway - restripe to revise separation between opposing lanes and/or shoulder widths	0.01 Miles	6138.01	6138.01	Penalty Transfer - Section 154	Urban Principal Arterial - Other	8720	45	State Highway Agency	Roadway Department	Infrastructure Improvements
PHSIP-2(242)	Roadway Roadway - restripe to revise separation between opposing lanes and/or shoulder widths	0.002 Miles	-5000	-5000	Penalty Transfer - Section 154	Urban Major Collector	15340	55	State Highway Agency	Roadway Department	Infrastructure Improvements
PHSIP-	Roadway Roadway -	0.58	20000	20000	Penalty	Urban	2008	40	State	Roadway	Infrastructure

20(56)	restripe to revise separation between opposing lanes and/or shoulder widths	Miles			Transfer - Section 154	Principal Arterial - Other	0		Highway Agency	Departure	Infrastructure Improvements
PHSIP-21(19)	Roadway Roadway - restripe to revise separation between opposing lanes and/or shoulder widths	0.22 Miles	44968	44968	Penalty Transfer - Section 154	Rural Major Collector	1200	50	State Highway Agency	Roadway Departure	Infrastructure Improvements
PHSIP-24(55)	Intersection geometry Intersection geometrics - miscellaneous/other/unspecified	0.01 Miles	442475	442475	Penalty Transfer - Section 154	Urban Principal Arterial - Other	27190	45	State Highway Agency	Intersections	Infrastructure Improvements
PHSIP-26(63)	Intersection geometry Intersection geometrics - miscellaneous/other/unspecified	0.47 Miles	26000	26000	Penalty Transfer - Section 164	Urban Principal Arterial - Other	12830	45	State Highway Agency	Intersections	Infrastructure Improvements
PHSIP-3(130)	Roadway Roadway - restripe to revise separation between opposing lanes and/or shoulder widths	0.01 Miles	20000	0	Penalty Transfer - Section 154	Urban Principal Arterial - Other	24810	55	State Highway Agency	Roadway Departure	Infrastructure Improvements
PHSIP-30(69)	Intersection geometry Intersection geometrics - miscellaneous/other/unspecified	0 Miles	-60000	-60000	Penalty Transfer - Section 154	Urban Principal Arterial - Other	9850	50	State Highway Agency	Intersections	Infrastructure Improvements
PHSIP-345(11)	Roadway Roadway - restripe to revise separation between opposing lanes and/or	0.06 Miles	271000	271000	Penalty Transfer - Section	Rural Major Collector	3690	35	State Highway Agency	Roadway Departure	Infrastructure Improvements

	shoulder widths				154						
PHSIP-359(12)	Roadway Roadway - restripe to revise separation between opposing lanes and/or shoulder widths	0.03 Miles	20000	20000	Penalty Transfer - Section 154	Urban Major Collector	3160	40	State Highway Agency	Roadway Department	Infrastructure Improvements
PHSIP-397(12)	Roadway Roadway - restripe to revise separation between opposing lanes and/or shoulder widths	0.67 Miles	-95000	-95000	Penalty Transfer - Section 154	Urban Principal Arterial - Other	28680	55	State Highway Agency	Roadway Department	Infrastructure Improvements
PHSIP-49(38)	Roadway Roadway - restripe to revise separation between opposing lanes and/or shoulder widths	3.92 Miles	-14800.42	-14800.42	Penalty Transfer - Section 154	Rural Minor Arterial	2640	30	State Highway Agency	Roadway Department	Infrastructure Improvements
PHSIP-56(77)	Roadway Roadway - restripe to revise separation between opposing lanes and/or shoulder widths	5.39 Miles	119593	119593	Penalty Transfer - Section 154	Rural Minor Arterial	1190	40	State Highway Agency	Roadway Department	Infrastructure Improvements
PHSIP-6(102)	Roadway Roadway - restripe to revise separation between opposing lanes and/or shoulder widths	4.1 Miles	157072	157072	Penalty Transfer - Section 154	Urban Minor Arterial	19620	45	State Highway Agency	Roadway Department	Infrastructure Improvements
PHSIP-6(105)	Roadway Roadway - restripe to revise separation between opposing lanes and/or shoulder widths	0.34 Miles	178000	178000	Penalty Transfer - Section 154	Urban Principal Arterial - Other Freeways and Expresswa	21280	65	State Highway Agency	Roadway Department	Infrastructure Improvements

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PHSIP-6(106)	Roadway Roadway - restripe to revise separation between opposing lanes and/or shoulder widths	0.25 Miles	293543	293543	Penalty Transfer - Section 154	Rural Principal Arterial - Other	12280	55	State Highway Agency	Roadway Department	Infrastructure Improvements
PHSIP-6(119)	Roadway Roadway - restripe to revise separation between opposing lanes and/or shoulder widths	0.86 Miles	36000	40000	Penalty Transfer - Section 154	Urban Principal Arterial - Other	14430	45	State Highway Agency	Roadway Department	Infrastructure Improvements
PHSIP-60(27)	Roadway Roadway - restripe to revise separation between opposing lanes and/or shoulder widths	0.03 Miles	-21095.02	-21095.02	Penalty Transfer - Section 154	Urban Principal Arterial - Other Freeways and Expressways	32920	55	State Highway Agency	Roadway Department	Infrastructure Improvements
PHSIP-68(41)	Intersection geometry Intersection geometrics - miscellaneous/other/unspecified	3.1 Miles	216900	216900	Penalty Transfer - Section 154	Rural Minor Arterial	5820	55	State Highway Agency	Intersections	Infrastructure Improvements
PHSIP-73(61)	Roadway Roadway - restripe to revise separation between opposing lanes and/or shoulder widths	0.01 Miles	-94750.96	-94750.96	Penalty Transfer - Section 154	Urban Principal Arterial - Other	9270	55	State Highway Agency	Roadway Department	Infrastructure Improvements
PHSIP-78(20)	Roadway Roadway - restripe to revise separation between opposing lanes and/or	3 Miles	-40000	-40000	Penalty Transfer - Section	Rural Minor Arterial	3670	55	State Highway Agency	Roadway Department	Infrastructure Improvements

	shoulder widths				154						
PHSIP-9314(9)	Roadway Roadway - restripe to revise separation between opposing lanes and/or shoulder widths	3.16 Miles	9787.83	9787.83	Penalty Transfer - Section 154	Multi-Location	0	0	Multi-Location	Roadway Department	Infrastructure Improvements
PHSIP-I-140(18)	Roadway Roadway - restripe to revise separation between opposing lanes and/or shoulder widths	0.01 Miles	488000	488000	Penalty Transfer - Section 154	Urban Principal Arterial - Interstate	56690	65	State Highway Agency	Roadway Department	Infrastructure Improvements
PHSIP-I-275-3(134)	Roadway Roadway - restripe to revise separation between opposing lanes and/or shoulder widths	0.17 Miles	606000	606000	Penalty Transfer - Section 154	Urban Principal Arterial - Interstate	59990	55	State Highway Agency	Roadway Department	Infrastructure Improvements
PHSIP-REG3(161)	Roadway Roadway - restripe to revise separation between opposing lanes and/or shoulder widths	7.55 Miles	-81956.04	-81956.04	Penalty Transfer - Section 164	Multi-Location	0	0	Multi-Location	Roadway Department	Infrastructure Improvements
R-HSIP-135(23)	Roadway Roadway - restripe to revise separation between opposing lanes and/or shoulder widths	8.07 Miles	0	182000	HSIP (Section 148)	Rural Major Collector	770	45	State Highway Agency	Roadway Department	Infrastructure Improvements
R-HSIP-161(10)	Roadway Roadway - restripe to revise separation between opposing lanes and/or shoulder widths	4.7 Miles	0	43554	HSIP (Section 148)	Rural Minor Arterial	1390	55	State Highway Agency	Roadway Department	Infrastructure Improvements
R-HSIP-305(12)	Roadway Roadway - restripe to revise	2.85 Miles	0	113000	HSIP (Section 148)	Urban Minor	6420	50	State Highway Agency	Roadway Department	Infrastructure

	separation between opposing lanes and/or shoulder widths				n 148)	Arterial			Agency	e	Improvem ents
R-HSIP-9(88)	Roadway Roadway - restripe to revise separation between opposing lanes and/or shoulder widths	7.37 Miles	0	38200	HSIP (Section 148)	Multi-Location	0	0	Multi-Location	Roadway Department	Infrastruct ure Improvem ents
R-NH/HSIP-1(357)	Roadway Roadway - restripe to revise separation between opposing lanes and/or shoulder widths	1.77 Miles	0	11600	HSIP (Section 148)	Urban Principal Arterial - Other	25780	45	State Highway Agency	Roadway Department	Infrastruct ure Improvem ents
R-NH/HSIP-15(194)	Roadway Roadway - restripe to revise separation between opposing lanes and/or shoulder widths	3.74 Miles	0	50096	HSIP (Section 148)	Rural Principal Arterial - Other	5590	65	State Highway Agency	Roadway Department	Infrastruct ure Improvem ents
R-NH/HSIP-153(10)	Roadway Roadway - restripe to revise separation between opposing lanes and/or shoulder widths	1.96 Miles	0	126000	HSIP (Section 148)	Urban Principal Arterial - Other	31450	50	State Highway Agency	Roadway Department	Infrastruct ure Improvem ents
R-NH/HSIP-16(53)	Roadway Roadway - restripe to revise separation between opposing lanes and/or shoulder widths	2.32 Miles	0	217000	HSIP (Section 148)	Urban Principal Arterial - Other	18280	30	State Highway Agency	Roadway Department	Infrastruct ure Improvem ents
R-NH/HSIP-2(247)	Roadway Roadway - restripe to revise separation between opposing lanes and/or shoulder widths	1.86 Miles	0	107000	HSIP (Section 148)	Urban Principal Arterial - Other	22530	45	State Highway Agency	Roadway Department	Infrastruct ure Improvem ents

R-NH/HSIP-28(59)	Roadway Roadway - restripe to revise separation between opposing lanes and/or shoulder widths	3.49 Miles	0	147000	HSIP (Section 148)	Rural Principal Arterial - Other	6930	45	State Highway Agency	Roadway Department	Infrastructure Improvements
R-NH/HSIP-28(60)	Roadway Roadway - restripe to revise separation between opposing lanes and/or shoulder widths	3.1 Miles	0	63000	HSIP (Section 148)	Multi-Location	0	0	Multi-Location	Roadway Department	Infrastructure Improvements
R-NH/HSIP-28(61)	Roadway Roadway - restripe to revise separation between opposing lanes and/or shoulder widths	5.59 Miles	0	119000	HSIP (Section 148)	Rural Principal Arterial - Other	1420	55	State Highway Agency	Roadway Department	Infrastructure Improvements
R-NH/HSIP-29(98)	Roadway Roadway - restripe to revise separation between opposing lanes and/or shoulder widths	2.5 Miles	0	114000	HSIP (Section 148)	Rural Principal Arterial - Other	20470	55	State Highway Agency	Roadway Department	Infrastructure Improvements
R-NH/HSIP-29(99)	Roadway Roadway - restripe to revise separation between opposing lanes and/or shoulder widths	3.4 Miles	0	191000	HSIP (Section 148)	Urban Principal Arterial - Other Freeways and Expressways	30800	65	State Highway Agency	Roadway Department	Infrastructure Improvements
R-NH/HSIP-35(63)	Roadway Roadway - restripe to revise separation between opposing lanes and/or shoulder widths	2.62 Miles	0	190100	HSIP (Section 148)	Multi-Location	0	0	Multi-Location	Roadway Department	Infrastructure Improvements

R-NH/HSIP-397(13)	Roadway Roadway - restripe to revise separation between opposing lanes and/or shoulder widths	3.2 Miles	0	78544	HSIP (Section 148)	Urban Principal Arterial - Other	28680	45	State Highway Agency	Roadway Department	Infrastructure Improvements
R-NH/HSIP-45(29)	Roadway Roadway - restripe to revise separation between opposing lanes and/or shoulder widths	1.77 Miles	0	37290	HSIP (Section 148)	Urban Principal Arterial - Other	46890	45	State Highway Agency	Roadway Department	Infrastructure Improvements
R-NH/HSIP-60(31)	Roadway Roadway - restripe to revise separation between opposing lanes and/or shoulder widths	1.02 Miles	0	18000	HSIP (Section 148)	Rural Principal Arterial - Other	4090	55	State Highway Agency	Roadway Department	Infrastructure Improvements
R-NH/HSIP-60(32)	Roadway Roadway - restripe to revise separation between opposing lanes and/or shoulder widths	2.1 Miles	0	44000	HSIP (Section 148)	Rural Principal Arterial - Other	5150	40	State Highway Agency	Roadway Department	Infrastructure Improvements
R-NH/HSIP-62(43)	Roadway Roadway - restripe to revise separation between opposing lanes and/or shoulder widths	2.62 Miles	0	48300	HSIP (Section 148)	Urban Principal Arterial - Other	18230	35	State Highway Agency	Roadway Department	Infrastructure Improvements
R-PHSIP-155(25)	Roadway Roadway - restripe to revise separation between opposing lanes and/or shoulder widths	0.296 Miles	0	308000	HSIP (Section 148)	Urban Minor Arterial	45000	45	State Highway Agency	Roadway Department	Infrastructure Improvements
R-STP/HSIP-12(55)	Roadway Roadway - restripe to revise separation between	6.65 Miles	0	128782	HSIP (Section 148)	Rural Minor Arterial	5740	50	State Highway Agency	Roadway Department	Infrastructure Improvements

	opposing lanes and/or shoulder widths										ents
R-STP/HSIP-126(21)	Roadway Roadway - restripe to revise separation between opposing lanes and/or shoulder widths	3.11 Miles	0	122300	HSIP (Section 148)	Multi-Location	0	0	Multi-Location	Roadway Department	Infrastructure Improvements
R-STP/HSIP-24(64)	Roadway Roadway - restripe to revise separation between opposing lanes and/or shoulder widths	2.22 Miles	0	71000	HSIP (Section 148)	Urban Principal Arterial - Other	7790	45	State Highway Agency	Roadway Department	Infrastructure Improvements
R-STP/HSIP-24(65)	Roadway Roadway - restripe to revise separation between opposing lanes and/or shoulder widths	2.06 Miles	0	72000	HSIP (Section 148)	Urban Principal Arterial - Other	13800	45	State Highway Agency	Roadway Department	Infrastructure Improvements
R-STP/HSIP-25(53)	Roadway Roadway - restripe to revise separation between opposing lanes and/or shoulder widths	7.03 Miles	0	52395	HSIP (Section 148)	Rural Minor Arterial	2900	30	State Highway Agency	Roadway Department	Infrastructure Improvements
R-STP/HSIP-266(24)	Roadway Roadway - restripe to revise separation between opposing lanes and/or shoulder widths	1.683 Miles	0	22672	HSIP (Section 148)	Multi-Location	0	0	Multi-Location	Roadway Department	Infrastructure Improvements
R-STP/HSIP-266(25)	Roadway Roadway - restripe to revise separation between opposing lanes and/or shoulder widths	4.65 Miles	0	18654	HSIP (Section 148)	Urban Minor Arterial	7950	45	State Highway Agency	Roadway Department	Infrastructure Improvements
R-	Roadway Roadway -	5.7	0	99000	HSIP	Rural	3910	45	State	Roadway	Infrastructure

STP/HSIP -27(51)	restripe to revise separation between opposing lanes and/or shoulder widths	Miles			(Section 148)	Minor Arterial			Highway Agency	Departure	ure Improvements
R-STP/HSIP -281(4)	Roadway Roadway - restripe to revise separation between opposing lanes and/or shoulder widths	1.89 Miles	0	29000	HSIP (Section 148)	Rural Major Collector	1720	45	State Highway Agency	Roadway Departure	Infrastructure Improvements
R-STP/HSIP -50(59)	Roadway Roadway - restripe to revise separation between opposing lanes and/or shoulder widths	1.04 Miles	0	91679	HSIP (Section 148)	Urban Minor Arterial	4840	30	State Highway Agency	Roadway Departure	Infrastructure Improvements
R-STP/HSIP -6(117)	Roadway Roadway - restripe to revise separation between opposing lanes and/or shoulder widths	2.521 Miles	0	15708	HSIP (Section 148)	Urban Minor Arterial	19620	45	State Highway Agency	Roadway Departure	Infrastructure Improvements
R-STP/HSIP -60(30)	Roadway Roadway - restripe to revise separation between opposing lanes and/or shoulder widths	1.99 Miles	0	31000	HSIP (Section 148)	Rural Principal Arterial - Other	6090	55	State Highway Agency	Roadway Departure	Infrastructure Improvements
R-STP/HSIP -76(99)	Roadway Roadway - restripe to revise separation between opposing lanes and/or shoulder widths	3.73 Miles	0	38294	HSIP (Section 148)	Urban Minor Arterial	17660	45	State Highway Agency	Roadway Departure	Infrastructure Improvements
R-STP/HSIP -9(87)	Roadway Roadway - restripe to revise separation between opposing lanes and/or	5.63 Miles	0	25200	HSIP (Section 148)	Rural Major Collector	3290	45	State Highway Agency	Roadway Departure	Infrastructure Improvements

	shoulder widths										
R-STP/HSIP-95(13)	Roadway Roadway - restripe to revise separation between opposing lanes and/or shoulder widths	9.88 Miles	0	88200	HSIP (Section 148)	Rural Major Collector	2850	40	State Highway Agency	Roadway Department	Infrastructure Improvements
R-STP-NH/HSIP-33(124)	Roadway Roadway - restripe to revise separation between opposing lanes and/or shoulder widths	1.87 Miles	0	4500	HSIP (Section 148)	Urban Principal Arterial - Other	17790	45	State Highway Agency	Roadway Department	Infrastructure Improvements
STP/HSIP-1(321)	Roadway Roadway - restripe to revise separation between opposing lanes and/or shoulder widths	10.61 Miles	-41758.18	-41758.18	HSIP (Section 148)	Multi-Location	0	0	Multi-Location	Roadway Department	Infrastructure Improvements
STP/HSIP-1(322)	Roadway Roadway - restripe to revise separation between opposing lanes and/or shoulder widths	7 Miles	28913.8	28913.8	HSIP (Section 148)	Urban Minor Arterial	2950	45	State Highway Agency	Roadway Department	Infrastructure Improvements
STP/HSIP-1(337)	Roadway Roadway - restripe to revise separation between opposing lanes and/or shoulder widths	6.13 Miles	161979	161979	HSIP (Section 148)	Rural Major Collector	2430	55	State Highway Agency	Roadway Department	Infrastructure Improvements
STP/HSIP-1(356)	Roadway Roadway - restripe to revise separation between opposing lanes and/or shoulder widths	2.6 Miles	107579	107579	HSIP (Section 148)	Rural Principal Arterial - Other	12520	30	State Highway Agency	Roadway Department	Infrastructure Improvements
STP/HSIP-1(359)	Roadway Roadway - restripe to revise	1.086 Miles	133710	148566	HSIP (Section 148)	Rural Minor	6550	55	State Highway Agency	Roadway Department	Infrastructure

	separation between opposing lanes and/or shoulder widths				n 148)	Arterial			Agency	e	Improvem ents
STP/HSIP -106(37)	Roadway Roadway - restripe to revise separation between opposing lanes and/or shoulder widths	7.14 Miles	1989.13	1989.13	HSIP (Sectio n 148)	Rural Principal Arterial - Other	4240	45	State Highway Agency	Roadway Departur e	Infrastruct ure Improvem ents
STP/HSIP -106(38)	Roadway Roadway - restripe to revise separation between opposing lanes and/or shoulder widths	6.1 Miles	50222	50222	HSIP (Sectio n 148)	Rural Major Collector	4030	55	State Highway Agency	Roadway Departur e	Infrastruct ure Improvem ents
STP/HSIP -11(67)	Roadway Roadway - restripe to revise separation between opposing lanes and/or shoulder widths	2.75 Miles	-1401.9	- 1557.67	HSIP (Sectio n 148)	Urban Minor Arterial	1946 0	40	State Highway Agency	Roadway Departur e	Infrastruct ure Improvem ents
STP/HSIP -11(82)	Roadway Roadway - restripe to revise separation between opposing lanes and/or shoulder widths	5.24 Miles	51020	56689	HSIP (Sectio n 148)	Rural Minor Arterial	2280	45	State Highway Agency	Roadway Departur e	Infrastruct ure Improvem ents
STP/HSIP -11(86)	Roadway Roadway - restripe to revise separation between opposing lanes and/or shoulder widths	0.78 Miles	6505	6505	HSIP (Sectio n 148)	Urban Minor Arterial	3450	30	State Highway Agency	Roadway Departur e	Infrastruct ure Improvem ents
STP/HSIP -114(15)	Roadway Roadway - restripe to revise separation between opposing lanes and/or shoulder widths	7.89 Miles	103824	103824	HSIP (Sectio n 148)	Rural Major Collector	1420	55	State Highway Agency	Roadway Departur e	Infrastruct ure Improvem ents

STP/HSIP-115(44)	Roadway Roadway - restripe to revise separation between opposing lanes and/or shoulder widths	10.45 Miles	4100	4100	HSIP (Section 148)	Rural Minor Arterial	1540	50	State Highway Agency	Roadway Department	Infrastructure Improvements
STP/HSIP-124(9)	Roadway Roadway - restripe to revise separation between opposing lanes and/or shoulder widths	9.41 Miles	225271	225271	HSIP (Section 148)	Rural Major Collector	1350	35	State Highway Agency	Roadway Department	Infrastructure Improvements
STP/HSIP-13(63)	Roadway Roadway - restripe to revise separation between opposing lanes and/or shoulder widths	7.93 Miles	-56352.24	-56352.24	HSIP (Section 148)	Urban Minor Arterial	13900	50	State Highway Agency	Roadway Department	Infrastructure Improvements
STP/HSIP-13(67)	Roadway Roadway - restripe to revise separation between opposing lanes and/or shoulder widths	6.86 Miles	240635	240635	HSIP (Section 148)	Rural Major Collector	810	30	State Highway Agency	Roadway Department	Infrastructure Improvements
STP/HSIP-131(44)	Roadway Roadway - restripe to revise separation between opposing lanes and/or shoulder widths	3.49 Miles	38300	38300	HSIP (Section 148)	Urban Minor Arterial	12730	40	State Highway Agency	Roadway Department	Infrastructure Improvements
STP/HSIP-135(22)	Roadway Roadway - restripe to revise separation between opposing lanes and/or shoulder widths	5.6 Miles	89531	89531	HSIP (Section 148)	Urban Major Collector	1270	55	State Highway Agency	Roadway Department	Infrastructure Improvements
STP/HSIP-152(20)	Roadway Roadway - restripe to revise separation between	0.95 Miles	100175	100175	HSIP (Section 148)	Multi-Location	0	0	Multi-Location	Roadway Department	Infrastructure Improvem

	opposing lanes and/or shoulder widths										ents
STP/HSIP -16(48)	Roadway Roadway - restripe to revise separation between opposing lanes and/or shoulder widths	7.01 Miles	- 13887.84	- 13887.84	HSIP (Section 148)	Urban Minor Arterial	1280	45	State Highway Agency	Roadway Department	Infrastructure Improvements
STP/HSIP -160(11)	Roadway Roadway - restripe to revise separation between opposing lanes and/or shoulder widths	5.22 Miles	26300	26300	HSIP (Section 148)	Rural Major Collector	1970	45	State Highway Agency	Roadway Department	Infrastructure Improvements
STP/HSIP -166(17)	Roadway Roadway - restripe to revise separation between opposing lanes and/or shoulder widths	1.94 Miles	17594.62	19549.58	HSIP (Section 148)	Urban Major Collector	3000	30	State Highway Agency	Roadway Department	Infrastructure Improvements
STP/HSIP -17(14)	Roadway Roadway - restripe to revise separation between opposing lanes and/or shoulder widths	3.79 Miles	- 2271.79	- 2523.77	HSIP (Section 148)	Urban Minor Arterial	6250	30	State Highway Agency	Roadway Department	Infrastructure Improvements
STP/HSIP -170(12)	Roadway Roadway - restripe to revise separation between opposing lanes and/or shoulder widths	5.55 Miles	10520	10520	HSIP (Section 148)	Rural Major Collector	1420	40	State Highway Agency	Roadway Department	Infrastructure Improvements
STP/HSIP -19(51)	Roadway Roadway - restripe to revise separation between opposing lanes and/or shoulder widths	2.99 Miles	82684	82684	HSIP (Section 148)	Urban Minor Arterial	2990	55	State Highway Agency	Roadway Department	Infrastructure Improvements
STP/HSIP	Roadway Roadway -	6.22	-	-	HSIP	Urban	5100	55	State	Roadway	Infrastructure

-2(213)	restripe to revise separation between opposing lanes and/or shoulder widths	Miles	3833.51	3833.51	(Section 148)	Major Collector			Highway Agency	Departure	ure Improvements
STP/HSIP -205(24)	Roadway Roadway - restripe to revise separation between opposing lanes and/or shoulder widths	3.901 Miles	- 6160.11	- 6160.11	HSIP (Section 148)	Multi-Location	0	0	Multi-Location	Roadway Departure	Infrastructure Improvements
STP/HSIP -24(50)	Roadway Roadway - restripe to revise separation between opposing lanes and/or shoulder widths	8.6 Miles	6511.77	6511.77	HSIP (Section 148)	Rural Minor Arterial	4090	55	State Highway Agency	Roadway Departure	Infrastructure Improvements
STP/HSIP -24(52)	Roadway Roadway - restripe to revise separation between opposing lanes and/or shoulder widths	2.54 Miles	- 21255.46	- 21255.46	HSIP (Section 148)	Urban Minor Arterial	6780	30	State Highway Agency	Roadway Departure	Infrastructure Improvements
STP/HSIP -24(63)	Roadway Roadway - restripe to revise separation between opposing lanes and/or shoulder widths	16.44 Miles	202526	202526	HSIP (Section 148)	Urban Minor Arterial	6500	45	State Highway Agency	Roadway Departure	Infrastructure Improvements
STP/HSIP -242(157)	Roadway Roadway - restripe to revise separation between opposing lanes and/or shoulder widths	6 Miles	47301	47301	HSIP (Section 148)	Rural Major Collector	460	50	State Highway Agency	Roadway Departure	Infrastructure Improvements
STP/HSIP -243(92)	Roadway Roadway - restripe to revise separation between opposing lanes and/or	5 Miles	- 5355.78	- 5950.87	HSIP (Section 148)	Urban Minor Arterial	3230	45	State Highway Agency	Roadway Departure	Infrastructure Improvements

	shoulder widths										
STP/HSIP-246(4)	Roadway Roadway - restripe to revise separation between opposing lanes and/or shoulder widths	3.3 Miles	15534	17260	HSIP (Section 148)	Urban Minor Arterial	8490	30	State Highway Agency	Roadway Department	Infrastructure Improvements
STP/HSIP-25(52)	Roadway Roadway - restripe to revise separation between opposing lanes and/or shoulder widths	5.82 Miles	63939	63939	HSIP (Section 148)	Rural Minor Arterial	2980	45	State Highway Agency	Roadway Department	Infrastructure Improvements
STP/HSIP-26(46)	Roadway Roadway - restripe to revise separation between opposing lanes and/or shoulder widths	7.95 Miles	-1088	-1088	HSIP (Section 148)	Rural Minor Arterial	3090	55	State Highway Agency	Roadway Department	Infrastructure Improvements
STP/HSIP-26(65)	Roadway Roadway - restripe to revise separation between opposing lanes and/or shoulder widths	5.04 Miles	191439	191439	HSIP (Section 148)	Rural Minor Arterial	6310	45	State Highway Agency	Roadway Department	Infrastructure Improvements
STP/HSIP-268(6)	Roadway Roadway - restripe to revise separation between opposing lanes and/or shoulder widths	3.1 Miles	299.91	299.91	HSIP (Section 148)	Urban Minor Arterial	10030	45	State Highway Agency	Roadway Department	Infrastructure Improvements
STP/HSIP-28(45)	Roadway Roadway - restripe to revise separation between opposing lanes and/or shoulder widths	3.51 Miles	2746.02	3051.36	HSIP (Section 148)	Rural Principal Arterial - Other	6670	55	State Highway Agency	Roadway Department	Infrastructure Improvements
STP/HSIP-290(7)	Roadway Roadway - restripe to revise	4.21 Miles	-7008.43	-7786.92	HSIP (Section 148)	Urban Minor Arterial	9290	40	State Highway Agency	Roadway Department	Infrastructure Improvements

	separation between opposing lanes and/or shoulder widths				n 148)	Arterial			Agency	e	Improvem ents
STP/HSIP -298(12)	Roadway Roadway - restripe to revise separation between opposing lanes and/or shoulder widths	5.93 Miles	- 14025.2 6	- 15583.2 9	HSIP (Sectio n 148)	Rural Major Collector	890	45	State Highway Agency	Roadway Departur e	Infrastruct ure Improvem ents
STP/HSIP -30(58)	Roadway Roadway - restripe to revise separation between opposing lanes and/or shoulder widths	4.28 Miles	17752.5	19725.6 7	HSIP (Sectio n 148)	Urban Minor Arterial	7590	45	State Highway Agency	Roadway Departur e	Infrastruct ure Improvem ents
STP/HSIP -30(60)	Roadway Roadway - restripe to revise separation between opposing lanes and/or shoulder widths	4.46 Miles	- 10907.5 4	- 10907.5 4	HSIP (Sectio n 148)	Rural Minor Arterial	5390	55	State Highway Agency	Roadway Departur e	Infrastruct ure Improvem ents
STP/HSIP -33(108)	Roadway Roadway - restripe to revise separation between opposing lanes and/or shoulder widths	6.25 Miles	48958.8 9	54398.7 7	HSIP (Sectio n 148)	Urban Minor Arterial	1745 0	30	State Highway Agency	Roadway Departur e	Infrastruct ure Improvem ents
STP/HSIP -331(7)	Roadway Roadway - restripe to revise separation between opposing lanes and/or shoulder widths	10.47 Miles	- 2361.03	- 2361.03	HSIP (Sectio n 148)	Urban Minor Arterial	5070	40	State Highway Agency	Roadway Departur e	Infrastruct ure Improvem ents
STP/HSIP -346(10)	Roadway Roadway - restripe to revise separation between opposing lanes and/or shoulder widths	1.92 Miles	49725	55250	HSIP (Sectio n 148)	Urban Minor Arterial	7420	35	State Highway Agency	Roadway Departur e	Infrastruct ure Improvem ents

STP/HSIP-35(57)	Roadway Roadway - restripe to revise separation between opposing lanes and/or shoulder widths	8.34 Miles	33133.86	33133.86	HSIP (Section 148)	Rural Minor Arterial	8930	45	State Highway Agency	Roadway Department	Infrastructure Improvements
STP/HSIP-36(52)	Roadway Roadway - restripe to revise separation between opposing lanes and/or shoulder widths	5.22 Miles	-19800	-22000	HSIP (Section 148)	Urban Minor Arterial	22420	40	State Highway Agency	Roadway Department	Infrastructure Improvements
STP/HSIP-392(5)	Roadway Roadway - restripe to revise separation between opposing lanes and/or shoulder widths	2.5 Miles	103735	103735	HSIP (Section 148)	Urban Minor Arterial	7500	50	State Highway Agency	Roadway Department	Infrastructure Improvements
STP/HSIP-43(39)	Roadway Roadway - restripe to revise separation between opposing lanes and/or shoulder widths	10.08 Miles	386249	386249	HSIP (Section 148)	Multi-Location	0	0	Multi-Location	Roadway Department	Infrastructure Improvements
STP/HSIP-46(26)	Roadway Roadway - restripe to revise separation between opposing lanes and/or shoulder widths	7.66 Miles	61972.59	61972.59	HSIP (Section 148)	Multi-Location	0	0	Multi-Location	Roadway Department	Infrastructure Improvements
STP/HSIP-46(28)	Roadway Roadway - restripe to revise separation between opposing lanes and/or shoulder widths	3.57 Miles	23148	23148	HSIP (Section 148)	Urban Minor Arterial	12120	45	State Highway Agency	Roadway Department	Infrastructure Improvements
STP/HSIP-47(10)	Roadway Roadway - restripe to revise separation between	7.29 Miles	-3000	-3000	HSIP (Section 148)	Rural Minor Arterial	2820	55	State Highway Agency	Roadway Department	Infrastructure Improvem

	opposing lanes and/or shoulder widths										ents
STP/HSIP-48(49)	Roadway Roadway - restripe to revise separation between opposing lanes and/or shoulder widths	7.72 Miles	- 7801.67	- 7801.67	HSIP (Section 148)	Multi-Location	0	0	Multi-Location	Roadway Department	Infrastructure Improvements
STP/HSIP-49(43)	Roadway Roadway - restripe to revise separation between opposing lanes and/or shoulder widths	3.65 Miles	7878	7878	HSIP (Section 148)	Rural Minor Arterial	710	50	State Highway Agency	Roadway Department	Infrastructure Improvements
STP/HSIP-50(47)	Roadway Roadway - restripe to revise separation between opposing lanes and/or shoulder widths	3.32 Miles	5336.68	5336.68	HSIP (Section 148)	Urban Minor Arterial	3120	45	State Highway Agency	Roadway Department	Infrastructure Improvements
STP/HSIP-50(58)	Roadway Roadway - restripe to revise separation between opposing lanes and/or shoulder widths	6.08 Miles	189524	189524	HSIP (Section 148)	Rural Major Collector	2600	55	State Highway Agency	Roadway Department	Infrastructure Improvements
STP/HSIP-52(79)	Roadway Roadway - restripe to revise separation between opposing lanes and/or shoulder widths	5.88 Miles	201000	201000	HSIP (Section 148)	Rural Minor Arterial	2510	55	State Highway Agency	Roadway Department	Infrastructure Improvements
STP/HSIP-53(42)	Roadway Roadway - restripe to revise separation between opposing lanes and/or shoulder widths	9 Miles	- 21355.35	- 21355.35	HSIP (Section 148)	Multi-Location	0	0	Multi-Location	Roadway Department	Infrastructure Improvements
STP/HSIP	Roadway Roadway -	4.62	9010.44	9010.44	HSIP	Rural	5340	55	State	Roadway	Infrastructure

-56(60)	restripe to revise separation between opposing lanes and/or shoulder widths	Miles			(Section 148)	Minor Arterial			Highway Agency	Departure	ure Improvements
STP/HSIP -56(66)	Roadway Roadway - restripe to revise separation between opposing lanes and/or shoulder widths	3.15 Miles	3673.99	3673.99	HSIP (Section 148)	Rural Minor Arterial	770	45	State Highway Agency	Roadway Departure	Infrastructure Improvements
STP/HSIP -56(67)	Roadway Roadway - restripe to revise separation between opposing lanes and/or shoulder widths	12.11 Miles	- 5123.69	- 5123.69	HSIP (Section 148)	Rural Minor Arterial	3400	55	State Highway Agency	Roadway Departure	Infrastructure Improvements
STP/HSIP -56(68)	Roadway Roadway - restripe to revise separation between opposing lanes and/or shoulder widths	0.54 Miles	449.85	499.83	HSIP (Section 148)	Rural Minor Arterial	7670	55	State Highway Agency	Roadway Departure	Infrastructure Improvements
STP/HSIP -56(70)	Roadway Roadway - restripe to revise separation between opposing lanes and/or shoulder widths	3.35 Miles	1824.93	1824.93	HSIP (Section 148)	Rural Minor Arterial	6990	55	State Highway Agency	Roadway Departure	Infrastructure Improvements
STP/HSIP -56(81)	Roadway Roadway - restripe to revise separation between opposing lanes and/or shoulder widths	9.58 Miles	99902	99902	HSIP (Section 148)	Rural Major Collector	3320	35	State Highway Agency	Roadway Departure	Infrastructure Improvements
STP/HSIP -58(49)	Roadway Roadway - restripe to revise separation between opposing lanes and/or	3.83 Miles	46017	46017	HSIP (Section 148)	Rural Minor Arterial	1460	55	State Highway Agency	Roadway Departure	Infrastructure Improvements

	shoulder widths										
STP/HSIP-63(57)	Roadway Roadway - restripe to revise separation between opposing lanes and/or shoulder widths	11.1 Miles	3302.44	3669.38	HSIP (Section 148)	Rural Minor Arterial	5980	30	State Highway Agency	Roadway Department	Infrastructure Improvements
STP/HSIP-65(16)	Roadway Roadway - restripe to revise separation between opposing lanes and/or shoulder widths	3.86 Miles	-90000	-90000	HSIP (Section 148)	Urban Minor Arterial	4380	40	State Highway Agency	Roadway Department	Infrastructure Improvements
STP/HSIP-65(19)	Roadway Roadway - restripe to revise separation between opposing lanes and/or shoulder widths	6.79 Miles	55969	55969	HSIP (Section 148)	Urban Principal Arterial - Other	3580	50	State Highway Agency	Roadway Department	Infrastructure Improvements
STP/HSIP-68(33)	Roadway Roadway - restripe to revise separation between opposing lanes and/or shoulder widths	5.16 Miles	-8042.34	-8042.34	HSIP (Section 148)	Rural Minor Arterial	2760	55	State Highway Agency	Roadway Department	Infrastructure Improvements
STP/HSIP-68(42)	Roadway Roadway - restripe to revise separation between opposing lanes and/or shoulder widths	7.7 Miles	239546	239546	HSIP (Section 148)	Rural Principal Arterial - Other	2250	55	State Highway Agency	Roadway Department	Infrastructure Improvements
STP/HSIP-68(43)	Roadway Roadway - restripe to revise separation between opposing lanes and/or shoulder widths	5.05 Miles	29400	29400	HSIP (Section 148)	Multi-Location	0	0	Multi-Location	Roadway Department	Infrastructure Improvements
STP/HSIP-68(44)	Roadway Roadway - restripe to revise	5.23 Miles	94003	94003	HSIP (Section 148)	Rural Minor Arterial	4850	55	State Highway Agency	Roadway Department	Infrastructure Improvements

	separation between opposing lanes and/or shoulder widths				n 148)	Arterial			Agency	e	Improvem ents
STP/HSIP -68(45)	Roadway Roadway - restripe to revise separation between opposing lanes and/or shoulder widths	4.39 Miles	87010	87010	HSIP (Sectio n 148)	Rural Minor Arterial	5240	55	State Highway Agency	Roadway Departur e	Infrastruct ure Improvem ents
STP/HSIP -7(33)	Roadway Roadway - restripe to revise separation between opposing lanes and/or shoulder widths	1.897 Miles	41304	41304	HSIP (Sectio n 148)	Urban Principal Arterial - Other	3820	45	State Highway Agency	Roadway Departur e	Infrastruct ure Improvem ents
STP/HSIP -74(8)	Roadway Roadway - restripe to revise separation between opposing lanes and/or shoulder widths	1.92 Miles	-81.76	-90.51	HSIP (Sectio n 148)	Urban Minor Arterial	7590	40	State Highway Agency	Roadway Departur e	Infrastruct ure Improvem ents
STP/HSIP -76(98)	Roadway Roadway - restripe to revise separation between opposing lanes and/or shoulder widths	3.06 Miles	137514	137514	HSIP (Sectio n 148)	Urban Principal Arterial - Other	7970	50	State Highway Agency	Roadway Departur e	Infrastruct ure Improvem ents
STP/HSIP -80(4)	Roadway Roadway - restripe to revise separation between opposing lanes and/or shoulder widths	11.46 Miles	- 38207.1 7	- 38207.1 7	HSIP (Sectio n 148)	Multi- Location	0	0	Multi- Location	Roadway Departur e	Infrastruct ure Improvem ents
STP/HSIP -84(11)	Roadway Roadway - restripe to revise separation between opposing lanes and/or shoulder widths	13.64 Miles	-12393	-12393	HSIP (Sectio n 148)	Rural Minor Arterial	930	40	State Highway Agency	Roadway Departur e	Infrastruct ure Improvem ents

STP/HSIP-85(24)	Roadway Roadway - restripe to revise separation between opposing lanes and/or shoulder widths	5.55 Miles	118000	118000	HSIP (Section 148)	Rural Minor Arterial	3880	45	State Highway Agency	Roadway Department	Infrastructure Improvements
STP/HSIP-96(47)	Roadway Roadway - restripe to revise separation between opposing lanes and/or shoulder widths	3.94 Miles	15624	15624	HSIP (Section 148)	Multi-Location	0	0	Multi-Location	Roadway Department	Infrastructure Improvements
STP/HSIP-NHE-33(94)	Roadway Roadway - restripe to revise separation between opposing lanes and/or shoulder widths	4.95 Miles	-274.95	-274.95	HSIP (Section 148)	Rural Principal Arterial - Other	8840	40	State Highway Agency	Roadway Department	Infrastructure Improvements
STP/HSIP-NHE-43(36)	Roadway Roadway - restripe to revise separation between opposing lanes and/or shoulder widths	7.47 Miles	25319.43	25319.43	HSIP (Section 148)	Rural Principal Arterial - Other	8650	45	State Highway Agency	Roadway Department	Infrastructure Improvements
STP/HSIP-NHE-5(90)	Roadway Roadway - restripe to revise separation between opposing lanes and/or shoulder widths	7.42 Miles	16145.62	16145.62	HSIP (Section 148)	Rural Principal Arterial - Other	8750	45	State Highway Agency	Roadway Department	Infrastructure Improvements
STP/HSIP-NHE-55(15)	Roadway Roadway - restripe to revise separation between opposing lanes and/or shoulder widths	3.19 Miles	-16799.35	-16799.35	HSIP (Section 148)	Urban Minor Arterial	10830	30	State Highway Agency	Roadway Department	Infrastructure Improvements
STP-NH/HSIP-1(335)	Roadway Roadway - restripe to revise separation between	3.47 Miles	-6887.86	-6887.86	HSIP (Section 148)	Rural Principal Arterial -	10550	65	State Highway Agency	Roadway Department	Infrastructure Improvem

	opposing lanes and/or shoulder widths					Other						ents
STP-NH/HSIP-1(336)	Roadway Roadway - restripe to revise separation between opposing lanes and/or shoulder widths	4.21 Miles	316791	316791	HSIP (Section 148)	Urban Principal Arterial - Other	12590	35	State Highway Agency	Roadway Department	Infrastructure Improvements	
STP-NH/HSIP-34(107)	Roadway Roadway - restripe to revise separation between opposing lanes and/or shoulder widths	8.9 Miles	118850	118850	HSIP (Section 148)	Multi-Location	0	0	Multi-Location	Roadway Department	Infrastructure Improvements	
STP-NH/HSIP-4(10)	Roadway Roadway - restripe to revise separation between opposing lanes and/or shoulder widths	2.19 Miles	9680	10755	HSIP (Section 148)	Urban Principal Arterial - Other	23510	40	State Highway Agency	Roadway Department	Infrastructure Improvements	
STP-NH/HSIP-96(43)	Roadway Roadway - restripe to revise separation between opposing lanes and/or shoulder widths	6.09 Miles	10738.4	10738.4	HSIP (Section 148)	Urban Principal Arterial - Other	16170	55	State Highway Agency	Roadway Department	Infrastructure Improvements	
STP-NH/HSIP-99(50)	Roadway Roadway - restripe to revise separation between opposing lanes and/or shoulder widths	7.07 Miles	68861	68861	HSIP (Section 148)	Rural Principal Arterial - Other	13130	45	State Highway Agency	Roadway Department	Infrastructure Improvements	
STP-SIP/HSIP-438(3)	Roadway Roadway - restripe to revise separation between opposing lanes and/or shoulder widths	9.42 Miles	-3565.21	-3565.21	HSIP (Section 148)	Rural Major Collector	760	35	State Highway Agency	Roadway Department	Infrastructure Improvements	

Progress in Achieving Safety Performance Targets

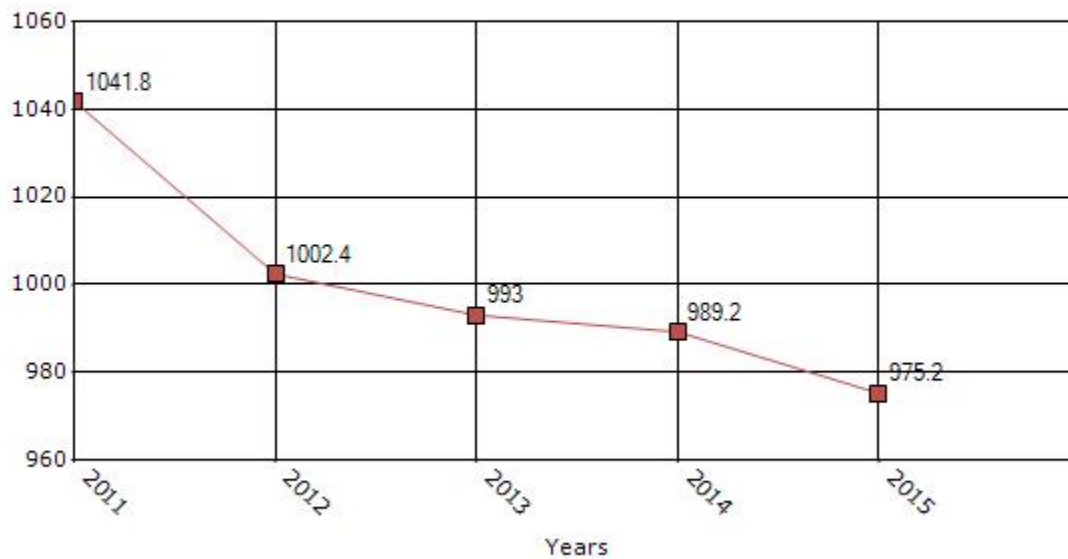
Overview of General Safety Trends

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

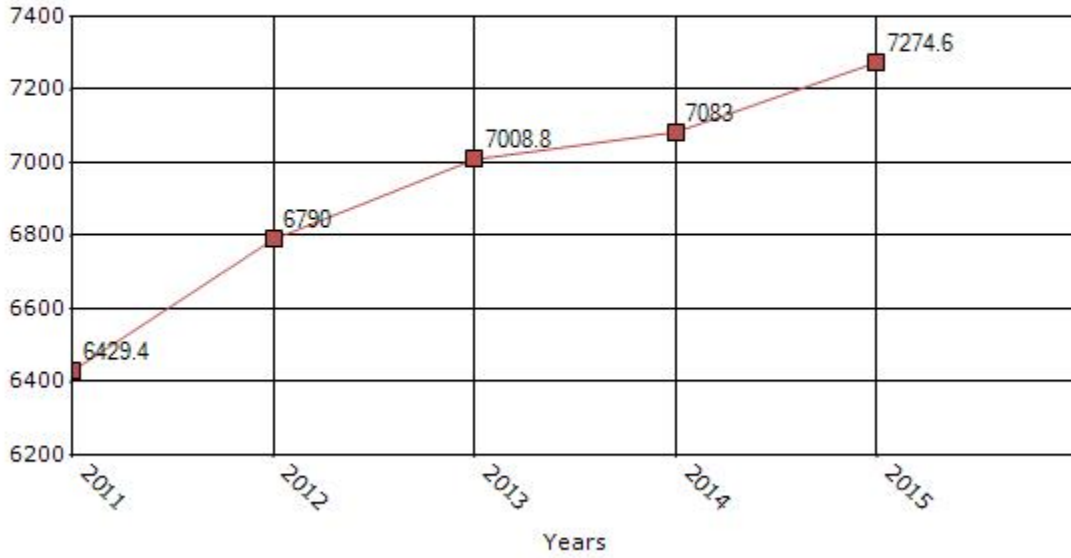
Performance Measures*	2011 (5-yr avg)	2012 (5-yr avg)	2013 (5-yr avg)	2014 (5-yr avg)	2015 (5-yr avg)
Number of fatalities	1041.8	1002.4	993	989.2	975.2
Number of serious injuries	6429.4	6790	7008.8	7083	7274.6
Fatality rate (per HMVMT)	1.48	1.426	1.406	1.392	1.354
Serious injury rate (per HMVMT)	9.126	9.636	9.906	9.952	10.084

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

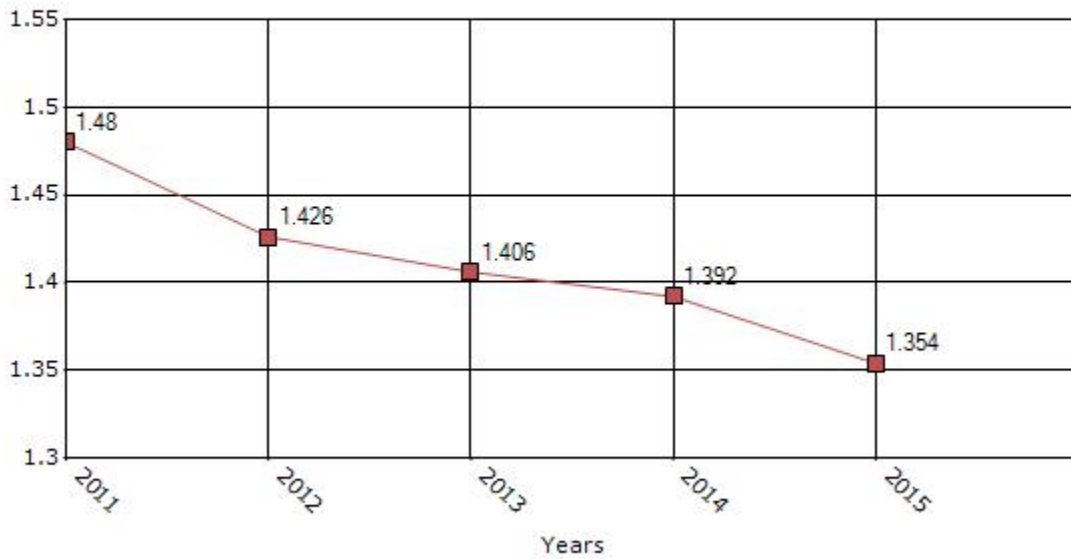
Number of Fatalities for the Last Five Years
5-yr Average Measure Data



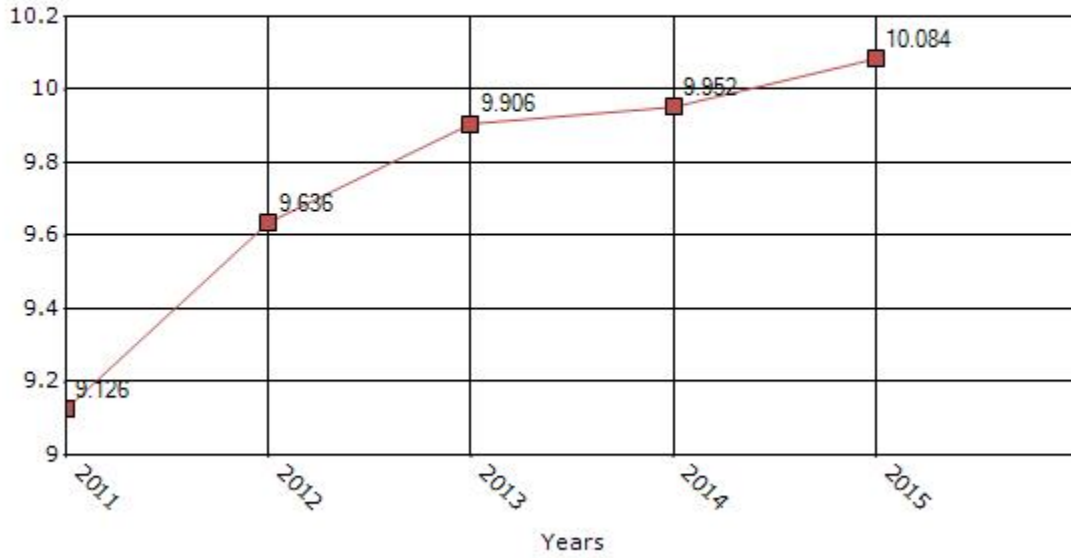
Number of Serious Injuries for the Last Five Years 5-yr Average Measure Data



Rate of Fatalities for the Last Five Years 5-yr Average Measure Data



Rate of Serious Injuries for the Last Five Years 5-yr Average Measure Data



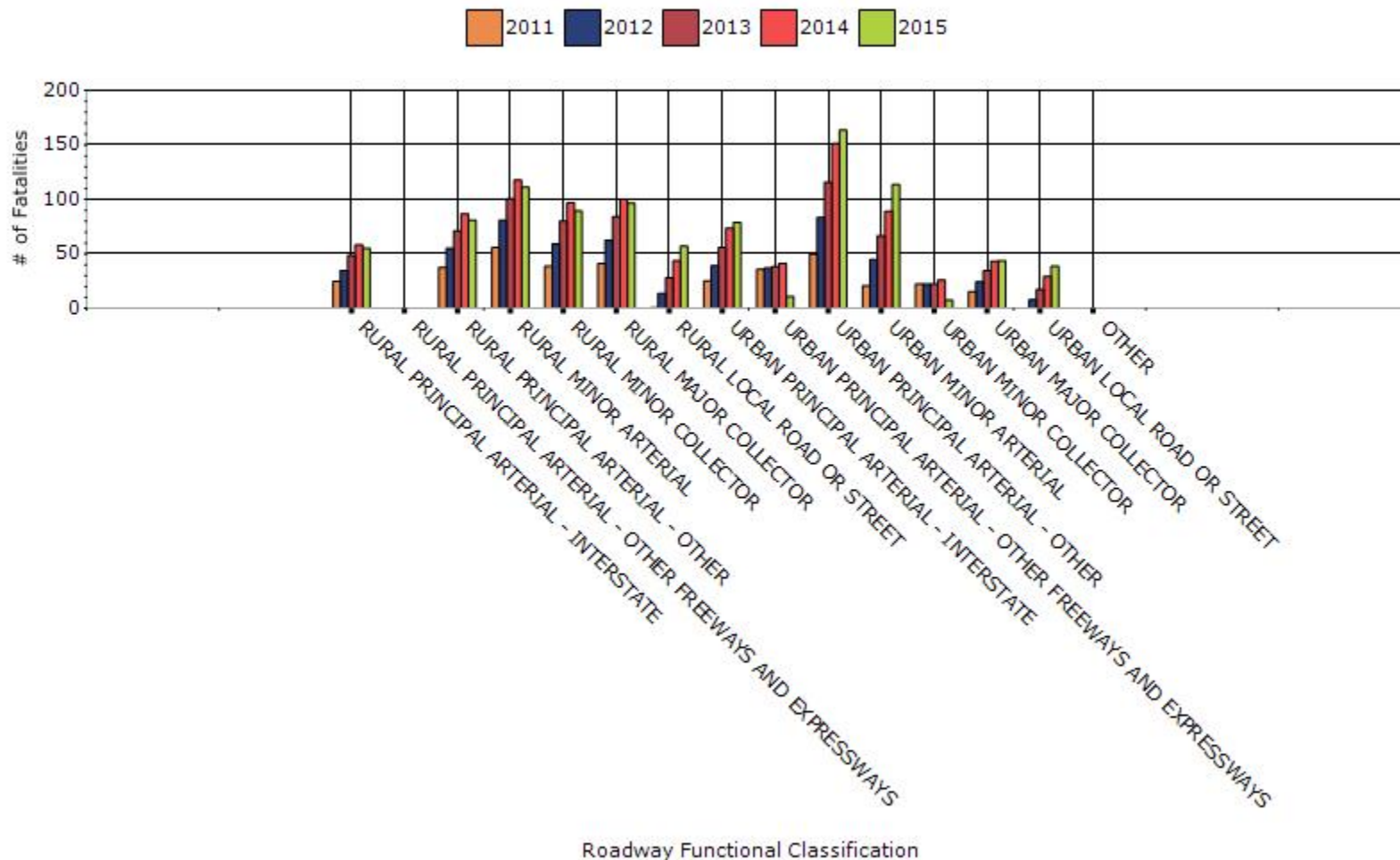
25. To the maximum extent possible, present performance measure data by functional classification and ownership.

Year - 2015

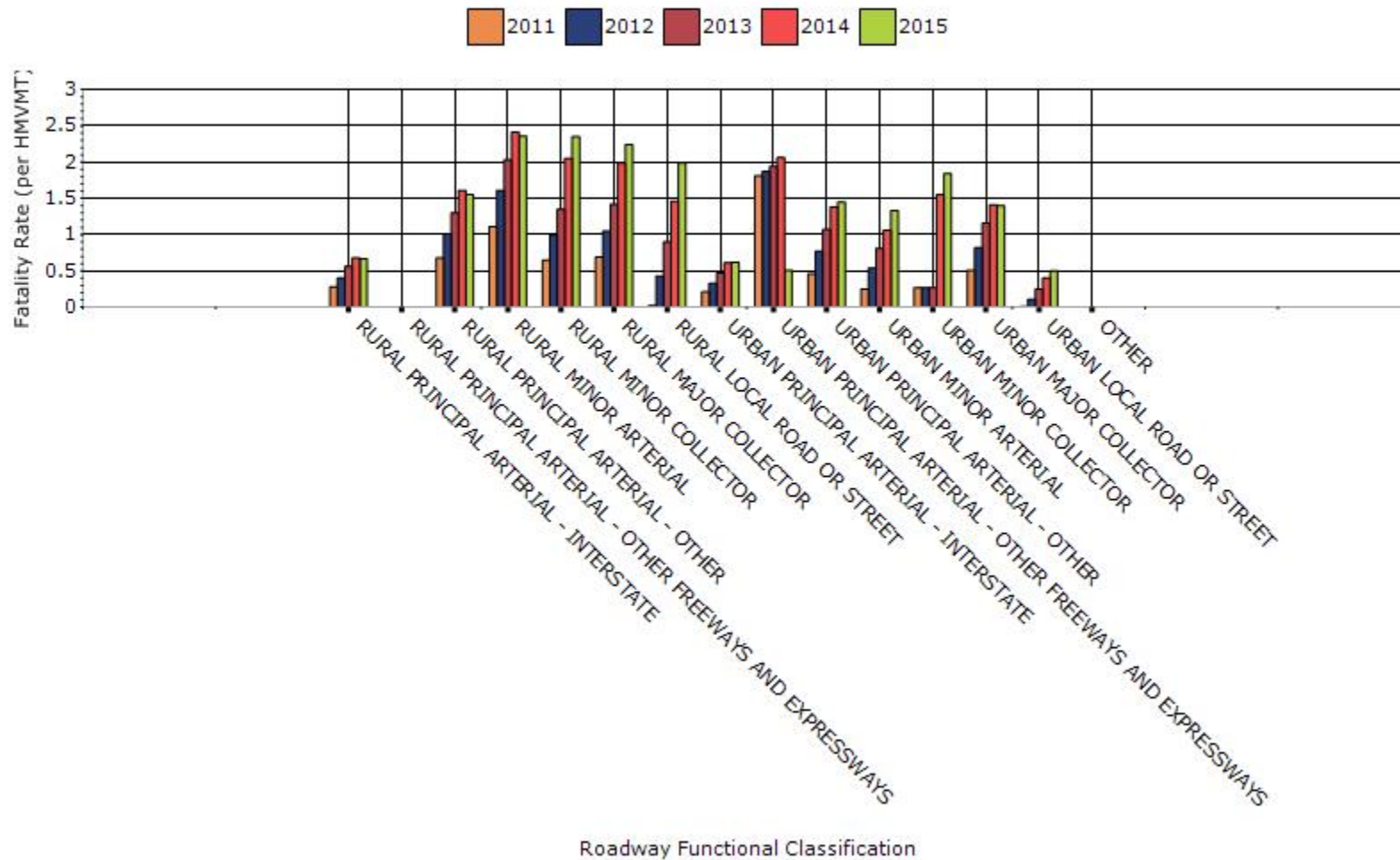
Function Classification	Number of fatalities (5-yr avg)	Number of serious injuries (5-yr avg)	Fatality rate (per HMVMT) (5-yr avg)	Serious injury rate (per HMVMT) (5-yr avg)
RURAL PRINCIPAL ARTERIAL - INTERSTATE	55.2	277.2	0.67	2.69
RURAL PRINCIPAL ARTERIAL - OTHER	81	419	1.55	7.98
RURAL MINOR ARTERIAL	111.4	663.6	2.36	14.06
RURAL MINOR COLLECTOR	89.4	527.8	2.35	13.5
RURAL MAJOR COLLECTOR	96.6	546.6	2.24	10.84
RURAL LOCAL ROAD OR STREET	57	577.6	1.99	19.66
URBAN PRINCIPAL ARTERIAL - INTERSTATE	78.8	409	0.62	3.24
URBAN PRINCIPAL ARTERIAL - OTHER FREEWAYS AND EXPRESSWAYS	11	56	0.51	2.64
URBAN PRINCIPAL ARTERIAL - OTHER	163.6	1544.4	1.45	13.72
URBAN MINOR ARTERIAL	113.6	1109.2	1.33	12.99
URBAN MINOR COLLECTOR	7.4	50.8	1.84	12.92
URBAN MAJOR COLLECTOR	43.8	383	1.4	12.08

URBAN LOCAL ROAD OR STREET	38.6	466.4	0.5	6.21
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Fatalities by Roadway Functional Classification 5-yr Average Measure Data



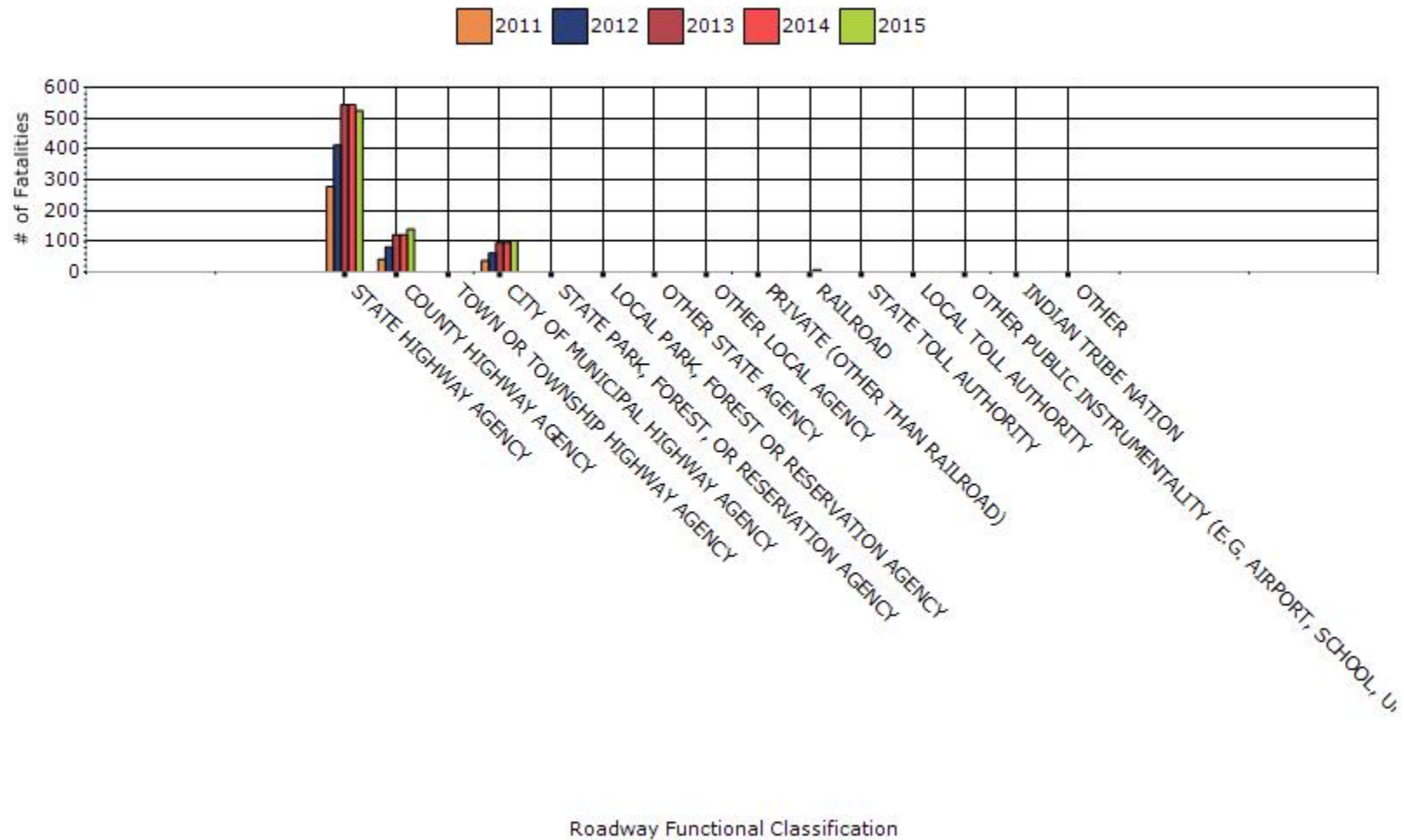
Fatality Rate by Roadway Functional Classification 5-yr Average Measure Data



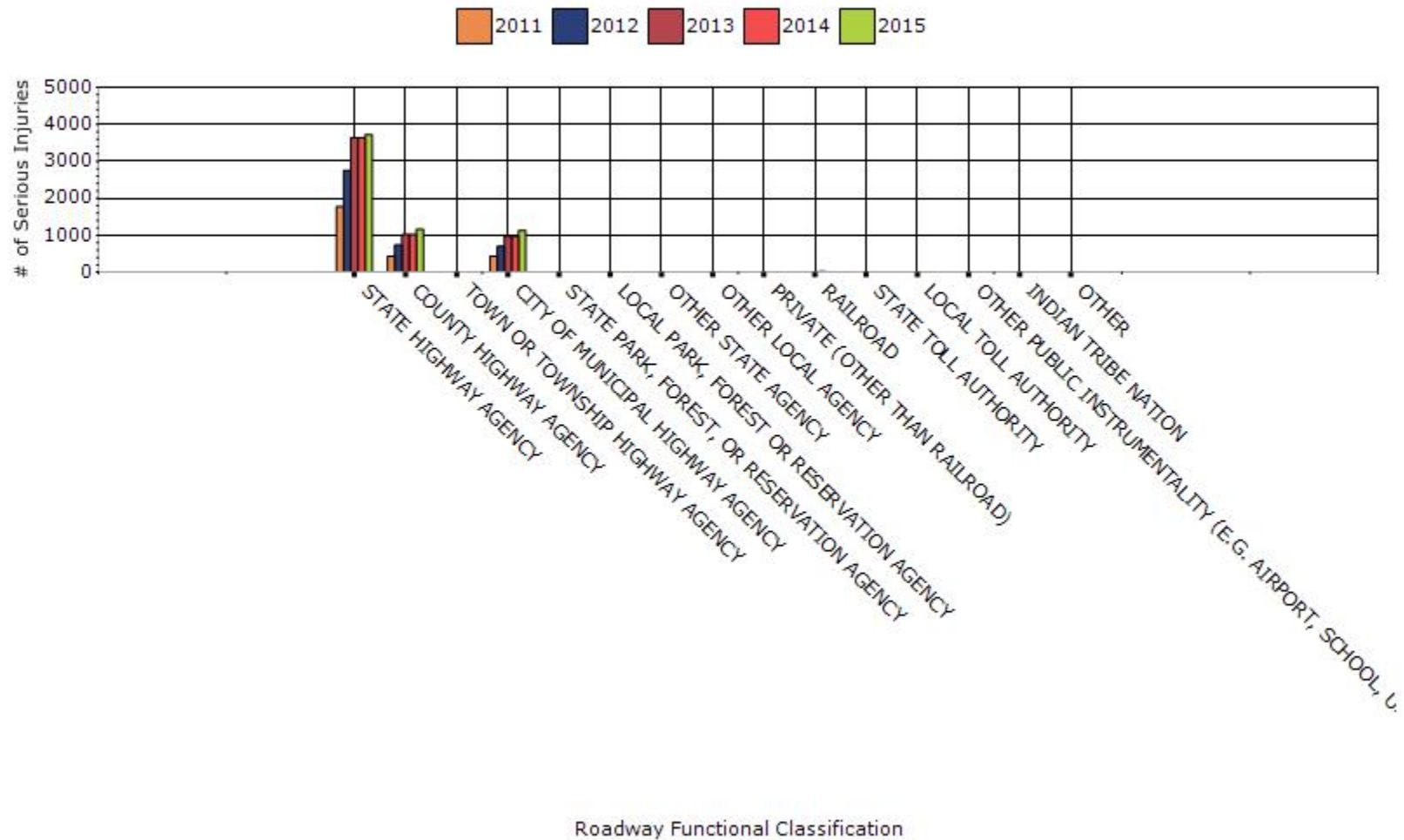
Year - 2015

Roadway Ownership	Number of fatalities	Number of serious injuries	Fatality rate (per HMVMT)	Serious injury rate (per HMVMT)
STATE HIGHWAY AGENCY	524.8	3720.2		
COUNTY HIGHWAY AGENCY	139.6	1158.6		
CITY OF MUNICIPAL HIGHWAY AGENCY	102	1129.8		

Number of Fatalities by Roadway Ownership 5-yr Average Measure Data



Number of Serious Injuries by Roadway Ownership 5-yr Average Measure Data



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

None

Application of Special Rules

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

Older Driver Performance Measures	2010 (5-yr avg)	2011 (5-yr avg)	2012 (5-yr avg)	2013 (5-yr avg)	2014 (5-yr avg)
Fatality rate (per capita)	0.26	0.24	0.23	0.23	0.24
Serious injury rate (per capita)	1.102	1.176	1.26	1.32	1.344
Fatality and serious injury rate (per capita)	1.362	1.418	1.494	1.552	1.58

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

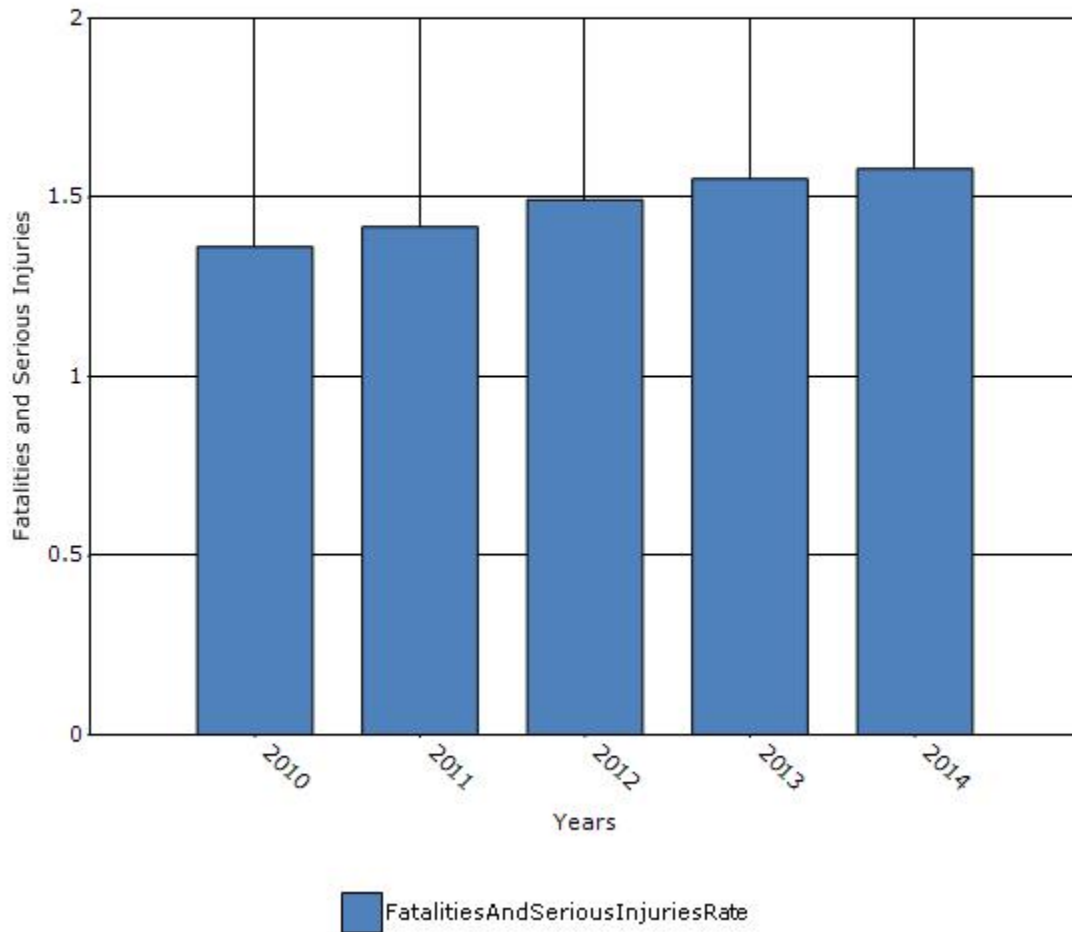
To calculate fatality rate (per capita) for drivers and pedestrians 65 and older:

1) Fatality rate (per capita) Senior related fatals / Number of seniors * 1000 = rate per 1000

2) Serious injury rate (per capita) Senior related serious / Number of seniors * 1000 = rate per 1000

3) Fatal and serious injury rate (per capita) Total Senior fatal and serious / Number of seniors * 1000 = rate per 1000

Rate of Fatalities and Serious Injuries for the Last Five Years 5-yr Average Measure Data



28. Does the older driver special rule apply to your state?

Yes

If yes, describe the approach to include respective strategies to address the increase in those rates in the State SHSP.

Strategies for improving older drivers and pedestrian facilities are in the current Tennessee Strategic Highway Safety Plan (SHSP). Tennessee has updated the SHSP and has included the following program for vulnerable users. TDOT has a program focused on reducing fatalities and serious injuries for this population group. The Yellow Dot Program assists first responders in saving lives. The program is geared toward mature and senior drivers (55 or older), but is open to anyone to participate. The Tennessee Yellow Dot Program is designed to alert first responders at the scene of a vehicle incident or other medical emergency on Tennessee's roadways. The Yellow Dot Decal informs the first responders

that vital medical information is available in the vehicle's glove compartment. Because the program is focused on senior drivers, it is an important countermeasure to address the increased number fatalities and serious injuries in this age group as required by Section 148 of MAP-21.

Tennessee has been implementing the CarFit: Helping Mature Drivers Find Their Safest Fit program since 2010. The Tennessee Highway Safety Office (THSO) has a CarFit trainer and event coordinator as well as 2 technicians on staff.

CarFit is a program created by collaborative partners that include AAA, AARP, and the American Occupational Therapy Association, Inc. (AOTA). This educational program offers older adults the opportunity to check how well their personal cars "fit" them. The program provides information and materials on community-specific resources that could enhance older adults' safety as drivers and/or increase their mobility in the community. As part of the education, each of the participants has an opportunity to work with an occupational therapist to determine whether adaptive devices would support and improve the driving experience for senior drivers. Some examples with photos are included; they include a key extender, leveraging devices, swivel seat cushions, hand controls, panoramic mirrors, convex mirrors, pedal extenders, and leg lift straps.

CarFit is currently being implemented in Tennessee throughout the four regions. The most recent expansion efforts occurred in the western part of the state beginning in April 2016.

The AAA Driver Improvement Program and AARP's senior driver education program are both offered in Tennessee. Senior adults are encouraged to take the program to improve their driving skills to continue driving so they can maintain independent as long as possible. Insurance discounts are offered for the completion of some of these educational programs.

Drive Smart; Live Well is an educational program that was originally designed for use by Tennessee law enforcement officers and driver licensing supervisors; however, the program will be undergoing some updates to allow expansion into senior centers. It was created by the Tennessee Coalition for the Safety of Senior Drivers and funded by Easter Seals Inc. (National Center on Senior Transportation).

Assessment of the Effectiveness of the Improvements (Program Evaluation)

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

Other-Before and after crash studies.

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

Organizational Changes

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

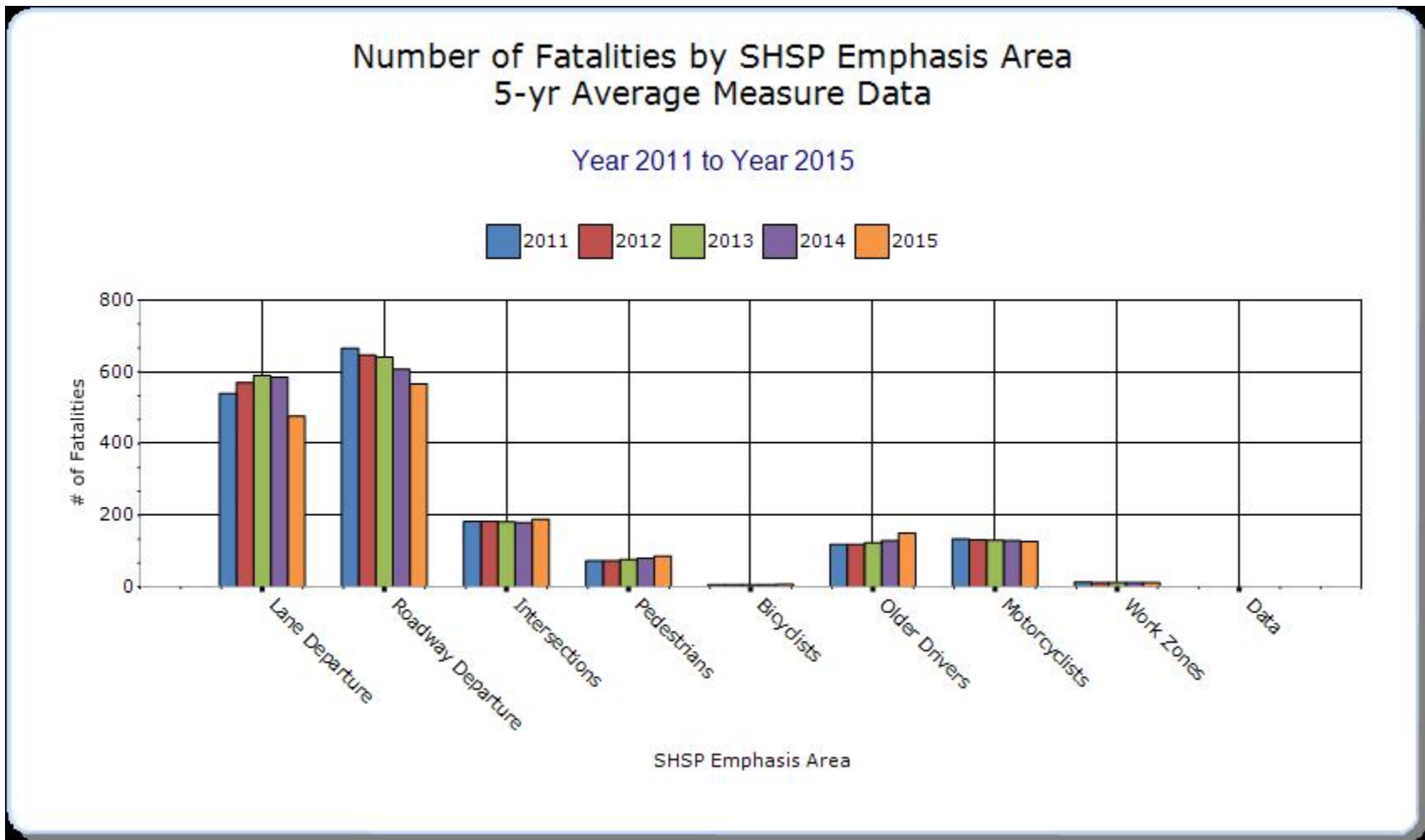
In the Fall of 2015 Strategic Transportation Investments Division reorganized and hired a new safety data manager as well as 2 new regional project safety managers. This allowed for a project safety manager for each of the 4 regions in Tennessee. In the Spring of 2016 a new manager was hired for the Project Safety Office as a whole. Additionally, the Governor's Highway Safety Office moved from the Tennessee Dept of Transportation to the Tennessee Dept of Safety and Homeland Security and was renamed the Tennessee Highway Safety Office (THSO). There is currently an interim director over the THSO and the Tennessee Dept of Safety and Homeland Security has recently named a new commissioner.

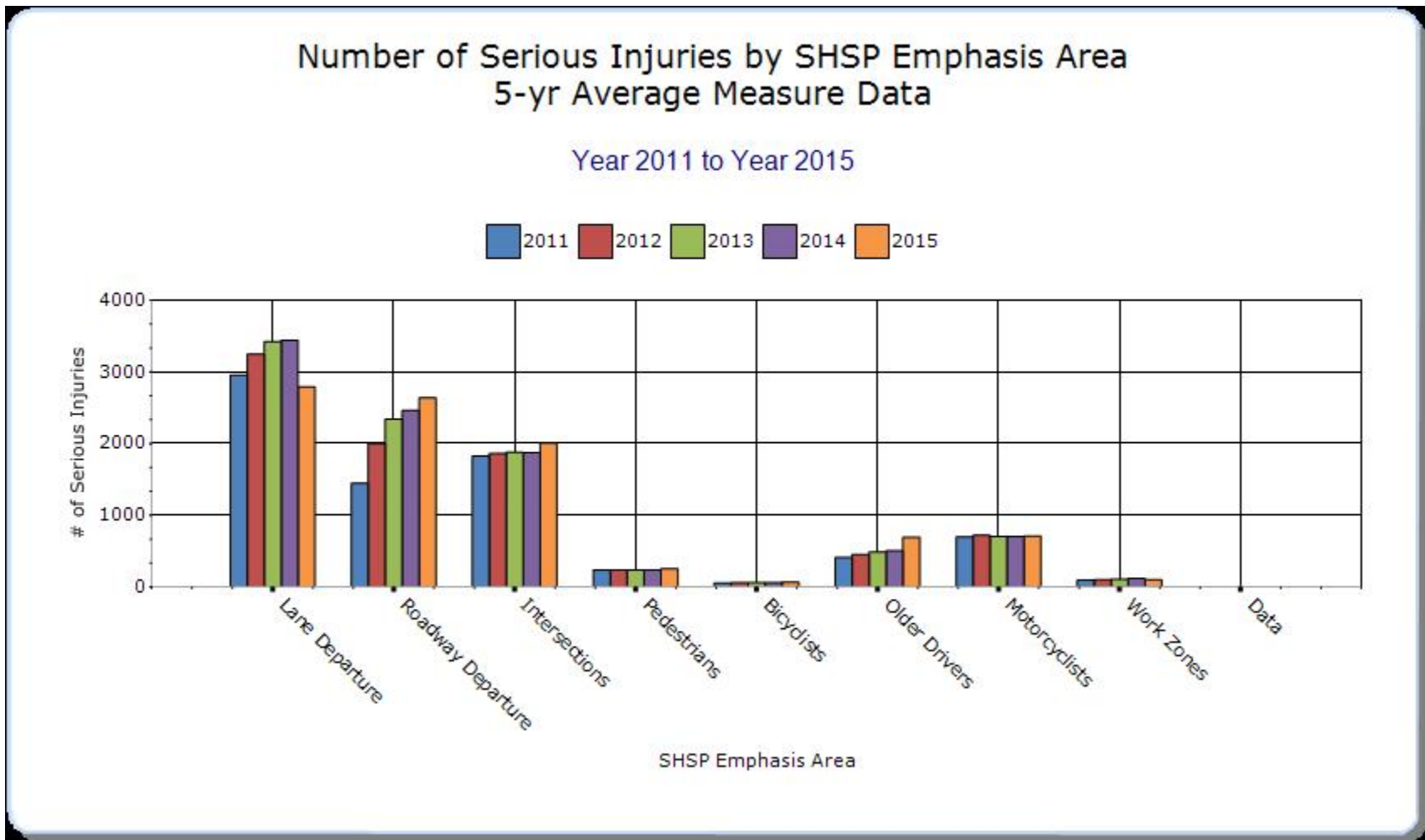
SHSP Emphasis Areas

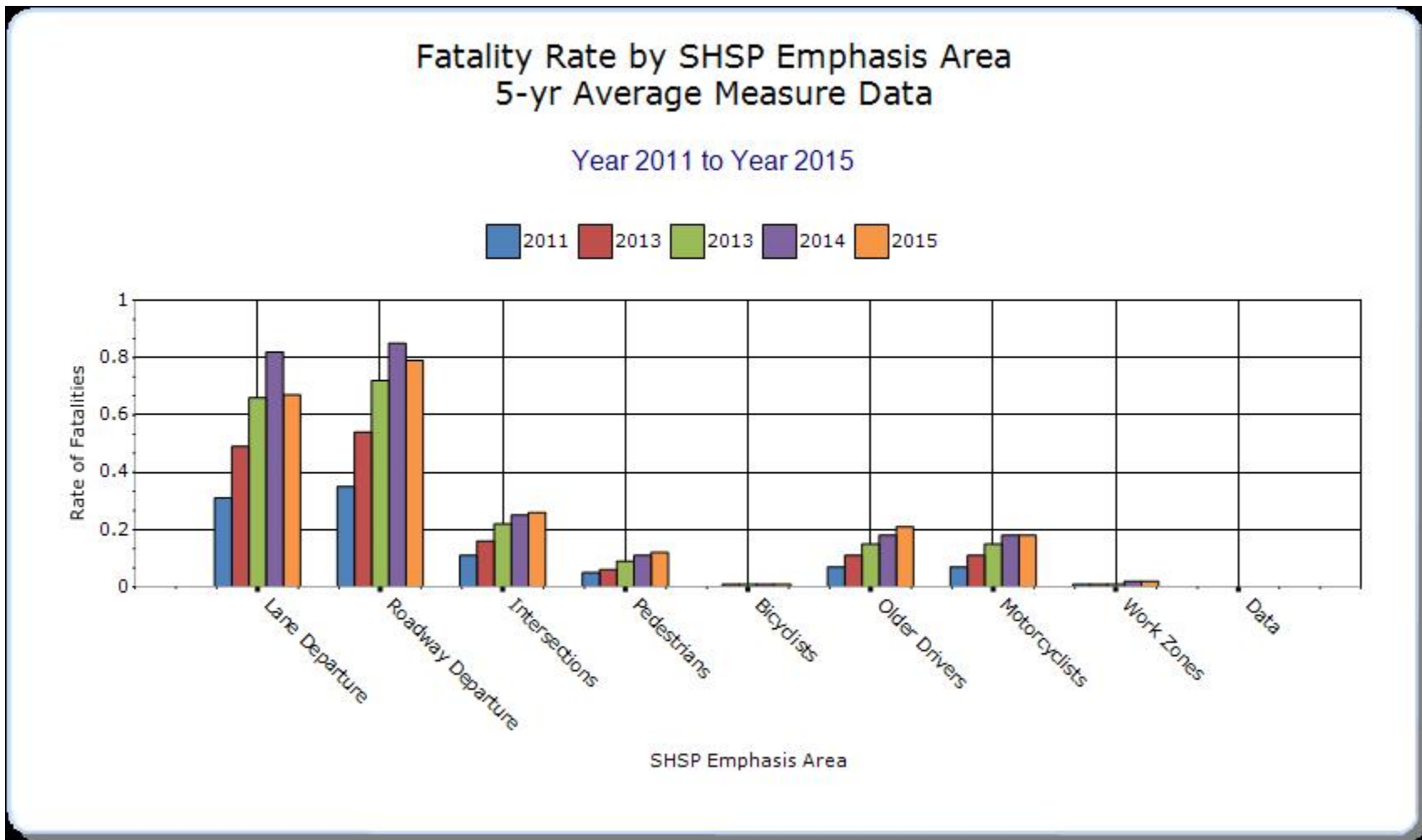
32. Present and describe trends in SHSP emphasis area performance measures.

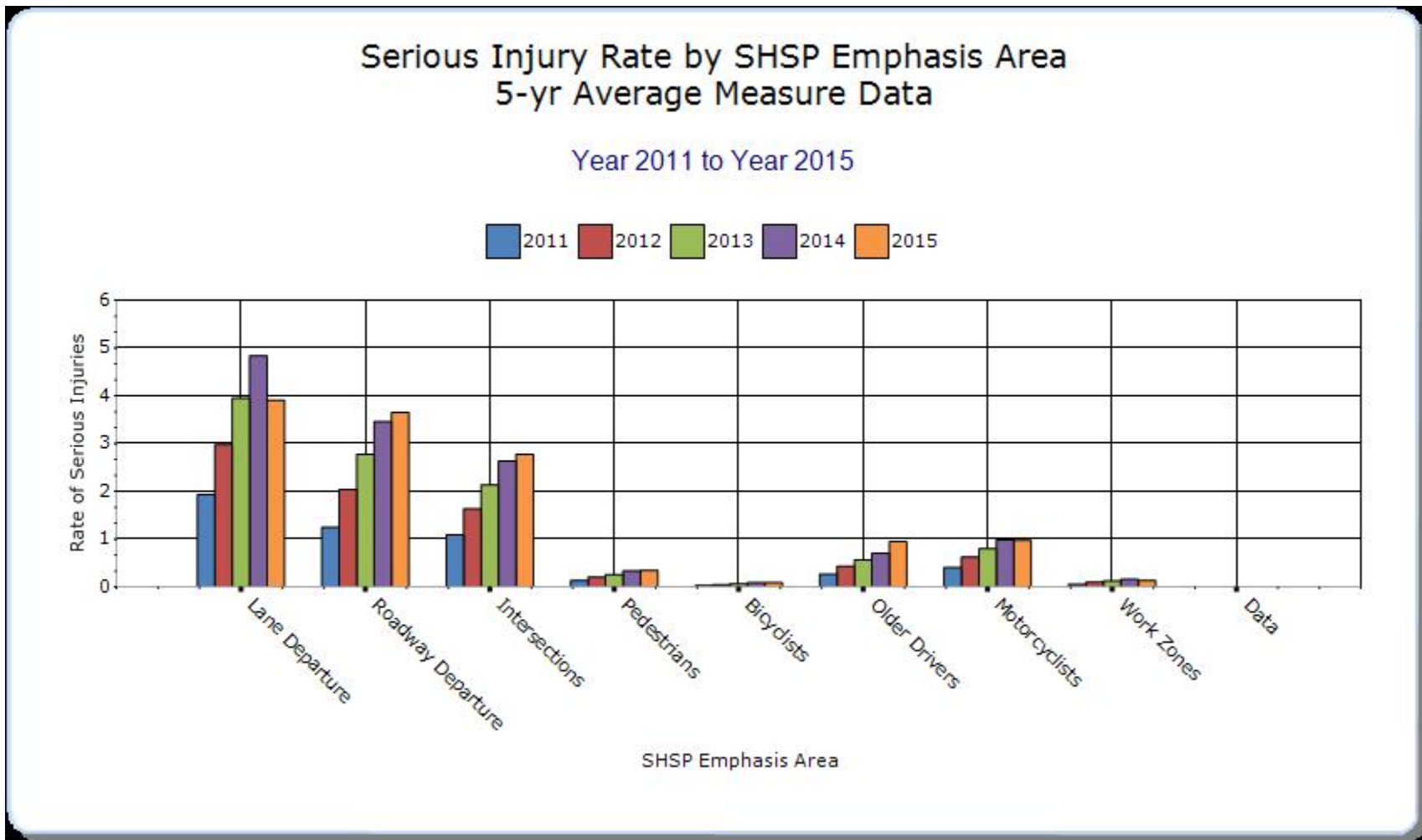
Year - 2015

HSIP-related SHSP Emphasis Areas	Target Crash Type	Number of fatalities (5-yr avg)	Number of serious injuries (5-yr avg)	Fatality rate (per HMVMT) (5-yr avg)	Serious injury rate (per HMVMT) (5-yr avg)	Other-1 (5-yr avg)	Other-2 (5-yr avg)	Other-3 (5-yr avg)
Roadway Departure	All	566.8	2638.4	0.79	3.65			
Intersections	Intersections	188.8	2010.6	0.26	2.78			
Pedestrians	Vehicle/pedestrian	86.4	255.8	0.12	0.35			
Bicyclists	Vehicle/bicycle	7.2	66.8	0.01	0.09			
Older Drivers	All	150	695.2	0.21	0.95			
Motorcyclists	Motorcycle	127.4	711.4	0.18	0.98			
Work Zones	Work Zone	11.8	101	0.02	0.14			







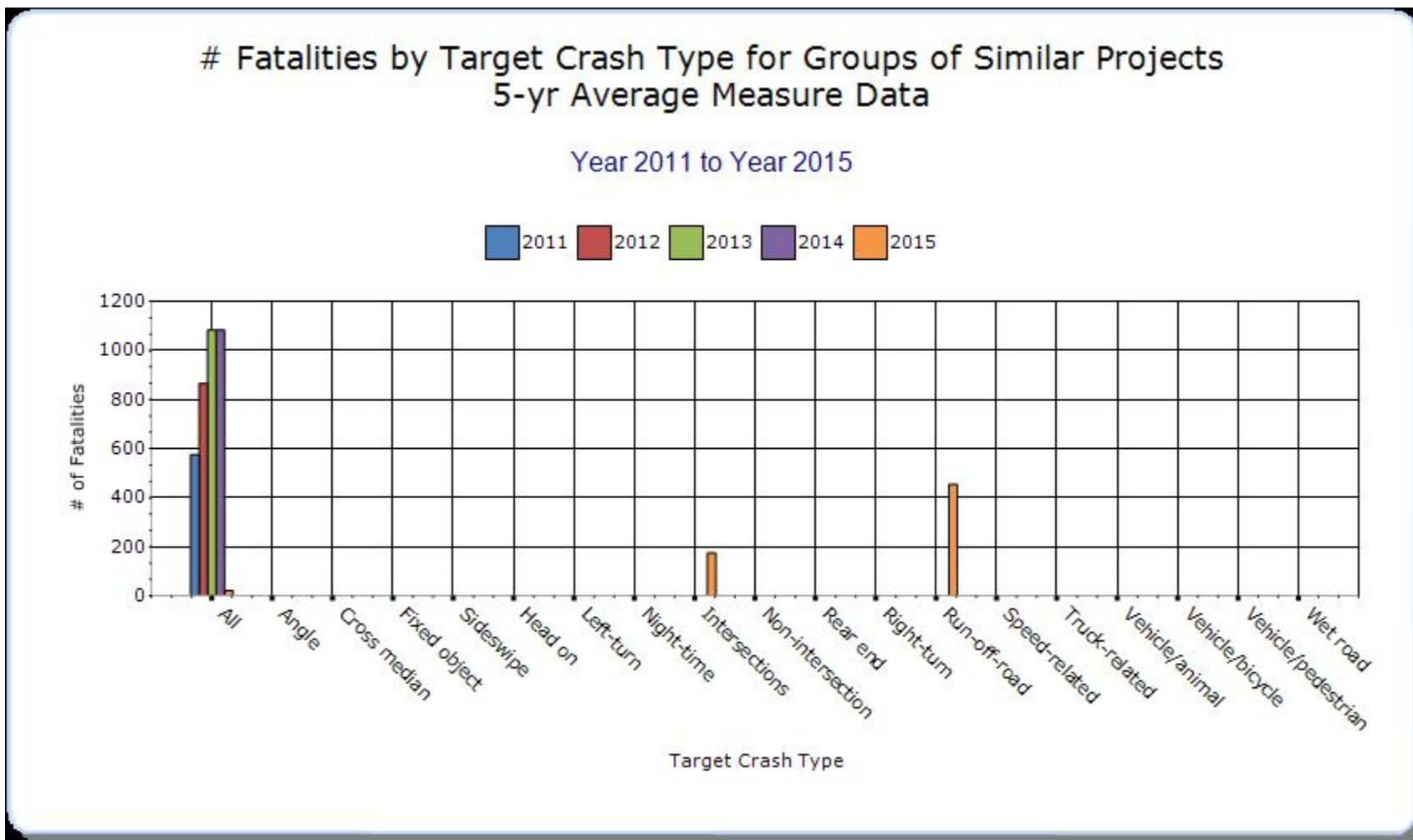


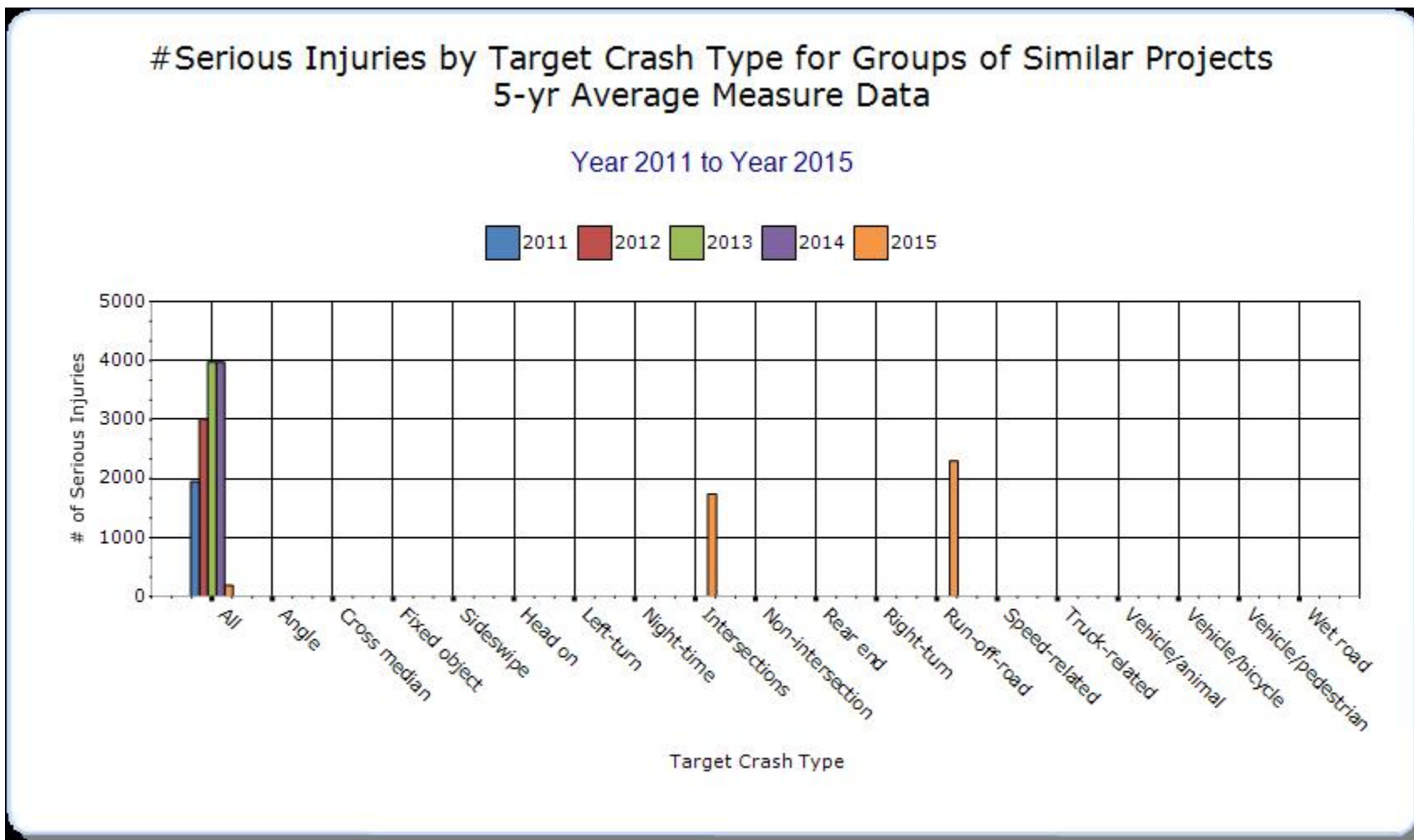
Groups of similar project types

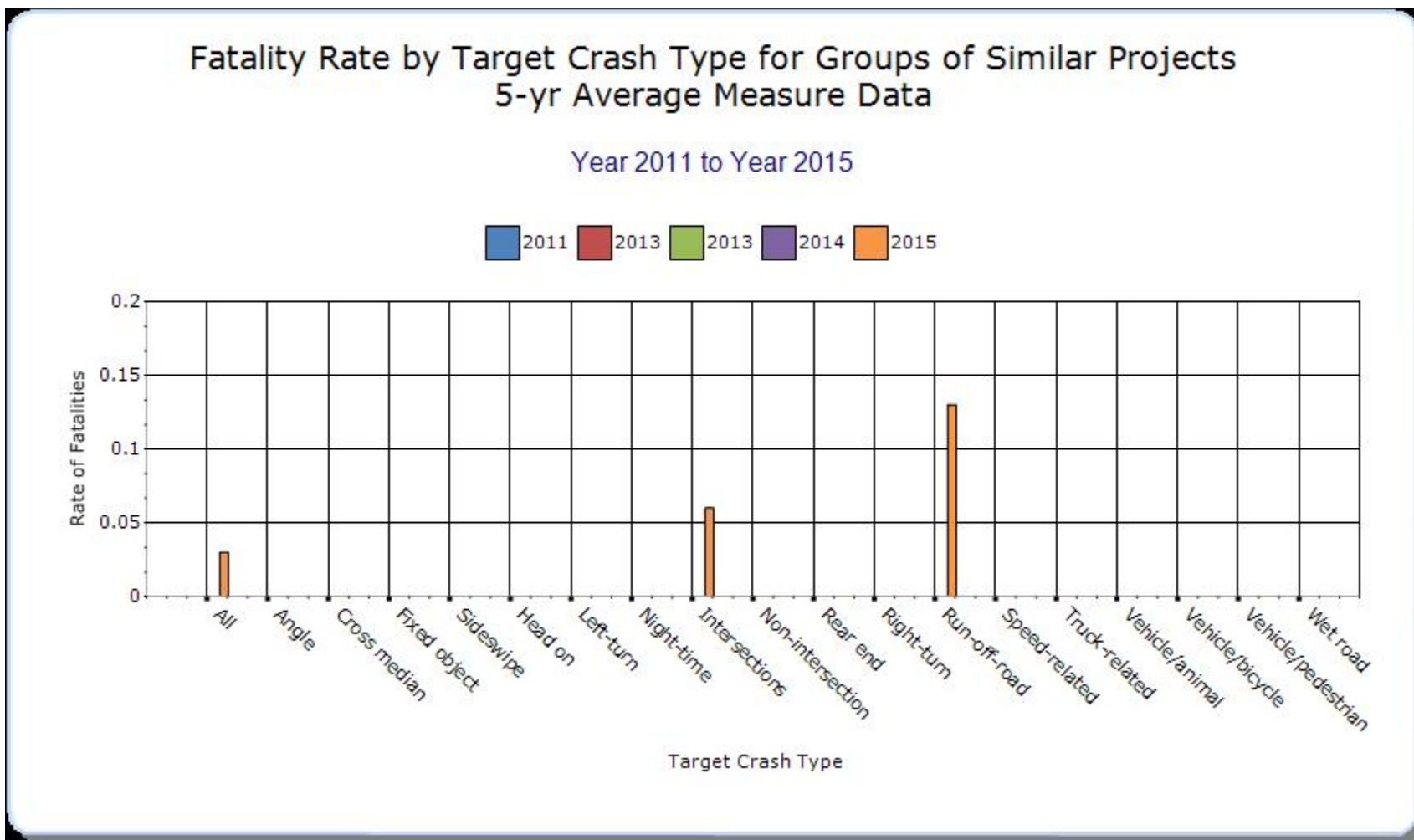
33. Present the overall effectiveness of HSIP subprograms.

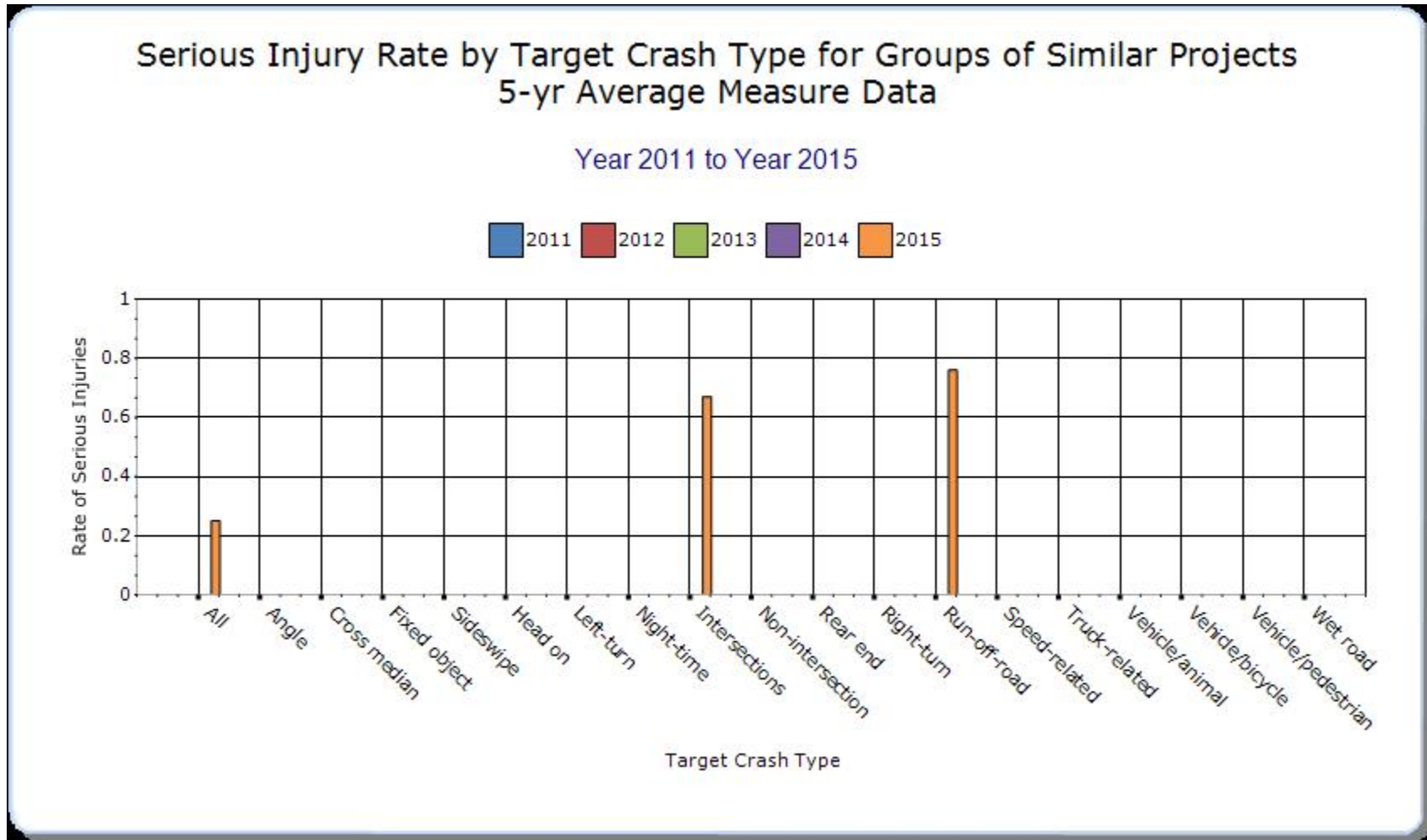
Year - 2015

HSIP Sub-program Types	Target Crash Type	Number of fatalities (5-yr avg)	Number of serious injuries (5-yr avg)	Fatality rate (per HMVMT) (5-yr avg)	Serious injury rate (per HMVMT) (5-yr avg)	Other-1 (5-yr avg)	Other-2 (5-yr avg)	Other-3 (5-yr avg)
Roadway Departure	Run-off-road	454.2	2296.8	0.13	0.76			
Other-Ramp Queue		286.4	99.8	0.01	0.03			
Local Safety	All	22	189.8	0.03	0.25			
Other-High-friction Surface Safety Initiative								
Intersection	Intersections	174.6	1735	0.06	0.67			







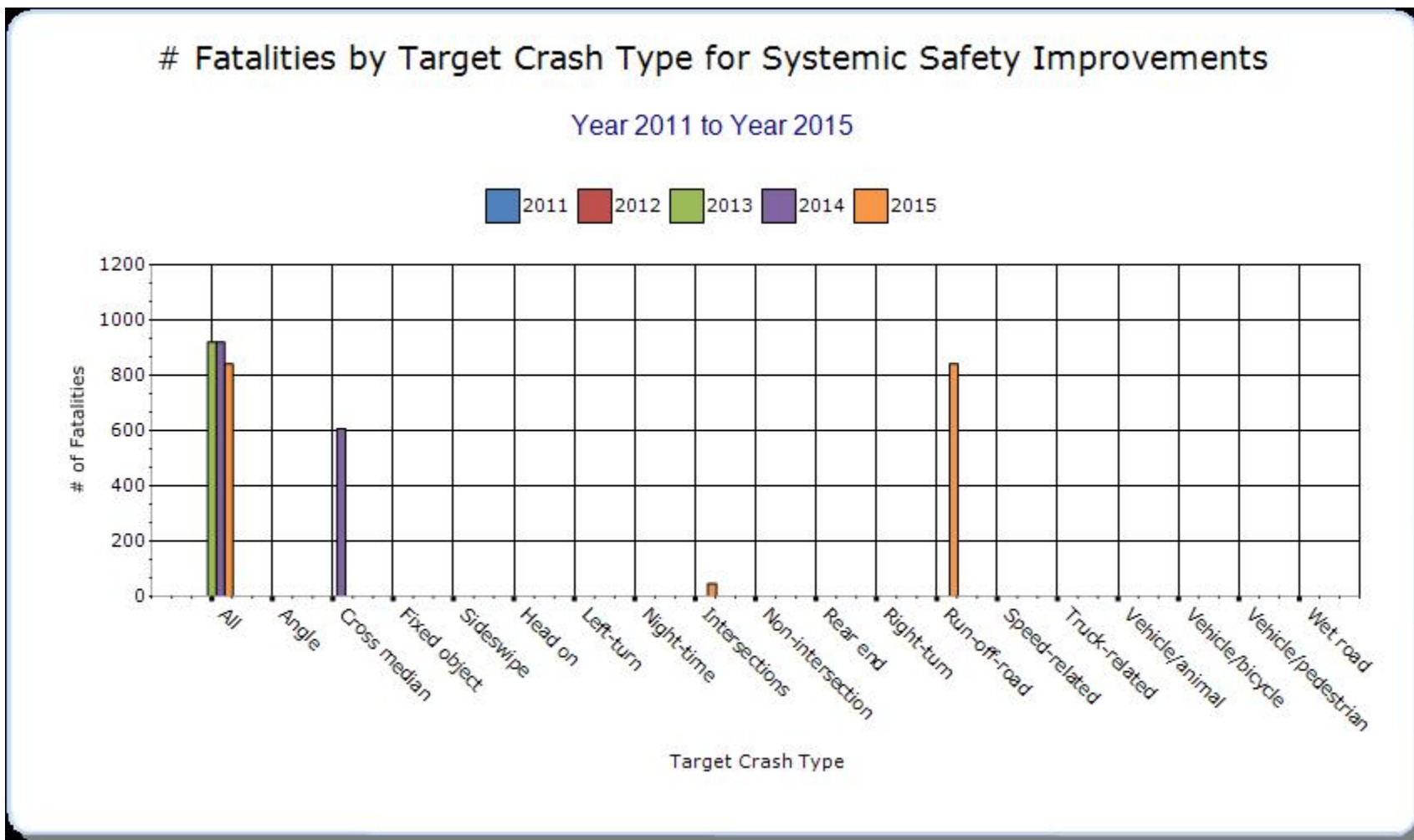


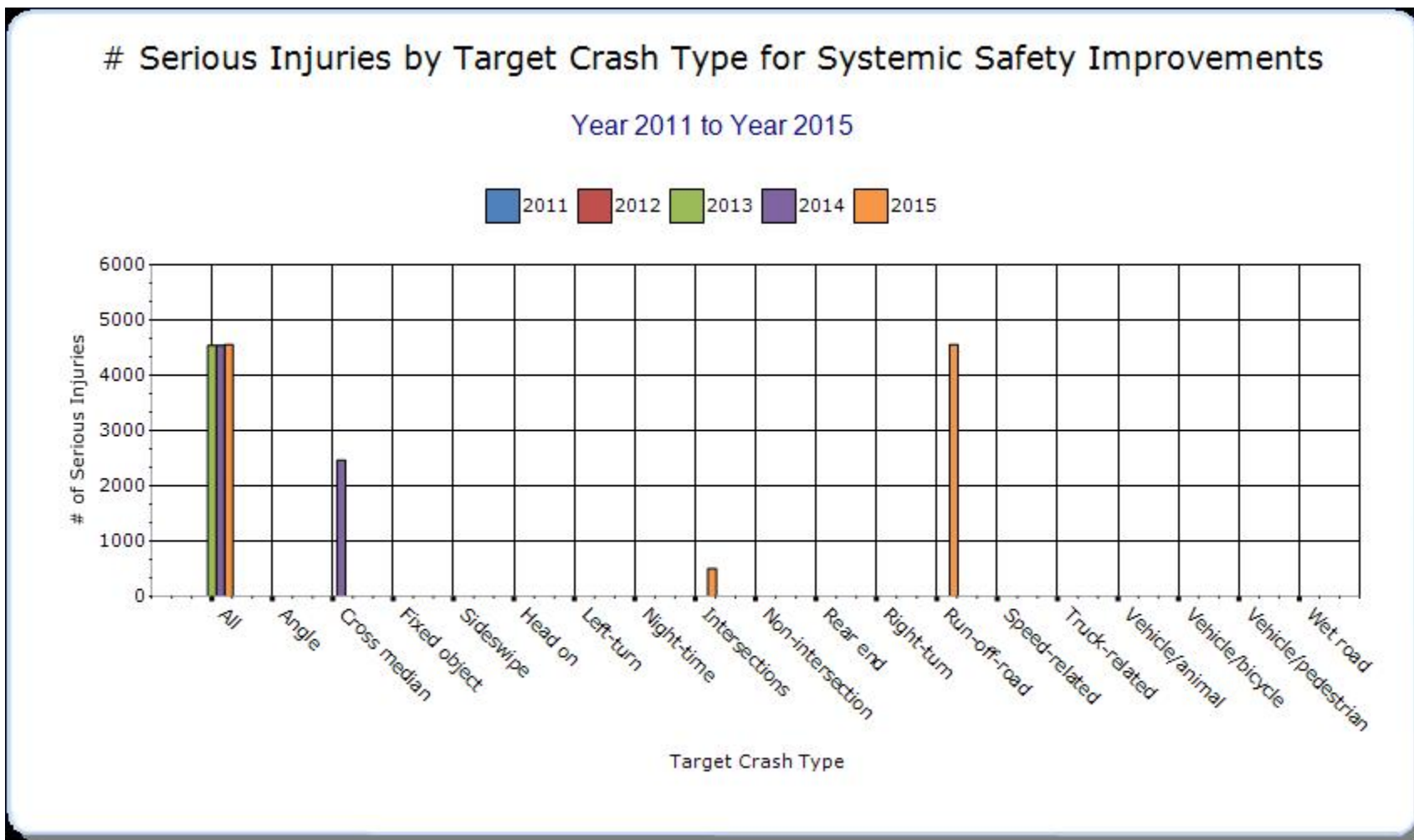
Systemic Treatments

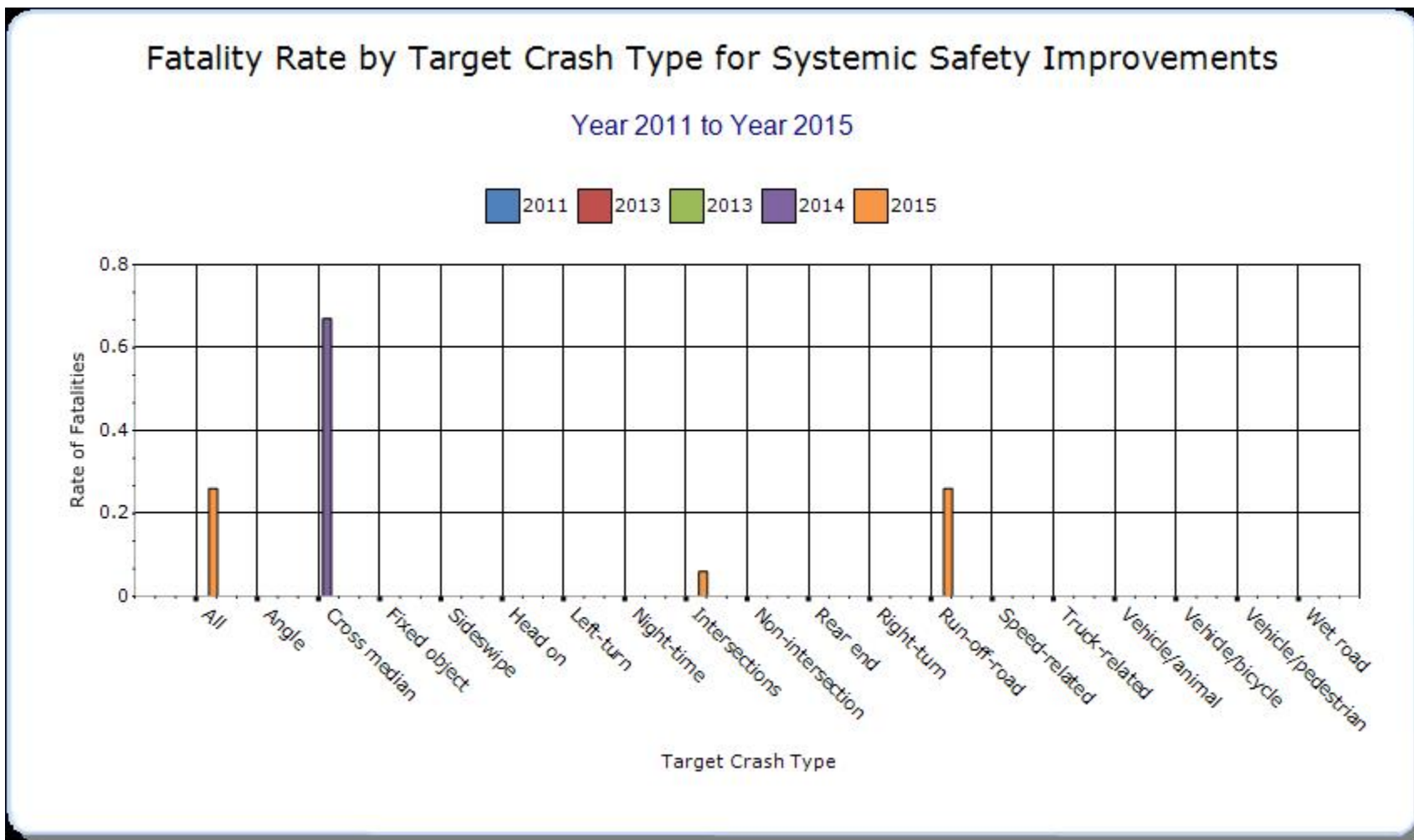
34. Present the overall effectiveness of systemic treatments.

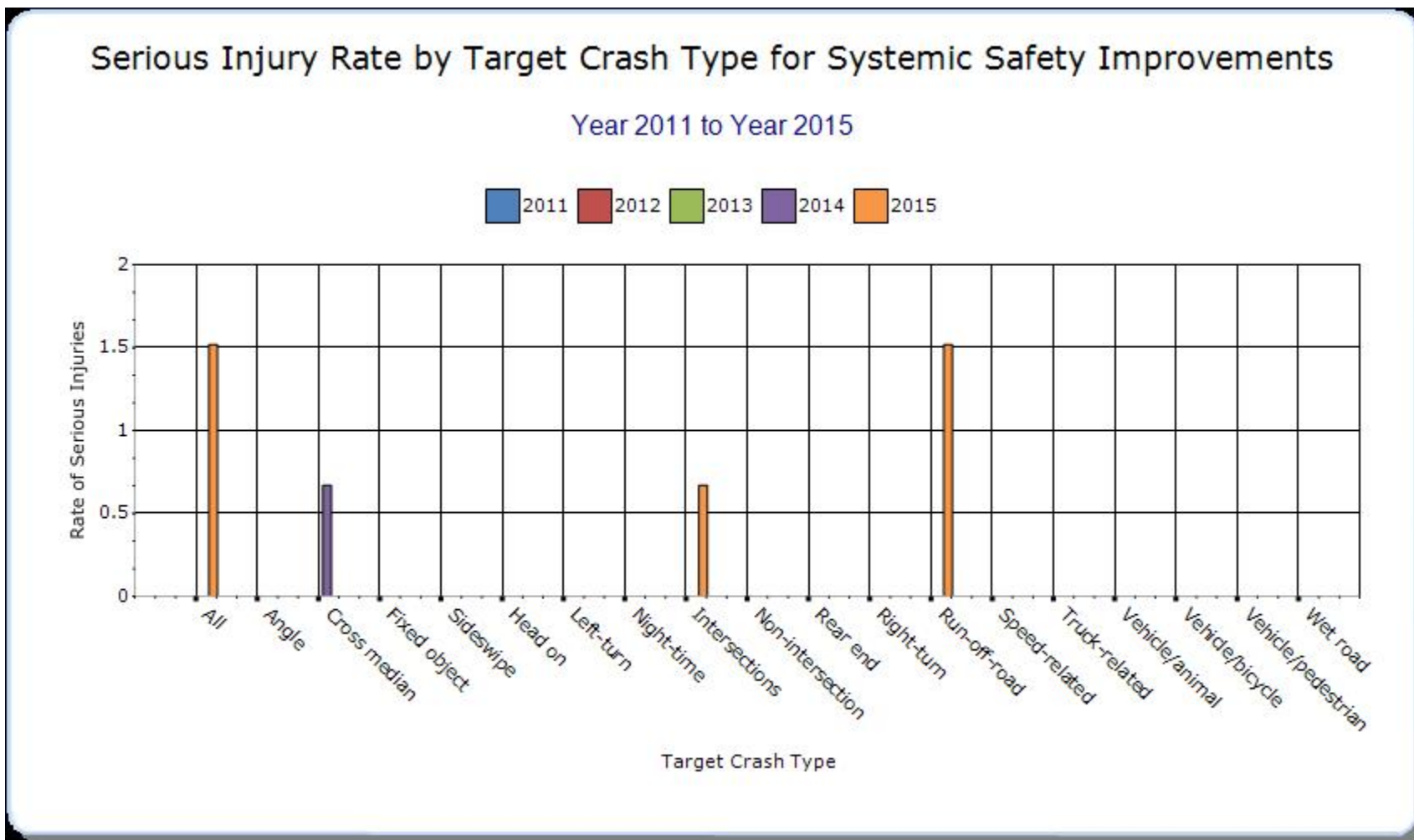
Year - 2015

Systemic improvement	Target Crash Type	Number of fatalities (5-yr avg)	Number of serious injuries (5-yr avg)	Fatality rate (per HMVMT) (5-yr avg)	Serious injury rate (per HMVMT) (5-yr avg)	Other-1 (5-yr avg)	Other-2 (5-yr avg)	Other-3 (5-yr avg)
Install/Improve Pavement Marking and/or Delineation	All	421	2278	0.13	0.76			
Roadway Departure Safety Implementation Plan	Run-off-road	421	2278	0.13	0.76			
Install/Improve Signing	All	421	2278	0.13	0.76			
Intersection Action Plan (IAP)	Intersections	46.8	504.8	0.06	0.67			
High Friction Surface Treatment	Run-off-road	421	2278	0.13	0.76			









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

None

Project Evaluation

36. Provide project evaluation data for completed projects (optional).

Location	Functional Class	Improvement Category	Improvement Type	Bef-Fatal	Bef-Serious Injury	Bef-All Injuries	Bef-PDO	Bef-Total	Aft-Fatal	Aft-Serious Injury	Aft-All Injuries	Aft-PDO	Aft-Total	Evaluation Results (Benefit/Cost Ratio)
Cocke SR160	Rural Major Collector	Roadway signs and traffic control	Roadway signs and traffic control - other	2	2	15	24	43		1	8	26	35	
JeffersonSR9	Rural Major Collector	Roadway signs and traffic control	Roadway signs and traffic control - other		3	4	15	22		1	3	16	20	

Cumberland 1170	Urban Minor Collector	Roadway signs and traffic control	Roadway signs and traffic control - other		1	5	12	18		2		7	9	
Davidson 386	Urban Principal Arterial - Other Freeways and Expressways	Intersection geometry	Auxiliary lanes - add acceleration lane	1	2	113	244	360		8	91	189	288	
DavidsonSR45	Urban Principal Arterial - Other	Intersection geometry	Auxiliary lanes - add left-turn lane	1		8	14	23			4	13	17	
RutherfordSR96	Urban Principal Arterial - Other	Intersection traffic control	Systemic improvements - signal-controlled		2	24	116	142			24	104	128	

ShelbySR1	Urban Principal Arterial - Other	Intersection traffic control	Systemic improvements - signal-controlled		1	4	20	25		1	3	6	10	
Grainger SR131	Rural Minor Collector	Roadway signs and traffic control	Roadway signs (including post) - new or updated		4	12	20	36		1	12	14	27	
HawkinsSR113	Rural Major Collector	Roadway	Roadway - other		2	13	17	32	1		4	11	16	
SevierSR339	Rural Major Collector	Roadway signs and traffic control	Curve-related warning signs and flashers		2	15	36	53	1	4	9	28	42	

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.

Systematic refers to an approach where an agency deploys countermeasures at all locations across a system.

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.