



TENNESSEE

HIGHWAY SAFETY IMPROVEMENT PROGRAM

2024 ANNUAL REPORT



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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. 407 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.”

Executive Summary

The Project Safety Office (PSO) within the Tennessee Department of Transportation (TDOT)-Traffic Design Division is responsible for managing the Highway Safety Improvement Program, updating of the Strategic Highway Safety Plan (SHSP) and commissions the development of safety reviews, roadway safety audits (RSA) and other assorted safety programs statewide. The HSIP programs are defined with specific criteria eligibility with a data-driven crash analysis process. The PSO collaborates with multiple divisions internal to TDOT for program delivery as well as external federal/state agencies, local agencies, and numerous safety partners statewide to identify and develop safety projects to address fatal and serious injury crashes in Tennessee.

TDOT is integrating the project safety office into the Traffic Design Division. This integration will bring a greater focus on safety to all aspects of traffic design and broader project development of the HSIP process. TDOT rebuilt the Multimodal Priority Tool, a VRU crash screening tool designed to facilitate a deep dive into the characteristics of high-risk crash areas. TDOT Traffic Design Safety Data Section is continuing the rollout of AASHTOWare Safety to include predictive analysis.

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 Reporting Guidance dated December 29, 2016 and consists of five sections: program structure, progress in implementing highway safety improvement projects, progress in achieving safety outcomes and performance targets, effectiveness of the improvements and compliance assessment.

Program Structure

Program Administration

Describe the general structure of the HSIP in the State.

TDOT's HSIP programs and initiatives include road safety audits, local road safety, ramp queues, pedestrian safety, and safety countermeasures implemented when resurfacing.

Road Safety Audits (RSA)

Addresses a variety of safety concerns for locations experiencing crash rates higher than statewide averages.

Qualifying criteria for RSA's applies to:
All functionally classified public roads

Segments - Spot, Section, or Corridor

Analysis Period: three (3) years

Length: less than 5 miles

Minimum number of crashes: five(5)

All functionally classified public roads

One (1) fatal or incapacitating injury crash and ratio of severe crash rate greater than 1.0, Or at least 25% lane departure type crashes

Intersections

Non-signalized (rural or urban)

One (1) fatal crash, or two (2) or more incapacitating crashes, or one (1) incapacitating pedestrian or bicycle crash

Signalized (rural or urban)

One (1) fatal crash, or one (1) incapacitating pedestrian or bicycle crash

Non-signalized Rural Collector or Rural Local Only

One (1) fatal and/or one (1) incapacitating injury crash

Three (3) or more crashes, or

Five (5) or more crashes with 50% other than rear end crashes

Non-signalized (Urban only)

Fifteen (15) or more crashes with 50% other than rear end crashes

Signalized

One (1) or more incapacitating angle crashes, or urban, twenty-four (24) or more crashes with 50% other than rear end crashes, or rural, seven (7) or more crashes with 50% other than rear end crashes

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Local Road Safety Initiative

Addresses a variety of safety concerns for non-interstate and state route segments located outside an urban and MPO boundary experiencing crash rates higher than statewide averages.

Qualifying criteria:

The location cannot exist within the area represented by a MPO or an urban boundary.

The location must experience a minimum of five (5) crashes with at least one (1) of the crashes classified as a severe crash (incapacitating injury crash or fatal crash).

The location's calculated severe crash rate must equal or exceed the statewide average severe crash rate for similar facilities.

Ramp Queue Program

Addresses queueing concerns of ramps spilling back onto the main travel lanes of full access-controlled facilities.

Qualifying criteria:

Potential ramp queue candidate projects originate from notification of queues at ramp locations made by TDOT Headquarter and Region personnel (either randomly or through TDOT's Annual Queue Inspection), public agencies, and the traveling public. For the location to qualify for the Ramp Queue Program, photographic evidence of the ramp's queue spilling back into the main travel lanes of the access controlled facility must be obtained by TDOT or provided by others to TDOT. It should be noted that crash related criteria is not associated with qualification.

Pedestrian Road Safety Initiative

The Pedestrian Road Safety Initiative (PRSI) goal is to create safer roadways for pedestrians.

The Pedestrian Road Safety Initiative (PRSI) objective is to reduce the number of fatal and severe pedestrian crashes by identifying safety concerns and implementing countermeasures consistent with FHWA's Pedestrian Safety Guide and Countermeasure Selection System (PEDSAFE) and FHWA's Safe Transportation for Every Pedestrian (STEP) Initiative.

Qualifying criteria:

Qualification of a location for this program is based on its score and ranking by the TDOT Pedestrian Safety Prioritization Tool. The TDOT Pedestrian Safety Prioritization Tool scores and ranks both high-risk intersections and high-risk corridors based on the following criteria:

- **Safety (40%):** This component is weighted the highest and includes two items: scoring corridors and intersections based on crash frequency and crash severity within the past five years. Highest scores are given to locations that have a high number of pedestrian crashes and a high number of severe crashes (fatality and serious injury).

- **Infrastructure (30%):** This component examines the built environment and is a measure of the level of pedestrian ease, comfort, and safety. Roadway features included in the analysis are the following:

- o Traffic volume (AADT)

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- o Speed limits
- o Number of lanes
- o Intersection control type
- o Presence of sidewalks and bike lanes

· **Equity (15%):** This component includes a Statewide Environmental Justice Index and is calculated using nine criteria acquired from American Community Survey (ACS) 2018 5-year estimates. Each environmental justice category is calculated as the percent of the total population for a given Block Group and the average of those percentages is calculated for a raw environmental justice score. This score is normalized 1 – 5. Populations include the following:

- o Youth under 18
- o Populations 65 and over
- o Minority
- o Hispanic
- o No Car Households
- o Below Poverty
- o Less than High School Diploma
- o Low-Proficiency English-Speaking
- o Persons with Disabilities

· **Pedestrian Demand (15%):** This component is a weighted composite of various geospatial features that reflect a high concentration of pedestrian trip generators and attractors. The features include the following:

- o Population density
- o Employment density
- o Active commuters (walk, bike, transit to work)
- o Points of interest (parks, recreation, businesses, hospitals, schools)
- o Land use
- o Access to transit (when applicable in urban areas)

Pedestrian Road Safety Initiative (PRSI) - ADA improvements

The program goal is to make roadways safer for all pedestrians including those with disabilities. Therefore, when pedestrian facilities are added or modified, the improvements must meet ADA Guidelines for Public

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Rights-of-Way (PROWAG). PRSI projects have included scope of work to upgrade non-complaint curb ramps and non-compliant pedestrian signals and pushbuttons.

Pedestrian Accessibility Curb Ramps - Resurfacing program

Existing pedestrian ramps which do not currently comply with dimensional requirements, as identified in PROWAG Guidelines, will be removed and replaced with upgrades. This systemic application of installations provides proper and safer pedestrian access at all locations - PROWAG-compliant. These upgrades implemented statewide, within the resurfacing program, provide time and cost savings and benefit the vulnerable user.

Resurfacing Program

The resurfacing program utilizes a checklist for safety countermeasures which can be implemented in the process of resurfacing. These qualified items are funded with HSIP funds. The Roadway Design Resurfacing Checklist can be found at <https://www.tn.gov/tdot/roadway-design/design-standards/design-guidelines.html>

Where is HSIP staff located within the State DOT?

Planning

The HSIP staff has been located in the Planning Division, Strategic Transportation Investments Division, Project Safety Office (PSO) for the State Fiscal Year 2023-2024. As of this year, the HSIP will be relocating to the Traffic Design Division.

How are HSIP funds allocated in a State?

- Other-Annual Program Allocation

HSIP funds are allocated toward emphasis areas identified in the Strategic Highway Safety Plan. Roadway locations are investigated for severity and funding is data driven and based on specific criteria. Each program is given an annual allotment.

Describe how local and tribal roads are addressed as part of HSIP.

The Local Road Safety Initiative (LRSI) was developed in 2010 to identify and address safety concerns on local roads. This program is focused on local non-state route segments located outside of an urban boundary and not represented by a MPO. Routes considered under this program are classified as rural major collectors, rural minor collectors, or rural local routes. All candidate locations for this program are selected using a data driven process with set qualification criteria. The LRSI was originally initiated by TDOT Traffic Operations Division. STID assumed oversight of the program in 2015, including projects currently under development. LRSI is available to 83 counties. All routes are identified by the TDOT Project Safety Office and are presented to local stakeholders based on severity. Each county receives up to \$300,000 for the construction of safety improvements.

Criteria used for LRSI:

Most current 6 years of crash data

1 Fatal or 1 Incapacitating minimum

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Total Crashes greater than 5

Severe crash rate greater than the statewide average severe crash rate

Crash rate greater than the statewide average crash rate

Identify which internal partners (e.g., State departments of transportation (DOTs) Bureaus, Divisions) are involved with HSIP planning.

- Design
- Districts/Regions
- Local Aid Programs Office/Division
- Maintenance
- Operations
- Planning
- Traffic Engineering/Safety

Describe coordination with internal partners.

The Strategic Transportation Investments Division Project Safety Office (PSO) works with:

- **Design Division and STID Design**- to coordinate projects that may involve work outside the existing right of way and when implementing safety countermeasures that require a design component.
- **Districts/Regions** - TDOT is divided into 4 regional offices. The PSO involves each region when an HSIP project is being developed in their region.
- **Traffic/Engineering & Operations** - Coordinate and implement projects when signals and/or operations countermeasures are part of an HSIP project.
- **Planning** - The Office of Community Transportation (OCT) for projects that are within an MPO/TPO and any rural planning organizations.
- **Maintenance** - The Maintenance Division identifies low-cost safety improvements on resurfacing projects.

Identify which external partners are involved with HSIP planning.

- Academia/University
- FHWA
- Governors Highway Safety Office
- Law Enforcement Agency
- Local Government Agency
- Local Technical Assistance Program
- Regional Planning Organizations (e.g. MPOs, RPOs, COGs)

Describe coordination with external partners.

The Strategic Transportation Investments Division Project Safety Office (PSO) works with:

Academia/University - Assists with research projects to further develop and implement the Highway Safety Manual (HSM) for statewide development of Crash Modification Factors (CMF's).

FHWA - Provides stewardship and oversight of HSIP program and the SHSP.

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Tennessee Highway Safety Office, Dept. of Safety and Homeland Security- Work with to address driver behavior emphasis area of the SHSP.

Law Enforcement Agencies - Critical stakeholder of all HSIP programs. Works closely with TDOT to maintain quality crash data through Tennessee Integrated Traffic Analysis Network (TITAN).

Local Government Agencies - Critical stakeholder of all HSIP projects that involve a locally owned or maintained facility.

Regional Planning Organizations (RPO'S) / Metropolitan Planning Organizations (MPO's) - Critical stakeholder of all HSIP programs. Tennessee has 11 Metropolitan Planning Organizations (MPO's) and 12 Rural Planning Organizations (RPO's). The Project Safety Office coordinates safety projects with these organizations when a project location falls within their jurisdiction.

The Strategic Highway Safety Plan brings together TDOT, FHWA, TN Dept. of Safety and Homeland Security, TN Highway Patrol, TN Highway Safety Office, Federal Motor Carrier Safety Administration, MPO's, TN Regional Safety Council, TN Transportation Assistance Program, and the American Automobile Association (AAA). The emphasis areas in the SHSP are directly addressed with projects developed in the HSIP program. The Strategic Highway Safety Plan Committee meets quarterly.

Describe other aspects of HSIP Administration on which the State would like to elaborate.

Tennessee has several noteworthy practices:

- 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”.
- 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.
- 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 an MPO. The entire project, from road safety audit review to construction, is completed by TDOT.
- 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.
- All RSA/HSIP programs will include crash summaries to define which Emphasis Area the crash type belongs within the Tennessee Strategic Highway Safety Plan. RSAs include documentation of crash types in relation to SHSP.
- Cable Median Barrier: Tennessee State University/TDOT established a priority list of locations based on geometric criteria and crash data to install projects that will reduce the number and severity of cross-median crashes.
- Wrong Way: Project will be deployed at four interchanges in Shelby County where data shows a history of wrong way fatalities. The technology will actively notify a wrong-way driver with flashing lights mounted on a sign that is actuated by a wrong way movement.

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· HSIP Implementation Plan for FY 2024-2025 has been submitted. This report documents an evaluation of the Tennessee Department of Transportation's (TDOT) Highway Safety Improvement Plan (HSIP) in accordance with the requirements set forth in Title 23, Section 148(i) of the United States Code (23 U.S.C. 148(i)). The evaluation is required because Tennessee did not meet or make significant progress toward achieving four out of five safety performance targets in calendar year (CY) 2022. As a result, TDOT is required to assess its HSIP program goals and actions for fiscal year (FY) 2024 and identify actions the State will take to meet or make significant progress toward meeting its subsequent safety performance.

· TDOT implemented the AASHTOWare Safety software for crash analysis. Over 400 users across the state have access. Users include TDOT, TDOSHS, MPOs, RPOs, consultants, local governments, universities, and FHWA.

· Continued partnership with the University of Tennessee at Knoxville and Tennessee State University, developed localized SPFs and calibration for freeways, intersections, segments, and multilane rural roadways.

- TDOT continued to host the Tennessee Operations and Safety Conference. The annual conference brings together various safety partners from all Four E's to inform participants on issues, innovations, and trends relevant to transportation safety and operations. This conference has been ongoing since 2005.

Program Methodology

Does the State have an HSIP manual or similar that clearly describes HSIP planning, implementation and evaluation processes?

Yes

The program description manual will be updated due to relocating the HSIP program to the Traffic Design Division. This relocation is in process at the time of this report. This document is primarily used by project stakeholders.

Select the programs that are administered under the HSIP.

- HRRR
- Local Safety
- Median Barrier
- Vulnerable Road Users
- Wrong Way Driving
- Other-Ramp Queue
- Other-Resurfacing

Program: HRRR

Date of Program Methodology:1/1/2021

What is the justification for this program?

- Addresses SHSP priority or emphasis area

What is the funding approach for this program?

Funding set-aside

What data types were used in the program methodology?

Crashes

- All crashes

Exposure

- Traffic
- Volume
- Lane miles

Roadway

- Functional classification
- Roadside features
- Other-LRSI

What project identification methodology was used for this program?

- Crash frequency
- Crash rate
- Critical rate
- Other-LRSI Routes ranked by severity
- Relative severity index

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

Yes

Are local road projects identified using the same methodology as state roads?

Yes

How are projects under this program advanced for implementation?

- Other-Scheduled for contract letting

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

Other-Based on severity:2

Program: Local Safety

Date of Program Methodology:3/1/2016

What is the justification for this program?

- Addresses SHSP priority or emphasis area

What is the funding approach for this program?

Competes with all projects

What data types were used in the program methodology?

Crashes

- All crashes
- Fatal and serious injury crashes only

Exposure

- Traffic
- Volume
- Lane miles

Roadway

- Functional classification

What project identification methodology was used for this program?

- Crash frequency
- Crash rate
- Critical rate
- Relative severity index

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

Yes

Are local road projects identified using the same methodology as state roads?

Yes

How are projects under this program 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

Other-Based on severity:2

Program: Median Barrier

Date of Program Methodology:1/1/2020

What is the justification for this program?

- Addresses SHSP priority or emphasis area

What is the funding approach for this program?

Competes with all projects

What data types were used in the program methodology?

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Crashes

- All crashes
- Fatal and serious injury crashes only

Exposure

- Traffic
- Volume
- Lane miles

Roadway

- Median width
- Horizontal curvature
- Functional classification
- Other-Interstate and Controlled Access

What project identification methodology was used for this program?

- Crash frequency
- Crash rate
- Critical rate
- Probability of specific crash types
- Relative severity index

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

No

Are local road projects identified using the same methodology as state roads?

How are projects under this program advanced for implementation?

- Other-Scheduled for contract letting

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

Other-Based on severity:2

Program: Vulnerable Road Users

Date of Program Methodology:3/1/2023

What is the justification for this program?

- Addresses SHSP priority or emphasis area

What is the funding approach for this program?

Competes with all projects

What data types were used in the program methodology?

Crashes

- All crashes

Exposure

Roadway

What project identification methodology was used for this program?

- Crash frequency
- Crash rate
- Critical rate
- Other-Vulnerable Road User Assessment Tool
- Relative severity index

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

No

Are local road projects identified using the same methodology as state roads?

How are projects under this program advanced for implementation?

- Other-Scheduled for contract letting

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

Other-Based on severity:2

Program: Wrong Way Driving

Date of Program Methodology:1/1/2022

What is the justification for this program?

- Addresses SHSP priority or emphasis area
- FHWA focused approach to safety

What is the funding approach for this program?

Competes with all projects

What data types were used in the program methodology?

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Crashes

- All crashes
- Fatal and serious injury crashes only
- Other-Identified as wrong way crash

Exposure

- Traffic
- Volume

Roadway

- Median width
- Horizontal curvature
- Functional classification
- Roadside features
- Other-Interstate and Controlled Access

What project identification methodology was used for this program?

- Crash frequency
- Crash rate
- Critical rate
- Relative severity index

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

No

Are local road projects identified using the same methodology as state roads?

How are projects under this program advanced for implementation?

- Other-Scheduled for contract letting

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

Other-Based on severity:2

Program: Other-Ramp Queue

Date of Program Methodology:11/1/2008

What is the justification for this program?

- Addresses SHSP priority or emphasis area

What is the funding approach for this program?

Competes with all projects

What data types were used in the program methodology?

Crashes

- All crashes

Exposure

- Traffic
- Volume

Roadway

- Other-Queue length
- 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?

- Other-Queue length

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

No

Are local road projects identified using the same methodology as state roads?

How are projects under this program 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

Other-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

Program: Other-Resurfacing

Date of Program Methodology:1/1/2019

What is the justification for this program?

- Addresses SHSP priority or emphasis area

What is the funding approach for this program?

Competes with all projects

What data types were used in the program methodology?

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Crashes

- All crashes

Exposure

Roadway

What project identification methodology was used for this program?

- Crash frequency
- Crash rate
- Critical rate
- Relative severity index

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

No

Are local road projects identified using the same methodology as state roads?

How are projects under this program advanced for implementation?

- Other-Determined by Maintenance

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

Other-Based on severity:2

What percentage of HSIP funds address systemic improvements?

15

HSIP funds are used to address which of the following systemic improvements?

- Cable Median Barriers
- Other-Vulnerable Road User
- Rumble Strips
- Safety Edge

Project for rumble strips, safety edge and VRU have not been systemic. They have been implemented only in select locations.

What process is used to identify potential countermeasures?

- Crash data analysis
- Data-driven safety analysis tools (HSM, CMF Clearinghouse, SafetyAnalyst, usRAP)
- Engineering Study
- Road Safety Assessment
- SHSP/Local road safety plan
- Stakeholder input
- Other-Road Safety audit Review

TDOT utilizes AASHTOWare Safety software for analysis guided by the Strategic Highway Safety Plan. Road Safety Audits and HSIP program are undertaken based on crash data and stakeholder input.

Does the State HSIP consider connected vehicles and ITS technologies?

No

Does the State use the Highway Safety Manual to support HSIP efforts?

Yes

Please describe how the State uses the HSM to support HSIP efforts.

For the past 10+ years TDOT has been working to understand and adopt Highway Safety Manual processes. TDOT has attended peer exchanges in an effort to understand how other states are implementing the HSM.

TDOT completed a research project underway with the University of Tennessee and Tennessee State University to develop SPF's.

TDOT used the Highway Safety Manual to evaluate previously completed HSIP projects.

The FHWA Office of Safety developed a TDOT DDSA implementation plan with input from TDOT. The plan is currently under revision to fit TDOT's purposes.

The goals set forth in the plan are:

Goal 1: Develop improved analyses in a formal safety management process.

Goal 2: Support, expand, and formalize TDOT's data governance over safety data.

Goal 3: Develop data driven safety analyses supporting Roadway Design Division activities and design-related STID analysis and reporting.

Goal 4: Incorporate data driven safety analyses in other TDOT business processes.

TDOT has been working with Tennessee State University and the University of Tennessee to develop CMF's and SPF's for implementation of HSM.

During 2024, TDOT has completed the implementation of AASHTOWare Safety software. Over 400 users across the State now have access and are learning to utilize HSM methods with the software. The users include personnel from TDOT, TN Dept. of Safety, MPO's, RPO's, Consultants, Local governments, Universities, and FHWA.

Describe other aspects of the HSIP methodology on which the State would like to elaborate.

The Tennessee Department of Safety and Homeland Security (TDOSHS) developed the queries and provided the number of fatalities and serious injuries based on contributing factors. This collaboration ensured the accurate extraction of data, aligning with the annual Highway Safety Improvement Plan (HSIP). Additional queries for each contributing factor were developed through AASHTOWare Safety to help establish relationships between the factor's occurrence and other conditions (urban/rural, road conditions, time, age cohorts, etc.). Significant findings resulting from inspection of this data are mentioned in each Emphasis Area discussion.

Project Implementation

Funds Programmed

Reporting period for HSIP funding.

State Fiscal Year

The State fiscal year is July 1, 2023 thru June 30, 2024.

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

FUNDING CATEGORY	PROGRAMMED	OBLIGATED	% OBLIGATED/PROGRAMMED
HSIP (23 U.S.C. 148)	\$63,612,584	\$56,993,635	89.59%
HRRR Special Rule (23 U.S.C. 148(g)(1))	\$4,371,050	\$3,201,939	73.25%
VRU Safety Special Rule (23 U.S.C. 148(g)(3))	\$4,888,771	\$4,839,306	98.99%
Penalty Funds (23 U.S.C. 154)	\$8,186,804	\$1,254,238	15.32%
Penalty Funds (23 U.S.C. 164)	\$12,326	\$12,326	100%
RHCP (for HSIP purposes) (23 U.S.C. 130(e)(2))	\$0	\$0	0%
Other Federal-aid Funds (i.e. STBG, NHPP)	\$4,614,097	\$4,614,097	100%
State and Local Funds	\$4,001,430	\$4,001,430	100%
Totals	\$89,687,062	\$74,916,971	83.53%

How much funding is programmed to local (non-state owned and operated) or tribal safety projects?

\$27,957,573

How much funding is obligated to local or tribal safety projects?

\$27,957,573

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

\$803,000

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

\$803,000

2024 Tennessee Highway Safety Improvement Program

Non-infrastructure projects included the Yellow Dot program and the Annual Safety and Operations conference.

How much funding was transferred in to the HSIP from other core program areas during the reporting period under 23 U.S.C. 126?

\$0

How much funding was transferred out of the HSIP to other core program areas during the reporting period under 23 U.S.C. 126?

\$0

Discuss impediments to obligating HSIP funds and plans to overcome this challenge in the future.

None

General Listing of Projects

List the projects obligated using HSIP funds for the reporting period.

PROJECT NAME	IMPROVEMENT CATEGORY	SUBCATEGORY	OUTPUTS	OUTPUT TYPE	HSIP PROJECT COST(\$)	TOTAL PROJECT COST(\$)	FUNDING CATEGORY	LAND USE/AREA TYPE	FUNCTIONAL CLASSIFICATION	AADT	SPEED OR SPEED RANGE	OWNERSHIP	METHOD FOR SITE SELECTION	SHSP EMPHASIS AREA	SHSP STRATEGY
HSIP-1(440)	Intersection traffic control	Modify control – new traffic signal	0.5	Miles	\$346000	\$498000	HSIP (23 U.S.C. 148)	Urban	Minor Arterial	10,075	55	State Highway Agency	Spot	Intersections	Infrastructure
HSIP-1(444)	Roadway signs and traffic control	Roadway signs (including post) - new or updated	0.4	Miles	\$39600	\$44000	HSIP (23 U.S.C. 148)	Rural	Principal Arterial-Other	13,331	45	State Highway Agency	Spot	Intersections	Infrastructure
HSIP-1000(32)	Roadway signs and traffic control	Roadway signs (including post) - new or updated	3.598	Miles	\$4500	\$5000	HSIP (23 U.S.C. 148)	Rural	Local Road or Street	0	40	County Highway Agency	Spot	Roadway Departure	Infrastructure
HSIP-113(24)	Intersection traffic control	Modify control – new traffic signal	0.17	Miles	\$2977575	\$4123344	HSIP (23 U.S.C. 148)	Urban	Principal Arterial-Other	0		State Highway Agency	Spot	Intersections	Infrastructure
HSIP-1300(32)	Roadway signs and traffic control	Roadway signs (including post) - new or updated	10.6	Miles	\$409904	\$409904	HSIP (23 U.S.C. 148)	Rural	Local Road or Street	0	40	County Highway Agency	Spot	Roadway Departure	Infrastructure
HSIP-143(8)	Roadway signs and traffic control	Roadway signs (including post) - new or updated	5.09	Miles	\$90270	\$337430	HSIP (23 U.S.C. 148)	Rural	Major Collector	2,792	40	State Highway Agency	Spot	Roadway Departure	Infrastructure
HSIP-1500(56)	Roadway signs and traffic control	Roadway signs (including post) - new or updated	2.81	Miles	\$10800	\$12000	HSIP (23 U.S.C. 148)	Rural	Local Road or Street	0	40	County Highway Agency	Spot	Roadway Departure	Infrastructure
HSIP-159(10)	Roadway signs and traffic control	Roadway signs (including post) - new or updated	5.305	Miles	\$52251	\$52251	HSIP (23 U.S.C. 148)	Rural	Principal Arterial-Other	2,132	45	State Highway Agency	Spot	Roadway Departure	Infrastructure
HSIP-160(18)	Roadway signs and traffic control	Roadway signs (including post) - new or updated	1.63	Miles	\$36000	\$40000	HSIP (23 U.S.C. 148)	Urban	Principal Arterial-Other	22,141	55	State Highway Agency	Spot	Roadway Departure	Infrastructure
HSIP-162(11)	Interchange design	Interchange improvements	0.6	Miles	\$151858	\$168731	HSIP (23 U.S.C. 148)	Urban	Principal Arterial-Other	49,502	55	State Highway Agency	Spot	Intersections	Infrastructure
HSIP-169(19)	Pedestrians and bicyclists	Pedestrian signal	0.29	Miles	\$54000	\$60000	HSIP (23 U.S.C. 148)	Urban	Minor Arterial	12,062	45	State Highway Agency	Spot	Pedestrians	Infrastructure
HSIP-3000(56)	Roadway signs and traffic control	Roadway signs (including post) - new or updated	2.36	Miles	\$69531	\$69689	HSIP (23 U.S.C. 148)	Rural	Local Road or Street	0	35	County Highway Agency	Spot	Roadway Departure	Infrastructure

2024 Tennessee Highway Safety Improvement Program

PROJECT NAME	IMPROVEMENT CATEGORY	SUBCATEGORY	OUTPUTS	OUTPUT TYPE	HSIP PROJECT COST(\$)	TOTAL PROJECT COST(\$)	FUNDING CATEGORY	LAND USE/AREA TYPE	FUNCTIONAL CLASSIFICATION	AADT	SPEED OR SPEED RANGE	OWNERSHIP	METHOD FOR SITE SELECTION	SHSP EMPHASIS AREA	SHSP STRATEGY
HSIP-335(9)	Roadway signs and traffic control	Roadway signs (including post) - new or updated	4.16	Miles	\$89213	\$22112	HSIP (23 U.S.C. 148)	Urban	Minor Arterial	9,401	30	State Highway Agency	Spot	Roadway Departure	Infrastructure
HSIP-34(127)	Intersection traffic control	Intersection signing –other	0.2	Miles	\$41925	\$46583	HSIP (23 U.S.C. 148)	Urban	Principal Arterial-Other	21,138	55	State Highway Agency	Spot	Intersections	Infrastructure
HSIP-34(131)	Intersection geometry	Intersection geometry - other	0.601	Miles	\$137520	\$152800	HSIP (23 U.S.C. 148)	Rural	Principal Arterial-Other	12,148	65	State Highway Agency	Spot	Intersections	Infrastructure
HSIP-3400(13)	Roadway signs and traffic control	Roadway signs (including post) - new or updated	3.93	Miles	\$355959	\$355959	HSIP (23 U.S.C. 148)	Rural	Local Road or Street	0	40	County Highway Agency	Spot	Roadway Departure	Infrastructure
HSIP-341(52)	Roadway signs and traffic control	Roadway signs (including post) - new or updated	5.85	Miles	\$4552	\$4552	HSIP (23 U.S.C. 148)	Multiple/Varies	Major Collector	12,222	45	State Highway Agency	Spot	Roadway Departure	Infrastructure
HSIP-348(8)	Roadway signs and traffic control	Roadway signs (including post) - new or updated	12.07	Miles	\$50826	\$2211	HSIP (23 U.S.C. 148)	Rural	Major Collector	3,214	35	State Highway Agency	Spot	Roadway Departure	Infrastructure
HSIP-35(79)	Roadway signs and traffic control	Roadway signs (including post) - new or updated	3.11	Miles	\$13500	\$15000	HSIP (23 U.S.C. 148)	Rural	Minor Arterial	18,118	55	State Highway Agency	Spot	Roadway Departure	Infrastructure
HSIP-35(81)	Roadway signs and traffic control	Roadway signs (including post) - new or updated	4.76	Miles	\$100000	\$47584	HSIP (23 U.S.C. 148)	Rural	Minor Arterial	6,575	55	State Highway Agency	Spot	Roadway Departure	Infrastructure
HSIP-35(83)	Roadway signs and traffic control	Roadway signs (including post) - new or updated	0.92	Miles	\$36000	\$40000	HSIP (23 U.S.C. 148)	Urban	Principal Arterial-Other	20,432	45	State Highway Agency	Spot	Roadway Departure	Infrastructure
HSIP-362(12)	Roadway signs and traffic control	Roadway signs (including post) - new or updated	5.34	Miles	\$45708	\$45839	HSIP (23 U.S.C. 148)	Rural	Minor Arterial	5,507	50	State Highway Agency	Spot	Roadway Departure	Infrastructure
HSIP-4600(29)	Roadway signs and traffic control	Roadway signs (including post) - new or updated	4.39	Miles	\$351818	\$351818	HSIP (23 U.S.C. 148)	Rural	Local Road or Street	0	40	County Highway Agency	Spot	Roadway Departure	Infrastructure
HSIP-62(60)	Roadway signs and traffic control	Roadway signs (including post) - new or updated	10.74	Miles	\$36000	\$40000	HSIP (23 U.S.C. 148)	Urban	Principal Arterial-Other	6,628	55	State Highway Agency	Spot	Roadway Departure	Infrastructure
HSIP-9000(51)	Roadway signs and traffic control	Roadway signs (including post) - new or updated	6.32	Miles	\$4500	\$5000	HSIP (23 U.S.C. 148)	Rural	Local Road or Street	0	40	County Highway Agency	Spot	Roadway Departure	Infrastructure

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PROJECT NAME	IMPROVEMENT CATEGORY	SUBCATEGORY	OUTPUTS	OUTPUT TYPE	HSIP PROJECT COST(\$)	TOTAL PROJECT COST(\$)	FUNDING CATEGORY	LAND USE/AREA TYPE	FUNCTIONAL CLASSIFICATION	AADT	SPEED OR SPEED RANGE	OWNERSHIP	METHOD FOR SITE SELECTION	SHSP EMPHASIS AREA	SHSP STRATEGY
HSIP-93(11)	Roadway signs and traffic control	Roadway signs (including post) - new or updated	4.08	Miles	\$201	\$201	HSIP (23 U.S.C. 148)	Multiple/Varies	Multiple/Varies	4,029	50	State Highway Agency	Spot	Roadway Departure	Infrastructure
HSIP-I-REG1(221)	Roadway	Pavement surface – high friction surface	0.35	Miles	\$1866375	\$2073750	HSIP (23 U.S.C. 148)	Multiple/Varies	Principal Arterial-Interstate	0	0	State Highway Agency	Spot	Lane Departure	Infrastructure
HSIP-REG1(213)	Pedestrians and bicyclists	ADA curb ramps	5.31	Miles	\$185220	\$205800	HSIP (23 U.S.C. 148)	Multiple/Varies	Multiple/Varies	0	0	State Highway Agency	Systemic	Pedestrians	Infrastructure
HSIP-REG1(214)	Pedestrians and bicyclists	ADA curb ramps	3.8	Miles	\$311077	\$51541	HSIP (23 U.S.C. 148)	Multiple/Varies	Multiple/Varies	0	0	State Highway Agency	Systemic	Pedestrians	Infrastructure
HSIP-REG1(215)	Pedestrians and bicyclists	ADA curb ramps	1.9	Miles	\$82467	\$91630	HSIP (23 U.S.C. 148)	Multiple/Varies	Multiple/Varies	0	0	State Highway Agency	Systemic	Pedestrians	Infrastructure
HSIP-REG1(222)	Pedestrians and bicyclists	ADA curb ramps	8.87	Miles	\$63000	\$70000	HSIP (23 U.S.C. 148)	Multiple/Varies	Multiple/Varies	0	0	State Highway Agency	Systemic	Pedestrians	Infrastructure
HSIP-REG1(223)	Pedestrians and bicyclists	ADA curb ramps	0.17	Miles	\$63000	\$70000	HSIP (23 U.S.C. 148)	Multiple/Varies	Multiple/Varies	0	0	State Highway Agency	Systemic	Pedestrians	Infrastructure
HSIP/PHSIP-1000(31)	Roadway signs and traffic control	Roadway signs (including post) - new or updated	3.74	Miles	\$30728	\$30728	Penalty Funds (23 U.S.C. 154)	Rural	Local Road or Street	0	40	County Highway Agency	Spot	Roadway Departure	Infrastructure
HSIP/PHSIP-500(52)	Roadway signs and traffic control	Roadway signs and traffic control - other	1.46	Miles	\$2081	\$2081	Penalty Funds (23 U.S.C. 154)	Rural	Local Road or Street	0	40	County Highway Agency	Spot	Roadway Departure	Infrastructure
NH/ HSIP-1(449)	Roadway signs and traffic control	Roadway signs (including post) - new or updated	6.94	Miles	\$23305	\$25895	HSIP (23 U.S.C. 148)	Urban	Principal Arterial-Other	33,569	45	State Highway Agency	Spot	Roadway Departure	Infrastructure
NH/ HSIP-162(14)	Roadway signs and traffic control	Roadway signs (including post) - new or updated	2.54	Miles	\$26025	\$7141	HSIP (23 U.S.C. 148)	Urban	Principal Arterial-Other	16,303	60	State Highway Agency	Spot	Roadway Departure	Infrastructure
NH/ HSIP-62(59)	Roadway signs and traffic control	Roadway signs (including post) - new or updated	4.91	Miles	\$482796	\$536440	HSIP (23 U.S.C. 148)	Urban	Minor Arterial	14,087	45	State Highway Agency	Spot	Roadway Departure	Infrastructure
NH/ HSIP-73(82)	Roadway signs and traffic control	Roadway signs (including post) - new or updated	5.4	Miles	\$34094	\$34094	HSIP (23 U.S.C. 148)	Urban	Principal Arterial-Other	20,482	55	State Highway Agency	Spot	Roadway Departure	Infrastructure

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PROJECT NAME	IMPROVEMENT CATEGORY	SUBCATEGORY	OUTPUTS	OUTPUT TYPE	HSIP PROJECT COST(\$)	TOTAL PROJECT COST(\$)	FUNDING CATEGORY	LAND USE/AREA TYPE	FUNCTIONAL CLASSIFICATION	AADT	SPEED OR SPEED RANGE	OWNERSHIP	METHOD FOR SITE SELECTION	SHSP EMPHASIS AREA	SHSP STRATEGY
NH/HSIP-95(17)	Roadway signs and traffic control	Roadway signs (including post) - new or updated	5.47	Miles	\$221592	\$98374	HSIP (23 U.S.C. 148)	Urban	Principal Arterial-Other	21,859	35	State Highway Agency	Spot	Roadway Departure	Infrastructure
PHSIP-1(436)	Roadway signs and traffic control	Roadway signs and traffic control - other	2.08	Miles	\$4729	\$4729	Penalty Funds (23 U.S.C. 154)	Urban	Multiple/Varies	7,065	45	State Highway Agency	Spot	Lane Departure	Infrastructure
R-PHSIP/HSIP-131(40)	Intersection traffic control	Modify control – new traffic signal	0.24	Miles	\$11305	\$56798	HSIP (23 U.S.C. 148)	Urban	Minor Arterial	14,087	45	State Highway Agency	Spot	Intersections	Infrastructure
STP/HSIP-170(17)	Roadway signs and traffic control	Roadway signs (including post) - new or updated	7.715	Miles	\$1800	\$1800	HSIP (23 U.S.C. 148)	Rural	Major Collector	1,758	45	State Highway Agency	Spot	Roadway Departure	Infrastructure
STP/HSIP-170(18)	Roadway signs and traffic control	Roadway signs (including post) - new or updated	5.86	Miles	\$16905	\$16905	HSIP (23 U.S.C. 148)	Rural	Major Collector	1,758	45	State Highway Agency	Spot	Roadway Departure	Infrastructure
STP/HSIP-35(78)	Roadway signs and traffic control	Roadway signs (including post) - new or updated	7.6	Miles	\$12831	\$12831	HSIP (23 U.S.C. 148)	Multiple/Varies	Minor Arterial	8,977	45	State Highway Agency	Spot	Roadway Departure	Infrastructure
STP/ HSIP-351(22)	Roadway signs and traffic control	Roadway signs (including post) - new or updated	5.04	Miles	\$25662	\$25662	HSIP (23 U.S.C. 148)	Multiple/Varies	Major Collector	2,648	45	State Highway Agency	Spot	Roadway Departure	Infrastructure
STP/HSIP-36(76)	Roadway signs and traffic control	Roadway signs (including post) - new or updated	7.6	Miles	\$16022	\$16022	HSIP (23 U.S.C. 148)	Multiple/Varies	Major Collector	1,700	45	State Highway Agency	Spot	Roadway Departure	Infrastructure
STP/HSIP-394(16)	Roadway signs and traffic control	Roadway signs (including post) - new or updated	2.54	Miles	\$10541	\$10541	HSIP (23 U.S.C. 148)	Multiple/Varies	Principal Arterial-Other	7,609	45	State Highway Agency	Spot	Roadway Departure	Infrastructure
STP/HSIP-416(10)	Roadway signs and traffic control	Roadway signs (including post) - new or updated	5.295	Miles	\$66798	\$66798	HSIP (23 U.S.C. 148)	Multiple/Varies	Major Collector	12,755	40	State Highway Agency	Spot	Roadway Departure	Infrastructure
STP/HSIP-418(10)	Roadway signs and traffic control	Roadway signs (including post) - new or updated	0.76	Miles	\$17982	\$17982	HSIP (23 U.S.C. 148)	Rural	Major Collector	5,646	30	State Highway Agency	Spot	Roadway Departure	Infrastructure
STP/HSIP-454(11)	Roadway signs and traffic control	Roadway signs (including post) - new or updated	1.83	Miles	\$5787	\$5787	HSIP (23 U.S.C. 148)	Rural	Major Collector	6,937	40	State Highway Agency	Spot	Roadway Departure	Infrastructure
NH/HSIP-29(124)	Roadway signs and traffic control	Roadway signs (including post) - new or updated	1.9	Miles	\$108712	\$108712	HSIP (23 U.S.C. 148)	Rural	Minor Arterial	16,140	45	State Highway Agency	Spot	Roadway Departure	Infrastructure

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PROJECT NAME	IMPROVEMENT CATEGORY	SUBCATEGORY	OUTPUTS	OUTPUT TYPE	HSIP PROJECT COST(\$)	TOTAL PROJECT COST(\$)	FUNDING CATEGORY	LAND USE/AREA TYPE	FUNCTIONAL CLASSIFICATION	AADT	SPEED OR SPEED RANGE	OWNERSHIP	METHOD FOR SITE SELECTION	SHSP EMPHASIS AREA	SHSP STRATEGY
NH/HSIP-32(102)	Roadway and signs traffic control	Roadway signs (including post) - new or updated	0.1	Miles	\$37170	\$37170	HSIP (23 U.S.C. 148)	Urban	Principal Arterial-Other	25,445	55	State Highway Agency	Spot	Roadway Departure	Infrastructure
NH/HSIP-33(151)	Roadway and signs traffic control	Roadway signs (including post) - new or updated	6.09	Miles	\$80738	\$80738	HSIP (23 U.S.C. 148)	Urban	Principal Arterial-Other	18,871	55	State Highway Agency	Spot	Roadway Departure	Infrastructure
NH/HSIP-33(154)	Roadway and signs traffic control	Roadway signs (including post) - new or updated	2.81	Miles	\$858916	\$858916	HSIP (23 U.S.C. 148)	Urban	Principal Arterial-Other	19,004	40	State Highway Agency	Spot	Roadway Departure	Infrastructure
NH/HSIP-357(74)	Roadway and signs traffic control	Roadway signs (including post) - new or updated	2.39	Miles	\$63537	\$63537	HSIP (23 U.S.C. 148)	Urban	Minor Arterial	8,841	55	State Highway Agency	Spot	Roadway Departure	Infrastructure
NH/HSIP-36(77)	Roadway and signs traffic control	Roadway signs (including post) - new or updated	2.93	Miles	\$378441	\$420490	HSIP (23 U.S.C. 148)	Urban	Principal Arterial-Other	31,306	45	State Highway Agency	Spot	Roadway Departure	Infrastructure
STP/HSIP-61(50)	Roadway and signs traffic control	Roadway signs (including post) - new or updated	5.29	Miles	\$3387	\$3387	HSIP (23 U.S.C. 148)	Urban	Principal Arterial-Other	16,153	50	State Highway Agency	Spot	Roadway Departure	Infrastructure
STP/HSIP-67(41)	Roadway and signs traffic control	Roadway signs (including post) - new or updated	4.41	Miles	\$58627	\$58627	HSIP (23 U.S.C. 148)	Rural	Multiple/Varies	6,062	55	State Highway Agency	Spot	Roadway Departure	Infrastructure
STP/HSIP-115(67)	Roadway and signs traffic control	Roadway signs (including post) - new or updated	11.19	Miles	\$56362	\$56362	HSIP (23 U.S.C. 148)	Rural	Minor Arterial	1,390	50	State Highway Agency	Spot	Roadway Departure	Infrastructure
STP/HSIP-144(6)	Roadway and signs traffic control	Roadway signs (including post) - new or updated	2.62	Miles	\$46861	\$46861	HSIP (23 U.S.C. 148)	Rural	Major Collector	3,708	45	State Highway Agency	Spot	Roadway Departure	Infrastructure
STP/HSIP-322(22)	Roadway	Pavement surface – high friction surface	0.33	Miles	\$214555	\$214555	HSIP (23 U.S.C. 148)	Multiple/Varies	Multiple/Varies	0	0	State Highway Agency	Spot	Roadway Departure	Infrastructure
STP/HSIP-34(133)	Roadway and signs traffic control	Roadway signs (including post) - new or updated	3.14	Miles	\$1365111	\$1516790	HSIP (23 U.S.C. 148)	Urban	Principal Arterial-Other	29,053	40	State Highway Agency	Spot	Roadway Departure	Infrastructure
STP/HSIP-345(12)	Roadway and signs traffic control	Roadway signs (including post) - new or updated	8.51	Miles	\$24558	\$24558	HSIP (23 U.S.C. 148)	Rural	Major Collector	4,268	45	State Highway Agency	Spot	Roadway Departure	Infrastructure
STP/HSIP-92(27)	Roadway and signs traffic control	Roadway signs (including post) - new or updated	3.41	Miles	\$56690	\$56690	HSIP (23 U.S.C. 148)	Rural	Minor Arterial	16,557	45	State Highway Agency	Spot	Roadway Departure	Infrastructure

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PROJECT NAME	IMPROVEMENT CATEGORY	SUBCATEGORY	OUTPUTS	OUTPUT TYPE	HSIP PROJECT COST(\$)	TOTAL PROJECT COST(\$)	FUNDING CATEGORY	LAND USE/AREA TYPE	FUNCTIONAL CLASSIFICATION	AADT	SPEED OR SPEED RANGE	OWNERSHIP	METHOD FOR SITE SELECTION	SHSP EMPHASIS AREA	SHSP STRATEGY
HSIP-1400(29)	Miscellaneous	Road safety audits	20	Miles	\$110660	\$110660	HSIP (23 U.S.C. 148)	Rural	Minor Collector	0	55	County Highway Agency	Spot	Roadway Departure	Infrastructure
HSIP-1600(20)	Miscellaneous	Road safety audits	20	Miles	\$8941	\$8802	HSIP (23 U.S.C. 148)	Rural	Minor Collector	0	55	County Highway Agency	Spot	Roadway Departure	Infrastructure
HSIP-1600(21)	Miscellaneous	Road safety audits	20	Miles	\$350634	\$350634	HSIP (23 U.S.C. 148)	Rural	Minor Collector	0	55	County Highway Agency	Spot	Roadway Departure	Infrastructure
HSIP-1800(42)	Miscellaneous	Road safety audits	20	Miles	\$265001	\$267686	HSIP (23 U.S.C. 148)	Rural	Minor Collector	0	55	County Highway Agency	Spot	Roadway Departure	Infrastructure
HSIP-1800(43)	Miscellaneous	Road safety audits	20	Miles	\$4500	\$5000	HSIP (23 U.S.C. 148)	Rural	Minor Collector	0	55	County Highway Agency	Spot	Roadway Departure	Infrastructure
HSIP-2100(27)	Miscellaneous	Road safety audits	20	Miles	\$64604	\$63030	HSIP (23 U.S.C. 148)	Rural	Minor Collector	0	55	County Highway Agency	Spot	Roadway Departure	Infrastructure
HSIP-2100(29)	Miscellaneous	Road safety audits	20	Miles	\$296652	\$296652	HSIP (23 U.S.C. 148)	Rural	Minor Collector	0	55	County Highway Agency	Spot	Roadway Departure	Infrastructure
HSIP-2500(30)	Miscellaneous	Road safety audits	20	Miles	\$258863	\$263194	HSIP (23 U.S.C. 148)	Rural	Minor Collector	0	55	County Highway Agency	Spot	Roadway Departure	Infrastructure
HSIP-2600(48)	Miscellaneous	Road safety audits	20	Miles	\$352502	\$359674	HSIP (23 U.S.C. 148)	Rural	Minor Collector	0	55	County Highway Agency	Spot	Roadway Departure	Infrastructure
HSIP-3100(25)	Miscellaneous	Road safety audits	20	Miles	\$4500	\$5000	HSIP (23 U.S.C. 148)	Rural	Minor Collector	0	55	County Highway Agency	Spot	Roadway Departure	Infrastructure
HSIP-400(35)	Miscellaneous	Road safety audits	20	Miles	\$385894	\$385894	HSIP (23 U.S.C. 148)	Rural	Minor Collector	0	55	County Highway Agency	Spot	Roadway Departure	Infrastructure
HSIP-4400(56)	Miscellaneous	Road safety audits	20	Miles	\$427115	\$427115	HSIP (23 U.S.C. 148)	Rural	Minor Collector	0	55	County Highway Agency	Spot	Roadway Departure	Infrastructure
HSIP-4553(11)	Miscellaneous	Road safety audits	20	Miles	\$322649	\$351576	HSIP (23 U.S.C. 148)	Rural	Minor Collector	0	55	County Highway Agency	Spot	Roadway Departure	Infrastructure

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PROJECT NAME	IMPROVEMENT CATEGORY	SUBCATEGORY	OUTPUTS	OUTPUT TYPE	HSIP PROJECT COST(\$)	TOTAL PROJECT COST(\$)	FUNDING CATEGORY	LAND USE/AREA TYPE	FUNCTIONAL CLASSIFICATION	AADT	SPEED OR SPEED RANGE	OWNERSHIP	METHOD FOR SITE SELECTION	SHSP EMPHASIS AREA	SHSP STRATEGY
HSIP-5400(45)	Miscellaneous	Road safety audits	20	Miles	\$4500	\$5000	HSIP (23 U.S.C. 148)	Rural	Minor Collector	0	55	County Highway Agency	Spot	Roadway Departure	Infrastructure
HSIP-5800(48)	Miscellaneous	Road safety audits	20	Miles	\$4500	\$5000	HSIP (23 U.S.C. 148)	Rural	Minor Collector	0	55	County Highway Agency	Spot	Roadway Departure	Infrastructure
HSIP-600(37)	Miscellaneous	Road safety audits	20	Miles	\$4500	\$5000	HSIP (23 U.S.C. 148)	Rural	Minor Collector	0	55	County Highway Agency	Spot	Roadway Departure	Infrastructure
HSIP-6100(26)	Miscellaneous	Road safety audits	20	Miles	\$4500	\$5000	HSIP (23 U.S.C. 148)	Rural	Minor Collector	0	55	County Highway Agency	Spot	Roadway Departure	Infrastructure
HSIP-6700(36)	Miscellaneous	Road safety audits	20	Miles	\$341374	\$341374	HSIP (23 U.S.C. 148)	Rural	Minor Collector	0	55	County Highway Agency	Spot	Roadway Departure	Infrastructure
HSIP-6900(10)	Miscellaneous	Road safety audits	20	Miles	\$344493	\$344493	HSIP (23 U.S.C. 148)	Rural	Minor Collector	0	55	County Highway Agency	Spot	Roadway Departure	Infrastructure
HSIP-7100(55)	Miscellaneous	Road safety audits	20	Miles	\$332575	\$332575	HSIP (23 U.S.C. 148)	Rural	Minor Collector	0	55	County Highway Agency	Spot	Roadway Departure	Infrastructure
HSIP-7200(33)	Miscellaneous	Road safety audits	20	Miles	\$443301	\$443301	HSIP (23 U.S.C. 148)	Rural	Minor Collector	0	55	County Highway Agency	Spot	Roadway Departure	Infrastructure
HSIP-7200(35)	Miscellaneous	Road safety audits	20	Miles	\$4500	\$5000	HSIP (23 U.S.C. 148)	Rural	Minor Collector	0	55	County Highway Agency	Spot	Roadway Departure	Infrastructure
HSIP-7700(23)	Miscellaneous	Road safety audits	20	Miles	\$313433	\$313433	HSIP (23 U.S.C. 148)	Rural	Minor Collector	0	55	County Highway Agency	Spot	Roadway Departure	Infrastructure
HSIP-7700(24)	Miscellaneous	Road safety audits	20	Miles	\$4500	\$5000	HSIP (23 U.S.C. 148)	Rural	Minor Collector	0	55	County Highway Agency	Spot	Roadway Departure	Infrastructure
HSIP-800(37)	Miscellaneous	Road safety audits	20	Miles	\$255110	\$255110	HSIP (23 U.S.C. 148)	Rural	Minor Collector	0	55	County Highway Agency	Spot	Roadway Departure	Infrastructure
HSIP-800(38)	Miscellaneous	Road safety audits	20	Miles	\$4500	\$5000	HSIP (23 U.S.C. 148)	Rural	Minor Collector	0	55	County Highway Agency	Spot	Roadway Departure	Infrastructure

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PROJECT NAME	IMPROVEMENT CATEGORY	SUBCATEGORY	OUTPUTS	OUTPUT TYPE	HSIP PROJECT COST(\$)	TOTAL PROJECT COST(\$)	FUNDING CATEGORY	LAND USE/AREA TYPE	FUNCTIONAL CLASSIFICATION	AADT	SPEED OR SPEED RANGE	OWNERSHIP	METHOD FOR SITE SELECTION	SHSP EMPHASIS AREA	SHSP STRATEGY
HSIP-8800(14)	Miscellaneous	Road safety audits	20	Miles	\$336634	\$344824	HSIP (23 U.S.C. 148)	Rural	Minor Collector	0	55	County Highway Agency	Spot	Roadway Departure	Infrastructure
HSIP-9300(42)	Miscellaneous	Road safety audits	20	Miles	\$18315	\$17967	HSIP (23 U.S.C. 148)	Rural	Minor Collector	0	55	County Highway Agency	Spot	Roadway Departure	Infrastructure
HSIP-9300(44)	Miscellaneous	Road safety audits	20	Miles	\$279274	\$279274	HSIP (23 U.S.C. 148)	Rural	Minor Collector	0	55	County Highway Agency	Spot	Roadway Departure	Infrastructure
HSIP-REG2(211)	Pedestrians and bicyclists	ADA curb ramps	2.16	Miles	\$0	\$574849	HSIP (23 U.S.C. 148)	Urban	Principal Arterial-Other	0	40	State Highway Agency	Systemic	Pedestrians	Infrastructure
HSIP-REG2(212)	Pedestrians and bicyclists	ADA curb ramps	4.7	Miles	\$0	\$1129928	HSIP (23 U.S.C. 148)	Urban	Principal Arterial-Other	0	40	State Highway Agency	Systemic	Pedestrians	Infrastructure
HSIP-REG2(213)	Pedestrians and bicyclists	ADA curb ramps	3.75	Miles	\$0	\$217877	HSIP (23 U.S.C. 148)	Urban	Principal Arterial-Other	0	40	State Highway Agency	Systemic	Pedestrians	Infrastructure
HSIP-REG2(227)	Pedestrians and bicyclists	ADA curb ramps	1.87	Miles	\$67500	\$75000	HSIP (23 U.S.C. 148)	Urban	Principal Arterial-Other	0	40	State Highway Agency	Systemic	Pedestrians	Infrastructure
HSIP-REG2(228)	Pedestrians and bicyclists	ADA curb ramps	1.43	Miles	\$157944	\$175494	HSIP (23 U.S.C. 148)	Urban	Principal Arterial-Other	0	40	State Highway Agency	Systemic	Pedestrians	Infrastructure
HSIP-REG2(229)	Pedestrians and bicyclists	ADA curb ramps	4.7	Miles	\$88056	\$97841	HSIP (23 U.S.C. 148)	Urban	Principal Arterial-Other	0	40	State Highway Agency	Systemic	Pedestrians	Infrastructure
HSIP/PHSIP-1122(3)	Miscellaneous	Road safety audits	3.48	Miles	\$18000	\$18000	HSIP (23 U.S.C. 148)	Urban	Minor Arterial	3,519	35	County Highway Agency	Spot	Roadway Departure	Infrastructure
HSIP-443(5)	Roadway	Pavement surface - other	3.93	Miles	\$499	\$499	HSIP (23 U.S.C. 148)	Rural	Minor Collector	2,040	40	State Highway Agency	Systemic	Resurfacing	Infrastructure
STP/HSIP-285(12)	Roadway	Pavement surface - other	3.15	Miles	\$10310	\$10310	HSIP (23 U.S.C. 148)	Rural	Minor Collector	1,505	55	State Highway Agency	Systemic	Resurfacing	Infrastructure
HSIP-317(24)	Roadway	Pavement surface - other	3.59	Miles	\$13542	\$13542	HSIP (23 U.S.C. 148)	Rural	Major Collector	998	35	State Highway Agency	Systemic	Resurfacing	Infrastructure

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PROJECT NAME	IMPROVEMENT CATEGORY	SUBCATEGORY	OUTPUTS	OUTPUT TYPE	HSIP PROJECT COST(\$)	TOTAL PROJECT COST(\$)	FUNDING CATEGORY	LAND USE/AREA TYPE	FUNCTIONAL CLASSIFICATION	AADT	SPEED OR SPEED RANGE	OWNERSHIP	METHOD FOR SITE SELECTION	SHSP EMPHASIS AREA	SHSP STRATEGY
NH/HSIP-2(290)	Roadway	Pavement surface - other	2.689	Miles	\$62316	\$69241	HSIP (23 U.S.C. 148)	Urban	Principal Arterial-Other	12,731	45	State Highway Agency	Systemic	Resurfacing	Infrastructure
STP/HSIP-40(43)	Roadway	Pavement surface - other	1.15	Miles	\$438410	\$177714	HSIP (23 U.S.C. 148)	Urban	Minor Arterial	15,625	30	State Highway Agency	Systemic	Resurfacing	Infrastructure
STP/HSIP-74(12)	Roadway	Pavement surface - other	1.14	Miles	\$51311	\$57013	HSIP (23 U.S.C. 148)	Urban	Minor Arterial	10,032	40	State Highway Agency	Systemic	Resurfacing	Infrastructure
STP/HSIP-74(13)	Roadway	Pavement surface - other	1.59	Miles	\$88411	\$98233	HSIP (23 U.S.C. 148)	Urban	Minor Arterial	12,011	45	State Highway Agency	Systemic	Resurfacing	Infrastructure
STP-NH/HSIP-311(33)	Roadway	Pavement surface - other	1.09	Miles	\$15780	\$17534	HSIP (23 U.S.C. 148)	Urban	Minor Arterial	6,700	35	State Highway Agency	Systemic	Resurfacing	Infrastructure
HSIP-53(59)	Roadway	Pavement surface - other	3.09	Miles	\$2663	\$2663	HSIP (23 U.S.C. 148)	Rural	Minor Arterial	6,366	55	State Highway Agency	Systemic	Resurfacing	Infrastructure
HSIP-53(63)	Roadway	Pavement surface - other	6.15	Miles	\$43336	\$1439	HSIP (23 U.S.C. 148)	Rural	Minor Arterial	4,770	55	State Highway Agency	Systemic	Resurfacing	Infrastructure
STP-NH/HSIP-55(30)	Roadway	Pavement surface - other	2.35	Miles	\$348965	\$387738	HSIP (23 U.S.C. 148)	Urban	Principal Arterial-Other	18,449	40	State Highway Agency	Systemic	Resurfacing	Infrastructure
STP/HSIP-392(7)	Roadway	Pavement surface - other	1.9	Miles	\$108535	\$120596	HSIP (23 U.S.C. 148)	Urban	Principal Arterial-Other	8,760	40	State Highway Agency	Systemic	Resurfacing	Infrastructure
STP/HSIP-419(11)	Roadway	Pavement surface - other	4.03	Miles	\$934	\$934	HSIP (23 U.S.C. 148)	Urban	Minor Collector	1,607	45	State Highway Agency	Systemic	Resurfacing	Infrastructure
STP/HSIP-101(27)	Roadway	Pavement surface - other	3.56	Miles	\$218824	\$243140	HSIP (23 U.S.C. 148)	Urban	Principal Arterial-Other	15,159	45	State Highway Agency	Systemic	Resurfacing	Infrastructure
STP/HSIP-298(16)	Roadway	Pavement surface - other	0.01	Miles	\$19249	\$21388	HSIP (23 U.S.C. 148)	Urban	Principal Arterial-Other	16,048	40	State Highway Agency	Systemic	Resurfacing	Infrastructure
STP/HSIP-298(17)	Roadway	Pavement surface - other	4.05	Miles	\$104336	\$115931	HSIP (23 U.S.C. 148)	Urban	Principal Arterial-Other	2,662	45	State Highway Agency	Systemic	Resurfacing	Infrastructure

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PROJECT NAME	IMPROVEMENT CATEGORY	SUBCATEGORY	OUTPUTS	OUTPUT TYPE	HSIP PROJECT COST(\$)	TOTAL PROJECT COST(\$)	FUNDING CATEGORY	LAND USE/AREA TYPE	FUNCTIONAL CLASSIFICATION	AADT	SPEED OR SPEED RANGE	OWNERSHIP	METHOD FOR SITE SELECTION	SHSP EMPHASIS AREA	SHSP STRATEGY
HSIP-85(48)	Roadway	Pavement surface - other	3.01	Miles	\$28480	\$28480	HSIP (23 U.S.C. 148)	Rural	Minor Collector	1,407	40	State Highway Agency	Systemic	Resurfacing	Infrastructure
STP/HSIP-127(27)	Roadway	Pavement surface - other	4.67	Miles	\$16375	\$16375	HSIP (23 U.S.C. 148)	Rural	Major Collector	5,982	45	State Highway Agency	Systemic	Resurfacing	Infrastructure
STP/HSIP-130(28)	Roadway	Pavement surface - other	1.115	Miles	\$6306	\$7007	HSIP (23 U.S.C. 148)	Urban	Minor Arterial	6,495	40	State Highway Agency	Systemic	Resurfacing	Infrastructure
NH/HSIP-58(62)	Roadway	Pavement surface - other	1.86	Miles	\$177447	\$177447	HSIP (23 U.S.C. 148)	Urban	Principal Arterial-Other	25,805	40	State Highway Agency	Systemic	Resurfacing	Infrastructure
NH/HSIP-60(41)	Roadway	Pavement surface - other	1.43	Miles	\$14374	\$14374	HSIP (23 U.S.C. 148)	Rural	Principal Arterial-Other	5,641	55	State Highway Agency	Systemic	Resurfacing	Infrastructure
STP/HSIP-53(60)	Roadway	Pavement surface - other	2.26	Miles	\$41399	\$41399	HSIP (23 U.S.C. 148)	Rural	Principal Arterial-Other	5,971	20	State Highway Agency	Systemic	Resurfacing	Infrastructure
STP/HSIP-56(102)	Roadway	Pavement surface - other	1.05	Miles	\$59410	\$66012	HSIP (23 U.S.C. 148)	Rural	Principal Arterial-Other	6,092	45	State Highway Agency	Systemic	Resurfacing	Infrastructure
STP/HSIP-2(288)	Roadway	Pavement surface - other	3.33	Miles	\$6449	\$7163	HSIP (23 U.S.C. 148)	Rural	Minor Arterial	5,218	45	State Highway Agency	Systemic	Resurfacing	Infrastructure
STP/HSIP-108(104)	Roadway	Pavement surface - other	11.01	Miles	\$32514	\$32514	HSIP (23 U.S.C. 148)	Rural	Minor Arterial	2,008	35	State Highway Agency	Systemic	Resurfacing	Infrastructure
STP/HSIP-2(280)	Roadway	Pavement surface - other	7.31	Miles	\$3076	\$3076	HSIP (23 U.S.C. 148)	Urban	Minor Arterial	7,766	35	State Highway Agency	Systemic	Resurfacing	Infrastructure
STP/HSIP-163(14)	Roadway	Pavement surface - other	2.43	Miles	\$112721	\$112721	HSIP (23 U.S.C. 148)	Urban	Major Collector	2,300	45	State Highway Agency	Systemic	Resurfacing	Infrastructure
STP/HSIP-309(10)	Roadway	Pavement surface - other	2.25	Miles	\$20992	\$20992	HSIP (23 U.S.C. 148)	Urban	Major Collector	1,891	50	State Highway Agency	Systemic	Resurfacing	Infrastructure
NH/HSIP-60(42)	Roadway	Pavement surface - other	2.1	Miles	\$10675	\$10675	HSIP (23 U.S.C. 148)	Rural	Principal Arterial-Other	6,913	40	State Highway Agency	Systemic	Resurfacing	Infrastructure

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PROJECT NAME	IMPROVEMENT CATEGORY	SUBCATEGORY	OUTPUTS	OUTPUT TYPE	HSIP PROJECT COST(\$)	TOTAL PROJECT COST(\$)	FUNDING CATEGORY	LAND USE/AREA TYPE	FUNCTIONAL CLASSIFICATION	AADT	SPEED OR SPEED RANGE	OWNERSHIP	METHOD FOR SITE SELECTION	SHSP EMPHASIS AREA	SHSP STRATEGY
STP/HSIP-58(61)	Roadway	Pavement surface - other	3.01	Miles	\$12417	\$13798	HSIP (23 U.S.C. 148)	Rural	Minor Arterial	5,578	55	State Highway Agency	Systemic	Resurfacing	Infrastructure
STP/HSIP-68(65)	Roadway	Pavement surface - other	7.52	Miles	\$99269	\$99269	HSIP (23 U.S.C. 148)	Rural	Principal Arterial-Other	6,202	55	State Highway Agency	Systemic	Resurfacing	Infrastructure
STP/HSIP-164(9)	Roadway	Pavement surface - other	5.5	Miles	\$280	\$280	HSIP (23 U.S.C. 148)	Rural	Major Collector	1,493	55	State Highway Agency	Systemic	Resurfacing	Infrastructure
STP/HSIP-84(19)	Roadway	Pavement surface - other	0.01	Miles	\$772	\$772	HSIP (23 U.S.C. 148)	Rural	Minor Arterial	3,903	40	State Highway Agency	Systemic	Resurfacing	Infrastructure
NH/HSIP-111(128)	Roadway	Pavement surface - other	3.15	Miles	\$61255	\$68061	HSIP (23 U.S.C. 148)	Rural	Principal Arterial-Other	6,382	55	State Highway Agency	Systemic	Resurfacing	Infrastructure
STP/HSIP-24(93)	Roadway	Pavement surface - other	4.71	Miles	\$36185	\$36185	HSIP (23 U.S.C. 148)	Urban	Principal Arterial-Other	7,536	45	State Highway Agency	Systemic	Resurfacing	Infrastructure
HSIP-443(6)	Roadway	Pavement surface - other	6.87	Miles	\$7339	\$7339	HSIP (23 U.S.C. 148)	Rural	Major Collector	1,272	45	State Highway Agency	Systemic	Resurfacing	Infrastructure
STP/HSIP-378(8)	Roadway	Pavement surface - other	1.61	Miles	\$70859	\$78730	HSIP (23 U.S.C. 148)	Urban	Minor Arterial	8,467	30	State Highway Agency	Systemic	Resurfacing	Infrastructure
STP/HSIP-302(9)	Roadway	Pavement surface - other	3.33	Miles	\$25245	\$25245	HSIP (23 U.S.C. 148)	Rural	Major Collector	1,872	30	State Highway Agency	Systemic	Resurfacing	Infrastructure
NH/HSIP-1(452)	Roadway	Pavement surface - other	1.23	Miles	\$26153	\$29059	HSIP (23 U.S.C. 148)	Urban	Principal Arterial-Other	16,463	45	State Highway Agency	Systemic	Resurfacing	Infrastructure
NH/HSIP-1(484)	Roadway	Pavement surface - other	4.63	Miles	\$9639	\$9639	HSIP (23 U.S.C. 148)	Rural	Principal Arterial-Other	7,245	65	State Highway Agency	Systemic	Resurfacing	Infrastructure
STP/HSIP-8(65)	Roadway	Pavement surface - other	3.37	Miles	\$2876	\$2876	HSIP (23 U.S.C. 148)	Rural	Minor Collector	3,200	55	State Highway Agency	Systemic	Resurfacing	Infrastructure
STP/HSIP-1(429)	Roadway	Pavement surface - other	9.35	Miles	\$45815	\$50904	HSIP (23 U.S.C. 148)	Multiple/Varies	Principal Arterial-Other	10,665	65	State Highway Agency	Systemic	Resurfacing	Infrastructure

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STP/HSIP-108(105)	Roadway	Pavement surface - other	2.83	Miles	\$19011	\$19011	HSIP (23 U.S.C. 148)	Rural	Minor Arterial	2,456	55	State Highway Agency	Systemic	Resurfacing	Infrastructure
HSIP-28(83)	Miscellaneous	Road safety audits	6.02	Miles	\$407251	\$407851	HSIP (23 U.S.C. 148)	Rural	Principal Arterial-Other	5,257	55	State Highway Agency	Spot	Roadway Departure	Infrastructure
HSIP-I-75-1(151)	Intersection traffic control	Intersection traffic control - other	0.6	Miles	\$0	\$2273352	HSIP (23 U.S.C. 148)	Urban	Principal Arterial-Interstate	52,664	70	State Highway Agency	Spot	Intersections	Infrastructure
PHSIP-52(94)	Miscellaneous	Road safety audits	2.4	Miles	\$227	\$227	HSIP (23 U.S.C. 148)	Rural	Principal Arterial-Other	1,761	55	State Highway Agency	Spot	Roadway Departure	Infrastructure
HSIP-2(277)	Miscellaneous	Road safety audits	0.02	Miles	\$309636	\$344041	HSIP (23 U.S.C. 148)	Rural	Major Collector	4,384	45	State Highway Agency	Spot	Roadway Departure	Infrastructure
PHSIP/HSIP-53(64)	Miscellaneous	Road safety audits	0.02	Miles	\$105847	\$105847	HSIP (23 U.S.C. 148)	Rural	Minor Arterial	3,730	55	State Highway Agency	Spot	Roadway Departure	Infrastructure
PHSIP-101(28)	Miscellaneous	Road safety audits	4.194	Miles	\$40000	\$40000	HSIP (23 U.S.C. 148)	Rural	Major Collector	6,511	50	State Highway Agency	Spot	Roadway Departure	Infrastructure
HSIP-26(80)	Miscellaneous	Road safety audits	2.295	Miles	\$154793	\$171990	HSIP (23 U.S.C. 148)	Rural	Principal Arterial-Other	8,415	55	State Highway Agency	Spot	Roadway Departure	Infrastructure
HSIP-96(64)	Miscellaneous	Road safety audits	4.76	Miles	\$254628	\$255128	HSIP (23 U.S.C. 148)	Rural	Major Collector	3,811	55	State Highway Agency	Spot	Roadway Departure	Infrastructure
HSIP-319(16)	Miscellaneous	Road safety audits	1.06	Miles	\$229076	\$254529	HSIP (23 U.S.C. 148)	Urban	Principal Arterial-Other	21,770	45	State Highway Agency	Spot	Roadway Departure	Infrastructure
HSIP-305(17)	Miscellaneous	Road safety audits	2.02	Miles	\$36000	\$40000	HSIP (23 U.S.C. 148)	Urban	Minor Arterial	9,624	30	State Highway Agency	Spot	Roadway Departure	Infrastructure
HSIP-39(16)	Miscellaneous	Road safety audits	1.78	Miles	\$6122	\$5639	HSIP (23 U.S.C. 148)	Multiple/Varies	Major Collector	4,341	55	State Highway Agency	Spot	Roadway Departure	Infrastructure
HSIP-52(100)	Miscellaneous	Road safety audits	2.76	Miles	\$27900	\$31000	HSIP (23 U.S.C. 148)	Rural	Minor Arterial	2,893	55	State Highway Agency	Spot	Roadway Departure	Infrastructure

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HSIP-68(66)	Miscellaneous	Road safety audits	4.82	Miles	\$36000	\$40000	HSIP (23 U.S.C. 148)	Rural	Minor Arterial	1,016	45	State Highway Agency	Spot	Roadway Departure	Infrastructure
PHSIP-24(96)	Miscellaneous	Road safety audits	0.53	Miles	\$40000	\$40000	HSIP (23 U.S.C. 148)	Urban	Major Collector	8,147	45	State Highway Agency	Spot	Roadway Departure	Infrastructure
HSIP-111(122)	Miscellaneous	Road safety audits	3.8	Miles	\$199572	\$200072	HSIP (23 U.S.C. 148)	Rural	Principal Arterial-Other Freeways & Expressways	11,152	65	State Highway Agency	Spot	Roadway Departure	Infrastructure
HSIP-30(95)	Miscellaneous	Road safety audits	6.442	Miles	\$414598	\$460665	HSIP (23 U.S.C. 148)	Rural	Minor Arterial	678	45	State Highway Agency	Spot	Roadway Departure	Infrastructure
PHSIP-2(243)	Intersection traffic control	Intersection traffic control - other	0.01	Miles	\$60456	\$60456	HSIP (23 U.S.C. 148)	Urban	Principal Arterial-Other	18,086	40	State Highway Agency	Spot	Intersections	Infrastructure
HSIP-1(378)	Intersection traffic control	Systemic improvements – signal-controlled	0.72	Miles	\$178290	\$198100	HSIP (23 U.S.C. 148)	Urban	Principal Arterial-Other	26,187	45	State Highway Agency	Spot	Intersections	Infrastructure
HSIP-10(84)	Intersection traffic control	Systemic improvements – signal-controlled	0.38	Miles	\$1407305	\$1563673	HSIP (23 U.S.C. 148)	Rural	Principal Arterial-Other	23,124	65	State Highway Agency	Spot	Intersections	Infrastructure
HSIP-11(120)	Roadway	Pavement surface - other	7.08	Miles	\$17075	\$17075	HSIP (23 U.S.C. 148)	Rural	Minor Arterial	3,427	55	State Highway Agency	Systemic	Resurfacing	Infrastructure
HSIP-12(67)	Intersection geometry	Intersection geometry - other	0.1	Miles	\$40500	\$45000	HSIP (23 U.S.C. 148)	Rural	Minor Arterial	13,734	45	State Highway Agency	Spot	Intersections	Infrastructure
HSIP-141(41)	Roadway signs and traffic control	Roadway signs (including post) - new or updated	0.73	Miles	\$59638	\$61189	HSIP (23 U.S.C. 148)	Rural	Major Collector	2,456	40	State Highway Agency	Spot	Lane Departure	Infrastructure
HSIP-15(219)	Intersection geometry	Add/modify auxiliary lanes	0.1	Miles	\$20700	\$23000	HSIP (23 U.S.C. 148)	Rural	Principal Arterial-Other	8,025	45	State Highway Agency	Spot	Intersections	Infrastructure
HSIP-235(15)	Roadway	Pavement surface - other	6.18	Miles	\$11742	\$11742	HSIP (23 U.S.C. 148)	Rural	Major Collector	561	45	State Highway Agency	Systemic	Resurfacing	Infrastructure
HSIP-386(25)	Interchange design	Interchange improvements	0.58	Miles	\$18000	\$20000	HSIP (23 U.S.C. 148)	Urban	Principal Arterial-Other Freeways & Expressways	47,710	65	State Highway Agency	Spot	Intersections	Infrastructure

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HSIP-4100(18)	Roadway signs and traffic control	Roadway signs and traffic control - other	12.92	Miles	\$11174	\$11147	HSIP (23 U.S.C. 148)	Rural	Local Road or Street	0	0	County Highway Agency	Spot	Roadway Departure	Infrastructure
HSIP-45(34)	Intersection geometry	Intersection geometry - other	0.1	Miles	\$1322897	\$1469886	HSIP (23 U.S.C. 148)	Urban	Principal Arterial-Other	28,501	50	State Highway Agency	Spot	Intersections	Infrastructure
HSIP-49(56)	Roadway	Pavement surface - other	4.02	Miles	\$8062	\$8062	HSIP (23 U.S.C. 148)	Rural	Minor Arterial	2,423	30	State Highway Agency	Systemic	Resurfacing	Infrastructure
HSIP-50(81)	Roadway signs and traffic control	Roadway signs and traffic control - other	2.4	Miles	\$15300	\$17000	HSIP (23 U.S.C. 148)	Rural	Major Collector	2,056	55	State Highway Agency	Spot	Roadway Departure	Infrastructure
HSIP-52(78)	Intersection traffic control	Systemic improvements – signal-controlled	0.1	Miles	\$7225	\$8275	HSIP (23 U.S.C. 148)	Rural	Principal Arterial-Other	15,383	35	State Highway Agency	Spot	Intersections	Infrastructure
HSIP-5600(51)	Roadway signs and traffic control	Roadway signs and traffic control - other	15.01	Miles	\$4500	\$5000	HSIP (23 U.S.C. 148)	Rural	Local Road or Street	0	0	County Highway Agency	Spot	Roadway Departure	Infrastructure
HSIP-6(153)	Roadway	Pavement surface - other	5	Miles	\$1317	\$1317	HSIP (23 U.S.C. 148)	Rural	Principal Arterial-Other	7,865	60	State Highway Agency	Systemic	Resurfacing	Infrastructure
HSIP-6400(11)	Roadway signs and traffic control	Roadway signs and traffic control - other	11.805	Miles	\$4500	\$5000	HSIP (23 U.S.C. 148)	Rural	Local Road or Street	0	0	County Highway Agency	Spot	Roadway Departure	Infrastructure
HSIP-7(38)	Roadway signs and traffic control	Roadway signs and traffic control - other	10.15	Miles	\$36760	\$36269	HSIP (23 U.S.C. 148)	Rural	Minor Arterial	4,396	55	State Highway Agency	Spot	Roadway Departure	Infrastructure
HSIP-8500(23)	Roadway signs and traffic control	Roadway signs and traffic control - other	17.89	Miles	\$4500	\$5000	HSIP (23 U.S.C. 148)	Rural	Local Road or Street	0	0	County Highway Agency	Spot	Roadway Departure	Infrastructure
HSIP-96(71)	Roadway	Pavement surface - other	3.78	Miles	\$20766	\$20766	HSIP (23 U.S.C. 148)	Rural	Minor Arterial	11,433	55	State Highway Agency	Systemic	Resurfacing	Infrastructure
HSIP-99(72)	Roadway	Pavement surface - other	2.09	Miles	\$5621	\$5621	HSIP (23 U.S.C. 148)	Urban	Minor Arterial	19,967	50	State Highway Agency	Systemic	Resurfacing	Infrastructure
HSIP-I-24-1(110)	Interchange design	Interchange improvements	1.05	Miles	\$157500	\$175000	HSIP (23 U.S.C. 148)	Urban	Principal Interstate	173,333	70	State Highway Agency	Spot	Lane Departure	Infrastructure

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PROJECT NAME	IMPROVEMENT CATEGORY	SUBCATEGORY	OUTPUTS	OUTPUT TYPE	HSIP PROJECT COST(\$)	TOTAL PROJECT COST(\$)	FUNDING CATEGORY	LAND USE/AREA TYPE	FUNCTIONAL CLASSIFICATION	AADT	SPEED OR SPEED RANGE	OWNERSHIP	METHOD FOR SITE SELECTION	SHSP EMPHASIS AREA	SHSP STRATEGY
HSIP-I-24-2(187)	Roadside	Barrier – cable	0.21	Miles	\$124927	\$138808	HSIP (23 U.S.C. 148)	Rural	Principal Arterial-Interstate	56,869	70	State Highway Agency	Spot	Roadway Departure	Infrastructure
HSIP-REG3(215)	Pedestrians and bicyclists	ADA curb ramps	3.05	Miles	\$88993	\$98879	HSIP (23 U.S.C. 148)	Multiple/Varies	Multiple/Varies	0	0	State Highway Agency	Systemic	Pedestrians	Infrastructure
HSIP-REG3(216)	Pedestrians and bicyclists	ADA curb ramps	1.5	Miles	\$72741	\$80823	HSIP (23 U.S.C. 148)	Multiple/Varies	Multiple/Varies	0	0	State Highway Agency	Systemic	Pedestrians	Infrastructure
HSIP-REG3(217)	Pedestrians and bicyclists	ADA curb ramps	58.11	Miles	\$86949	\$96611	HSIP (23 U.S.C. 148)	Multiple/Varies	Multiple/Varies	0	0	State Highway Agency	Systemic	Pedestrians	Infrastructure
HSIP-REG3(218)	Pedestrians and bicyclists	ADA curb ramps	14.39	Miles	\$0	\$78592	HSIP (23 U.S.C. 148)	Multiple/Varies	Multiple/Varies	0	0	State Highway Agency	Systemic	Pedestrians	Infrastructure
HSIP-REG3(230)	Pedestrians and bicyclists	ADA curb ramps	74.14	Miles	\$63000	\$70000	HSIP (23 U.S.C. 148)	Multiple/Varies	Multiple/Varies	0	0	State Highway Agency	Systemic	Pedestrians	Infrastructure
HSIP/PHSIP-200(42)	Roadway signs and traffic control	Roadway signs (including post) - new or updated	21.56	Miles	\$48110	\$48110	Penalty Funds (23 U.S.C. 154)	Rural	Local Road or Street	0	0	County Highway Agency	Spot	Roadway Departure	Infrastructure
HSIP/PHSIP-4300(31)	Roadway signs and traffic control	Roadway signs (including post) - new or updated	19.62	Miles	\$12153	\$12153	Penalty Funds (23 U.S.C. 154)	Rural	Local Road or Street	0	0	County Highway Agency	Spot	Roadway Departure	Infrastructure
NH/HSIP-1(434)	Roadway	Pavement surface - other	4	Miles	\$93595	\$103994	HSIP (23 U.S.C. 148)	Urban	Principal Arterial-Other	30,269	30	State Highway Agency	Systemic	Resurfacing	Infrastructure
NH/HSIP-1(482)	Roadway	Pavement surface - other	2.38	Miles	\$40445	\$44940	HSIP (23 U.S.C. 148)	Urban	Principal Arterial-Other	19,044	40	State Highway Agency	Systemic	Resurfacing	Infrastructure
NH/HSIP-100(95)	Roadway	Pavement surface - other	3.85	Miles	\$137252	\$152501	HSIP (23 U.S.C. 148)	Urban	Principal Arterial-Other	12,342	45	State Highway Agency	Systemic	Resurfacing	Infrastructure
NH/HSIP-11(114)	Roadway	Pavement surface - other	4.24	Miles	\$27506	\$30563	HSIP (23 U.S.C. 148)	Urban	Principal Arterial-Other	24,976	45	State Highway Agency	Systemic	Resurfacing	Infrastructure
NH/HSIP-11(122)	Roadway	Pavement surface - other	9.73	Miles	\$18953	\$18953	HSIP (23 U.S.C. 148)	Urban	Principal Arterial-Other	14,922	55	State Highway Agency	Systemic	Resurfacing	Infrastructure

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PROJECT NAME	IMPROVEMENT CATEGORY	SUBCATEGORY	OUTPUTS	OUTPUT TYPE	HSIP PROJECT COST(\$)	TOTAL PROJECT COST(\$)	FUNDING CATEGORY	LAND USE/AREA TYPE	FUNCTIONAL CLASSIFICATION	AADT	SPEED OR SPEED RANGE	OWNERSHIP	METHOD FOR SITE SELECTION	SHSP EMPHASIS AREA	SHSP STRATEGY
NH/HSIP-155(35)	Roadway	Pavement surface - other	1.58	Miles	\$3953	\$3953	HSIP (23 U.S.C. 148)	Urban	Principal Arterial-Other Freeways & Expressways	60,713	55	State Highway Agency	Systemic	Resurfacing	Infrastructure
NH/HSIP-6(159)	Roadway	Pavement surface - other	3.09	Miles	\$44512	\$44512	HSIP (23 U.S.C. 148)	Urban	Principal Arterial-Other	16,132	35	State Highway Agency	Systemic	Resurfacing	Infrastructure
NH/HSIP-96(65)	Roadway	Pavement surface - other	2.23	Miles	\$12191	\$13544	HSIP (23 U.S.C. 148)	Urban	Principal Arterial-Other	21,886	40	State Highway Agency	Systemic	Resurfacing	Infrastructure
NH/HSIP-96(74)	Roadway	Pavement surface - other	1.52	Miles	\$20066	\$20066	HSIP (23 U.S.C. 148)	Urban	Principal Arterial-Other	23,552	45	State Highway Agency	Systemic	Resurfacing	Infrastructure
PHSIP-13(88)	Roadside	Barrier- metal	3.22	Miles	\$33614	\$33614	Penalty Funds (23 U.S.C. 154)	Rural	Minor Arterial	1,039	55	State Highway Agency	Spot	Roadway Departure	Infrastructure
PHSIP-76(124)	Intersection traffic control	Systemic improvements – signal-controlled	0.19	Miles	\$100000	\$100000	Penalty Funds (23 U.S.C. 154)	Urban	Minor Arterial	19,160	45	State Highway Agency	Spot	Intersections	Infrastructure
PHSIP-I-840(24)	Interchange design	Interchange improvements	1.3	Miles	\$80000	\$80000	Penalty Funds (23 U.S.C. 154)	Multiple/Varies	Principal Arterial-Interstate	47,612	70	State Highway Agency	Spot	Roadway Departure	Infrastructure
STP/HSIP-232(18)	Roadway	Pavement surface - other	7.51	Miles	\$72734	\$72734	HSIP (23 U.S.C. 148)	Rural	Major Collector	1,027	35	State Highway Agency	Systemic	Resurfacing	Infrastructure
STP/HSIP-96(73)	Roadway	Pavement surface - other	5.51	Miles	\$19293	\$19293	HSIP (23 U.S.C. 148)	Urban	Principal Arterial-Other	8,880	50	State Highway Agency	Systemic	Resurfacing	Infrastructure
HSIP/PHSIP-6800(30)	Roadway signs and traffic control	Roadway signs (including post) - new or updated	20.01	Miles	\$45791	\$45791	Penalty Funds (23 U.S.C. 154)	Rural	Local Road or Street	0	0	County Highway Agency	Spot	Roadway Departure	Infrastructure
NH/HSIP-24(92)	Roadway	Pavement surface - other	5.23	Miles	\$241263	\$268071	HSIP (23 U.S.C. 148)	Urban	Principal Arterial-Other	16,292	45	State Highway Agency	Systemic	Resurfacing	Infrastructure
NH/HSIP-46(43)	Roadway	Pavement surface - other	3.74	Miles	\$23781	\$23781	HSIP (23 U.S.C. 148)	Urban	Principal Arterial-Other	31,101	45	State Highway Agency	Systemic	Resurfacing	Infrastructure
NH/HSIP-52(98)	Roadway	Pavement surface - other	4.72	Miles	\$7381	\$8200	HSIP (23 U.S.C. 148)	Rural	Principal Arterial-Other	2,102	55	State Highway Agency	Systemic	Resurfacing	Infrastructure

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PROJECT NAME	IMPROVEMENT CATEGORY	SUBCATEGORY	OUTPUTS	OUTPUT TYPE	HSIP PROJECT COST(\$)	TOTAL PROJECT COST(\$)	FUNDING CATEGORY	LAND USE/AREA TYPE	FUNCTIONAL CLASSIFICATION	AADT	SPEED OR SPEED RANGE	OWNERSHIP	METHOD FOR SITE SELECTION	SHSP EMPHASIS AREA	SHSP STRATEGY
STP/HSIP-106(48)	Roadway	Pavement surface - other	1.2	Miles	\$29007	\$32230	HSIP (23 U.S.C. 148)	Urban	Principal Arterial-Other	15,986	45	State Highway Agency	Systemic	Resurfacing	Infrastructure
STP/HSIP-110(8)	Roadway	Pavement surface - other	8.93	Miles	\$32589	\$32589	HSIP (23 U.S.C. 148)	Rural	Major Collector	1,970	55	State Highway Agency	Systemic	Resurfacing	Infrastructure
STP/HSIP-12(70)	Roadway	Pavement surface - other	5.9	Miles	\$41943	\$41943	HSIP (23 U.S.C. 148)	Rural	Minor Arterial	9,360	55	State Highway Agency	Systemic	Resurfacing	Infrastructure
STP/HSIP-129(17)	Roadway	Pavement surface - other	6.78	Miles	\$31584	\$31584	HSIP (23 U.S.C. 148)	Rural	Major Collector	329	45	State Highway Agency	Systemic	Resurfacing	Infrastructure
STP/HSIP-129(18)	Roadway	Pavement surface - other	3.7	Miles	\$19626	\$19626	HSIP (23 U.S.C. 148)	Rural	Major Collector	885	45	State Highway Agency	Systemic	Resurfacing	Infrastructure
STP/HSIP-129(19)	Roadway	Pavement surface - other	1.2	Miles	\$5303	\$5303	HSIP (23 U.S.C. 148)	Rural	Major Collector	810	45	State Highway Agency	Systemic	Resurfacing	Infrastructure
STP/HSIP-13(86)	Roadway	Pavement surface - other	4.29	Miles	\$35747	\$39718	HSIP (23 U.S.C. 148)	Rural	Minor Arterial	3,948	55	State Highway Agency	Systemic	Resurfacing	Infrastructure
STP/HSIP-147(13)	Roadway	Pavement surface - other	6.26	Miles	\$20562	\$20562	HSIP (23 U.S.C. 148)	Rural	Major Collector	3,642	45	State Highway Agency	Systemic	Resurfacing	Infrastructure
STP/HSIP-149(17)	Roadway	Pavement surface - other	7.33	Miles	\$979	\$979	HSIP (23 U.S.C. 148)	Rural	Minor Arterial	5,139	55	State Highway Agency	Systemic	Resurfacing	Infrastructure
STP-NH/HSIP-6(160)	Roadway	Pavement surface - other	3.91	Miles	\$57158	\$57158	HSIP (23 U.S.C. 148)	Urban	Principal Arterial-Other	22,759	35	State Highway Agency	Systemic	Resurfacing	Infrastructure
STP/HSIP-252(16)	Roadway	Pavement surface - other	5.56	Miles	\$5184	\$5184	HSIP (23 U.S.C. 148)	Urban	Minor Arterial	12,005	35	State Highway Agency	Systemic	Resurfacing	Infrastructure
STP/HSIP-256(6)	Roadway	Pavement surface - other	3.71	Miles	\$4296	\$4296	HSIP (23 U.S.C. 148)	Rural	Major Collector	1,045	55	State Highway Agency	Systemic	Resurfacing	Infrastructure
HSIP-1(223)	Intersection traffic control	Modify control – new traffic signal	0.1	Miles	\$173218	\$192462	HSIP (23 U.S.C. 148)	Rural	Principal Arterial-Other Freeways & Expressways	13,269	50	Town or Township Highway Agency	Spot	Intersections	Infrastructure

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PROJECT NAME	IMPROVEMENT CATEGORY	SUBCATEGORY	OUTPUTS	OUTPUT TYPE	HSIP PROJECT COST(\$)	TOTAL PROJECT COST(\$)	FUNDING CATEGORY	LAND USE/AREA TYPE	FUNCTIONAL CLASSIFICATION	AADT	SPEED OR SPEED RANGE	OWNERSHIP	METHOD FOR SITE SELECTION	SHSP EMPHASIS AREA	SHSP STRATEGY
HSIP-2823(4)	Intersection geometry	Innovative Intersection (e.g. MUT, RCUT, QR)	0.1	Miles	\$14448300	\$14448300	HSIP (23 U.S.C. 148)	Urban	Principal Arterial-Other	4,482	50	Town or Township Highway Agency	Spot	Intersections	Infrastructure
NH/HSIP-3(171)	Roadway	Pavement surface - other	5.49	Miles	\$142800	\$142800	HSIP (23 U.S.C. 148)	Urban	Principal Arterial-Other	22,361	45	State Highway Agency	Spot	Lane Departure	Infrastructure
HSIP/PHSIP-57(61)	Intersection traffic control	Modify traffic signal – add backplates with retroreflective borders	0.1	Miles	\$757600	\$244600	Penalty Funds (23 U.S.C. 154)	Urban	Principal Arterial-Other	29,093	40	State Highway Agency	Spot	Intersections	Infrastructure
HSIP-1(339)	Intersection traffic control	Modify traffic signal – modernization/replacement	0.1	Miles	\$2369250	\$2632500	HSIP (23 U.S.C. 148)	Urban	Principal Arterial-Other	14,811	35	State Highway Agency	Spot	Intersections	Infrastructure
PHSIP-100(69)	Intersection geometry	Intersection geometry - other	0.1	Miles	\$34104	\$34104	Penalty Funds (23 U.S.C. 154)	Rural	Minor Arterial	4,224	55	State Highway Agency	Spot	Intersections	Infrastructure
PHSIP-20(57)	Intersection traffic control	Modify control – new traffic signal	0.1	Miles	\$47614	\$47614	Penalty Funds (23 U.S.C. 154)	Urban	Principal Arterial-Other	13,009	40	State Highway Agency	Spot	Intersections	Infrastructure
STP/HSIP-5(120)	Roadway	Pavement surface - other	5.53	Miles	\$213300	\$11000	HSIP (23 U.S.C. 148)	Rural	Minor Arterial	12,667	55	State Highway Agency	Spot	Lane Departure	Infrastructure
NH/HSIP-22(98)	Roadway	Pavement surface - other	3.58	Miles	\$85000	\$85000	HSIP (23 U.S.C. 148)	Rural	Principal Arterial-Other	5,555	55	State Highway Agency	Spot	Lane Departure	Infrastructure
HSIP-78(29)	Roadway	Pavement surface - other	4.39	Miles	\$27671	\$27671	HSIP (23 U.S.C. 148)	Rural	Minor Arterial	1,171	45	State Highway Agency	Spot	Lane Departure	Infrastructure
HSIP-183(10)	Roadway	Pavement surface - other	4.8	Miles	\$5978	\$5978	HSIP (23 U.S.C. 148)	Rural	Major Collector	1,626	55	State Highway Agency	Spot	Lane Departure	Infrastructure
NH/HSIP-18(35)	Roadway	Pavement surface - other	3.92	Miles	\$8282	\$9202	HSIP (23 U.S.C. 148)	Urban	Principal Arterial-Other	5,425	55	State Highway Agency	Spot	Lane Departure	Infrastructure
HSIP-201(11)	Roadway	Pavement surface - other	1.02	Miles	\$2490	\$2490	HSIP (23 U.S.C. 148)	Rural	Major Collector	145	40	State Highway Agency	Spot	Lane Departure	Infrastructure
STP/HSIP-59(33)	Roadway	Pavement surface - other	8.24	Miles	\$355	\$355	HSIP (23 U.S.C. 148)	Rural	Minor Arterial	5,010	55	State Highway Agency	Spot	Lane Departure	Infrastructure

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NH/HSIP-4(12)	Roadway	Roadway - other	0.1	Miles	\$100971	\$112190	HSIP (23 U.S.C. 148)	Rural	Principal Arterial-Other	33,158	40	State Highway Agency	Spot	Lane Departure	Infrastructure
HSIP-4800(15)	Roadway signs and traffic control	Roadway signs (including post) - new or updated	1.89	Miles	\$884	\$1247	HSIP (23 U.S.C. 148)	Rural	Major Collector	0	55	County Highway Agency	Spot	Lane Departure	Infrastructure
HSIP-2803(10)	Pedestrians and bicyclists	ADA curb ramps	0	Miles	\$571590	\$635100	HSIP (23 U.S.C. 148)	Urban	Principal Arterial-Other	0	45	State Highway Agency	Systemic	Pedestrians	Infrastructure
HSIP-2826(10)	Pedestrians and bicyclists	ADA curb ramps	0	Miles	\$193401	\$214890	HSIP (23 U.S.C. 148)	Urban	Principal Arterial-Other	0	45	State Highway Agency	Systemic	Pedestrians	Infrastructure
STP/HSIP-431(20)	Roadway	Pavement surface - other	6.35	Miles	\$52160	\$242694	HSIP (23 U.S.C. 148)	Urban	Minor Arterial	11,787	30	State Highway Agency	Spot	Lane Departure	Infrastructure
HSIP-3(150)	Roadway	Roadway - other	1	Miles	\$53222	\$59135	HSIP (23 U.S.C. 148)	Urban	Principal Arterial-Other	14,773	55	State Highway Agency	Spot	Intersections	Infrastructure
NH/HSIP-57(75)	Roadway	Pavement surface - other	2.44	Miles	\$239310	\$265900	HSIP (23 U.S.C. 148)	Urban	Principal Arterial-Other	19,475	40	State Highway Agency	Spot	Lane Departure	Infrastructure
HSIP-188(11)	Roadway	Pavement surface - other	4.73	Miles	\$16530	\$16530	HSIP (23 U.S.C. 148)	Rural	Major Collector	1,590	55	State Highway Agency	Spot	Lane Departure	Infrastructure
HSIP-188(12)	Roadway	Pavement surface - other	7.3	Miles	\$1272	\$1272	HSIP (23 U.S.C. 148)	Rural	Major Collector	832	55	State Highway Agency	Spot	Lane Departure	Infrastructure
HSIP-179(14)	Roadway	Pavement surface - other	8.09	Miles	\$492370	\$57370	HSIP (23 U.S.C. 148)	Rural	Major Collector	1,666	55	State Highway Agency	Spot	Lane Departure	Infrastructure
STP/HSIP-18(34)	Roadway	Pavement surface - other	4.45	Miles	\$45879	\$50977	HSIP (23 U.S.C. 148)	Rural	Minor Arterial	2,526	40	State Highway Agency	Spot	Lane Departure	Infrastructure
STP/HSIP-1(476)	Roadway	Pavement surface - other	2.33	Miles	\$2350	\$17050	HSIP (23 U.S.C. 148)	Urban	Principal Arterial-Other	15,520	30	State Highway Agency	Spot	Lane Departure	Infrastructure
NH/HSIP-20(80)	Roadway	Pavement surface - other	0.1	Miles	\$570780	\$157200	HSIP (23 U.S.C. 148)	Urban	Principal Arterial-Other	12,440	40	State Highway Agency	Spot	Lane Departure	Infrastructure

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HSIP-300(35)	Roadway signs and traffic control	Roadway signs (including post) - new or updated	0	Miles	\$31656	\$31656	HSIP (23 U.S.C. 148)	Rural	Major Collector	0	55	County Highway Agency	Spot	Lane Departure	Infrastructure
HSIP-900(44)	Roadway signs and traffic control	Roadway signs (including post) - new or updated	0	Miles	\$22886	\$22886	HRRR Special Rule (23 U.S.C. 148(g)(1))	Rural	Major Collector	0	55	County Highway Agency	Spot	Lane Departure	Infrastructure
HSIP-3800(20)	Roadway signs and traffic control	Roadway signs (including post) - new or updated	0	Miles	\$250000	\$250000	HSIP (23 U.S.C. 148)	Rural	Major Collector	0	55	County Highway Agency	Spot	Lane Departure	Infrastructure
HSIP-3900(30)	Roadway signs and traffic control	Roadway signs (including post) - new or updated	0	Miles	\$209300	\$209300	HRRR Special Rule (23 U.S.C. 148(g)(1))	Rural	Major Collector	0	55	County Highway Agency	Spot	Lane Departure	Infrastructure
HSIP-4800(16)	Roadway signs and traffic control	Roadway signs (including post) - new or updated	0	Miles	\$12690	\$14100	HSIP (23 U.S.C. 148)	Rural	Minor Collector	0	55	County Highway Agency	Spot	Lane Departure	Infrastructure
HSIP-6600(25)	Roadway signs and traffic control	Roadway signs (including post) - new or updated	0	Miles	\$340098	\$340600	HRRR Special Rule (23 U.S.C. 148(g)(1))	Rural	Local Road or Street	0	55	County Highway Agency	Spot	Lane Departure	Infrastructure
HSIP-43(45)	Roadway	Restripe roadway to revise separation between opposing lanes and/or shoulder widths	4	Miles	\$78495	\$78360	HSIP (23 U.S.C. 148)	Rural	Principal Arterial-Other	9,554	65	State Highway Agency	Spot	Roadway Departure	Infrastructure
STP-NH/HSIP-57(79)	Roadway	Pavement surface - other	2.37	Miles	\$248709	\$276343	HSIP (23 U.S.C. 148)	Urban	Principal Arterial-Other	29,093	40	State Highway Agency	Spot	Lane Departure	Infrastructure
STP-NH/HSIP-15(213)	Roadway	Pavement surface - other	2.61	Miles	\$1402	\$1402	HSIP (23 U.S.C. 148)	Rural	Principal Arterial-Other	8,299	55	State Highway Agency	Spot	Lane Departure	Infrastructure
STP/HSIP-57(80)	Roadway	Pavement surface - other	12	Miles	\$34020	\$37800	HSIP (23 U.S.C. 148)	Rural	Minor Arterial	2,313	45	State Highway Agency	Spot	Lane Departure	Infrastructure
HSIP-57(82)	Miscellaneous	Road safety audits	1.3	Miles	\$51449	\$57165	HSIP (23 U.S.C. 148)	Rural	Minor Arterial	2,340	55	State Highway Agency	Spot	Lane Departure	Infrastructure
HSIP-59(34)	Intersection traffic control	Modify control – Modern Roundabout	0.2	Miles	\$57100	\$63445	HSIP (23 U.S.C. 148)	Urban	Principal Arterial-Other	6,243	45	State Highway Agency	Spot	Lane Departure	Infrastructure

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NH/HSIP-216(17)	Roadway	Roadway - other	0.1	Miles	\$14930	\$14930	HSIP (23 U.S.C. 148)	Urban	Principal Arterial-Other	7,321	65	State Highway Agency	Spot	Lane Departure	Infrastructure
STP/HSIP-391(16)	Roadway	Pavement surface - other	5.31	Miles	\$196920	\$218800	HSIP (23 U.S.C. 148)	Rural	Major Collector	9,424	40	State Highway Agency	Spot	Lane Departure	Infrastructure
STP/HSIP-175(30)	Roadway	Pavement surface - other	3.1	Miles	\$163448	\$181609	HSIP (23 U.S.C. 148)	Urban	Minor Arterial	19,393	45	State Highway Agency	Spot	Lane Departure	Infrastructure
STP/HSIP-78(27)	Roadway	Pavement surface - other	6.18	Miles	\$3030	\$3030	HSIP (23 U.S.C. 148)	Rural	Minor Arterial	3,946	40	State Highway Agency	Spot	Lane Departure	Infrastructure
NH/HSIP-57(86)	Roadway	Pavement surface - other	0.71	Miles	\$128276	\$142259	HSIP (23 U.S.C. 148)	Urban	Principal Arterial-Other	31,526	40	State Highway Agency	Spot	Lane Departure	Infrastructure
STP/HSIP-57(87)	Roadway	Pavement surface - other	0.49	Miles	\$67688	\$75209	HSIP (23 U.S.C. 148)	Urban	Principal Arterial-Other	11,555	40	State Highway Agency	Spot	Lane Departure	Infrastructure
HSIP-193(12)	Miscellaneous	Road safety audits	3.5	Miles	\$1145790	\$438100	HSIP (23 U.S.C. 148)	Rural	Major Collector	2,151	40	State Highway Agency	Spot	Roadway Departure	Infrastructure
HSIP-193(13)	Intersection geometry	Intersection realignment	0.3	Miles	\$97200	\$108000	HSIP (23 U.S.C. 148)	Rural	Major Collector	2,151	40	State Highway Agency	Spot	Intersections	Infrastructure
PHSIP-22(94)	Miscellaneous	Road safety audits	0.29	Miles	\$166200	\$166200	HSIP (23 U.S.C. 148)	Rural	Principal Arterial-Other	5,788	65	State Highway Agency	Spot	Roadway Departure	Infrastructure
HSIP-3(163)	Miscellaneous	Road safety audits	2.8	Miles	\$572888	\$104543	HSIP (23 U.S.C. 148)	Rural	Principal Arterial-Other	9,464	65	State Highway Agency	Spot	Roadway Departure	Infrastructure
HSIP-1(460)	Miscellaneous	Road safety audits	4.62	Miles	\$163300	\$163300	HSIP (23 U.S.C. 148)	Rural	Principal Arterial-Other	4,555	65	State Highway Agency	Spot	Roadway Departure	Infrastructure
STP/HSIP-69(107)	Roadway	Pavement surface - other	7.37	Miles	\$269200	\$269200	HSIP (23 U.S.C. 148)	Rural	Principal Arterial-Other	3,084	55	State Highway Agency	Spot	Lane Departure	Infrastructure
STP/HSIP-69(108)	Roadway	Pavement surface - other	2.68	Miles	\$112770	\$125300	HSIP (23 U.S.C. 148)	Rural	Principal Arterial-Other	5,841	55	State Highway Agency	Spot	Lane Departure	Infrastructure

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PROJECT NAME	IMPROVEMENT CATEGORY	SUBCATEGORY	OUTPUTS	OUTPUT TYPE	HSIP PROJECT COST(\$)	TOTAL PROJECT COST(\$)	FUNDING CATEGORY	LAND USE/AREA TYPE	FUNCTIONAL CLASSIFICATION	AADT	SPEED OR SPEED RANGE	OWNERSHIP	METHOD FOR SITE SELECTION	SHSP EMPHASIS AREA	SHSP STRATEGY
STP/HSIP-69(114)	Roadway	Roadway - other	6.21	Miles	\$220000	\$220000	HSIP (23 U.S.C. 148)	Rural	Principal Arterial-Other	5,090	50	State Highway Agency	Spot	Lane Departure	Infrastructure
HSIP-57(89)	Roadway	Pavement surface - other	2.62	Miles	\$454500	\$505000	HSIP (23 U.S.C. 148)	Urban	Principal Arterial-Other	23,270	40	State Highway Agency	Spot	Lane Departure	Infrastructure
HSIP-5732(12)	Miscellaneous	Road safety audits	2.69	Miles	\$1532860	\$1641700	HSIP (23 U.S.C. 148)	Urban	Principal Arterial-Other	23,270	40	State Highway Agency	Spot	Lane Departure	Infrastructure
HSIP-431(18)	Miscellaneous	Road safety audits	0.47	Miles	\$188640	\$209600	HSIP (23 U.S.C. 148)	Urban	Principal Arterial-Other	20,056	35	State Highway Agency	Spot	Roadway Departure	Infrastructure
NH/HSIP-69(105)	Roadway	Pavement surface - other	0.27	Miles	\$82800	\$92000	HSIP (23 U.S.C. 148)	Rural	Minor Arterial	1,119	55	State Highway Agency	Spot	Lane Departure	Infrastructure
HSIP-215(11)	Intersection traffic control	Intersection traffic control - other	2.07	Miles	\$33300	\$37000	HSIP (23 U.S.C. 148)	Rural	Principal Arterial-Other	7,362	55	State Highway Agency	Spot	Intersections	Infrastructure
HSIP-5(121)	Miscellaneous	Road safety audits	1.07	Miles	\$33300	\$37000	HSIP (23 U.S.C. 148)	Rural	Principal Arterial-Other	15,201	55	State Highway Agency	Spot	Roadway Departure	Infrastructure
HSIP-900(45)	Roadway signs and traffic control	Roadway signs (including post) - new or updated	0	Miles	\$4500	\$5000	HSIP (23 U.S.C. 148)	Rural	Minor Collector	0	55	County Highway Agency	Spot	Roadway Departure	Infrastructure
HSIP-2000(21)	Roadway signs and traffic control	Roadway signs (including post) - new or updated	0	Miles	\$239500	\$240000	HSIP (23 U.S.C. 148)	Rural	Local Road or Street	0	55	County Highway Agency	Spot	Roadway Departure	Infrastructure
HSIP-2300(46)	Roadway signs and traffic control	Roadway signs (including post) - new or updated	0	Miles	\$4500	\$5000	HSIP (23 U.S.C. 148)	Rural	Local Road or Street	0	55	County Highway Agency	Spot	Roadway Departure	Infrastructure
HSIP-6600(26)	Roadway signs and traffic control	Roadway signs (including post) - new or updated	0	Miles	\$4500	\$5000	HSIP (23 U.S.C. 148)	Rural	Minor Collector	0	55	County Highway Agency	Spot	Roadway Departure	Infrastructure
HSIP-9200(78)	Roadway signs and traffic control	Roadway signs (including post) - new or updated	0	Miles	\$4500	\$5000	HSIP (23 U.S.C. 148)	Rural	Major Collector	0	55	County Highway Agency	Spot	Roadway Departure	Infrastructure
STP/HSIP-371(12)	Roadway	Roadway - other	4.85	Miles	\$191000	\$191000	HSIP (23 U.S.C. 148)	Rural	Major Collector	879	55	State Highway Agency	Spot	Lane Departure	Infrastructure

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PROJECT NAME	IMPROVEMENT CATEGORY	SUBCATEGORY	OUTPUTS	OUTPUT TYPE	HSIP PROJECT COST(\$)	TOTAL PROJECT COST(\$)	FUNDING CATEGORY	LAND USE/AREA TYPE	FUNCTIONAL CLASSIFICATION	AADT	SPEED OR SPEED RANGE	OWNERSHIP	METHOD FOR SITE SELECTION	SHSP EMPHASIS AREA	SHSP STRATEGY
STP-NH/HSIP-20(86)	Roadway	Roadway - other	6.25	Miles	\$167000	\$167000	HSIP (23 U.S.C. 148)	Rural	Principal Arterial-Other	7,319	40	State Highway Agency	Spot	Lane Departure	Infrastructure
STP/HSIP-23(15)	Roadway	Roadway - other	5.78	Miles	\$134550	\$149500	HSIP (23 U.S.C. 148)	Urban	Principal Arterial-Other	19,887	40	State Highway Agency	Spot	Lane Departure	Infrastructure
STP/HSIP-152(25)	Roadway	Roadway - other	10.76	Miles	\$482200	\$482200	HSIP (23 U.S.C. 148)	Rural	Major Collector	1,940	55	State Highway Agency	Spot	Lane Departure	Infrastructure
STP/HSIP-152(26)	Roadway	Roadway - other	0.16	Miles	\$208100	\$208100	HSIP (23 U.S.C. 148)	Rural	Major Collector	1,431	55	State Highway Agency	Spot	Lane Departure	Infrastructure
HSIP-22(97)	Miscellaneous	Road safety audits	1.25	Miles	\$18000	\$20000	HSIP (23 U.S.C. 148)	Rural	Minor Arterial	7,865	55	State Highway Agency	Spot	Roadway Departure	Infrastructure
HSIP-445(10)	Miscellaneous	Road safety audits	4.99	Miles	\$1443690	\$1604100	HSIP (23 U.S.C. 148)	Rural	Major Collector	318	55	State Highway Agency	Spot	Roadway Departure	Infrastructure
HSIP-1(463)	Pedestrians and bicyclists	Pedestrians and bicyclists – other	0.2	Miles	\$24300	\$27000	HSIP (23 U.S.C. 148)	Urban	Principal Arterial-Other	14,811	35	State Highway Agency	Systemic	Pedestrians	Infrastructure
NH/HSIP-20(85)	Roadway	Pavement surface - other	8.23	Miles	\$2500	\$2500	HSIP (23 U.S.C. 148)	Rural	Principal Arterial-Other	11,801	65	State Highway Agency	Spot	Lane Departure	Infrastructure
HSIP-7900(66)	Miscellaneous	Road safety audits	3.54	Miles	\$4500	\$5000	HSIP (23 U.S.C. 148)	Urban	Principal Arterial-Other Freeways & Expressways	79,299	55	State Highway Agency	Spot	Roadway Departure	Infrastructure
HSIP-7900(67)	Miscellaneous	Miscellaneous - other	0.58	Miles	\$299700	\$333000	HSIP (23 U.S.C. 148)	Urban	Principal Arterial-Other	0	55	State Highway Agency	Pilot Program to test technology	Wrong Way Technology Pilot	Infrastructure
HSIP-REG4(218)	Pedestrians and bicyclists	ADA curb ramps	0	Miles	\$239699	\$266332	HSIP (23 U.S.C. 148)	Urban	Principal Arterial-Other	0	45	State Highway Agency	Systemic	Pedestrians	Infrastructure
HSIP-14(69)	Intersection traffic control	Modify traffic signal – add additional signal heads	0.29	Miles	\$20700	\$23000	HSIP (23 U.S.C. 148)	Urban	Principal Arterial-Other	13,154	45	State Highway Agency	Spot	Intersections	Infrastructure
HSIP-124(10)	Miscellaneous	Road safety audits	5.66	Miles	\$9000	\$10000	HSIP (23 U.S.C. 148)	Rural	Major Collector	2,385	55	State Highway Agency	Spot	Roadway Departure	Infrastructure

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PROJECT NAME	IMPROVEMENT CATEGORY	SUBCATEGORY	OUTPUTS	OUTPUT TYPE	HSIP PROJECT COST(\$)	TOTAL PROJECT COST(\$)	FUNDING CATEGORY	LAND USE/AREA TYPE	FUNCTIONAL CLASSIFICATION	AADT	SPEED OR SPEED RANGE	OWNERSHIP	METHOD FOR SITE SELECTION	SHSP EMPHASIS AREA	SHSP STRATEGY
HSIP-REG4(222)	Pedestrians and bicyclists	ADA curb ramps	0	Miles	\$47700	\$53000	HSIP (23 U.S.C. 148)	Urban	Principal Arterial-Other	0	45	State Highway Agency	Systemic	Pedestrians	Infrastructure
NH/HSIP-69(112)	Roadway	Pavement surface - other	5.72	Miles	\$137000	\$137000	HSIP (23 U.S.C. 148)	Rural	Principal Arterial-Other	2,546	55	State Highway Agency	Spot	Lane Departure	Infrastructure
STP/HSIP-181(19)	Roadway	Pavement surface - other	11.48	Miles	\$51700	\$51700	HSIP (23 U.S.C. 148)	Rural	Major Collector	572	55	State Highway Agency	Spot	Lane Departure	Infrastructure
STP/HSIP-104(50)	Roadway	Pavement surface - other	2.53	Miles	\$11500	\$11500	HSIP (23 U.S.C. 148)	Rural	Major Collector	650	55	State Highway Agency	Spot	Roadway Departure	Infrastructure
NH/HSIP-22(100)	Roadway	Pavement surface - other	1.81	Miles	\$70800	\$70800	HSIP (23 U.S.C. 148)	Rural	Principal Arterial-Other	7,920	45	State Highway Agency	Spot	Roadway Departure	Infrastructure
NH/HSIP-22(101)	Roadway	Pavement surface - other	0.1	Miles	\$519100	\$519100	HSIP (23 U.S.C. 148)	Rural	Principal Arterial-Other	5,788	65	State Highway Agency	Spot	Lane Departure	Infrastructure
HSIP-57(91)	Miscellaneous	Road safety audits	2.826	Miles	\$36000	\$40000	HSIP (23 U.S.C. 148)	Rural	Minor Arterial	2,246	55	State Highway Agency	Spot	Roadway Departure	Infrastructure
HSIP-69(115)	Miscellaneous	Road safety audits	5.08	Miles	\$36000	\$40000	HSIP (23 U.S.C. 148)	Rural	Minor Arterial	2,099	55	State Highway Agency	Spot	Roadway Departure	Infrastructure
HSIP-54(54)	Miscellaneous	Road safety audits	0.1	Miles	\$36000	\$40000	HSIP (23 U.S.C. 148)	Rural	Major Collector	1,623	55	State Highway Agency	Spot	Roadway Departure	Infrastructure
HSIP-152(27)	Miscellaneous	Road safety audits	5	Miles	\$36000	\$40000	HSIP (23 U.S.C. 148)	Rural	Major Collector	1,901	55	State Highway Agency	Spot	Roadway Departure	Infrastructure
HSIP-REG4(233)	Pedestrians and bicyclists	ADA curb ramps	0	Miles	\$67500	\$75000	HSIP (23 U.S.C. 148)	Urban	Principal Arterial-Other	0	45	State Highway Agency	Systemic	Pedestrians	Infrastructure
HSIP-REG4(234)	Pedestrians and bicyclists	ADA curb ramps	0	Miles	\$67500	\$75000	HSIP (23 U.S.C. 148)	Urban	Principal Arterial-Other	0	45	State Highway Agency	Systemic	Pedestrians	Infrastructure
HSIP-REG4(235)	Pedestrians and bicyclists	ADA curb ramps	0	Miles	\$129128	\$143476	HSIP (23 U.S.C. 148)	Urban	Principal Arterial-Other	0	45	State Highway Agency	Systemic	Pedestrians	Infrastructure

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PROJECT NAME	IMPROVEMENT CATEGORY	SUBCATEGORY	OUTPUTS	OUTPUT TYPE	HSIP PROJECT COST(\$)	TOTAL PROJECT COST(\$)	FUNDING CATEGORY	LAND USE/AREA TYPE	FUNCTIONAL CLASSIFICATION	AADT	SPEED OR SPEED RANGE	OWNERSHIP	METHOD FOR SITE SELECTION	SHSP EMPHASIS AREA	SHSP STRATEGY
HSIP-138(9)	Miscellaneous	Road safety audits	5.1	Miles	\$36000	\$40000	HSIP (23 U.S.C. 148)	Rural	Major Collector	982	45	State Highway Agency	Spot	Lane Departure	Infrastructure
HSIP-3(173)	Intersection geometry	Innovative Intersection (e.g. MUT, RCUT, QR)	0.1	Miles	\$54000	\$60000	HSIP (23 U.S.C. 148)	Urban	Principal Arterial-Other	14,773	55	State Highway Agency	Systemic	Pedestrians	Infrastructure
HSIP-1(490)	Pedestrians and bicyclists	Pedestrian signal - other	1.24	Miles	\$54000	\$60000	HSIP (23 U.S.C. 148)	Urban	Principal Arterial-Other	16,722	35	State Highway Agency	Systemic	Pedestrians	Infrastructure
HSIP-9409(238)	Pedestrians and bicyclists	Medians and pedestrian refuge areas	1.137	Miles	\$54000	\$60000	HSIP (23 U.S.C. 148)	Urban	Principal Arterial-Other	12,316	45	State Highway Agency	Systemic	Pedestrians	Infrastructure
HSIP-277(9)	Pedestrians and bicyclists	Pedestrians and bicyclists – other	0.35	Miles	\$54000	\$60000	HSIP (23 U.S.C. 148)	Urban	Principal Arterial-Other	18,929	40	State Highway Agency	Systemic	Pedestrians	Infrastructure
HSIP-14(71)	Pedestrians and bicyclists	Pedestrians and bicyclists – other	0.45	Miles	\$54000	\$60000	HSIP (23 U.S.C. 148)	Urban	Principal Arterial-Other	11,287	35	State Highway Agency	Systemic	Pedestrians	Infrastructure
HSIP-2830(11)	Pedestrians and bicyclists	Pedestrians and bicyclists – other	0.4	Miles	\$54000	\$60000	HSIP (23 U.S.C. 148)	Urban	Principal Arterial-Other	20,272	45	State Highway Agency	Systemic	Pedestrians	Infrastructure
HSIP-1(489)	Intersection traffic control	Modify control – Modern Roundabout	0.1	Miles	\$36000	\$40000	HSIP (23 U.S.C. 148)	Rural	Major Collector	2,621	55	State Highway Agency	Spot	Intersections	Infrastructure
HSIP-54(55)	Intersection traffic control	Modify control – Modern Roundabout	0.3	Miles	\$36000	\$40000	HSIP (23 U.S.C. 148)	Rural	Major Collector	4,388	55	State Highway Agency	Spot	Intersections	Infrastructure
PHSIP-1(491)	Intersection traffic control	Modify control – new traffic signal	0.77	Miles	\$60000	\$60000	Penalty Funds (23 U.S.C. 154)	Urban	Principal Arterial-Other	13,269	50	State Highway Agency	Spot	Intersections	Infrastructure
HSIP-384(16)	Intersection traffic control	Modify control – Modern Roundabout	0.447	Miles	\$54000	\$60000	HSIP (23 U.S.C. 148)	Rural	Major Collector	4,517	55	State Highway Agency	Spot	Intersections	Infrastructure

2024 Tennessee Highway Safety Improvement Program

Explanation - The following projects show Total Project Cost less than HSIP Project Cost. This occurred due to A/C Conversion that spanned report years for these projects.

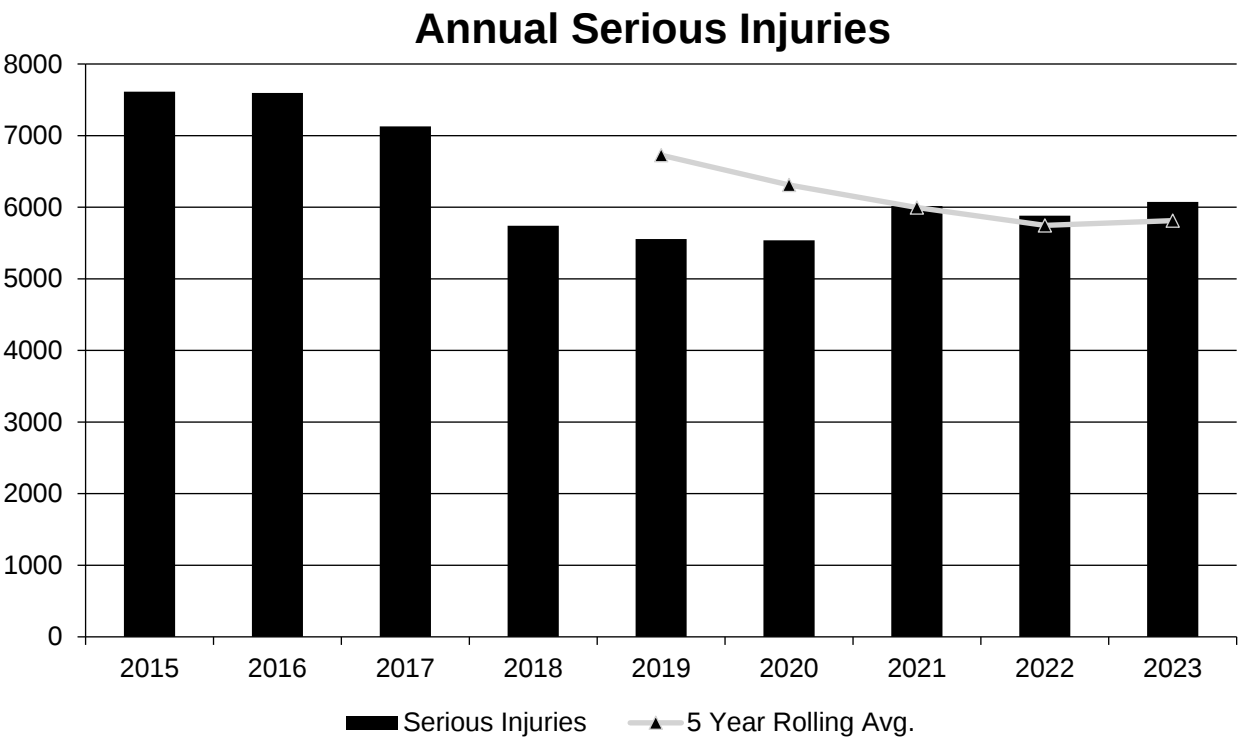
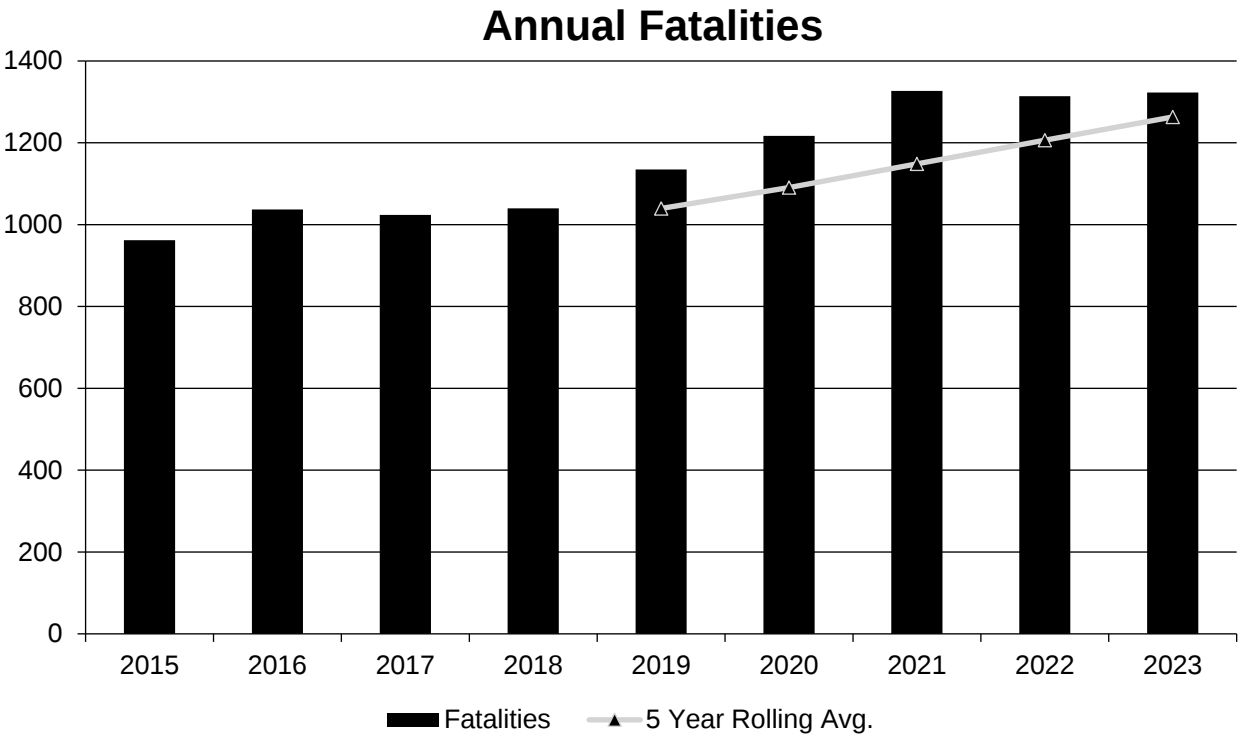
HSIP-193(12)
HSIP/PHSIP-57(61)
HSIP-3(163)
HSIP-179(14)
NH/HSIP-20(80)
STP/HSIP-40(43)
HSIP-REG1(214)
STP/HSIP-5(120)
NH/HSIP-95(17)
HSIP-335(9)
HSIP-35(81)
HSIP-348(8)
HSIP-53(63)
NH/ HSIP-162(14)
HSIP-2100(27)
HSIP-7(38)
HSIP-39(16)
HSIP-9300(42)
HSIP-1600(20)
HSIP-43(45)
HSIP-4100(18)

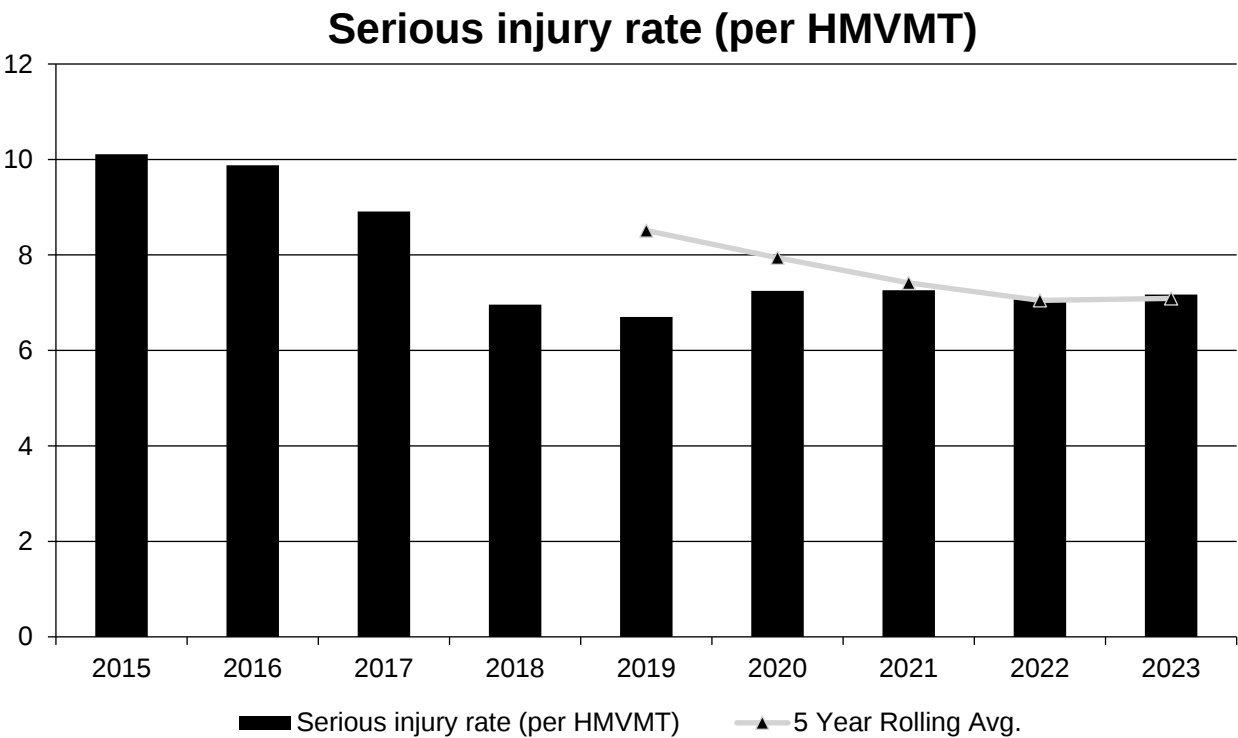
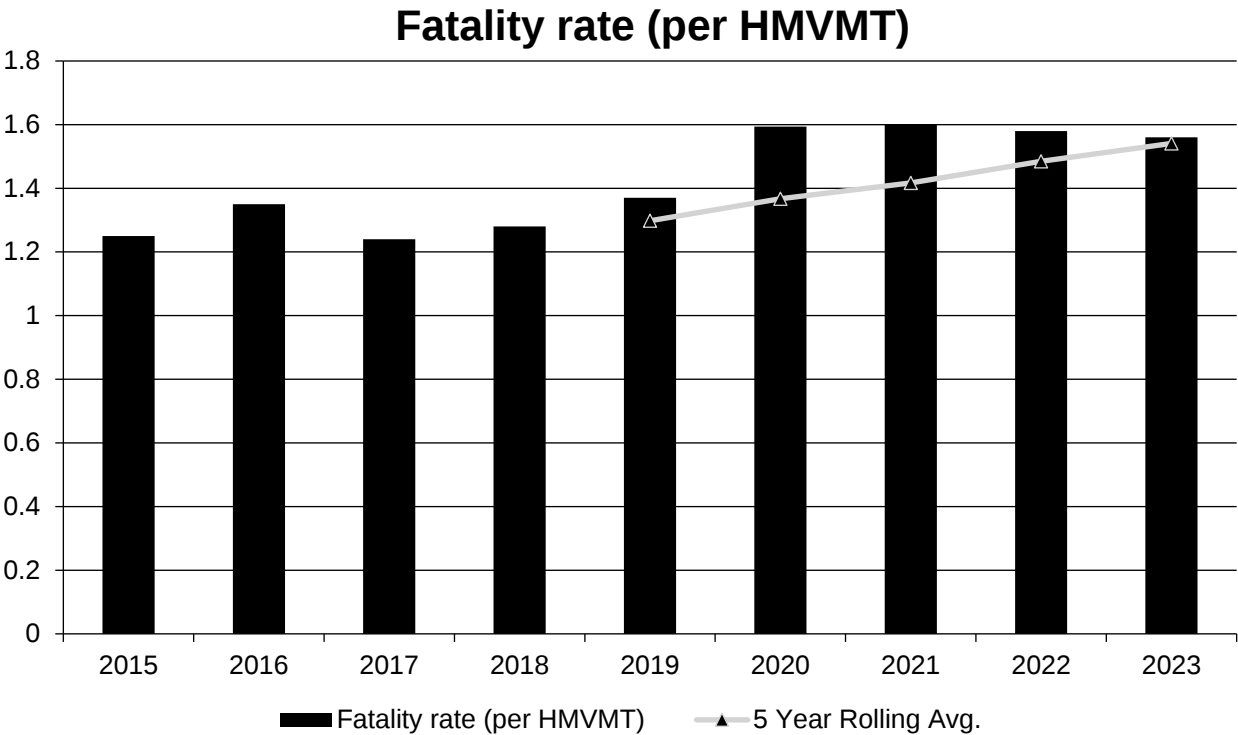
Safety Performance

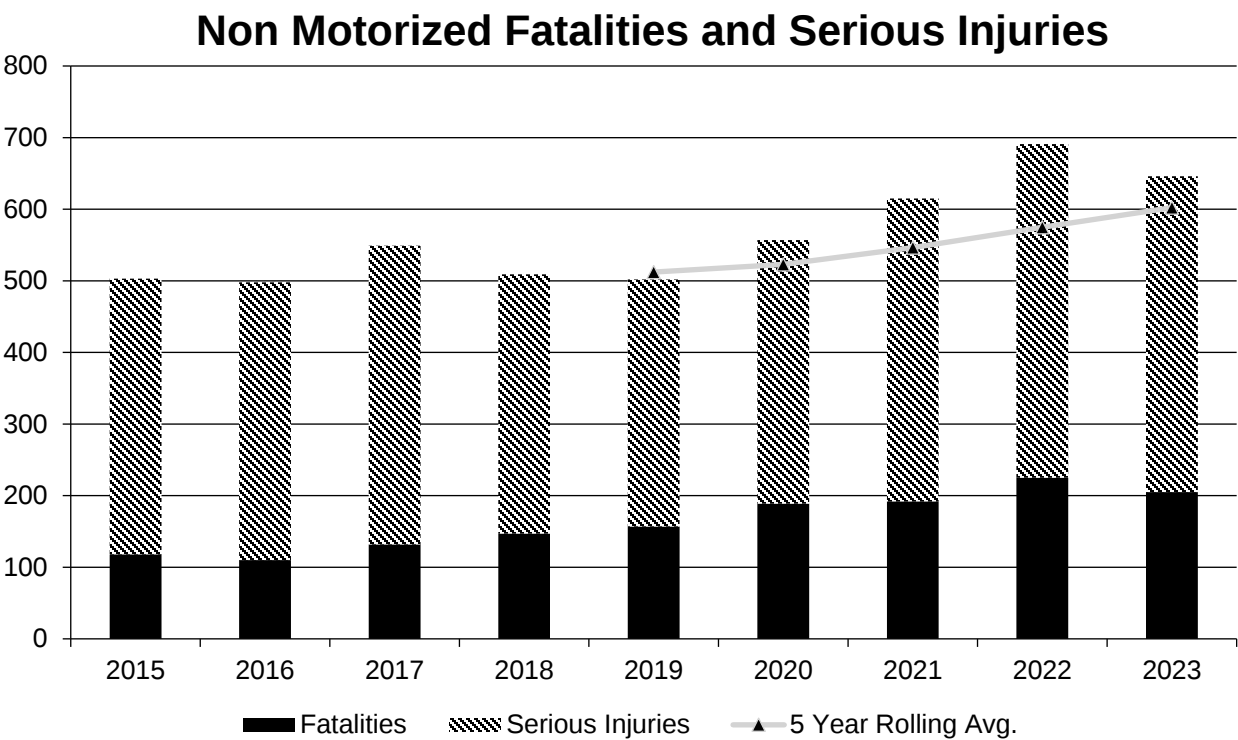
General Highway Safety Trends

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

PERFORMANCE MEASURES	2015	2016	2017	2018	2019	2020	2021	2022	2023
Fatalities	962	1,037	1,024	1,040	1,135	1,217	1,327	1,314	1,323
Serious Injuries	7,613	7,595	7,129	5,742	5,555	5,537	6,015	5,882	6,074
Fatality rate (per HMVMT)	1.250	1.350	1.240	1.280	1.370	1.594	1.600	1.580	1.560
Serious injury rate (per HMVMT)	10.110	9.878	8.911	6.960	6.701	7.248	7.260	7.070	7.170
Number non-motorized fatalities	118	110	132	147	157	189	192	225	205
Number of non-motorized serious injuries	385	388	417	362	345	368	423	466	441







Data is current as of 9/25/2024.

Describe fatality data source.

State Motor Vehicle Crash Database

Tennessee’s Integrated Traffic Analysis Network (TITAN); Primary source of crash data including contributing factors, person attributes, date, time, conditions, etc.

Fatality Analysis Reporting System (FARS)

NHTSA Source for fatality related statistics

2020 Tennessee Strategic Highway Safety Plan TDOT Previous plan statistics used for performance comparison (SHSP being updated in 2024 for 2025-2029)

Highway Performance Monitoring System

TDOT VMT data for fatality and serious injury rate statistics

AASHTOWare Safety TDOT

Relationships between the contributing factor’s occurrence and other conditions

2024 Tennessee Highway Safety Improvement Program

To the maximum extent possible, present this data by functional classification and ownership.

Year 2023

Functional 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 (RPA) - Interstate	66.6	255.4		
Rural Principal Arterial (RPA) - Other Freeways and Expressways	1.4	4.8		
Rural Principal Arterial (RPA) - Other	89.8	335		
Rural Minor Arterial	105	412.4		
Rural Minor Collector	91.8	411.8		
Rural Major Collector	90.6	435.2		
Rural Local Road or Street	73.4	453.8		
Urban Principal Arterial (UPA) - Interstate	125.4	372		
Urban Principal Arterial (UPA) - Other Freeways and Expressways	16.8	59.2		
Urban Principal Arterial (UPA) - Other	293.8	1,280.2		
Urban Minor Arterial	125	554.6		
Urban Minor Collector	77.8	387.4		
Urban Major Collector	58.8	356		
Urban Local Road or Street	73.6	437.8		

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Year 2023

Roadways	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)
State Highway Agency	825.4	3,548.6		
County Highway Agency	196.4	1,056.4		
Town or Township Highway Agency				
City or Municipal Highway Agency	240.8	1,205.6		
State Park, Forest, or Reservation Agency				
Local Park, Forest or Reservation Agency				
Other State Agency				
Other Local Agency				
Private (Other than Railroad)				
Railroad				
State Toll Authority				
Local Toll Authority				
Other Public Instrumentality (e.g. Airport, School, University)				
Indian Tribe Nation				

Provide additional discussion related to general highway safety trends.

- The number of traffic fatalities in Tennessee for 2021 thru 2023 have remained steady. Both 2022 and 2023 had fewer fatalities than in 2021 by a narrow margin.
- Non-motorized fatalities and serious injuries are still increasing nationally as well as in Tennessee.
- Pedestrian focused programs and initiatives are increasing due to the significant increase in non-motorized fatalities and serious injuries. Tennessee's population grew by 8.9% between 2010 and 2020 according to Census 2020. The Nashville Metropolitan area showed an increase of 20.9%. National trends show the fastest growth occurred in the nation's largest cities.
- The number of highway construction work zones across state is anticipated to increase due to additional funding now available.
- Enforcement efforts by police and state troopers are really increasing in 2024

2024 Tennessee Highway Safety Improvement Program

- AASHTOWare Safety software implementation started in December 2022 and is now complete with 400 plus users. Transportation professionals from TDOT, TN Dept. of Safety, MPO's, RPO's, local government, consultants, and academia are being trained and utilizing the software. The AASHTOWare Safety software provides data-driven safety analysis consistent with the Highway Safety Manual (HSM).

Safety Performance Targets

Safety Performance Targets

Calendar Year 2025 Targets *

Number of Fatalities:1321.2

Describe the basis for established target, including how it supports SHSP goals.

Target Setting Context

Final Rule National Performance Management Measures: Highway Safety Improvement Program (23 CFR Part 490) established that State Departments of Transportation targets shall be identical to the targets established by the State Highway Safety Office for common performance measures reported in the state's Highway Safety Plan (HSP), subject to the requirements of 23 U.S.C. 402(k)(4) and National Highway Traffic Safety Administration's (NHTSA's) regulations in 23 CFR part 1300 (1). The three common performance measures are: Number of Fatalities, Fatality Rate per Vehicle Miles Traveled (VMT), and Number of Serious injuries.

The Infrastructure Investment and Jobs Act (IIJA) updated funding requirements for the Highway Safety Programs by requiring the 3 common performance measure targets to demonstrate constant or improving performance (2). To ease the transition to this new target setting requirement, Federal Highway Administration (FHWA) amended 23 CFR 490 with a federal rule to waive the requirement for Fiscal Year 2024 (3). The requirement was waived again on May 6th, 2024, for Fiscal Year 2025 (4). Fatalities in the 1st Quarter of 2024 are down from 2023 and resemble pre-covid numbers. Currently there are no confirmed influencing factors for this reduction in fatalities.

Target Selection

Analysis of historical trends suggests that TDOT will not meet or improve beyond the Tennessee Highway State Office (THSO) target of 1,308.2 Number of Traffic Fatalities; therefore, an alternative target was selected.

The target was determined by averaging the number of fatalities in 2021, 2022, 2023 and projected fatalities for 2024 and 2025. The fatalities for 2024 and 2025 are assumed to remain constant from 2023 for this calculation, given the unexplained decrease in fatalities shown in recent data. The target was approved by TDOT leadership.

Special Note

It is always the intent of the Tennessee Department of Transportation and our partner agencies to reduce traffic fatalities on Tennessee roadways.

References

1. Federal Highway Administration, Department of Transportation. "National Performance Management Measures: Highway Safety Improvement Program." Federal Register 81, 13881 (April 14, 2016): Pages 13881-13916. <https://www.federalregister.gov/documents/2016/03/15/2016-05202/national-performance-management-measures-highway-safety-improvement-program>.
2. Congress.gov. "Text - H.R.3684 - 117th Congress (2021-2022): Infrastructure Investment and Jobs Act." November 15, 2021. <https://www.congress.gov/bill/117th-congress/house-bill/3684/text>.
3. National Highway Traffic Safety Administration, Department of Transportation. "Uniform Procedures for State Highway Safety Grant Programs." Federal Register 88, 36472 (June 5, 2023): Pages 36472-36475. <https://www.federalregister.gov/documents/2023/06/05/2023-11758/uniform-procedures-for-state-highway-safety-grant-programs>.

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4. National Highway Traffic Safety Administration, Department of Transportation. "Uniform Procedures for State Highway Safety Grant Programs." Federal Register 89, 37113 (May 6, 2024): Pages 37113-37116. <https://www.federalregister.gov/documents/2024/05/06/2024-09732/uniform-procedures-for-state-highway-safety-grant-programs>.

Number of Serious Injuries:6069.2

Describe the basis for established target, including how it supports SHSP goals.

Target Setting Context

Final Rule National Performance Management Measures: Highway Safety Improvement Program (23 CFR Part 490) established that State Departments of Transportation targets shall be identical to the targets established by the State Highway Safety Office for common performance measures reported in the state's Highway Safety Plan (HSP), subject to the requirements of 23 U.S.C. 402(k)(4) and National Highway Traffic Safety Administration's (NHTSA's) regulations in 23 CFR part 1300 (1). The three common performance measures are: Number of Fatalities, Fatality Rate per Vehicle Miles Traveled (VMT), and Number of Serious injuries.

The Infrastructure Investment and Jobs Act (IIJA) updated funding requirements for the Highway Safety Programs by requiring the 3 common performance measure targets to demonstrate constant or improving performance (2). To ease the transition to this new target setting requirement, Federal Highway Administration (FHWA) amended 23 CFR 490 with a federal rule to waive the requirement for Fiscal Year 2024 (3). The requirement was waived again on May 6th, 2024, for Fiscal Year 2025 (4).

In compliance with Federal Highway Administration's (FHWA's) Safety Performance Management Measures Final Rule (23 CFR 490), Tennessee revised crash reports in December 2017 to reflect the Model Minimum Uniform Crash Criteria Fourth Edition (MMUCC 4th edition) "Suspected Serious Injury (A)" attribute found in the "Injury Status" element⁵. The change from this rule impacted the number of serious injuries as seen by the percent change of -19.4% in serious injuries from 2017 to 2018. The baseline performance cycle (2018-2022) contains data from years that were impacted by this change and the target performance cycle (2020-2024) no longer contains that data. As a result, the baseline is anticipated to be low in comparison to the actual performance for the 2021-2025 performance cycle.

Target Selection

The target was determined by averaging the number of serious injuries in 2021, 2022, 2023 and projected serious injuries for 2024 and 2025. To project serious injuries for 2024 and 2025, the average percent change of 1.22% in serious injuries from the baseline performance period (2019-2023) was applied as the annual percent change from 2023 to 2024 and 2024 to 2025. The target was approved by TDOT leadership.

Special Note

It is always the intent of the Tennessee Department of Transportation and our partner agencies to reduce serious injuries from traffic incidents on Tennessee roadways.

References

1. Federal Highway Administration, Department of Transportation. "National Performance Management Measures: Highway Safety Improvement Program." Federal Register 81, 13881 (April 14, 2016): Pages 13881-13916. <https://www.federalregister.gov/documents/2016/03/15/2016-05202/national-performance-management-measures-highway-safety-improvement-program>.
2. Congress.gov. "Text - H.R.3684 - 117th Congress (2021-2022): Infrastructure Investment and Jobs Act." November 15, 2021.

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3. National Highway Traffic Safety Administration, Department of Transportation. "Uniform Procedures for State Highway Safety Grant Programs." Federal Register 88, 36472 (June 5, 2023): Pages 36472-36475. <https://www.federalregister.gov/documents/2023/06/05/2023-11758/uniform-procedures-for-state-highway-safety-grant-programs>.

4. National Highway Traffic Safety Administration, Department of Transportation. "Uniform Procedures for State Highway Safety Grant Programs." Federal Register 89, 37113 (May 6, 2024): Pages 37113-37116. <https://www.federalregister.gov/documents/2024/05/06/2024-09732/uniform-procedures-for-state-highway-safety-grant-programs>.

5. Federal Highway Administration, Department of Transportation. "National Performance Management Measures: Highway Safety Improvement Program." Federal Register 81, 13881 (April 14, 2016): Pages 13881-13916. <https://www.federalregister.gov/documents/2016/03/15/2016-05202/national-performance-management-measures-highway-safety-improvement-program>

Fatality Rate:1.579

Describe the basis for established target, including how it supports SHSP goals.

Target Setting Context

Final Rule National Performance Management Measures: Highway Safety Improvement Program (23 CFR Part 490) established that State Departments of Transportation targets shall be identical to the targets established by the State Highway Safety Office for common performance measures reported in the state's Highway Safety Plan (HSP), subject to the requirements of 23 U.S.C. 402(k)(4) and National Highway Traffic Safety Administration's (NHTSA's) regulations in 23 CFR part 1300 (1). The three common performance measures are: Number of Fatalities, Fatality Rate per Vehicle Miles Traveled (VMT), and Number of Serious injuries. The Infrastructure Investment and Jobs Act (IIJA) updated funding requirements for the Highway Safety Programs by requiring the 3 common performance measure targets to demonstrate constant or improving performance (2). To ease the transition to this new target setting requirement, Federal Highway Administration (FHWA) amended 23 CFR 490 with a federal rule to waive the requirement for Fiscal Year 2024 (3). The requirement was waived again on May 6th, 2024, for Fiscal Year 2025 (4). Tennessee Department of Transportation (TDOT) used the following information to project VMT growth:

- TDOT's Long-Range Planning Division projected a 0.42% growth in VMT in 2023 and 2024.
- Tennessee VMT growth in 2023 was 0.69%.
- Average Tennessee VMT growth year-over-year from 2019-2023 was 0.43%.

Target Selection

The target was determined by calculating and averaging the fatality rate per 100 million VMT for 2021, 2022, 2023, and 2024 and 2025 with projected fatalities. For the years 2024 and 2025, a projected 0.50% increase in VMT and the same projected numbers used to calculate the Number of Fatalities target for the 2021-2025 performance cycle were used to calculate the individual rates for those years. The target was approved by TDOT leadership.

Special Note

It is always the intent of the Tennessee Department of Transportation and our partner agencies to reduce traffic fatalities on Tennessee roadways.

References

1. Federal Highway Administration, Department of Transportation. "National Performance Management Measures: Highway Safety Improvement Program." Federal Register 81, 13881 (April 14, 2016): Pages 13881-

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13916. <https://www.federalregister.gov/documents/2016/03/15/2016-05202/national-performance-management-measures-highway-safety-improvement-program>.

2. Congress.gov. "Text - H.R.3684 - 117th Congress (2021-2022): Infrastructure Investment and Jobs Act." November 15, 2021. <https://www.congress.gov/bill/117th-congress/house-bill/3684/text>.

3. National Highway Traffic Safety Administration, Department of Transportation. "Uniform Procedures for State Highway Safety Grant Programs." Federal Register 88, 36472 (June 5, 2023): Pages 36472-36475. <https://www.federalregister.gov/documents/2023/06/05/2023-11758/uniform-procedures-for-state-highway-safety-grant-programs>.

4. National Highway Traffic Safety Administration, Department of Transportation. "Uniform Procedures for State Highway Safety Grant Programs." Federal Register 89, 37113 (May 6, 2024): Pages 37113-37116. <https://www.federalregister.gov/documents/2024/05/06/2024-09732/uniform-procedures-for-state-highway-safety-grant-programs>.

Serious Injury Rate:7.251

Describe the basis for established target, including how it supports SHSP goals.

Target Setting Context

In compliance with Federal Highway Administration's (FHWA's) Safety Performance Management Measures Final Rule (23 CFR 490), Tennessee revised crash reports in December 2017 to reflect the Model Minimum Uniform Crash Criteria Fourth Edition (MMUCC 4th edition) "Suspected Serious Injury (A)" attribute found in the "Injury Status" element (1). The change from this rule impacted the number of serious injuries as seen by the percent change of -19.4% in serious injuries from 2017 to 2018. The baseline performance cycle (2018-2022) contains data from years that were impacted by this change and the target performance cycle (2020-2024) no longer contains that data. As a result, the baseline is anticipated to be low in comparison to the actual performance for the 2021-2025 performance cycle. Tennessee Department of Transportation (TDOT) used the following information to project VMT growth:

- TDOT's Research Office projects a 0.42% growth in VMT in 2023 and 2024.
- Tennessee VMT growth in 2023 was 0.69%.
- Average Tennessee VMT growth year-over-year from 2019-2023 was 0.43%.

Target Selection

The target was determined by calculating and averaging the serious injuries rate per 100 million VMT for 2021, 2022, 2023, and 2024 and 2025 with projected serious injuries. For the years 2024 and 2025, a projected 0.50% increase in VMT and the projected numbers used to calculate the Number of Serious Injuries target for the 2021-2025 performance cycle were used to calculate the individual rates for those years. The target was approved by TDOT leadership.

Special Note

It is always the intent of the Tennessee Department of Transportation and our partner agencies to reduce serious injuries from traffic incidents on Tennessee roadways.

References

1. Federal Highway Administration, Department of Transportation. "National Performance Management Measures: Highway Safety Improvement Program." Federal Register 81, 13881 (April 14, 2016): Pages 13881-13916. <https://www.federalregister.gov/documents/2016/03/15/2016-05202/national-performance-management-measures-highway-safety-improvement-program>.

Total Number of Non-Motorized Fatalities and Serious Injuries:670.9

Describe the basis for established target, including how it supports SHSP goals.

Target Setting Context

In compliance with Federal Highway Administration's (FHWA's) Safety Performance Management Measures Final Rule (23 CFR 490), Tennessee revised crash reports in December 2017 to reflect the Model Minimum Uniform Crash Criteria Fourth Edition (MMUCC 4th edition) "Suspected Serious Injury (A)" attribute found in the "Injury Status" element (1). This change may have impacted the number of non-motorized serious injuries with a greater decrease in numbers than anticipated.

Target Selection

The target was determined by averaging the number of non-motorized serious injuries and fatalities in 2021, 2022, 2023, and projected fatalities for 2024 and 2025. To project number of non-motorized fatalities and serious injuries in 2024 and 2025, the average percent change of 5.47% in serious injuries from the baseline performance period (2019-2023) was applied as the annual percent change from 2023 to 2024 and 2024 to 2025. The target was approved by TDOT leadership.

Special Note

It is always the intent of the Tennessee Department of Transportation and our partner agencies to reduce non-motorized serious injuries and fatalities from traffic incidents on Tennessee roadways.

References

1. Federal Highway Administration, Department of Transportation. "National Performance Management Measures: Highway Safety Improvement Program." Federal Register 81, 13881 (April 14, 2016): Pages 13881-13916. <https://www.federalregister.gov/documents/2016/03/15/2016-05202/national-performance-management-measures-highway-safety-improvement-program>.

Describe efforts to coordinate with other stakeholders (e.g. MPOs, SHSO) to establish safety performance targets.

A cross-functional, cross-agency working group was identified to develop targets for the safety performance measures. This working group includes members of the Tennessee Highway Safety Office (THSO), Tennessee Department of Safety and Homeland Security (TDS&HS), Tennessee Division of Federal Highway Administration, and Tennessee Department of Transportation. MPO's and TPO's were invited to participate and some of them have participated. The target setting process consisted of data review, trend analysis, context/consideration of key factors, and consensus on target setting assumptions, and review and consensus on draft targets. The Safety PM Working Group provided recommendations to an Oversight Committee, which included directors from the TDOT, TDOS&HS, and THSO. Meetings are scheduled monthly starting in February thru June to establish consensus on targets.

Does the State want to report additional optional targets?

No

Describe progress toward meeting the State's 2023 Safety Performance Targets (based on data available at the time of reporting). For each target, include a discussion of any reasons for differences in the actual outcomes and targets.

PERFORMANCE MEASURES	TARGETS	ACTUALS
Number of Fatalities	1308.2	1263.2
Number of Serious Injuries	6069.4	5812.6
Fatality Rate	1.601	1.541
Serious Injury Rate	7.424	7.090
Non-Motorized Fatalities and Serious Injuries	600.9	602.2

TDOT is pleased with the 2023 targets set in the 2022 annual report. Although some of the data is preliminary, it appears 4 out of 5 of the targets are met.

Applicability of Special Rules

Does the HRRR special rule apply to the State for this reporting period?

Yes

Does the VRU Safety Special Rule apply to the State for this reporting period?

Yes

Provide the number of older driver and pedestrian fatalities and serious injuries 65 years of age and older for the past seven years.

PERFORMANCE MEASURES	2017	2018	2019	2020	2021	2022	2023
Number of Older Driver and Pedestrian Fatalities	176	157	187	159	184	222	196
Number of Older Driver and Pedestrian Serious Injuries	456	362	349	294	366	376	369

Evaluation

Program Effectiveness

How does the State measure effectiveness of the HSIP?

- Change in fatalities and serious injuries
- Lives saved
- Other-Countermeasure Effectiveness

TDOT reviewed the crash data for 3 years before and 3 years after project completion. The data is included in this report.

Based on the measures of effectiveness selected previously, describe the results of the State's program level evaluations.

TDOT implemented AASHTOWare Safety software and uses the software to do comparisons of pre-project and post-project crash activity. The software produces a comparison summary report identifying either improving or worsening crash activity after a project is implemented. This is applicable to all HSIP program projects including HRRR and Vulnerable Road User programs.

Evaluations compare crash data for 3 years before and 3 years after projects are implemented to help guide decision making for future projects.

What other indicators of success does the State use to demonstrate effectiveness and success of the Highway Safety Improvement Program?

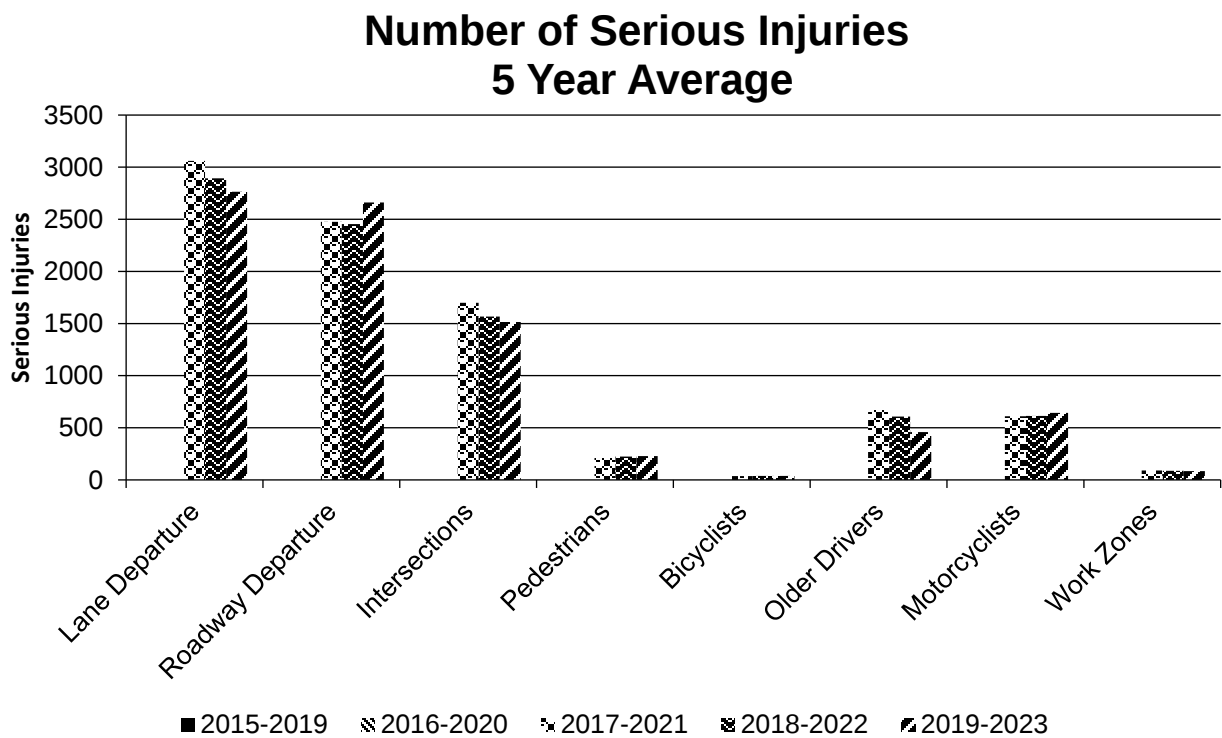
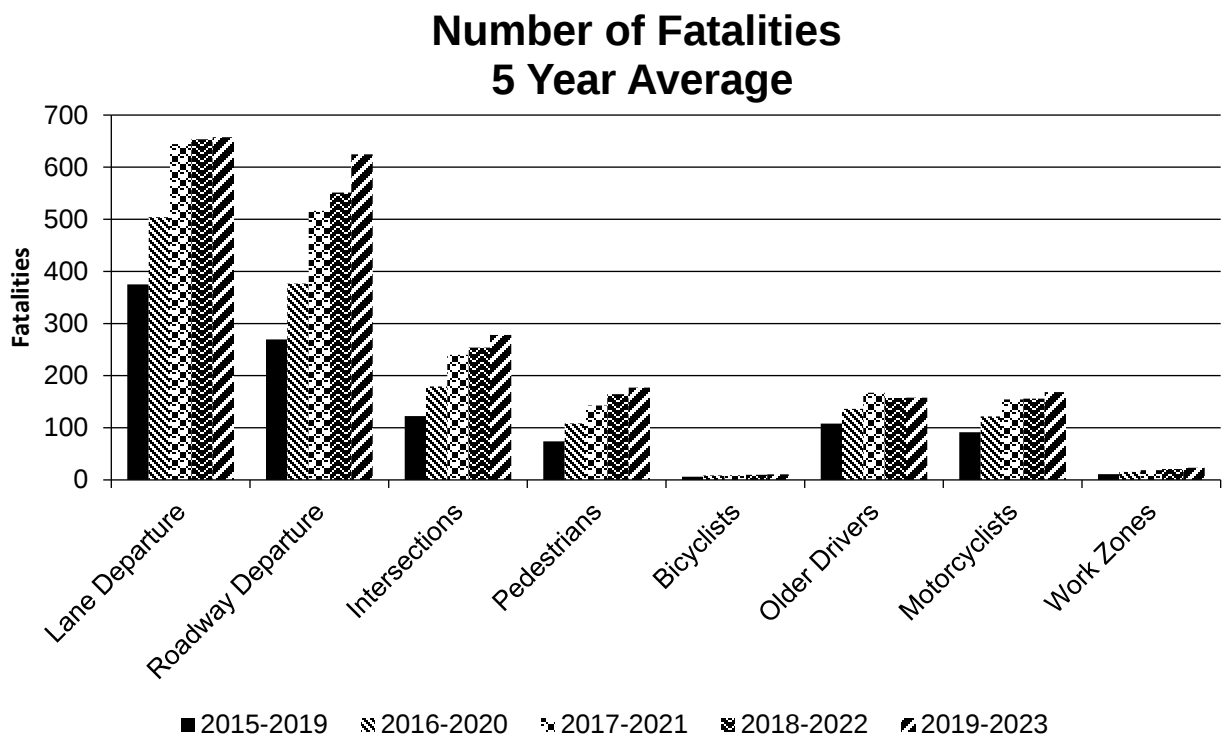
- # RSAs completed
- Increased awareness of safety and data-driven process
- Increased focus on local road safety
- Organizational change
- Other-Improved data collection, transfer, access
- Other-There have been more systemic measures added to the RSA program
- Other-AASHTOWare Safety

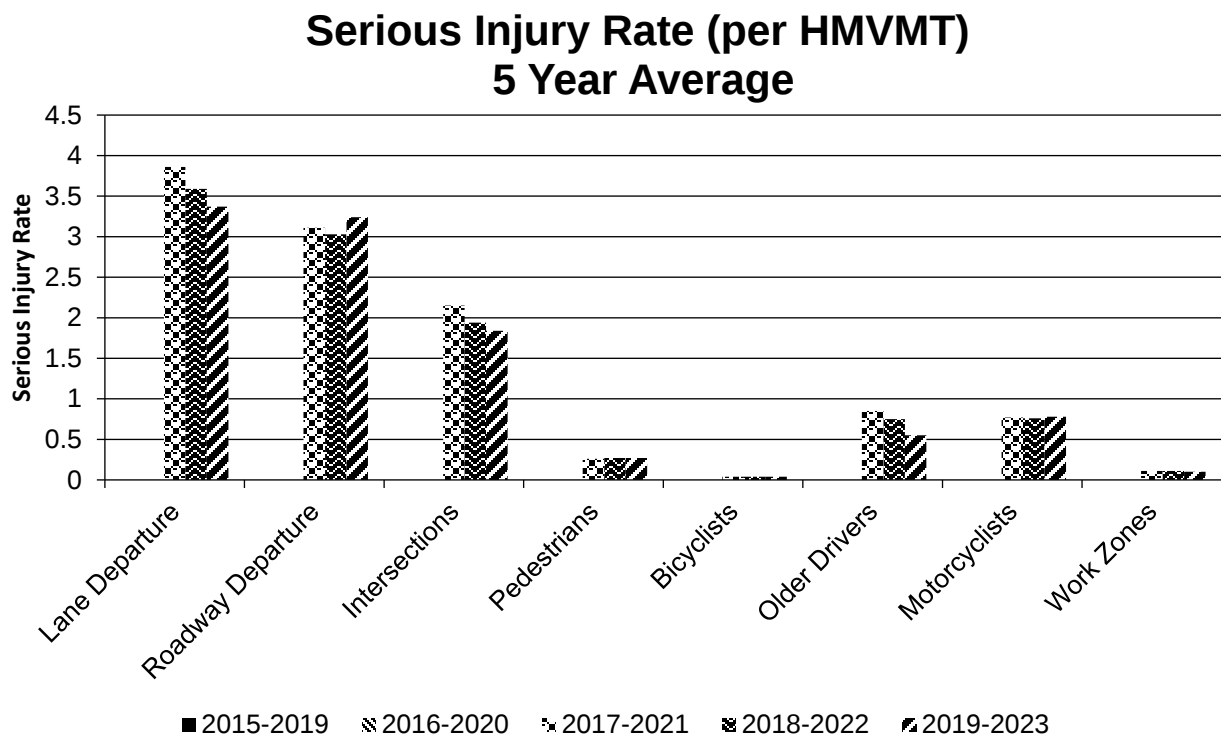
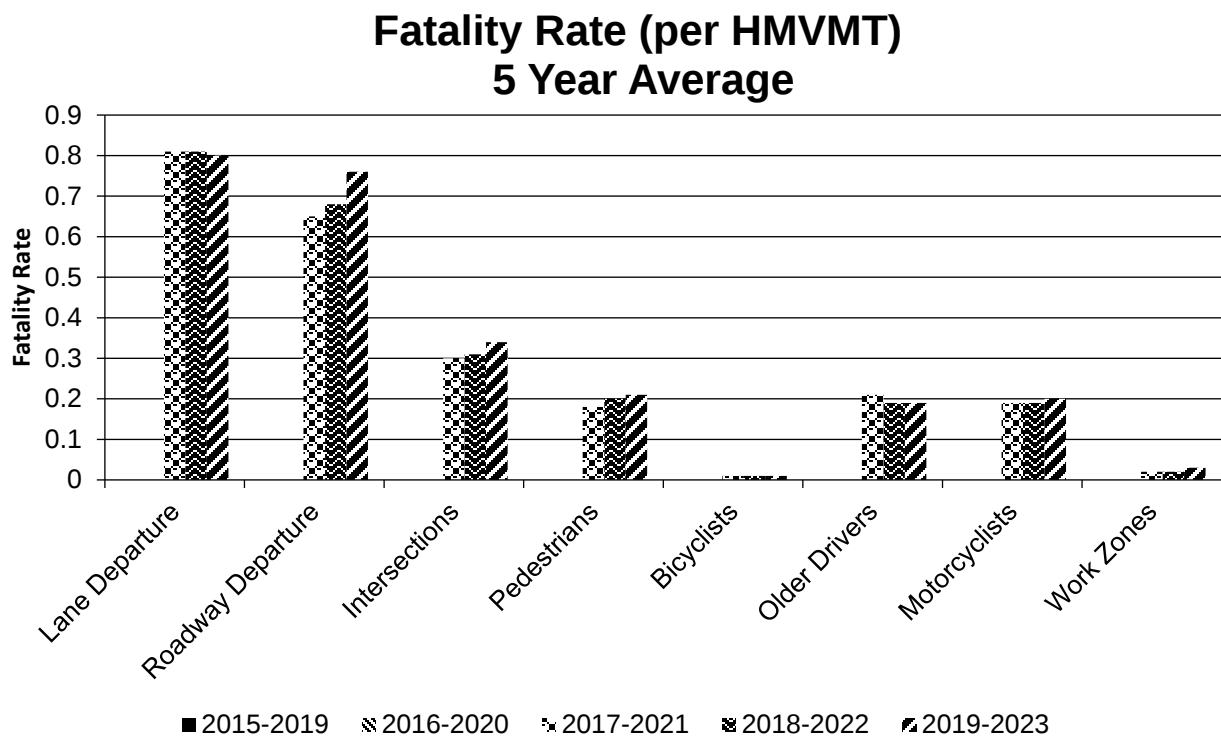
Effectiveness of Groupings or Similar Types of Improvements

Present and describe trends in SHSP emphasis area performance measures.

Year 2023

SHSP Emphasis Area	Targeted 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)
Lane Departure	Angle	657.6	2,764.6	0.8	3.37
Roadway Departure	Cross median	624.6	2,661.8	0.76	3.24
Intersections	Intersections	278.2	1,514.4	0.34	1.84
Pedestrians	Vehicle/pedestrian	177.2	228.4	0.21	0.27
Bicyclists	Vehicle/bicycle	10.6	38.2	0.01	0.04
Older Drivers	All	157.8	458.6	0.19	0.55
Motorcyclists	All	168.6	643	0.2	0.78
Work Zones	All	23.4	84.4	0.03	0.1





Project Effectiveness

Provide the following information for previously implemented projects that the State evaluated this reporting period.

LOCATION	FUNCTIONAL CLASS	IMPROVEMENT CATEGORY	IMPROVEMENT TYPE	PDO BEFORE	PDO AFTER	FATALITY BEFORE	FATALITY AFTER	SERIOUS INJURY BEFORE	SERIOUS INJURY AFTER	ALL OTHER INJURY BEFORE	ALL OTHER INJURY AFTER	TOTAL BEFORE	TOTAL AFTER	EVALUATION RESULTS (BENEFIT/COST RATIO)
33948-3233-94 Hamilton	Urban Minor Arterial	Intersection traffic control	Modify control – new traffic signal	22.00	9.00	1.00		1.00		6.00		30.00	9.00	
25945-3479-94 Fentress	Rural Local Road or Street	Miscellaneous	Local road safety plans	40.00	30.00		1.00	2.00	4.00	26.00	14.00	68.00	49.00	
67945-3472-94 Overton	Rural Local Road or Street	Miscellaneous	Local road safety plans	64.00	75.00	4.00		1.00	14.00	35.00	18.00	104.00	107.00	
69946-3435-94 Pickett LR-02324	Rural Local Road or Street	Miscellaneous	Local road safety plans	3.00		2.00		1.00	1.00	2.00		8.00	1.00	
69946-3435-94 Pickett LR-0A020	Rural Local Road or Street	Miscellaneous	Local road safety plans	6.00	2.00			1.00	1.00	2.00		9.00	3.00	
89073-3213-94 Warren	Rural Principal Arterial (RPA) - Other	Intersection traffic control	Modify control – new traffic signal	5.00	1.00	1.00					1.00	6.00	2.00	
89073-3214-94 Warren	Rural Principal Arterial (RPA) - Other	Intersection traffic control	Modify control – new traffic signal	2.00	4.00	2.00			2.00	3.00	2.00	7.00	8.00	
18002-3234-94 Cumberland	Rural Minor Arterial	Miscellaneous	Miscellaneous - other	24.00	32.00	2.00		1.00	3.00	11.00	6.00	38.00	41.00	
93003-3234-94 White	Urban Principal Arterial (UPA) - Other	Roadway signs and traffic control	Roadway signs and traffic control - other	4.00	8.00	1.00		3.00		3.00	2.00	11.00	10.00	
67001-3289-94 Overton	Rural Principal Arterial (RPA) - Other	Roadway	Roadway - other	14.00	8.00	1.00				6.00	1.00	21.00	9.00	
14945-3455-94 Clay LR-0A868	Rural Local Road or Street	Miscellaneous	Local road safety plans	9.00		1.00		1.00		2.00		13.00		
14945-3455-94 Clay LR-0A199	Rural Local Road or Street	Miscellaneous	Local road safety plans	5.00				1.00	1.00	3.00		9.00	1.00	
14945-3455-94 Clay LR-0A225	Rural Local Road or Street	Miscellaneous	Local road safety plans	5.00				1.00		2.00		8.00		
18946-3414-94 Cumberland LR-0A172	Rural Local Road or Street	Miscellaneous	Local road safety plans	11.00	4.00			3.00	1.00	9.00	2.00	23.00	7.00	
18946-3414-94 Cumberland LR-0B017	Rural Local Road or Street	Miscellaneous	Local road safety plans	6.00	2.00			1.00		2.00	2.00	9.00	4.00	

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LOCATION	FUNCTIONAL CLASS	IMPROVEMENT CATEGORY	IMPROVEMENT TYPE	PDO BEFORE	PDO AFTER	FATALITY BEFORE	FATALITY AFTER	SERIOUS INJURY BEFORE	SERIOUS INJURY AFTER	ALL OTHER INJURY BEFORE	ALL OTHER INJURY AFTER	TOTAL BEFORE	TOTAL AFTER	EVALUATION RESULTS (BENEFIT/COST RATIO)
18946-3414-94 Cumberland LR-0B019	Rural Local Road or Street	Miscellaneous	Local road safety plans	4.00				1.00				5.00		
18946-3414-94 Cumberland LR-0A939	Rural Local Road or Street	Miscellaneous	Local road safety plans	6.00	3.00			1.00		1.00		8.00	3.00	
18946-3414-94 Cumberland LR-0A001	Rural Local Road or Street	Miscellaneous	Local road safety plans	5.00				1.00				6.00		
18946-3414-94 Cumberland LR-0A072	Rural Local Road or Street	Miscellaneous	Local road safety plans	22.00	4.00			3.00		2.00	1.00	27.00	5.00	
18946-3414-94 Cumberland LR-0A106	Rural Local Road or Street	Miscellaneous	Local road safety plans	8.00		1.00					1.00	9.00	1.00	
54002-3240-94 McMinn	Rural Minor Arterial	Miscellaneous	Miscellaneous - other	52.00	58.00	2.00		13.00	10.00	36.00	18.00	103.00	86.00	
25945-3483-94 Fentress, Statewide LR-0A250	Rural Local Road or Street	Miscellaneous	Local road safety plans	2.00	3.00	1.00				3.00		6.00	3.00	
25945-3483-94 Fentress, Statewide LR-02302	Rural Local Road or Street	Miscellaneous	Local road safety plans	4.00	5.00			1.00		4.00	1.00	9.00	6.00	
25945-3483-94 Fentress, Statewide LR-0A010	Rural Local Road or Street	Miscellaneous	Local road safety plans	7.00	9.00			2.00	1.00	4.00	2.00	13.00	12.00	
93002-3215-94 White	Urban Principal Arterial (UPA) - Other	Interchange design	Interchange improvements	18.00	4.00			1.00		3.00	2.00	22.00	6.00	
93002-3214-94 White	Rural Minor Arterial	Intersection traffic control	Intersection signing –other	10.00	6.00	1.00				5.00	4.00	16.00	10.00	
26945-3498-94 Franklin LR-0B050	Rural Local Road or Street	Miscellaneous	Local road safety plans	4.00	4.00	2.00		1.00		2.00		9.00	4.00	
26945-3498-94 Franklin LR-0A567	Rural Local Road or Street	Miscellaneous	Local road safety plans	3.00	1.00	1.00				2.00	1.00	6.00	2.00	
26945-3498-94 Franklin LR-0A897	Rural Local Road or Street	Miscellaneous	Local road safety plans	11.00	7.00		1.00	3.00		14.00	2.00	28.00	10.00	
25043-3210-94 Fentress	Rural Principal Arterial (RPA) - Other	Miscellaneous	Miscellaneous - other	40.00	29.00		1.00	2.00	4.00	26.00	9.00	68.00	43.00	
69001-3221-94 Pickett	Rural Principal Arterial (RPA) - Other	Roadway signs and traffic control	Roadway signs and traffic control - other	2.00	4.00	1.00		1.00	1.00		1.00	4.00	6.00	
72004-3231-94 Rhea	Rural Minor Arterial	Miscellaneous	Miscellaneous - other	20.00	28.00	2.00	2.00	2.00	5.00	2.00	10.00	26.00	45.00	

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LOCATION	FUNCTIONAL CLASS	IMPROVEMENT CATEGORY	IMPROVEMENT TYPE	PDO BEFORE	PDO AFTER	FATALITY BEFORE	FATALITY AFTER	SERIOUS INJURY BEFORE	SERIOUS INJURY AFTER	ALL OTHER INJURY BEFORE	ALL OTHER INJURY AFTER	TOTAL BEFORE	TOTAL AFTER	EVALUATION RESULTS (BENEFIT/COST RATIO)
72004-3232-94 Rhea	Rural Minor Arterial	Miscellaneous	Miscellaneous - other	38.00	62.00	3.00		2.00	1.00	15.00	19.00	58.00	82.00	
72004-3234-94 Rhea	Rural Minor Arterial	Intersection traffic control	Intersection traffic control - other	1.00				1.00		2.00	2.00	4.00	2.00	
06015-3214-94 Bradley	Rural Minor Arterial	Roadway signs and traffic control	Roadway signs and traffic control - other	45.00	57.00	2.00		2.00		13.00	8.00	62.00	65.00	
54015-3209-94 McMinn	Rural Major Collector	Miscellaneous	Miscellaneous - other	23.00	41.00	2.00		5.00	4.00		12.00	30.00	57.00	
06017-3210-94 Bradley	Urban Major Collector	Intersection traffic control	Intersection flashers –sign-mounted or overhead	2.00	6.00			1.00	1.00	1.00	1.00	4.00	8.00	
06017-3211-94 Bradley	Urban Major Collector	Intersection traffic control	Intersection flashers –sign-mounted or overhead	2.00	6.00			1.00	1.00	1.00	1.00	4.00	8.00	
31945-3465-94 Grundy LR 0A231	Rural Local Road or Street	Miscellaneous	Miscellaneous - other	3.00	5.00	1.00		4.00		5.00	2.00	13.00	7.00	
06946-3229-94 Bradley	Urban Major Collector	Miscellaneous	Miscellaneous - other	26.00	19.00			3.00	2.00	4.00	4.00	33.00	25.00	
54951-3569-94 McMinn	Urban Major Collector	Intersection traffic control	Modify control – new traffic signal	13.00	3.00					6.00		19.00	3.00	
04945-3449-94 Bledsoe LR-02168	Rural Minor Collector	Miscellaneous	Miscellaneous - other		2.00	1.00		2.00	1.00	2.00		5.00	3.00	
04945-3449-94 Bledsoe LR-02180	Rural Minor Collector	Miscellaneous	Miscellaneous - other	2.00	1.00			1.00	1.00	4.00	1.00	7.00	3.00	
04945-3449-94 Bledsoe LR-02233	Rural Minor Collector	Miscellaneous	Miscellaneous - other	2.00			1.00	1.00		3.00		6.00	1.00	
18077-3204-94 Cumberland	Urban Major Collector	Miscellaneous	Miscellaneous - other	3.00	3.00	1.00				2.00		6.00	3.00	
44945-3488-94 Jackson LR-0A227	Rural Local Road or Street	Miscellaneous	Miscellaneous - other	3.00						2.00		5.00		
44945-3488-94 Jackson LR-0A118	Rural Local Road or Street	Miscellaneous	Miscellaneous - other	3.00				1.00		3.00		7.00		
44945-3488-94 Jackson LR-0A141	Rural Local Road or Street	Miscellaneous	Miscellaneous - other	4.00	2.00		1.00	1.00		2.00		7.00	3.00	

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LOCATION		FUNCTIONAL CLASS	IMPROVEMENT CATEGORY	IMPROVEMENT TYPE	PDO BEFORE	PDO AFTER	FATALITY BEFORE	FATALITY AFTER	SERIOUS INJURY BEFORE	SERIOUS INJURY AFTER	ALL OTHER INJURY BEFORE	ALL OTHER INJURY AFTER	TOTAL BEFORE	TOTAL AFTER	EVALUATION RESULTS (BENEFIT/COST RATIO)
54946-3462-94 LR-0B475	McMinn	Rural Local Road or Street	Miscellaneous	Miscellaneous - other	2.00	5.00	1.00		1.00		1.00	2.00	5.00	7.00	
54946-3462-94 LR-0A498	McMinn	Rural Local Road or Street	Miscellaneous	Miscellaneous - other	4.00	1.00	1.00		2.00	1.00		1.00	7.00	3.00	
54946-3462-94 LR-05565	McMinn	Rural Minor Collector	Miscellaneous	Miscellaneous - other	29.00	15.00	1.00		7.00	1.00	13.00	7.00	50.00	23.00	
33044-3247-94 Hamilton		Urban Principal Arterial (UPA) - Other	Miscellaneous	Miscellaneous - other	18.00	15.00			3.00		4.00	4.00	25.00	19.00	
58946-3404-94 Marion LR-0A274		Rural Local Road or Street	Miscellaneous	Miscellaneous - other	3.00				2.00		1.00		6.00		
58946-3404-94 Marion LR-02167		Rural Minor Collector	Miscellaneous	Miscellaneous - other	6.00		1.00			1.00	2.00		9.00	1.00	
58946-3404-94 Marion LR-0A082		Rural Local Road or Street	Miscellaneous	Miscellaneous - other	4.00				1.00		4.00	1.00	9.00	1.00	
06946-3432-94 Bradley LR-02274		Rural Minor Collector	Miscellaneous	Miscellaneous - other	4.00	1.00			1.00		5.00	1.00	10.00	2.00	
06946-3432-94 Bradley LR-0D947		Rural Local Road or Street	Miscellaneous	Miscellaneous - other	8.00	5.00			3.00	1.00	4.00	1.00	15.00	7.00	
06946-3432-94 Bradley LR-0A336		Rural Local Road or Street	Miscellaneous	Miscellaneous - other	4.00	2.00			1.00		1.00	1.00	6.00	3.00	
61945-3457-94 Meigs LR-0A006		Rural Local Road or Street	Miscellaneous	Miscellaneous - other	7.00	9.00	1.00		2.00	1.00	7.00	1.00	17.00	11.00	
61945-3457-94 Meigs LR-02273		Rural Minor Collector	Miscellaneous	Miscellaneous - other	10.00	2.00	1.00	1.00	4.00		9.00	1.00	24.00	4.00	
61945-3457-94 Meigs LR-0A183		Rural Local Road or Street	Miscellaneous	Miscellaneous - other	3.00	2.00			2.00		2.00	1.00	7.00	3.00	
67945-3475-94 LR-0A146	Overton	Rural Local Road or Street	Miscellaneous	Miscellaneous - other	3.00	4.00			2.00		1.00	1.00	6.00	5.00	
67945-3475-94 LR-0A416	Overton	Rural Local Road or Street	Miscellaneous	Miscellaneous - other	3.00	1.00			1.00		1.00		5.00	1.00	
67945-3475-94 LR-0A345	Overton	Rural Local Road or Street	Miscellaneous	Miscellaneous - other	7.00	4.00			1.00		3.00		11.00	4.00	
67945-3475-94 LR-0A480	Overton	Rural Local Road or Street	Miscellaneous	Miscellaneous - other	4.00	5.00			1.00		1.00		6.00	5.00	

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67945-3475-94 Overton LR-0A382	Rural Local Road or Street	Miscellaneous	Miscellaneous - other	15.00	5.00			1.00		6.00		22.00	5.00	
72945-3483-94 Rhea LR-02294	Rural Minor Collector	Miscellaneous	Miscellaneous - other	10.00	8.00	1.00		1.00		6.00	6.00	18.00	14.00	
72945-3483-94 Rhea LR-0A307	Rural Local Road or Street	Miscellaneous	Miscellaneous - other	4.00	9.00			1.00		3.00	2.00	8.00	11.00	
72945-3483-94 Rhea LR-01162	Rural Minor Collector	Miscellaneous	Miscellaneous - other	19.00	13.00			3.00		11.00	2.00	33.00	15.00	
72945-3483-94 Rhea LR-02180	Rural Minor Collector	Miscellaneous	Miscellaneous - other	9.00	9.00			2.00		3.00	1.00	14.00	10.00	
77945-3428-94 Sequatchie	Rural Minor Collector	Miscellaneous	Miscellaneous - other	5.00		1.00				1.00		7.00		
88945-3451-94 Van Buren LR-02140	Rural Minor Collector	Miscellaneous	Miscellaneous - other	13.00	2.00	1.00		1.00		6.00	1.00	21.00	3.00	
88945-3451-94 Van Buren LR-01134	Rural Minor Collector	Miscellaneous	Miscellaneous - other	6.00	2.00			1.00		1.00	1.00	8.00	3.00	
16001-3176-94 Coffee	Rural Principal Arterial (RPA) - Interstate	Miscellaneous	Miscellaneous - other	52.00	84.00	1.00		5.00	2.00	9.00	9.00	67.00	95.00	
58100-3174-94 Marion, Hamilton	Rural Principal Arterial (RPA) - Interstate	Miscellaneous	Miscellaneous - other	181.00	374.00	3.00	3.00	11.00	17.00	51.00	69.00	246.00	463.00	original was 2 years
33003-3164-94 Hamilton	Rural Principal Arterial (RPA) - Interstate	Roadway signs and traffic control	Roadway signs and traffic control - other	82.00	722.00	1.00	5.00		10.00	23.00	121.00	106.00	858.00	the aashtoware data
33040-3209-94 Hamilton	Urban Principal Arterial (UPA) - Other	Roadway signs and traffic control	Roadway signs and traffic control - other	11.00	3.00	2.00		1.00		5.00	1.00	19.00	4.00	
90023-3223-94 Washington	Rural Major Collector	Roadside	Barrier- metal	7.00	17.00			1.00	1.00	3.00	2.00	11.00	20.00	
32004-3226-94 Hamblen	Urban Principal Arterial (UPA) - Other	Intersection geometry	Innovative Intersection (e.g. MUT, RCUT, QR)	14.00	15.00			1.00		1.00	2.00	16.00	17.00	
37070-3233-94 Hawkins	Urban Principal Arterial (UPA) - Other	Intersection traffic control	Modify control – new traffic signal	13.00	19.00			4.00		5.00	2.00	22.00	21.00	

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10946-3408-94 Carter LR 01387	Rural Minor Collector	Miscellaneous	Miscellaneous - other	7.00	2.00			3.00		3.00	2.00	13.00	4.00	
90014-3221-94 Washington	Rural Minor Arterial	Miscellaneous	Road safety audits	62.00	80.00	2.00	1.00	4.00	4.00	19.00	12.00	87.00	97.00	
62945-3493-94 Monroe	Rural Minor Collector	Miscellaneous	Road safety audits	41.00	110.00	2.00	1.00	4.00	6.00	33.00	19.00	80.00	136.00	
05016-3413-94 Blount	Rural Minor Arterial	Miscellaneous	Miscellaneous - other	13.00	20.00			2.00		4.00	1.00	19.00	21.00	
47954-3565-94 Knox	Urban Minor Arterial	Miscellaneous	Road safety audits	52.00	48.00		1.00	4.00		22.00	14.00	78.00	63.00	
05018-3206-94 Blount	Urban Major Collector	Miscellaneous	Miscellaneous - other	44.00	14.00			4.00	1.00	8.00	3.00	56.00	18.00	
37952-3547-94	Rural Minor Arterial	Miscellaneous	Miscellaneous - other	91.00	49.00			4.00	2.00	18.00	6.00	113.00	57.00	
90953-3541-94 Washington	Rural Major Collector	Miscellaneous	Road safety audits	3.00	5.00	1.00				1.00		5.00	5.00	
15006-3215-94 Cocke	Urban Principal Arterial (UPA) - Other	Miscellaneous	Miscellaneous - other	43.00			4.00	1.00	21.00	16.00	119.00	60.00	144.00	
32951-3201-94 Hamblen	Urban Principal Arterial (UPA) - Other	Intersection traffic control	Modify traffic signal –other	5.00	7.00			1.00			2.00	6.00	9.00	
05001-3283-94 Blount	Urban Minor Arterial	Intersection traffic control	Modify control – new traffic signal	64.00	57.00					10.00	10.00	74.00	67.00	
13004-3214-94 Clairborne	Rural Minor Arterial	Intersection traffic control	Modify control – new traffic signal	48.00	74.00		1.00	3.00	1.00	14.00	17.00	65.00	93.00	
78016-3214-94 Seiver	Rural Major Collector	Miscellaneous	Miscellaneous - other	47.00	35.00		1.00	1.00	3.00	21.00	11.00	69.00	50.00	
30002-3248-94 Greene	Rural Principal Arterial (RPA) - Other	Intersection traffic control	Modify traffic signal –other	11.00	7.00	1.00		1.00	1.00	2.00	8.00	15.00	16.00	
82003-3270-94 Sullivan	Urban Principal Arterial (UPA) - Other Freeways and Expressways	Miscellaneous	Miscellaneous - other	17.00	7.00			2.00	1.00	7.00	2.00	26.00	10.00	

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82003-3269-94 Sullivan	Urban Principal Arterial (UPA) - Other	Miscellaneous	Miscellaneous - other	28.00	12.00	1.00		3.00		7.00	5.00	39.00	17.00	
90002-3259-94 Hancock LR- 02608	Rural Minor Collector	Miscellaneous	Miscellaneous - other	5.00	1.00	1.00						6.00	1.00	
90002-3259-94 Hancock LR-0A005	Rural Local Road or Street	Miscellaneous	Miscellaneous - other	24.00	6.00	1.00			1.00	5.00	4.00	30.00	11.00	
90002-3259-94 Hancock LR-02614	Rural Minor Collector	Miscellaneous	Miscellaneous - other	18.00	3.00		1.00	1.00	1.00	4.00	1.00	23.00	6.00	
90002-3259-94 Hancock LR-0A255	Rural Local Road or Street	Miscellaneous	Miscellaneous - other	6.00	3.00			1.00		1.00	1.00	8.00	4.00	
90002-3259-94 Hancock LR-0A099	Rural Local Road or Street	Miscellaneous	Miscellaneous - other	7.00	5.00	1.00				4.00	4.00	12.00	9.00	
34945-3432-94 Shancock	Urban Minor Arterial	Intersection traffic control	Modify control – new traffic signal	7.00	5.00	1.00				4.00	2.00	12.00	7.00	
82100-3205-94 Sullivan	Urban Minor Arterial	Miscellaneous	Miscellaneous - other	15.00	6.00	1.00		1.00		8.00	2.00	25.00	8.00	
82006-3283-94 Sullivan	Urban Minor Arterial	Miscellaneous	Miscellaneous - other	104.00	114.00	3.00		3.00	2.00	35.00	27.00	145.00	143.00	
82006-3281-94 Sullivan	Urban Minor Arterial	Miscellaneous	Miscellaneous - other	64.00	109.00	2.00	2.00	3.00	5.00	32.00	32.00	101.00	148.00	
90006-3219-94 Washington	Urban Principal Arterial (UPA) - Other	Intersection traffic control	Modify control – new traffic signal	18.00	8.00			1.00		3.00	2.00	22.00	10.00	
82006-3284-94 Sullivan	Urban Principal Arterial (UPA) - Other	Miscellaneous	Equipment	28.00	14.00			2.00		15.00	3.00	45.00	17.00	
82006-3284-94 Sullivan	Urban Principal Arterial (UPA) - Other	Miscellaneous	Equipment	57.00	29.00	2.00		1.00		21.00	4.00	81.00	33.00	
8201-3231-94 Sullivan	Urban Minor Arterial	Miscellaneous	Equipment	12.00	2.00			2.00		6.00		20.00	2.00	
90006-3220-94 Washington	Urban Minor Arterial	Miscellaneous	Miscellaneous - other	30.00	15.00	1.00		4.00		7.00	3.00	42.00	18.00	

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82006-3285-94 Sullivan	Urban Principal Arterial (UPA) - Other	Intersection geometry	Modify lane assignment	85.00	29.00			3.00		9.00	13.00	97.00	42.00	
37946-3409-94 LR- 02600 Hawkins	Rural Minor Collector	Miscellaneous	Miscellaneous - other	9.00	7.00	3.00		2.00		7.00	2.00	21.00	9.00	
37946-3409-94 LR-0A674 Hawkins	Rural Local Road or Street	Miscellaneous	Miscellaneous - other	4.00	2.00			2.00	1.00	1.00	1.00	7.00	4.00	
37946-3409-94 LR-0A861 Hawkins	Rural Local Road or Street	Miscellaneous	Miscellaneous - other	15.00	4.00	1.00		2.00	2.00	16.00	2.00	34.00	8.00	
37946-3409-94 LR-0A139 Hawkins	Rural Local Road or Street	Miscellaneous	Miscellaneous - other	4.00	4.00			1.00		3.00		8.00	4.00	
37946-3409-94 LR-0A282 Hawkins	Rural Local Road or Street	Miscellaneous	Miscellaneous - other	6.00	3.00			1.00	2.00	4.00	2.00	11.00	7.00	
37946-3409-94 LR-02550 Hawkins	Rural Minor Collector	Miscellaneous	Miscellaneous - other	26.00	5.00		1.00	5.00	4.00	15.00	2.00	46.00	12.00	
78449-3205-94 Sevier	Urban Minor Arterial	Intersection traffic control	Intersection signing –other	27.00	11.00			3.00		15.00	6.00	45.00	17.00	
45945-3491-94 LR-0A477 Jefferson	Rural Local Road or Street	Miscellaneous	Miscellaneous - other	4.00	2.00	1.00				1.00	1.00	6.00	3.00	
45945-3491-94 LR-0A572 Jefferson	Rural Local Road or Street	Miscellaneous	Miscellaneous - other	2.00	2.00			2.00	1.00	2.00		6.00	3.00	
45945-3491-94 LR-02498 Jefferson	Rural Minor Collector	Miscellaneous	Miscellaneous - other	6.00	2.00	1.00				4.00	1.00	11.00	3.00	
45945-3491-94 LR-02449 Jefferson	Rural Minor Collector	Miscellaneous	Miscellaneous - other	5.00				2.00		3.00	1.00	10.00	1.00	
45945-3491-94 LR-0A135 Jefferson	Rural Local Road or Street	Miscellaneous	Miscellaneous - other	16.00	4.00	1.00		3.00		11.00	2.00	31.00	6.00	
45945-3491-94 LR-02500 Jefferson	Rural Minor Collector	Miscellaneous	Miscellaneous - other	6.00	3.00			2.00		2.00		10.00	3.00	
45945-3491-94 LR-02504 Jefferson	Rural Minor Collector	Miscellaneous	Miscellaneous - other	3.00	2.00			1.00	1.00	1.00	1.00	5.00	4.00	
46946-3408-94 LR-01076 Johnson	Rural Minor Collector	Miscellaneous	Miscellaneous - other	15.00	7.00	1.00	1.00			6.00	5.00	22.00	13.00	
46946-3408-94 LR-02615 Johnson	Rural Minor Collector	Miscellaneous	Miscellaneous - other	13.00	3.00			1.00	1.00	6.00	2.00	20.00	6.00	

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46946-3408-94 Johnson LR-02617	Rural Minor Collector	Miscellaneous	Miscellaneous - other	31.00	13.00		1.00	1.00	1.00	10.00	1.00	42.00	16.00	
46946-3408-94 Johnson LR-01396	Rural Minor Collector	Miscellaneous	Miscellaneous - other	20.00	4.00			1.00		3.00	1.00	24.00	5.00	
05946-3407-94 Blount LR-0A635/0B785	Rural Local Road or Street	Miscellaneous	Miscellaneous - other	6.00				3.00		8.00	1.00	17.00	1.00	
05946-3407-94 Blount LR-0A860/0C310	Rural Local Road or Street	Miscellaneous	Miscellaneous - other	6.00	2.00	1.00				2.00	1.00	9.00	3.00	
05946-3407-94 Blount LR-0A283	Rural Local Road or Street	Miscellaneous	Miscellaneous - other	3.00	3.00			1.00		1.00		5.00	3.00	
05946-3407-94 Blount LR-01263	Rural Minor Collector	Miscellaneous	Miscellaneous - other	38.00	4.00			10.00		12.00	3.00	60.00	7.00	
53945-3486-94 Loudon LR-01216/01269	Urban Minor Collector	Miscellaneous	Miscellaneous - other	29.00	12.00			4.00		4.00	2.00	37.00	14.00	
53945-3486-94 Loudon LR-01259	Urban Minor Collector	Miscellaneous	Miscellaneous - other	3.00	5.00			1.00		4.00		8.00	5.00	
53945-3486-94 Loudon LR-01258	Urban Minor Collector	Miscellaneous	Miscellaneous - other	10.00	1.00			2.00		4.00	2.00	16.00	3.00	
53945-3486-94 Loudon LR-02347	Urban Minor Collector	Miscellaneous	Miscellaneous - other	17.00	2.00	1.00		2.00	2.00	4.00		24.00	4.00	
53945-3486-94 Loudon LR-02354	Urban Minor Collector	Miscellaneous	Miscellaneous - other	27.00	4.00			2.00		16.00	2.00	45.00	6.00	
53945-3486-94 Loudon LR-02345	Urban Minor Collector	Miscellaneous	Miscellaneous - other	15.00	5.00			1.00		4.00		20.00	5.00	
65945-3464-94 Morgan LR-02314	Rural Minor Collector	Miscellaneous	Miscellaneous - other	1.00	2.00	1.00		2.00		4.00		8.00	2.00	
65945-3464-94 Morgan LR-01234	Rural Minor Collector	Miscellaneous	Miscellaneous - other	6.00		1.00				5.00		12.00		
65945-3464-94 Morgan LR-02388	Rural Minor Collector	Miscellaneous	Miscellaneous - other	5.00	2.00			2.00		6.00		13.00	2.00	
65945-3464-94 Morgan LR-02378	Rural Minor Collector	Miscellaneous	Miscellaneous - other	5.00				4.00	1.00	4.00		13.00	1.00	
62945-3494-94 Monroe LR-02337	Rural Minor Collector	Miscellaneous	Miscellaneous - other	9.00	8.00	1.00		3.00	2.00	11.00	3.00	24.00	13.00	
62945-3494-94 Monroe LR-01198	Rural Minor Collector	Miscellaneous	Miscellaneous - other	21.00	51.00	2.00		4.00		12.00	8.00	39.00	59.00	

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62945-3494-94 Monroe LR-01241	Rural Minor Collector	Miscellaneous	Miscellaneous - other	11.00	6.00		1.00	1.00	1.00	7.00	6.00	19.00	14.00	
62945-3494-94 Monroe LR-01138	Rural Minor Collector	Miscellaneous	Miscellaneous - other	10.00	4.00			1.00	1.00	2.00	3.00	13.00	8.00	
4600.-3225-94 Johnson	Rural Minor Arterial	Intersection geometry	Modify lane assignment		5.00			5.00		4.00		9.00	5.00	
07060-3405-94 Campbell	Urban Minor Collector	Intersection traffic control	Modify control – new traffic signal	13.00	19.00	4.00			2.00	13.00	1.00	30.00	22.00	
07946-3420-94 Campbell LR-0A494	Rural Minor Collector	Miscellaneous	Miscellaneous - other	6.00	3.00	1.00		2.00		1.00		10.00	3.00	
07946-3420-94 Campbell LR-0A463	Rural Minor Collector	Miscellaneous	Miscellaneous - other	8.00	2.00			1.00	1.00	6.00	1.00	15.00	4.00	
07946-3420-94 Campbell LR-02431/02433	Rural Minor Collector	Miscellaneous	Miscellaneous - other	13.00	2.00	1.00		1.00	2.00	10.00	3.00	25.00	7.00	
07946-3420-94 Campbell LR-02470	Rural Minor Collector	Miscellaneous	Miscellaneous - other	51.00	13.00	2.00		5.00		20.00	2.00	78.00	15.00	
07946-3420-94 Campbell LR- 01282	Rural Minor Collector	Miscellaneous	Miscellaneous - other	14.00	16.00			5.00	1.00	6.00	5.00	25.00	22.00	
78008-3257-94 Sevier	Rural Principal Arterial (RPA) - Other	Miscellaneous	Miscellaneous - other	158.00	247.00	3.00		3.00	3.00	33.00	21.00	197.00	271.00	
05006-3262-94 Loudon/Blount	Rural Principal Arterial (RPA) - Other Freeways and Expressways	Miscellaneous	Miscellaneous - other	12.00	61.00	1.00	1.00	2.00		6.00	12.00	21.00	74.00	
78946-3415-94 SevierLR-02488	Rural Minor Collector	Miscellaneous	Miscellaneous - other	1.00	2.00		1.00	1.00		7.00	3.00	9.00	6.00	
78946-3415-94 Sevier LR-02439	Rural Minor Collector	Miscellaneous	Miscellaneous - other	10.00	36.00	1.00	1.00	3.00	1.00	4.00	4.00	18.00	42.00	
78946-3415-94 Sevier LR-02712	Rural Minor Collector	Miscellaneous	Miscellaneous - other	43.00	23.00	1.00		5.00	1.00	15.00	6.00	64.00	30.00	
78946-3415-94 Sevier LR-0A137	Rural Minor Collector	Miscellaneous	Miscellaneous - other	2.00	4.00			1.00		2.00		5.00	4.00	
78946-3415-94 Sevier LR-0A197/0A194	Rural Local Road or Street	Miscellaneous	Miscellaneous - other	5.00				2.00		2.00	1.00	9.00	1.00	
78946-3415-94 Sevier LR-0A308	Rural Local Road or Street	Miscellaneous	Miscellaneous - other	4.00	5.00			2.00		1.00		7.00	5.00	

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82946-3461-94 LR-0A839	Sullivan	Rural Local Road or Street	Miscellaneous	Miscellaneous - other	9.00	3.00	1.00		1.00		1.00	2.00	12.00	5.00	
82946-3461-94 LR-0A835	Sullivan	Rural Local Road or Street	Miscellaneous	Miscellaneous - other	2.00	3.00			1.00		2.00		5.00	3.00	
82946-3461-94 LR-0A888	Sullivan	Rural Local Road or Street	Miscellaneous	Miscellaneous - other	6.00	6.00		1.00	2.00		2.00	3.00	10.00	10.00	
82946-3461-94 LR-0A221	Sullivan	Rural Local Road or Street	Miscellaneous	Miscellaneous - other	3.00	2.00			1.00		2.00		6.00	2.00	
82946-3461-94 LR-0A830	Sullivan	Rural Local Road or Street	Miscellaneous	Miscellaneous - other	3.00	2.00			1.00		1.00	1.00	5.00	3.00	
82946-3461-94 LR-02676	Sullivan	Rural Minor Collector	Miscellaneous	Miscellaneous - other	4.00	2.00			1.00	1.00	1.00	2.00	6.00	5.00	
82946-3461-94 LR-01380	Sullivan	Rural Minor Collector	Miscellaneous	Miscellaneous - other	4.00				2.00		3.00	1.00	9.00	1.00	
82946-3462	Sullivan	Rural Minor Collector	Miscellaneous	Miscellaneous - other	37.00	54.00	1.00			4.00	14.00	10.00	52.00	68.00	
86945-3486-94 Unicoi LR-0A067		Rural Minor Collector	Miscellaneous	Miscellaneous - other	7.00	1.00	1.00		1.00		1.00	2.00	10.00	3.00	
86945-3486-94 Unicoi LR-01415		Rural Minor Collector	Miscellaneous	Miscellaneous - other	14.00	8.00	3.00	1.00	2.00	1.00	7.00	5.00	26.00	15.00	
86945-3486-94 Unicoi LR-01347		Rural Minor Collector	Miscellaneous	Miscellaneous - other	2.00	1.00	1.00				2.00	2.00	5.00	3.00	
86945-3486-94 Unicoi LR-02559		Rural Minor Collector	Miscellaneous	Miscellaneous - other	8.00	4.00			2.00		2.00		12.00	4.00	
87945-3447-94 Union LR-01293/01095		Rural Minor Collector	Miscellaneous	Miscellaneous - other	19.00	8.00			1.00	1.00	7.00	1.00	27.00	10.00	
87945-3447-94 Union LR-0A156		Rural Minor Collector	Miscellaneous	Miscellaneous - other	13.00	5.00			2.00		4.00	2.00	19.00	7.00	
87945-3447-94 Union LR-02452		Rural Minor Collector	Miscellaneous	Miscellaneous - other	22.00	4.00			4.00	2.00	8.00	2.00	34.00	8.00	
LR-01095/0A211/0A212/0A213		Rural Minor Collector	Miscellaneous	Miscellaneous - other	14.00	1.00			1.00		3.00		18.00	1.00	
45004-3238-94 Jefferson		Rural Major Collector	Miscellaneous	Miscellaneous - other	4.00	3.00	1.00		2.00		6.00	3.00	13.00	6.00	
47013-3233-94 Knox		Urban Principal Arterial (UPA)	Intersection traffic control	Modify control – new traffic signal	618.00	563.00	2.00	4.00	53.00	18.00	203.00	164.00	876.00	749.00	

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	- Other Freeways and Expressways													
07033-3244-94 Campbell	Urban Principal Arterial (UPA) - Other Freeways and Expressways	Intersection traffic control	Modify control – new traffic signal	368.00	318.00			10.00	7.00	90.00	62.00	468.00	387.00	
90946-3455-94 Washington	Urban Minor Collector	Miscellaneous	Miscellaneous - other	12.00	17.00					3.00	2.00	15.00	19.00	
90945-3459-94 Washington LR-0B108	Rural Local Road or Street	Miscellaneous	Miscellaneous - other	3.00				2.00			1.00	5.00	1.00	
90945-3459-94 Washington LR-0A210	Rural Local Road or Street	Miscellaneous	Miscellaneous - other	3.00	2.00			1.00		1.00		5.00	2.00	
90945-3459-94 Washington LR-02569	Rural Minor Collector	Miscellaneous	Miscellaneous - other	16.00	17.00			2.00	1.00	7.00	2.00	25.00	20.00	
90945-3459-94 Washington LR-02563	Rural Minor Collector	Miscellaneous	Miscellaneous - other	9.00	7.00			1.00		4.00	3.00	14.00	10.00	
90945-3459-94 Washington LR-02573	Rural Minor Collector	Miscellaneous	Miscellaneous - other	26.00	18.00			2.00		13.00	4.00	41.00	22.00	
47140-3104-94 Knox	Urban Major Collector	Intersection traffic control	Modify traffic signal –other	6.00	1.00			1.00		2.00	1.00	9.00	2.00	
73100-3119-94 Roane	Rural Principal Arterial (RPA) - Interstate	Intersection traffic control	Modify control – new traffic signal	165.00	151.00	5.00	1.00	9.00	6.00	66.00	37.00	245.00	195.00	
47100-3113-94 Knox I-40 24.88-25.26	Rural Principal Arterial (RPA) - Interstate	Miscellaneous	Miscellaneous - other	24.00	37.00			1.00		4.00	6.00	29.00	43.00	
15100-3100-94 Cocke	Rural Principal Arterial (RPA) - Interstate	Interchange design		39.00	14.00			2.00	1.00	9.00	3.00	50.00	18.00	
82006-3282-94 Sullivan	Urban Minor Arterial	Miscellaneous	Miscellaneous - other	74.00	84.00	4.00		2.00	3.00	16.00	17.00	96.00	104.00	
01001-3160-94 Anderson	Rural Major Collector	Interchange design		30.00	20.00	1.00		1.00		3.00	3.00	35.00	23.00	
73946-3408-94 Roane	Rural Minor Collector	Miscellaneous	Miscellaneous - other	17.00	22.00			1.00	1.00	10.00	4.00	28.00	27.00	

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47974-3446-94 Knox	Urban Arterial Minor	Intersection traffic control	Modify control – new traffic signal	347.00	206.00			1.00	4.00	44.00	28.00	392.00	238.00	
47006-3159-94 Knox	Urban Arterial Minor	Interchange design	Interchange design - other	19.00	3.00					4.00	2.00	23.00	5.00	
47006-3159-94 knox	Urban Arterial Minor	Intersection traffic control	Modify control – new traffic signal	23.00		1.00		5.00		5.00		34.00		
47030-322794 Knox	Urban Arterial Minor	Intersection traffic control	Modify control – new traffic signal	41.00	26.00					12.00	6.00	53.00	32.00	
47024-3238-94 knox/Blount	Urban Principal Arterial (UPA) - Other	Intersection traffic control	Modify control – new traffic signal	42.00	36.00	2.00		11.00	2.00	20.00	7.00	75.00	45.00	
05005-3245-94 Blount	Rural Arterial Minor	Intersection traffic control	Modify control – new traffic signal	31.00	47.00			2.00	8.00	9.00	16.00	42.00	71.00	
47017-3224-94 Knox	Urban Arterial Minor	Intersection traffic control	Modify control – new traffic signal	89.00	1.00	1.00				20.00		110.00	1.00	
78007-3233-94 Sevier	Urban Arterial Minor	Intersection traffic control	Modify control – new traffic signal	19.00	5.00				1.00	3.00	2.00	22.00	8.00	
90002-326094 Washington	Urban Arterial Minor	Intersection traffic control	Modify control – new traffic signal	75.00	20.00				1.00	17.00	5.00	92.00	26.00	
82006-3280-94 Sullivan	Urban Principal Arterial (UPA) - Other	Intersection traffic control	Modify control – new traffic signal	67.00	34.00					24.00	5.00	91.00	39.00	
15003-3239-94 Cocke	Urban Principal Arterial (UPA) - Other	Intersection traffic control	Modify control – new traffic signal	81.00	38.00				1.00	14.00	2.00	95.00	41.00	
10946-3408-94 Carter	Rural Minor Collector	Miscellaneous	Miscellaneous - other	33.00	18.00	1.00		7.00		11.00	3.00	52.00	21.00	
62945-3493-94 Monroe	Urban Minor Collector	Miscellaneous	Miscellaneous - other	41.00	17.00	2.00		4.00	2.00	33.00	9.00	80.00	28.00	
89073-3213-94 Warren	Rural Principal Arterial (RPA) - Other	Miscellaneous	Miscellaneous - other	5.00	2.00	1.00					1.00	6.00	3.00	
89073-3214-94 Warren	Rural Principal Arterial (RPA) - Other	Miscellaneous	Miscellaneous - other	3.00	7.00	2.00				3.00	1.00	8.00	8.00	

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54946-3462-94 McMinn LR 0B475	Rural Local Road or Street	Miscellaneous	Miscellaneous - other	2.00	3.00	1.00		1.00		1.00	1.00	5.00	4.00	
33044-3247-94 Hamilton	Urban Principal Arterial (UPA) - Other	Miscellaneous	Miscellaneous - other	55.00	217.00	8.00	3.00	2.00	10.00	83.00	44.00	148.00	274.00	
71946-3414-94 Putnam LR-0A495	Rural Local Road or Street	Miscellaneous	Miscellaneous - other	5.00	5.00	1.00		1.00		3.00	1.00	10.00	6.00	
71946-3414-94 Putnam LR-0A296	Rural Local Road or Street	Miscellaneous	Miscellaneous - other	5.00	3.00	1.00				1.00		7.00	3.00	
71946-3414-94 Putnam LR-0A165	Urban Local Road or Street	Miscellaneous	Miscellaneous - other	3.00	3.00			1.00		1.00		5.00	3.00	
71946-3414-94 Putnam LR-0A205	Urban Local Road or Street	Miscellaneous	Miscellaneous - other	23.00	2.00			3.00		13.00		39.00	2.00	
77945-3428-94 Sequatchie LR-02136	Rural Minor Collector	Miscellaneous	Miscellaneous - other	5.00		1.00				1.00		7.00		
34945-3432-94 Sullivan	Urban Minor Arterial	Intersection traffic control	Modify control – new traffic signal	7.00	5.00	1.00				4.00	2.00	12.00	7.00	
22004-3247-94 Dickson	Rural Major Collector	Miscellaneous	Road audits safety	49.00	18.00	2.00		6.00	3.00	19.00	10.00	76.00	31.00	
19050-3202-94 Davidson	Urban Principal Arterial (UPA) - Other	Miscellaneous	Road audits safety	65.00	93.00		1.00	1.00	1.00	42.00	32.00	108.00	127.00	
22013-3203-94 Dickson	Rural Major Collector	Miscellaneous	Road audits safety	87.00	27.00	3.00		8.00	2.00	24.00	8.00	122.00	37.00	
22008-3226-94 Dickson	Rural Minor Arterial	Miscellaneous	Road audits safety	153.00	136.00	5.00	1.00	15.00	7.00	54.00	43.00	227.00	187.00	
95008-3205-94 Wilson	Urban Principal Arterial (UPA) - Other	Intersection traffic control	Modify control – new traffic signal	8.00	5.00					5.00		13.00	5.00	
75004-3211-94 Rutherfod	Urban Minor Arterial	Intersection traffic control	Modify control – new traffic signal	24.00	1.00			2.00		4.00	2.00	30.00	3.00	
94027-3210-94 Williamson	Rural Minor Arterial	Miscellaneous	Road audits safety	62.00	81.00	1.00		3.00	1.00	22.00	17.00	88.00	99.00	
63014-3205-94 Montgomery	Urban Minor Arterial	Miscellaneous	Road audits safety	6.00	57.00						7.00	6.00	64.00	

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42945-3466-94 Houston LR-01781	Rural Minor Collector	Miscellaneous	Miscellaneous - other	1.00	3.00	1.00		1.00		1.00	1.00	4.00	4.00	
42945-3466-94 Houston LR-0A149	Rural Local Road or Street	Miscellaneous	Miscellaneous - other	4.00		1.00						5.00		
42945-3466-94 Houston LR-01783	Rural Minor Collector	Miscellaneous	Miscellaneous - other	5.00	4.00	1.00				1.00	2.00	7.00	6.00	
42945-3466-94 Houston LR-00910	Rural Minor Collector	Miscellaneous	Miscellaneous - other	4.00	4.00	1.00			2.00	1.00	2.00	6.00	8.00	
43946-3424-94 LR-01798	Rural Minor Collector	Miscellaneous	Miscellaneous - other		2.00			4.00		4.00		8.00	2.00	
43946-3424-94 LR-01779	Rural Minor Collector	Miscellaneous	Miscellaneous - other	1.00	1.00			3.00		1.00	1.00	5.00	2.00	
43946-3424-94 LR-00920	Rural Minor Collector	Miscellaneous	Miscellaneous - other	2.00	3.00			3.00	2.00			5.00	5.00	
43946-3424-94 LR-00910	Rural Minor Collector	Miscellaneous	Miscellaneous - other	9.00	1.00	1.00		5.00		4.00	1.00	19.00	2.00	
52002-3236-94 Lincoln	Urban Principal Arterial (UPA) - Other	Miscellaneous	Road audits safety	283.00	297.00		2.00	3.00	6.00	53.00	47.00	339.00	352.00	
52002-3238-94 Lincoln	Urban Principal Arterial (UPA) - Other	Miscellaneous	Road audits safety	134.00	177.00	3.00	2.00	13.00	9.00	71.00	53.00	221.00	241.00	
63033-3406-94 Montgomery	Rural Minor Collector	Miscellaneous	Road audits safety	18.00	16.00	2.00	1.00	3.00		9.00	2.00	32.00	19.00	
74018-3206-94 Robertson	Rural Major Collector	Miscellaneous	Road audits safety	14.00	15.00	1.00	1.00	4.00		7.00	8.00	26.00	24.00	
74019-3210-94 Robertson	Urban Major Collector	Miscellaneous	Road audits safety	64.00	75.00	3.00		4.00	2.00	24.00	9.00	95.00	86.00	
60017-3218-94 Maury	Urban Arterial Minor	Interchange design	Interchange improvements		3.00	1.00		1.00		10.00		12.00	3.00	
60946-3437-94 Maury	Rural Major Collector	Miscellaneous	Road audits safety	156.00	64.00		1.00	8.00	1.00	40.00	19.00	204.00	85.00	
22008-3226-94 Dickson	Rural Arterial Minor	Miscellaneous	Road audits safety	26.00	14.00	2.00	1.00	2.00	1.00	7.00	6.00	37.00	22.00	
95013-3220-94 Wilson	Rural Major Collector	Miscellaneous	Road audits safety	33.00	28.00	1.00	1.00	6.00	1.00	17.00	10.00	57.00	40.00	

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95018-3208-94 Wilson	Rural Major Collector	Miscellaneous	Road safety audits	43.00	16.00	1.00		10.00	2.00	26.00	10.00	80.00	28.00	
94014-3235-94 Williamson	Rural Major Collector	Miscellaneous	Road safety audits	6.00	7.00		1.00	1.00		5.00	3.00	12.00	11.00	
74010-3234-94 Robertson	Rural Minor Arterial	Miscellaneous	Road safety audits	36.00	43.00	1.00				8.00	17.00	45.00	60.00	
60015-3205-94 Maury	Urban Minor Arterial	Miscellaneous	Miscellaneous - other	55.00	120.00	2.00		8.00	6.00	21.00	23.00	86.00	149.00	
74010-3234-94 Robertson	Rural Principal Arterial (RPA) - Other	Miscellaneous	Miscellaneous - other	36.00	44.00	1.00		8.00			17.00	45.00	61.00	
60946-3442-94 Maury	Rural Major Collector	Miscellaneous	Miscellaneous - other	2.00	4.00	1.00				5.00		8.00	4.00	
28068-3211-94 Giles	Urban Principal Arterial (UPA) - Other	Miscellaneous	Miscellaneous - other	61.00	55.00	1.00	1.00	1.00	1.00	17.00	13.00	80.00	70.00	
75027-3229-94 Rutherford	Urban Minor Arterial	Miscellaneous	Miscellaneous - other	11.00	29.00		2.00	1.00	3.00	4.00	8.00	16.00	42.00	
95003-3218-94 Wilson	Rural Principal Arterial (RPA) - Other	Miscellaneous	Miscellaneous - other	50.00	42.00	4.00	1.00	8.00	1.00	26.00	14.00	88.00	58.00	
75021-3206-94 Rutherford	Urban Minor Arterial	Miscellaneous	Miscellaneous - other	41.00	49.00	2.00		6.00	6.00	22.00	22.00	71.00	77.00	
19043-3238-94 Davidson	Rural Principal Arterial (RPA) - Other	Miscellaneous	Miscellaneous - other	68.00	68.00	3.00	2.00	2.00	3.00	26.00	51.00	99.00	124.00	
52008-3219-94 Lincoln	Urban Major Collector	Miscellaneous	Miscellaneous - other	39.00	26.00		1.00	11.00	1.00	25.00	7.00	75.00	35.00	
83007-3214-94 Sumner	Urban Minor Arterial	Miscellaneous	Miscellaneous - other	67.00	75.00	2.00	1.00	10.00	3.00	22.00	24.00	101.00	103.00	
95952-3570-94 Wilson	Urban Major Collector	Miscellaneous	Miscellaneous - other	25.00	30.00		1.00	1.00	1.00	13.00	7.00	39.00	39.00	
83065-3404-94 Sumner	Rural Major Collector	Miscellaneous	Miscellaneous - other	2.00	3.00					3.00	1.00	5.00	4.00	
95009-3214-94 Wilson	Urban Principal Arterial (UPA) - Other	Miscellaneous	Miscellaneous - other	24.00	41.00	1.00			1.00	10.00	7.00	35.00	49.00	

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56003-3263-94 Macon	Rural Principal Arterial (RPA) - Other	Miscellaneous	Miscellaneous - other	6.00	3.00	1.00		2.00		2.00	1.00	11.00	4.00	
63011-3246-94 montgomery	Urban Principal Arterial (UPA) - Other	Miscellaneous	Miscellaneous - other	5.00	4.00			1.00		4.00	3.00	10.00	7.00	
43004-3224-94 humphreys	Rural Minor Arterial	Miscellaneous	Miscellaneous - other	30.00	13.00			8.00	1.00		5.00	38.00	19.00	
22946-3404-94 Dickson LR-0A417	Urban Local Road or Street	Miscellaneous	Miscellaneous - other	2.00	4.00	1.00		1.00		3.00		7.00	4.00	
22946-3404-94 Dickson LR-0A338	Urban Local Road or Street	Miscellaneous	Miscellaneous - other	8.00	4.00	1.00		1.00		2.00	2.00	12.00	6.00	
22946-3404-94 Dickson LR-00967	Rural Minor Collector	Miscellaneous	Miscellaneous - other	15.00	9.00	1.00		2.00		8.00	2.00	26.00	11.00	
22946-3404-94 Dickson LR-01872	Rural Minor Collector	Miscellaneous	Miscellaneous - other	10.00	4.00			3.00	2.00	5.00	3.00	18.00	9.00	
11945-3594-94 Cheatham-LR-0A191	Rural Local Road or Street	Miscellaneous	Miscellaneous - other	5.00	1.00	1.00		1.00		1.00	1.00	8.00	2.00	
11945-3594-94 Cheatham-LR-01942	Rural Minor Collector	Miscellaneous	Miscellaneous - other	6.00	1.00	1.00		1.00		6.00	3.00	14.00	4.00	
11945-3594-94 Cheatham-LR-01862	Rural Minor Collector	Miscellaneous	Miscellaneous - other	5.00		1.00		1.00				7.00		
11945-3594-94 Cheatham-LR-01944	Rural Minor Collector	Miscellaneous	Miscellaneous - other	12.00	3.00	3.00		1.00				16.00	3.00	
11945-3594-94 Cheatham-LR-01946	Rural Minor Collector	Miscellaneous	Miscellaneous - other	15.00	4.00	1.00		1.00		2.00	1.00	19.00	5.00	
80009-3230-94 Smith	Rural Major Collector	Roadway	Pavement surface – high friction surface	112.00	30.00			8.00		56.00	5.00	176.00	35.00	
60952-3503-94 Maury	Rural Local Road or Street	Miscellaneous	Miscellaneous - other	73.00	103.00			5.00	2.00	11.00	9.00	89.00	114.00	
50001-3268-94 Lawrence	Urban Principal Arterial (UPA) - Other	Miscellaneous	Miscellaneous - other	50.00	42.00			1.00		11.00	13.00	62.00	55.00	
63018-3216-94 Montgomery	Urban Principal	Miscellaneous	Miscellaneous - other	326.00	245.00	3.00		21.00	10.00	101.00	56.00	451.00	311.00	

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	Arterial (UPA) - Other													
81004-3245-94 Stewart	Rural Principal Arterial (RPA) - Other	Miscellaneous	Miscellaneous - other	5.00				5.00		2.00	1.00	12.00	1.00	
74013-3231-94 Robertson	Urban Minor Arterial	Miscellaneous	Miscellaneous - other	55.00	104.00			2.00	3.00	21.00	15.00	78.00	122.00	
83005-3250-94 Sumner	Urban Principal Arterial (UPA) - Other	Miscellaneous	Miscellaneous - other	42.00	1.00			2.00		12.00	1.00	56.00	2.00	
02009-3243-94 Bedford	Rural Minor Arterial	Miscellaneous	Miscellaneous - other	4.00	5.00	1.00		1.00	2.00	3.00	3.00	9.00	10.00	
94028-3220-94 Williamson	Rural Minor Arterial	Miscellaneous	Miscellaneous - other	62.00	34.00	1.00		3.00	1.00	22.00	3.00	88.00	38.00	
63011-3245-94 Montgomery	Urban Principal Arterial (UPA) - Other	Miscellaneous	Miscellaneous - other	283.00	223.00		3.00	6.00	5.00	108.00	50.00	397.00	281.00	
02946-3406-94 Bedford-LR-0A091	Rural Local Road or Street	Miscellaneous	Miscellaneous - other	3.00		1.00				1.00		5.00		
02946-3406-94 Bedford-LR-01995	Rural Minor Collector	Miscellaneous	Miscellaneous - other	2.00	1.00	1.00				2.00		5.00	1.00	
02946-3406-94 Bedford-LR-01043	Rural Minor Collector	Miscellaneous	Miscellaneous - other	6.00	1.00	1.00		1.00		4.00		12.00	1.00	
02946-3406-94 Bedford-LR-02007	Rural Minor Collector	Miscellaneous	Miscellaneous - other	14.00	7.00	1.00		2.00		6.00	2.00	23.00	9.00	
02946-3406-94 Bedford-LR-01040	Rural Minor Collector	Miscellaneous	Miscellaneous - other	31.00	21.00	1.00		4.00	2.00	10.00	6.00	46.00	29.00	
50945-3471-94 Lawrence-LR-0A016	Rural Local Road or Street	Miscellaneous	Miscellaneous - other	4.00	2.00	1.00		1.00			2.00	6.00	4.00	
50945-3471-94 Lawrence-LR-01815	Rural Minor Collector	Miscellaneous	Miscellaneous - other	10.00	1.00	1.00		3.00		7.00	1.00	21.00	2.00	
50945-3471-94 Lawrence-LR-01838	Rural Minor Collector	Miscellaneous	Miscellaneous - other	14.00	6.00	1.00	3.00	5.00		3.00	3.00	23.00	12.00	
50945-3471-94 Lawrence-LR-01805	Rural Minor Collector	Miscellaneous	Miscellaneous - other	11.00	4.00	2.00			1.00	4.00	1.00	17.00	6.00	

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LOCATION	FUNCTIONAL CLASS	IMPROVEMENT CATEGORY	IMPROVEMENT TYPE	PDO BEFORE	PDO AFTER	FATALITY BEFORE	FATALITY AFTER	SERIOUS INJURY BEFORE	SERIOUS INJURY AFTER	ALL OTHER INJURY BEFORE	ALL OTHER INJURY AFTER	TOTAL BEFORE	TOTAL AFTER	EVALUATION RESULTS (BENEFIT/COST RATIO)
51945-3451-94 Lewis LR-00942	Rural Minor Collector	Miscellaneous	Miscellaneous - other	1.00				6.00		3.00		10.00		
51945-3451-94 Lewis LR-00935	Rural Minor Collector	Miscellaneous	Miscellaneous - other	5.00		1.00		1.00		3.00		10.00		
51945-3451-94 Lewis LR-00941	Rural Minor Collector	Miscellaneous	Miscellaneous - other	7.00				2.00		1.00		10.00		
56946-3440-94 Macon LR-01078	Rural Minor Collector	Miscellaneous	Miscellaneous - other	8.00		2.00		2.00			1.00	12.00	1.00	
56946-3440-94 Macon LR-02097	Rural Minor Collector	Miscellaneous	Miscellaneous - other	6.00	3.00			1.00		5.00	1.00	12.00	4.00	
56946-3440-94 Macon LR-02087	Rural Major Collector	Miscellaneous	Miscellaneous - other	10.00	4.00	1.00		2.00		2.00	2.00	15.00	6.00	
64945-3431-94 Moore LR-0A020	Rural Local Road or Street	Miscellaneous	Miscellaneous - other	3.00	2.00	1.00		1.00				5.00	2.00	
64945-3431-94 Moore LR-0A073	Rural Local Road or Street	Miscellaneous	Miscellaneous - other	5.00	1.00			1.00		1.00		7.00	1.00	
64945-3431-94 Moore LR-0A069	Rural Local Road or Street	Miscellaneous	Miscellaneous - other	6.00	4.00			1.00	1.00			7.00	5.00	
68645-3475-94 Perry LR-0A246	Rural Local Road or Street	Miscellaneous	Miscellaneous - other	2.00		1.00		3.00		2.00		8.00		
68645-3475-94 Perry LR-0A123	Rural Local Road or Street	Miscellaneous	Miscellaneous - other	1.00	2.00			2.00	1.00	2.00		5.00	3.00	
68645-3475-94 Perry LR-01775	Rural Minor Collector	Miscellaneous	Miscellaneous - other	5.00		1.00		3.00		2.00		11.00		
81945-3481-94 Stewart LR-0A069	Rural Local Road or Street	Miscellaneous	Miscellaneous - other	3.00	1.00			2.00		1.00		6.00	1.00	
81945-3481-94 Stewart LR-01830	Rural Minor Collector	Miscellaneous	Miscellaneous - other	3.00	3.00			2.00			2.00	5.00	5.00	
81945-3481-94 Stewart LR-0A171	Rural Minor Collector	Miscellaneous	Miscellaneous - other	12.00	4.00	2.00		1.00		5.00	2.00	20.00	6.00	
81945-3481-94 Stewart LR-01795	Rural Minor Collector	Miscellaneous	Miscellaneous - other	6.00	2.00			2.00		5.00	1.00	13.00	3.00	
85945-3470-94 Trousdale LR-0A151	Rural Local Road or Street	Miscellaneous	Miscellaneous - other	7.00	1.00			2.00				9.00	1.00	
85945-3470-94 Trousdale LR-0B130	Rural Local Road or Street	Miscellaneous	Miscellaneous - other	8.00	3.00			1.00				9.00	3.00	

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85945-3470-94 Trousdale LR-0A054	Rural Local Road or Street	Miscellaneous	Miscellaneous - other	6.00	1.00			1.00			1.00	7.00	2.00	
91946-3404-94 Wayne LR-0A385	Rural Local Road or Street	Miscellaneous	Miscellaneous - other	2.00	2.00	2.00		2.00	1.00			6.00	3.00	
91946-3404-94 Wayne LR-0A201	Rural Local Road or Street	Miscellaneous	Miscellaneous - other	4.00	1.00			2.00		1.00		7.00	1.00	
91946-3404-94 Wayne LR-0A141	Rural Local Road or Street	Miscellaneous	Miscellaneous - other	8.00	3.00			3.00		5.00		16.00	3.00	
91946-3404-94 Wayne LR-01767	Rural Minor Collector	Miscellaneous	Miscellaneous - other	14.00				2.00		6.00		22.00		
91946-3404-94 Wayne LR-01782	Rural Minor Collector	Miscellaneous	Miscellaneous - other	10.00	3.00			1.00		3.00	1.00	14.00	4.00	
19008-3191-94 Davidson	Urban Principal Arterial (UPA) - Other Freeways and Expressways	Miscellaneous	Miscellaneous - other	98.00	138.00			2.00		35.00	37.00	135.00	175.00	
23945-3473-94	Rural Minor Collector	Miscellaneous	Local road safety plans	14.00	2.00	1.00		5.00		10.00	2.00	30.00	4.00	
49946-3410-94	Rural Local Road or Street	Miscellaneous	Local road safety plans	4.00	3.00			2.00		2.00		8.00	3.00	
38003-3232-94	Rural Major Collector	Miscellaneous	Local road safety plans	38.00	33.00	2.00		4.00	1.00	9.00	11.00	53.00	45.00	
20019-3229-94	Rural Major Collector	Roadway signs and traffic control	Roadway signs and traffic control - other		5.00	1.00			1.00	12.00	1.00	13.00	7.00	
36013-3205-94	Rural Major Collector	Miscellaneous	Road safety audits	13.00	9.00	2.00		3.00	1.00	7.00	2.00	25.00	12.00	
79148-3502-94	Urban Local Road or Street	Miscellaneous	Miscellaneous - other	11.00	11.00					3.00	2.00	14.00	13.00	
03040-3218-94	Rural Major Collector	Miscellaneous	Miscellaneous - other	1.00	4.00	1.00		2.00		2.00	3.00	6.00	7.00	
36001-3292-94	Urban Principal Arterial (UPA) - Interstate	Speed management	Modify speed limit	13.00	9.00		1.00	5.00		9.00	3.00	27.00	13.00	
27946-3408-94	Rural Local Road or Street	Miscellaneous	Miscellaneous - other	6.00	7.00	1.00		3.00	1.00	6.00	1.00	16.00	9.00	

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38011-3204-94	Rural Major Collector	Miscellaneous	Miscellaneous - other	27.00	52.00	1.00		1.00	1.00	13.00	11.00	42.00	64.00	
24005-3223-94	Rural Local Road or Street	Intersection geometry	Intersection geometry - other	4.00	6.00	2.00		1.00				7.00	6.00	
35003-3230-94	Rural Local Road or Street	Miscellaneous	Miscellaneous - other	17.00	18.00	1.00	1.00	2.00	2.00	13.00	2.00	33.00	23.00	
17001-3227-94	Rural Principal Arterial (RPA) - Interstate	Miscellaneous	Miscellaneous - other	14.00	19.00			2.00	2.00	5.00	3.00	21.00	24.00	
39015-3216-94	Rural Major Collector	Miscellaneous	Miscellaneous - other	11.00	14.00	1.00	1.00	3.00		5.00	3.00	20.00	18.00	
20945-3447-94	Rural Minor Collector	Miscellaneous	Miscellaneous - other	4.00				1.00				5.00		
84014-3220-94	Rural Major Collector	Miscellaneous	Miscellaneous - other	16.00	12.00	1.00		1.00		7.00	4.00	25.00	16.00	
92002-3232-94	Urban Principal Arterial (UPA) - Interstate	Miscellaneous	Miscellaneous - other	15.00	16.00	2.00		3.00	1.00	11.00	5.00	31.00	22.00	
79026-3220-94	Urban Minor Arterial	Miscellaneous	Road safety audits	43.00	46.00	1.00		1.00		2.00	6.00	47.00	52.00	
84012-3212-94	Rural Major Collector	Miscellaneous	Miscellaneous - other	7.00	8.00			2.00		3.00	4.00	12.00	12.00	
4029-3208-94	Rural Minor Collector	Miscellaneous	Miscellaneous - other	9.00	11.00			5.00	2.00	7.00	3.00	21.00	16.00	
79947 -3526- 94	Urban Minor Arterial	Miscellaneous	Miscellaneous - other	54.00	31.00					22.00	5.00	76.00	36.00	
79947-3403-94	Rural Local Road or Street	Miscellaneous	Road safety audits	3.00	1.00			2.00	1.00	1.00		6.00	2.00	
79947-3418-94	Urban Principal Arterial (UPA) - Interstate	Roadway signs and traffic control	Roadway signs and traffic control - other	10.00	1.00			1.00		2.00		13.00	1.00	
79947-3530-94	Urban Principal Arterial (UPA) - Other	Roadway signs and traffic control	Roadway signs and traffic control - other	429.00	200.00			8.00	4.00	118.00	68.00	555.00	272.00	
79961-3529-94	Urban Principal	Miscellaneous	Miscellaneous - other	179.00	160.00			2.00	2.00	44.00	23.00	225.00	185.00	

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	Arterial (UPA) - Other													
57029-3502-94	Urban Minor Arterial	Miscellaneous	Miscellaneous - other	134.00	136.00			3.00	3.00	25.00	35.00	162.00	174.00	
79947-3528-94	Urban Minor Arterial	Miscellaneous	Miscellaneous - other	53.00	17.00			3.00		24.00	15.00	80.00	32.00	
36945-3494-94	Rural Minor Collector	Miscellaneous	Miscellaneous - other	5.00	43.00	2.00	1.00		3.00	3.00	13.00	10.00	60.00	
38008-3220-94	Rural Minor Collector	Miscellaneous	Miscellaneous - other	19.00	16.00			1.00		11.00	1.00	31.00	17.00	
38945-3465-94	Rural Local Road or Street	Miscellaneous	Miscellaneous - other	2.00	1.00	1.00		1.00			2.00	4.00	3.00	
49946-3404-94	Rural Minor Collector	Miscellaneous	Miscellaneous - other	6.00		3.00		2.00		3.00		14.00		
57006-3254-94	Rural Principal Arterial (RPA) - Other	Miscellaneous	Miscellaneous - other	6.00	13.00	1.00					3.00	7.00	16.00	
57946-3567-94	Rural Major Collector	Miscellaneous	Miscellaneous - other	21.00	275.00			2.00		2.00	42.00	25.00	317.00	
40003-3223-94	Rural Minor Arterial	Miscellaneous	Miscellaneous - other	13.00	13.00	1.00		3.00		17.00	5.00	34.00	18.00	
40008-3229-94	Rural Major Collector	Miscellaneous	Miscellaneous - other	14.00	16.00	1.00		6.00	5.00	6.00	7.00	27.00	28.00	
79946-3598-94	Urban Minor Arterial	Intersection geometry	Intersection realignment	32.00	18.00			1.00		6.00	7.00	39.00	25.00	
79054-3508-94	Urban Minor Arterial	Miscellaneous	Miscellaneous - other	22.00	21.00			1.00		10.00	4.00	33.00	25.00	
84018-3412-94	Urban Local Road or Street	Miscellaneous	Miscellaneous - other	16.00	17.00	1.00	1.00	1.00	4.00	7.00	5.00	25.00	27.00	
23945-3480-94	Rural Minor Collector	Miscellaneous	Miscellaneous - other	2.00	4.00			2.00		3.00	3.00	7.00	7.00	
57027-3513-94	Rural Minor Collector	Miscellaneous	Miscellaneous - other	86.00	98.00	4.00		5.00	2.00	39.00	18.00	134.00	118.00	
20002-3242-94	Rural Principal Arterial (RPA) - Other	Miscellaneous	Miscellaneous - other	16.00	23.00			2.00	2.00	5.00	8.00	23.00	33.00	

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20005-3218-94	Rural Local Road or Street	Miscellaneous	Miscellaneous - other	7.00	3.00			1.00			2.00	8.00	5.00	
79903-3118-44	Urban Local Road or Street	Miscellaneous	Miscellaneous - other	93.00	22.00					24.00	1.00	117.00	23.00	
92946-3432-94(LR 01612)	Rural Local Road or Street	Miscellaneous	Miscellaneous - other	6.00	5.00			2.00		4.00	2.00	12.00	7.00	
92946-3432-94(LR 00859)	Rural Local Road or Street	Miscellaneous	Miscellaneous - other	5.00	1.00					3.00		8.00	1.00	
12945-3437-94 (LR01694)	Rural Local Road or Street	Miscellaneous	Miscellaneous - other	7.00	2.00			2.00		4.00	1.00	13.00	3.00	
12945-3437-94 (LR0555)	Rural Local Road or Street	Miscellaneous	Miscellaneous - other	3.00	1.00			1.00		1.00		5.00	1.00	
12945-3437-94 (LRA035)	Rural Local Road or Street	Miscellaneous	Miscellaneous - other	5.00				1.00		1.00		7.00		
12945-3437-94 (LRA297)	Rural Local Road or Street	Miscellaneous	Miscellaneous - other	6.00	1.00					1.00	2.00	7.00	3.00	
12945-3441-94 (LR 06130)	Rural Local Road or Street	Miscellaneous	Miscellaneous - other	9.00	3.00			2.00	1.00	4.00	1.00	15.00	5.00	
12945-3441-94 (LR 0A145)	Rural Local Road or Street	Miscellaneous	Miscellaneous - other	4.00	5.00			1.00				5.00	5.00	
17945-3429-94 (LR00852)	Rural Local Road or Street	Miscellaneous	Miscellaneous - other	21.00	3.00	1.00		3.00		1.00	1.00	26.00	4.00	
17945-3429-94 (LR00848)	Rural Local Road or Street	Miscellaneous	Miscellaneous - other	4.00				2.00		2.00	2.00	8.00	2.00	
17945-3429-94 (LR01578)	Rural Local Road or Street	Miscellaneous	Miscellaneous - other	6.00	1.00			2.00		5.00		13.00	1.00	
17945-3429-94 (LR01576)	Rural Local Road or Street	Miscellaneous	Miscellaneous - other	3.00				1.00		1.00		5.00		
17945-3431-94 (LR 01572)	Rural Minor Collector	Miscellaneous	Miscellaneous - other	1.00	2.00					1.00	1.00	2.00	3.00	
17945-3431-94 (LR 00850)	Rural Minor Collector	Miscellaneous	Miscellaneous - other	7.00	3.00			3.00		3.00		13.00	3.00	
17945-3431-94 (LR 0A695)	Rural Local Road or Street	Miscellaneous	Miscellaneous - other	2.00	2.00			2.00				4.00	2.00	
20945-3448-94 (LR 00907)	Rural Minor Collector	Miscellaneous	Miscellaneous - other	3.00	2.00			3.00				6.00	2.00	

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20945-3448-94 (LR 05577)	Rural Minor Collector	Miscellaneous	Miscellaneous - other	16.00	2.00			3.00	2.00	5.00	2.00	24.00	6.00	
23945-3477-94 (02721)	Rural Local Road or Street	Miscellaneous	Miscellaneous - other	5.00	7.00	1.00		1.00		5.00	2.00	12.00	9.00	
23945-3477-94 (01433a)	Rural Local Road or Street	Miscellaneous	Miscellaneous - other	10.00	10.00	1.00		3.00	2.00	9.00	4.00	23.00	16.00	
23945-3477-94 (01433b)	Rural Local Road or Street	Miscellaneous	Miscellaneous - other	3.00	5.00			2.00	1.00	7.00	4.00	12.00	10.00	
24946-3407-94 (LR00840a)	Rural Local Road or Street	Miscellaneous	Miscellaneous - other	4.00	6.00			2.00		2.00	2.00	8.00	8.00	
24946-3407-94 (LR 01474)	Rural Local Road or Street	Miscellaneous	Miscellaneous - other	1.00	2.00			2.00	1.00	3.00	1.00	6.00	4.00	
24946-3407-94 (LR 02706)	Rural Local Road or Street	Miscellaneous	Miscellaneous - other	6.00	2.00	1.00		2.00		3.00	2.00	12.00	4.00	
24946-3407-94 (LR 0A245)	Rural Local Road or Street	Miscellaneous	Miscellaneous - other	8.00	4.00			2.00		3.00	1.00	13.00	5.00	
27946-3409-94 (LR00872)	Rural Local Road or Street	Miscellaneous	Miscellaneous - other	7.00	3.00	1.00		2.00		1.00	1.00	11.00	4.00	
27946-3409-94 (LR 00853)	Rural Local Road or Street	Miscellaneous	Miscellaneous - other	2.00	2.00	1.00		1.00	1.00	3.00	1.00	7.00	4.00	
27946-3409-94 (LR 00854)	Rural Local Road or Street	Miscellaneous	Miscellaneous - other	1.00	2.00	3.00				1.00	1.00	5.00	3.00	
27946-3409-94 (LR 0A339)	Rural Local Road or Street	Miscellaneous	Miscellaneous - other	6.00		1.00				3.00	2.00	10.00	2.00	
27946-3409-94 (LR 0B346)	Rural Local Road or Street	Miscellaneous	Miscellaneous - other	6.00	4.00	1.00			1.00	2.00	2.00	9.00	7.00	
27946-3418-94 (LR 01582)	Rural Minor Collector	Miscellaneous	Miscellaneous - other	6.00	1.00			3.00		1.00	2.00	10.00	3.00	
27946-3418-94 (LR 01401)	Rural Minor Collector	Miscellaneous	Miscellaneous - other	2.00		1.00		2.00				5.00		
27946-3418-94 (LR 0A379)	Rural Local Road or Street	Miscellaneous	Miscellaneous - other	3.00	1.00			3.00	1.00	1.00	1.00	7.00	3.00	
27946-3418-94 (LR 01593)	Rural Minor Collector	Miscellaneous	Miscellaneous - other	4.00		1.00		1.00	1.00	1.00	1.00	7.00	2.00	
03945-3492-94 (LR 00895)	Rural Local Road or Street	Miscellaneous	Miscellaneous - other	2.00	2.00			2.00	1.00	2.00	1.00	6.00	4.00	

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03945-3492-94 (LR 01751)	Rural Local Road or Street	Miscellaneous	Miscellaneous - other	3.00	1.00			2.00	1.00			5.00	2.00	
03945-3492-94 (LR 00911)	Rural Local Road or Street	Miscellaneous	Miscellaneous - other	6.00	5.00			3.00		3.00	1.00	12.00	6.00	
36945-3495-95 (LR 00899)	Rural Local Road or Street	Miscellaneous	Miscellaneous - other	11.00	4.00	1.00		1.00		6.00	1.00	19.00	5.00	
36945-3495-95 (LR 00901)	Rural Local Road or Street	Miscellaneous	Miscellaneous - other	16.00	4.00	1.00		3.00	1.00	3.00	1.00	23.00	6.00	
36945-3495-95 (LR 01742)	Rural Local Road or Street	Miscellaneous	Miscellaneous - other	3.00			1.00	2.00		1.00		6.00	1.00	
36945-3495-95 (LR 0A240)	Rural Local Road or Street	Miscellaneous	Miscellaneous - other	5.00	3.00			2.00		3.00		10.00	3.00	
35946-3411-94 LR0615A	Rural Local Road or Street	Miscellaneous	Miscellaneous - other	3.00				5.00		4.00		12.00		
35946-3411-94 (LR01613)	Rural Local Road or Street	Miscellaneous	Miscellaneous - other	6.00	1.00			2.00		3.00		11.00	1.00	
35946-3411-94 (01609)	Rural Local Road or Street	Miscellaneous	Miscellaneous - other	16.00	7.00	2.00			1.00	10.00	1.00	28.00	9.00	
38945-3471-94 (LR 0A050)	Rural Local Road or Street	Miscellaneous	Miscellaneous - other	6.00	6.00			1.00	2.00	1.00	2.00	8.00	10.00	
38945-3471-94 (0A040)	Rural Local Road or Street	Miscellaneous	Miscellaneous - other	9.00	8.00			1.00	2.00	1.00		11.00	10.00	
38945-3471-94 (01550)	Rural Local Road or Street	Miscellaneous	Miscellaneous - other	6.00	10.00			1.00			3.00	7.00	13.00	
38945-3471-94 (0A112)	Rural Local Road or Street	Miscellaneous	Miscellaneous - other	3.00				3.00		1.00		7.00		
39945-3489-94 (LR01697)	Rural Local Road or Street	Miscellaneous	Miscellaneous - other	13.00	3.00	1.00		1.00		3.00	1.00	18.00	4.00	
39945-3489-94 (LR0A451)	Rural Local Road or Street	Miscellaneous	Miscellaneous - other	11.00	4.00	1.00	2.00	2.00		6.00		20.00	6.00	
39945-3489-94 (LR 01648)	Rural Local Road or Street	Miscellaneous	Miscellaneous - other	2.00	1.00	1.00		1.00		3.00	1.00	7.00	2.00	
39945-3489-94 (LR 0A196)	Rural Local Road or Street	Miscellaneous	Miscellaneous - other	4.00		1.00				2.00	1.00	7.00	1.00	
40945-3480-94 (LR 00902)	Rural Local Road or Street	Miscellaneous	Miscellaneous - other	4.00	5.00	2.00		3.00			1.00	9.00	6.00	

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LOCATION	FUNCTIONAL CLASS	IMPROVEMENT CATEGORY	IMPROVEMENT TYPE	PDO BEFORE	PDO AFTER	FATALITY BEFORE	FATALITY AFTER	SERIOUS INJURY BEFORE	SERIOUS INJURY AFTER	ALL OTHER INJURY BEFORE	ALL OTHER INJURY AFTER	TOTAL BEFORE	TOTAL AFTER	EVALUATION RESULTS (BENEFIT/COST RATIO)
40945-3480-94 (LR0A056)	Rural Local Road or Street	Miscellaneous	Miscellaneous - other	3.00	3.00			2.00		2.00		7.00	3.00	
40945-3480-94 (LR 0A287)	Rural Local Road or Street	Miscellaneous	Miscellaneous - other	4.00				2.00	1.00	1.00		7.00	1.00	
48945-3420-94 (LR 0A040)	Rural Local Road or Street	Miscellaneous	Miscellaneous - other	4.00	3.00	1.00	3.00		3.00	4.00	4.00	9.00	13.00	
48945-3420-94 (0A021)	Rural Local Road or Street	Miscellaneous	Miscellaneous - other	3.00	1.00				1.00	3.00		6.00	2.00	
49946-3405-94 (LR 00819)	Rural Local Road or Street	Miscellaneous	Miscellaneous - other	17.00	10.00	3.00		12.00	2.00	7.00	1.00	39.00	13.00	
49946-3405-94 (LR 01492)	Rural Local Road or Street	Miscellaneous	Miscellaneous - other	6.00	4.00	1.00		1.00	1.00	4.00		12.00	5.00	
49946-3405-94 (LR 01486)	Rural Local Road or Street	Miscellaneous	Miscellaneous - other	3.00	5.00			3.00		1.00	1.00	7.00	6.00	
66945-3465-94 (LR 01529)	Rural Local Road or Street	Miscellaneous	Miscellaneous - other	1.00		1.00		1.00	1.00	2.00		5.00	1.00	
66945-3465-94 (LR 0572A)	Rural Local Road or Street	Miscellaneous	Miscellaneous - other	4.00	1.00	1.00						5.00	1.00	
66945-3465-94 (LR 01526)	Rural Local Road or Street	Miscellaneous	Miscellaneous - other	8.00	10.00			4.00		4.00	1.00	16.00	11.00	
84946-3402-94 (LR 0A079)	Rural Local Road or Street	Miscellaneous	Miscellaneous - other	4.00	1.00	1.00		1.00				6.00	1.00	
84946-3402-94 (LR 0A117)	Rural Local Road or Street	Miscellaneous	Miscellaneous - other	8.00	5.00	2.00				3.00		13.00	5.00	
84946-3402-94 (LR 00810B)	Rural Local Road or Street	Miscellaneous	Miscellaneous - other	18.00	2.00	2.00		3.00	1.00	12.00	3.00	35.00	6.00	
84946-3405-94 (LR 01471)	Rural Minor Collector	Miscellaneous	Miscellaneous - other	27.00	14.00	2.00		5.00		10.00	4.00	44.00	18.00	
84946-3405-94 (LR 0C001)	Rural Local Road or Street	Miscellaneous	Miscellaneous - other	37.00	17.00	2.00	1.00	2.00		18.00	7.00	59.00	25.00	
09946-3460-94 (LR 01724)	Rural Local Road or Street	Miscellaneous	Miscellaneous - other	10.00	4.00	1.00		2.00		2.00	1.00	15.00	5.00	
09946-3460-94 (LR 00814)	Rural Local Road or Street	Miscellaneous	Miscellaneous - other	2.00	2.00			3.00		4.00	1.00	9.00	3.00	
09946-3460-94 (LR 01722)	Rural Local Road or Street	Miscellaneous	Miscellaneous - other	2.00	2.00			1.00		5.00	2.00	8.00	4.00	

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LOCATION	FUNCTIONAL CLASS	IMPROVEMENT CATEGORY	IMPROVEMENT TYPE	PDO BEFORE	PDO AFTER	FATALITY BEFORE	FATALITY AFTER	SERIOUS INJURY BEFORE	SERIOUS INJURY AFTER	ALL OTHER INJURY BEFORE	ALL OTHER INJURY AFTER	TOTAL BEFORE	TOTAL AFTER	EVALUATION RESULTS (BENEFIT/COST RATIO)
09946-3466-94 (LR 00812)	Rural Minor Collector	Miscellaneous	Miscellaneous - other	2.00	2.00	1.00		3.00		1.00	1.00	7.00	3.00	
09946-3466-94 (LR 01710)	Rural Minor Collector	Miscellaneous	Miscellaneous - other	2.00	1.00	1.00	1.00	2.00	2.00	2.00	1.00	7.00	5.00	
09946-3466-94 (LR 00812)	Rural Minor Collector	Miscellaneous	Miscellaneous - other	5.00	7.00			2.00	1.00	3.00	1.00	10.00	9.00	
92946-3429-94 (LR 01599)	Rural Local Road or Street	Miscellaneous	Miscellaneous - other	1.00	1.00			2.00		2.00	2.00	5.00	3.00	
92946-3429-94 (LR 00815)	Rural Local Road or Street	Miscellaneous	Miscellaneous - other	9.00	3.00	1.00		4.00	1.00	11.00	1.00	25.00	5.00	
92946-3429-94 (LR01610)	Rural Local Road or Street	Miscellaneous	Miscellaneous - other	6.00	3.00	1.00				7.00		14.00	3.00	
20945-3445-94 Decatur LR-01739	Rural Local Road or Street	Miscellaneous	Miscellaneous - other	4.00	20.00			1.00	1.00	1.00	4.00	6.00	25.00	
20945-3445-94 Decatur LR-01706	Rural Local Road or Street	Miscellaneous	Miscellaneous - other	8.00	19.00			1.00	1.00	1.00	8.00	10.00	28.00	
20945-3445-94 Decatur LR-0A511	Rural Local Road or Street	Miscellaneous	Miscellaneous - other	6.00	10.00			1.00	2.00			7.00	12.00	
38945-3471-94 Haywood LR-0A050	Rural Local Road or Street	Miscellaneous	Miscellaneous - other	6.00	3.00			1.00		1.00		8.00	3.00	
38945-3471-94 Haywood LR-0A040	Rural Local Road or Street	Miscellaneous	Miscellaneous - other	9.00	1.00			1.00		1.00		11.00	1.00	
38945-3471-94 Haywood LR-01550	Rural Local Road or Street	Miscellaneous	Miscellaneous - other	6.00	4.00			1.00	1.00		3.00	7.00	8.00	
38945-3471-94 Haywood LR-0A112	Rural Local Road or Street	Miscellaneous	Miscellaneous - other	3.00				3.00		1.00		7.00		
55946-3447-94 McNairy LR-01655	Rural Local Road or Street	Miscellaneous	Miscellaneous - other	5.00	4.00	2.00		1.00		2.00	1.00	10.00	5.00	
55946-3447-94 McNairy LR-0A664	Rural Local Road or Street	Miscellaneous	Miscellaneous - other	2.00		1.00				3.00	1.00	6.00	1.00	
55946-3447-94 McNairy LR-0A213	Rural Local Road or Street	Miscellaneous	Miscellaneous - other	9.00	5.00	1.00		1.00		5.00		16.00	5.00	
55946-3447-94 McNairy LR-01631	Rural Local Road or Street	Miscellaneous	Miscellaneous - other	5.00		1.00		2.00		1.00		9.00		
31945-3465-94 Grundy LR 0A085	Rural Local Road or Street	Miscellaneous	Miscellaneous - other	4.00		2.00		4.00		4.00		14.00		

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LOCATION	FUNCTIONAL CLASS	IMPROVEMENT CATEGORY	IMPROVEMENT TYPE	PDO BEFORE	PDO AFTER	FATALITY BEFORE	FATALITY AFTER	SERIOUS INJURY BEFORE	SERIOUS INJURY AFTER	ALL OTHER INJURY BEFORE	ALL OTHER INJURY AFTER	TOTAL BEFORE	TOTAL AFTER	EVALUATION RESULTS (BENEFIT/COST RATIO)
31945-3465-94 Grundy LR 0A198	Rural Local Road or Street	Miscellaneous	Miscellaneous - other	3.00		1.00				1.00		5.00		
31945-3465-94 Grundy LR 0A078	Rural Local Road or Street	Miscellaneous	Miscellaneous - other	12.00	7.00	1.00		3.00	1.00	6.00	1.00	22.00	9.00	
31945-3465-94 Grundy LR 0A226	Rural Local Road or Street	Miscellaneous	Miscellaneous - other	4.00	3.00			2.00		1.00		7.00	3.00	
10946-3408-94 Carter LR 01427	Rural Minor Collector	Miscellaneous	Miscellaneous - other	13.00	3.00	1.00		2.00		1.00	1.00	17.00	4.00	
10946-3408-94 Carter LR 01392	Rural Minor Collector	Miscellaneous	Miscellaneous - other	13.00	13.00			2.00		6.00		21.00	13.00	
54946-3462-94 McMinn LR 0A498	Rural Local Road or Street	Miscellaneous	Miscellaneous - other	4.00	1.00	1.00		2.00	1.00			7.00	2.00	
54946-3462-94 McMinn LR 05565	Rural Minor Collector	Miscellaneous	Miscellaneous - other	29.00	14.00	1.00		7.00	1.00	13.00	5.00	50.00	20.00	

Project data for comparison was from the 3 years before the project was implemented and compared to the 3 years after the project was completed.

Compliance Assessment

What date was the State’s current SHSP approved by the Governor or designated State representative?

09/18/2020

What are the years being covered by the current SHSP?

From: 2020 To: 2025

When does the State anticipate completing its next SHSP update?

2025

The 2025 - 2029 SHSP is currently under development. The report is scheduled to be completed by November 15, 2024.

Provide the current status (percent complete) of MIRE fundamental data elements collection efforts using the table below.

*Based on Functional Classification (MIRE 1.0 Element Number) [MIRE 2.0 Element Number]

ROAD TYPE	*MIRE NAME (MIRE NO.)	NON LOCAL PAVED ROADS - SEGMENT		NON LOCAL PAVED ROADS - INTERSECTION		NON LOCAL PAVED ROADS - RAMPS		LOCAL PAVED ROADS		UNPAVED ROADS	
		STATE	NON-STATE	STATE	NON-STATE	STATE	NON-STATE	STATE	NON-STATE	STATE	NON-STATE
ROADWAY SEGMENT	Segment Identifier (12) [12]	100	100					100	100	100	100
	Route Number (8) [8]	100	100								
	Route/Street Name (9) [9]	100	100								
	Federal Aid/Route Type (21) [21]	100	100								
	Rural/Urban Designation (20) [20]	100	100					100	100		
	Surface Type (23) [24]	100	100					100	100		
	Begin Point Segment Descriptor (10) [10]	100	100					100	100	100	100
	End Point Segment Descriptor (11) [11]	100	100					100	100	100	100
	Segment Length (13) [13]	100	100								
	Direction of Inventory (18) [18]	100	100								
	Functional Class (19) [19]	100	100					100	100	100	100

ROAD TYPE	*MIRE NAME (MIRE NO.)	NON LOCAL PAVED ROADS - SEGMENT		NON LOCAL PAVED ROADS - INTERSECTION		NON LOCAL PAVED ROADS - RAMPS		LOCAL PAVED ROADS		UNPAVED ROADS	
		STATE	NON-STATE	STATE	NON-STATE	STATE	NON-STATE	STATE	NON-STATE	STATE	NON-STATE
	Median Type (54) [55]	100	100								
	Access Control (22) [23]	100	100								
	One/Two Way Operations (91) [93]	100	100								
	Number of Through Lanes (31) [32]	100	100					100	100		
	Average Annual Daily Traffic (79) [81]	100	100					100			
	AADT Year (80) [82]	100									
	Type of Governmental Ownership (4) [4]	100	100					100	100	100	100
INTERSECTION	Unique Junction Identifier (120) [110]			100	100						
	Location Identifier for Road 1 Crossing Point (122) [112]			100	100						
	Location Identifier for Road 2 Crossing Point (123) [113]			100	100						
	Intersection/Junction Geometry (126) [116]										
	Intersection/Junction Traffic Control (131) [131]			100	100						
	AADT for Each Intersecting Road (79) [81]			100	100						
	AADT Year (80) [82]			100	100						
	Unique Approach Identifier (139) [129]										
INTERCHANGE/RAMP	Unique Interchange Identifier (178) [168]					100	100				
	Location Identifier for Roadway at					100	100				

ROAD TYPE	*MIRE NAME (MIRE NO.)	NON LOCAL PAVED ROADS - SEGMENT		NON LOCAL PAVED ROADS - INTERSECTION		NON LOCAL PAVED ROADS - RAMPS		LOCAL PAVED ROADS		UNPAVED ROADS	
		STATE	NON-STATE	STATE	NON-STATE	STATE	NON-STATE	STATE	NON-STATE	STATE	NON-STATE
	Beginning of Ramp Terminal (197) [187]										
	Location Identifier for Roadway at Ending Ramp Terminal (201) [191]					100	100				
	Ramp Length (187) [177]					100	100				
	Roadway Type at Beginning of Ramp Terminal (195) [185]					100	100				
	Roadway Type at End Ramp Terminal (199) [189]					100	100				
	Interchange Type (182) [172]										
	Ramp AADT (191) [181]					100	100				
	Year of Ramp AADT (192) [182]					100	100				
	Functional Class (19) [19]					100	100				
	Type of Governmental Ownership (4) [4]					100	100				
Totals (Average Percent Complete):		100.00	94.44	75.00	75.00	90.91	90.91	100.00	88.89	100.00	100.00

*Based on Functional Classification (MIRE 1.0 Element Number) [MIRE 2.0 Element Number]

Describe actions the State will take moving forward to meet the requirement to have complete access to the MIRE fundamental data elements on all public roads by September 30, 2026.

The State continues to be cognizant of MIRE FDE’s as we move from the legacy TRIMS Linear Referencing System (LRS) to ArcGIS Roads and Highways. More effort is being placed on aligning Key elements that are now in Roads and Highways and being aware of what other DOT’s are doing versus our own efforts. We particularly liaise with those states who are using the Roads and Highways LRS. Members of the Planning Division recently attended and presented at a FHWA MIRE Peer exchange to discuss and understand progress in meeting the MIRE FDE requirements. While TDOT met most of the FDE’s in a TRIMS environment, there is now need to upgrade element structure and capture for a few FDE’s including Through lanes, Intersections, Interchanges, and others in this new environment. The Planning Division commits to fostering closer ties to the Safety Engineers, and other partners, as these data elements are mainly being developed in part for their overall use. Lastly, as TDOT continues to focus on meeting the requirements, the Planning Division will continue partnering with FHWA by using the Data and Analysis Technical Assistance (DATA) Teams collaborative environment to continue fostering TDOT’s implementation strategies.

Optional Attachments

Program Structure:

STID Program Description 100617.pdf

Project Implementation:

Safety Performance:

Evaluation:

Compliance Assessment:

Glossary

5 year rolling average: means the average of five individuals, 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.