Transportation Safety
What’s next?

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Purpose of Safety Planning

Safety Plans Template

Existing Safety Plans

Recommendations for Updates
Safety Plan Purpose

What are the top safety concerns in your community?

- Unlicensed driving
- Speeding
- Data consistency & sharing
- Enforcement
- Dust control
- Impaired driving
- Striping
- Reckless driving
- ATVs
- Distracted driving
- Highway safety
- Animals in road
- Traffic
- Interagency cooperation

Road maintenance
- School access
- Education

Roadway engineering
- Funding
- Volume
- Access
- Congestion
- Signage
- Guardrails
- Child restraints
- Lighting
- Bicycles
- Emergency response
- Seatbelts
- Pedestrians

SURVEY OF 151 TRIBAL GOVERNMENTS
Safety Plan Purpose

Safety Stakeholders + Safety Plan = Safety Program
Safety Plan Purpose

Internal and External Communication, Coordination, Collaboration
Safety Plan Purpose

- Unlocks grant opportunities

Safety Plans

Data Assessment, Improvement, and Analysis

Infrastructure Improvement
Since 2013, more than 60% of Tribes have been funded by the TTP Safety Fund for a transportation safety plan.

Available funding:
- $12,500 for initial plan
- $7,500 to update plan after 3 years
Strategic Transportation Safety Plan Toolkit for Tribal Governments

- Plan Template
- State Contacts
- Draft RFP
- Webinar
- Other Resources
What is in a Strategic Transportation Safety Plan?

- Vision
- Safety Partners
- Process
- Existing Safety Efforts
- Data Review
- Emphasis Areas
- Implementation
- Evaluation

Strategic Transportation Safety Plan Template

Before you begin, you may want to save a visual recording entitled "Preparing a Tribal Transportation Safety Plan." http://www.dot.gov/tribal/tribes

Feel free to use this Word document to create your planning document. Delete any instructions and examples, and then start writing:

INTRODUCTION
Briefly describe your Tribe's commitment to transportation safety through this planning process and the drafting of this document. An introduction can be one or more paragraphs, and can be as general or specific as you'd like. It sets the purpose. It gives readers an idea of what the rest of the plan will say, and it provides a reason to keep reading. For example, you should include a description of the document: define the central concept—transportation safety—and perhaps provide some statistics that you'd like to charge enough to take on this planning process.

For example, you might say, "The Tribe is committed to improving transportation safety to reduce the risk of death and serious injury that result from incidents on our transportation systems. This plan tells the story of transportation safety needs and strategies for our community. Implementation of the plan will improve transportation safety for the Tribe, its people, and visitors. As part of an ongoing effort to improve safety, Tribal Transportation Safety Plan was developed with input from several safety partners. In the past 5 years, some statistical data that you want to improve. The Tribe is targeting little goal that will improve transportation over the next 3 years."

VISION
Describe how the plan will improve transportation through a vision statement. It can be a great effort. A vision statement is an idealized description of your success. It should involve, energize, focus, and help you and your partners picture the future you develop the plan.

Why do you want to improve this plan? What will your transportation system look like in ten years? What do you want to improve? What would you like to achieve?

Here are some examples:

- No fatalities, no one disabled on our transportation facilities
- Save 1 CTR, Save 1 Nation
- Toward Zero Deaths on our roads

SAFETY PARTNERS
Select and identify partners that will be able to provide advice in acquiring and analyzing data, selecting emphasis areas, developing safety strategies, and implementing this final plan. Put a list of partners here.

PROCESS
Describe the process used to develop the plan. This would include identification of team members, public outreach efforts, partner involvement, timeline, etc.
What is in a Strategic Transportation Safety Plan?

Data Review

▪ Best available data

▪ Identify & quantify the problems

▪ *May* identify locations

Do what you can, with what you have…
Safety Partners
- Represent/Communicate with Decision Makers
- Provide or Analyze Data
- Existing Efforts
- Recommend Emphasis Areas
- Research Strategies
- Implementation
Local Road Safety Plans: Your Map To Safer Roadways

No matter what your resources, a Local Road Safety Plan will guide you to data-driven solutions and safer roads.

https://safety.ihwa.dot.gov/provencountermeasures/local_road/

Choose Proven Solutions
- Chevrons
- Roundabouts
- Targeted Enforcement
- Crosswalks

Use Safety Data
- Crashes
- Maintenance Logs
- Safety Audits
- Traffic Violations

Implement Solutions
- Education & Enforcement
- Capital Projects
- Maintenance Work

Identify Stakeholders
- Law Enforcement
- Public Health
- EMS
- Elected Officials

Chevron signs reduce nighttime crashes by 25%.

In 2017, over 50% of fatalities occurred on rural roads, but only 19% of Americans live in rural areas.

More than 75% of all roads are maintained by local agencies.

Help Get People Home Safely
Wishlist plans / No specific problem identification

Missing supporting data

Missing discussion on data improvement

Focus on infrastructure or behavior not multi-disciplinary
Consider the topics in the National Tribal Transportation Strategic Safety Plan.

Identify improvements for crash data collection, sharing, and use.

Recommendations for Safety Plan Updates

Identify risks for Systemic Safety Study and locations for Road Safety Audits

Consider applicability of the FHWA Proven Safety Countermeasures & NHTSA Countermeasures that Work
Tribal Transportation Strategic Safety Plan

- Decision Making Process
- Safety Data
- Occupant Protection/Child Seats
- Roadway Departure Crashes
- Alcohol/Drug Impaired Driving
- Pedestrian Safety
- Public Safety Services
Identify Data Improvement Needs

- Tribal Self Assessment
- State Self Assessment

Communicate

- Collect
- Share
- Use / Analysis
Safety Analysis Webinar Series

- Contributing Factors Analysis
- Network Screening
- Site Safety Analysis
- Systemic Safety Method

TribalSafety.org > Resources > Safety Data Analysis
Systemic Approach to Safety

When serious crash locations seem random

Widely implemented, proactive improvements based on high-risk roadway features
Road Safety Audit
A formal and independent safety performance review of a road project by an independent, multidisciplinary, experienced team of safety professionals, addressing the safety of all road users.

Safety Plan / Program
A data-driven plan developed by a multi-disciplinary team to improve safety on the entire transportation network by prioritizing the activities implemented by a government and communicating these priorities with safety partners.
FHWA
Proven Safety Countermeasures

- Roadside Design Improvement at Curves
- Reduced Left-Turn Conflict Intersections
- Systemic Application of Multiple Low Cost Countermeasures at Stop-Controlled Intersections
- Leading Pedestrian Interval
- Local Road Safety Plan
- USLIMITS2
- Enhanced Delineation and Friction for Horizontal Curves
- Longitudinal Rumble Strips and Stripes on Two-Lane Roads
- Median Barrier
- Safety Edge®
- Backplates with Retroreflective Borders
- Corridor Access Management
- Dedicated Left- and Right-Turn Lanes at Intersections
- Roundabouts
- Yellow Change Intervals
- Medians and Pedestrian Crossing Islands in Urban and Suburban Areas
- Pedestrian Hybrid Beacon
- Road Diet
- Walkways
- Road Safety Audits
Education and Enforcement strategies

- Impaired Driving
- Seatbelts
- Speed Limits
- Distracted Driving
- Motorcycles
- Young Drivers
- License Renewal
- Bicycle Helmets
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