

2024 Arizona Strategic Highway Safety Plan (SHSP)

ARIZONA STATE TRANSPORTATION
BOARD MEETING

June 6, 2024



Creating shared responsibility so
everyone arrives safely home

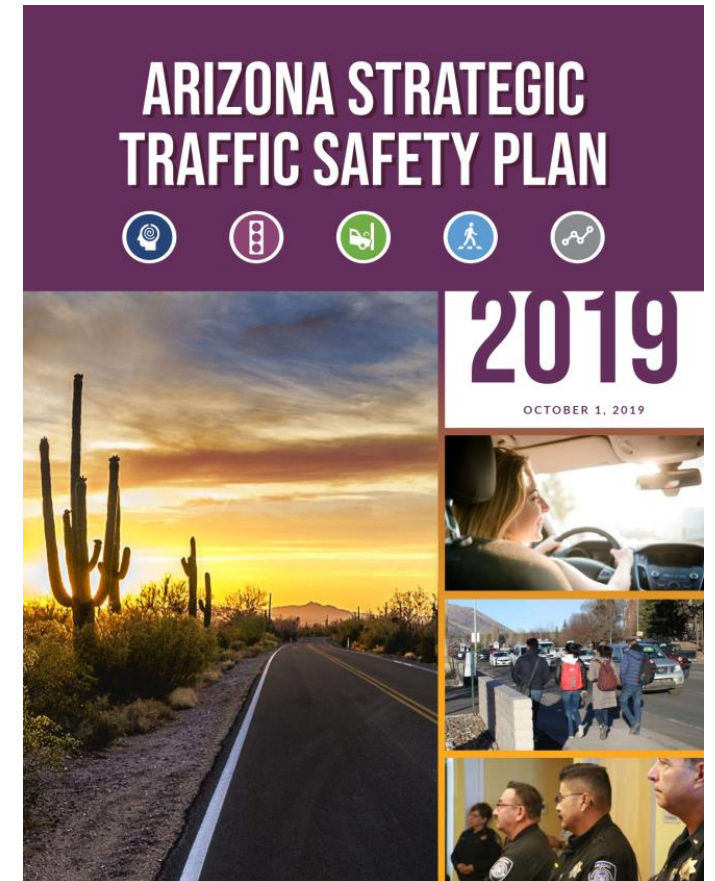
Agenda

- Strategic Highway Safety Plan/Active Transportation Safety Action Plan
- Public outreach summary
- Stakeholder outreach summary
- Emphasis areas
- Next steps

Strategic Highway Safety Plan (SHSP)

Strategic Highway Safety Plan

- Policy document that provides a roadmap for how ADOT and its safety partners will reduce fatalities and serious injuries on Arizona roadways in the next five years.
- Identifies specific strategies and actions to achieve a targeted safety goal.



SHSP Vision and Goal

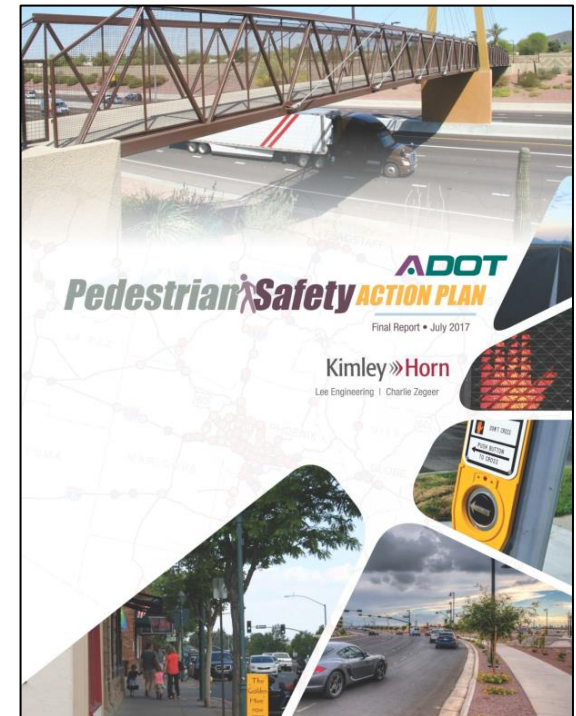
- **Vision:** Creating shared responsibility so everyone arrives safely home.
- **Goal:** Reduce life-altering traffic crashes* by 20% in by 2030.

*Life-altering crashes are those that result in fatalities or serious injuries.



Active Transportation Safety Action Plan

Plan will identify specific projects and estimated costs for recommended pedestrian and bicyclist improvements on the State Highway System (SHS).



2024 SHSP EXECUTIVE COMMITTEE

- Arizona Department of Transportation (ADOT)
- Arizona Governor's Office of Highway Safety (GOHS)
- Arizona Department of Public Safety (DPS)
- Arizona Department of Health Services (DHS)
- Arizona Department of Economic Security (DES)
- *Arizona Department of Liquor Licenses and Control (DLLC)*
- Inter Tribal Council of Arizona (ITCA)
- Federal Highway Administration (FHWA)
- Federal Motor Carrier Safety Administration (FMCSA)
- National Highway Traffic Safety Administration (NHTSA)

Strategic Highway Safety Plan

2024 SHSP PROJECT TEAM

- ADOT Traffic Safety Section
- ADOT Multimodal Planning Division
- Consultant Team:
 - Kimley-Horn
 - WSP
 - Works Consulting

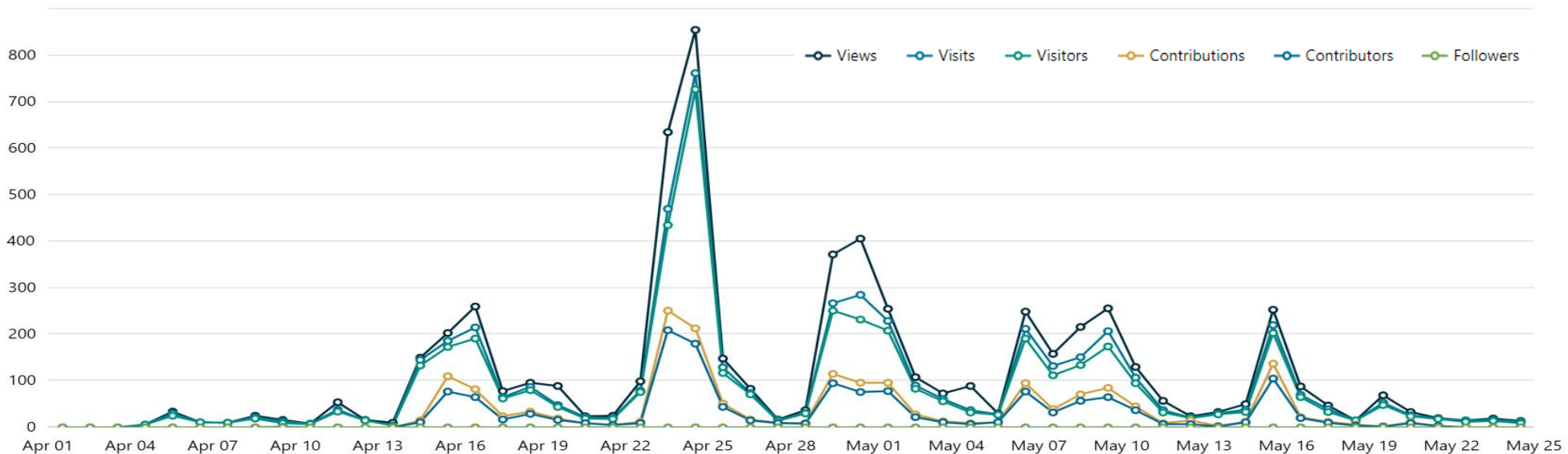
Public Outreach Summary

Website and Online Survey

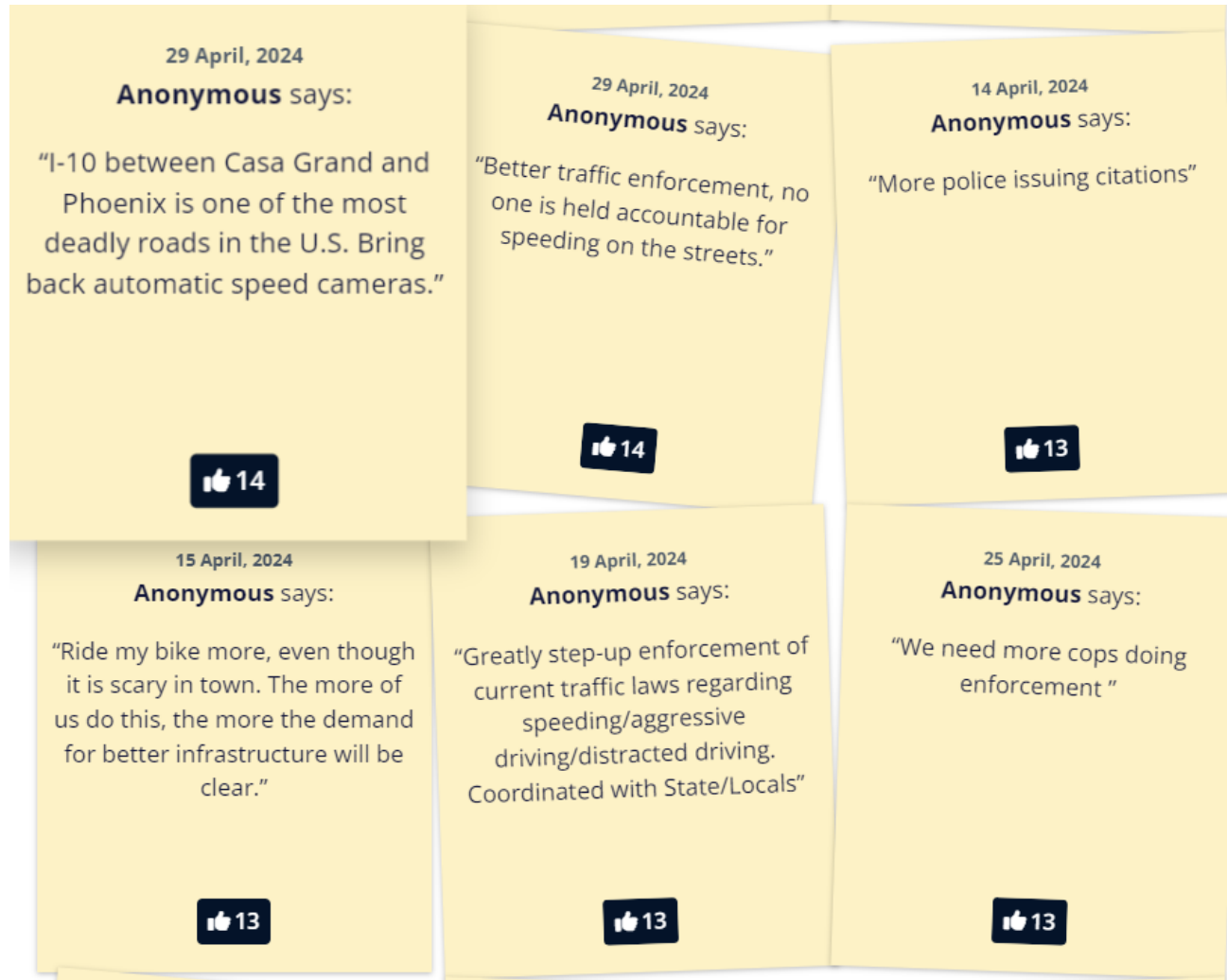


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- ADOTSafetyPlan.com
 - Survey opened 04/01, closed 5/24
 - Unique visitors: 4,003
 - Views: 6,068
 - Unique contributors who provided input: 1,379
 - Surveys filled out: 783



Website and Online Survey



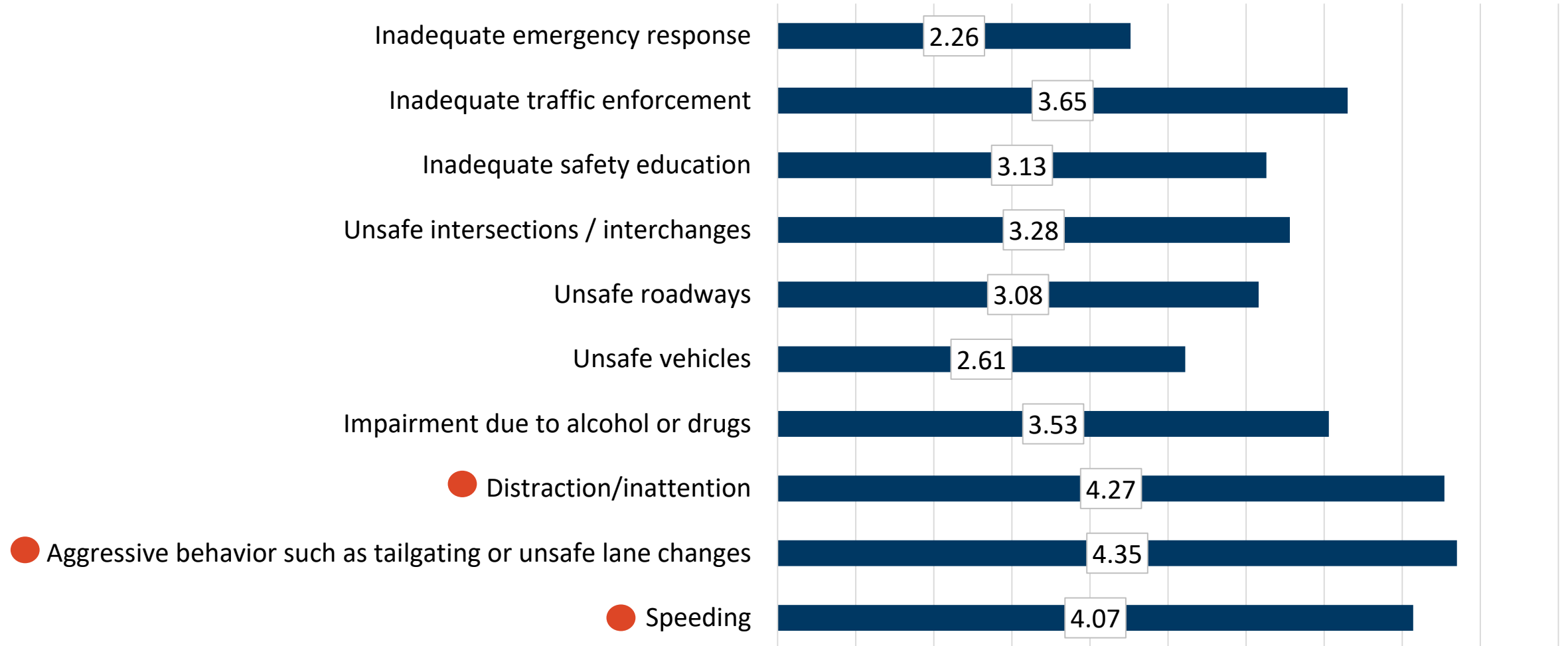
- Action Plan Board
 - Respondents were asked to submit personal commitments to improve road safety
 - Respondents could also "like" other community responses
 - Total Responses: 1,014
 - Total "Like" votes: 3,694

Survey: Factors Why Traffic Fatalities Are Increasing?



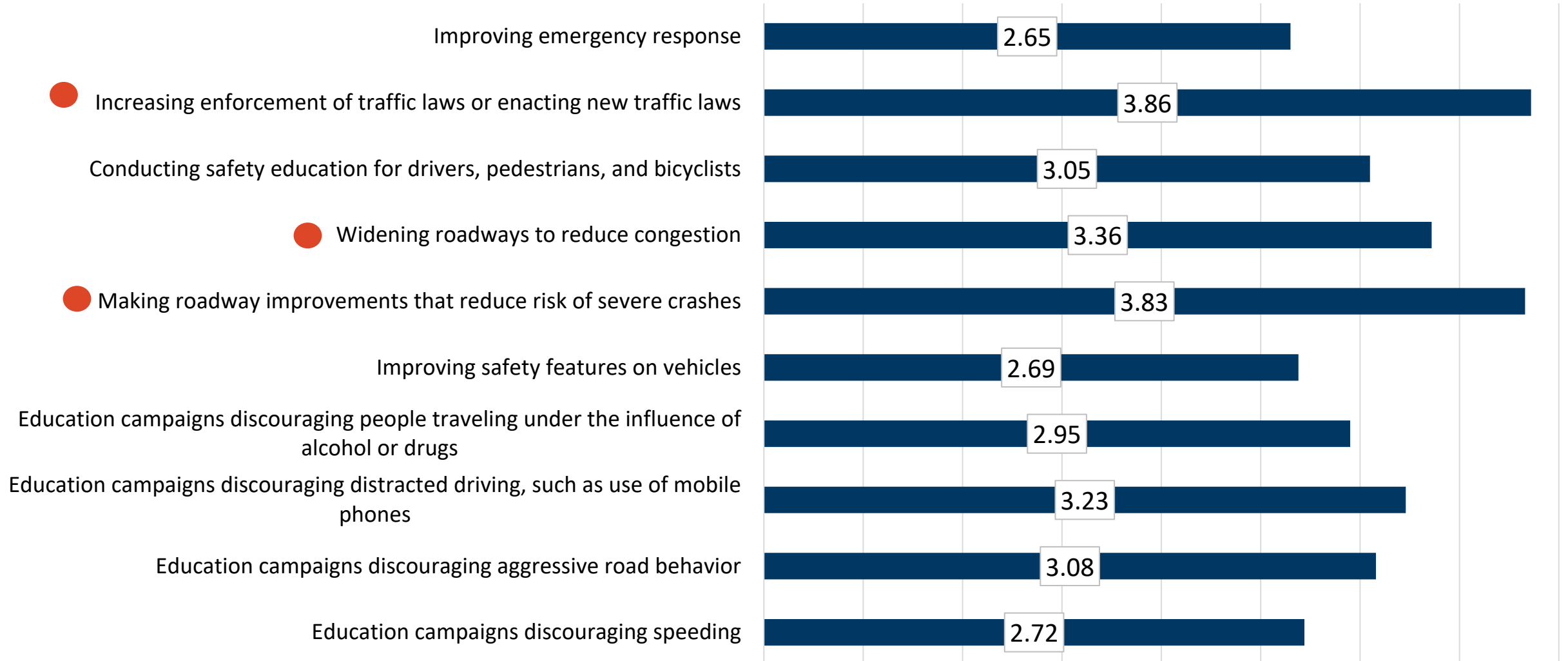
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Significant Factors of Increasing Traffic Fatalities



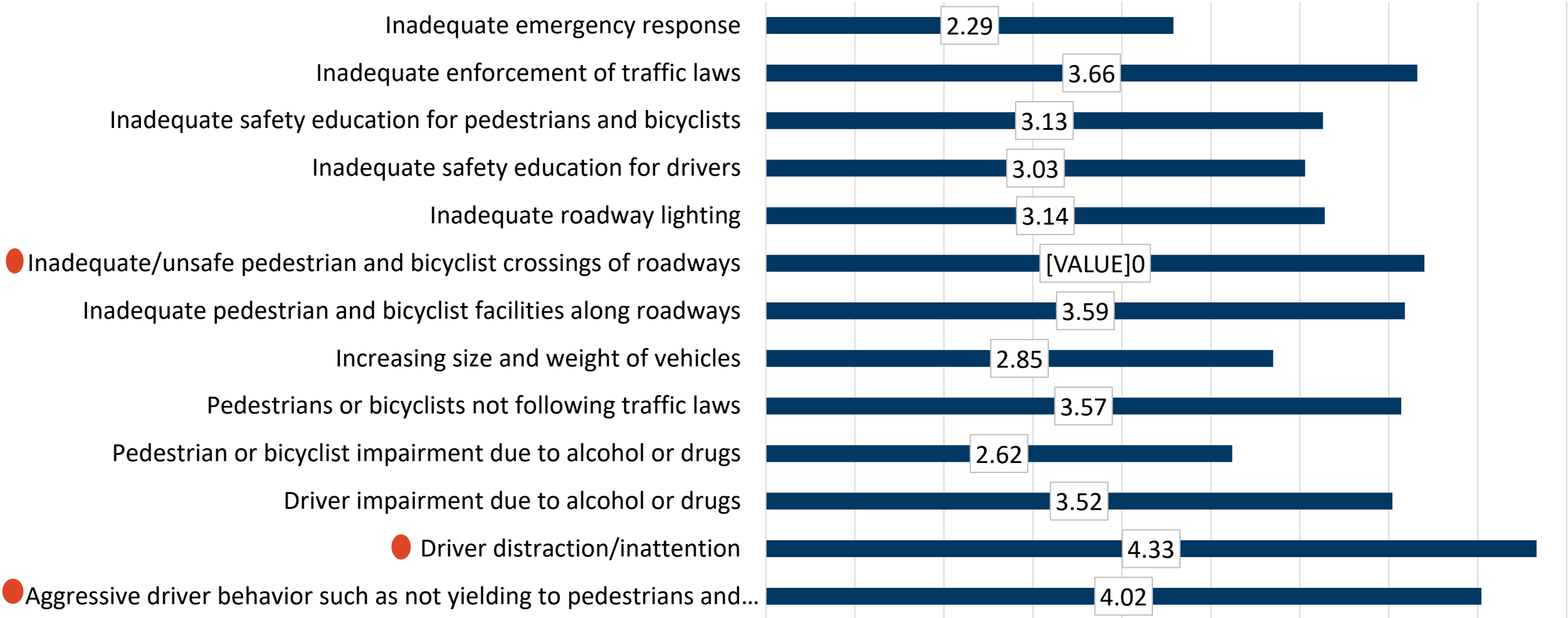
Survey: Strategies To Improve Traffic Safety

Effective Strategies to Improve Traffic Safety



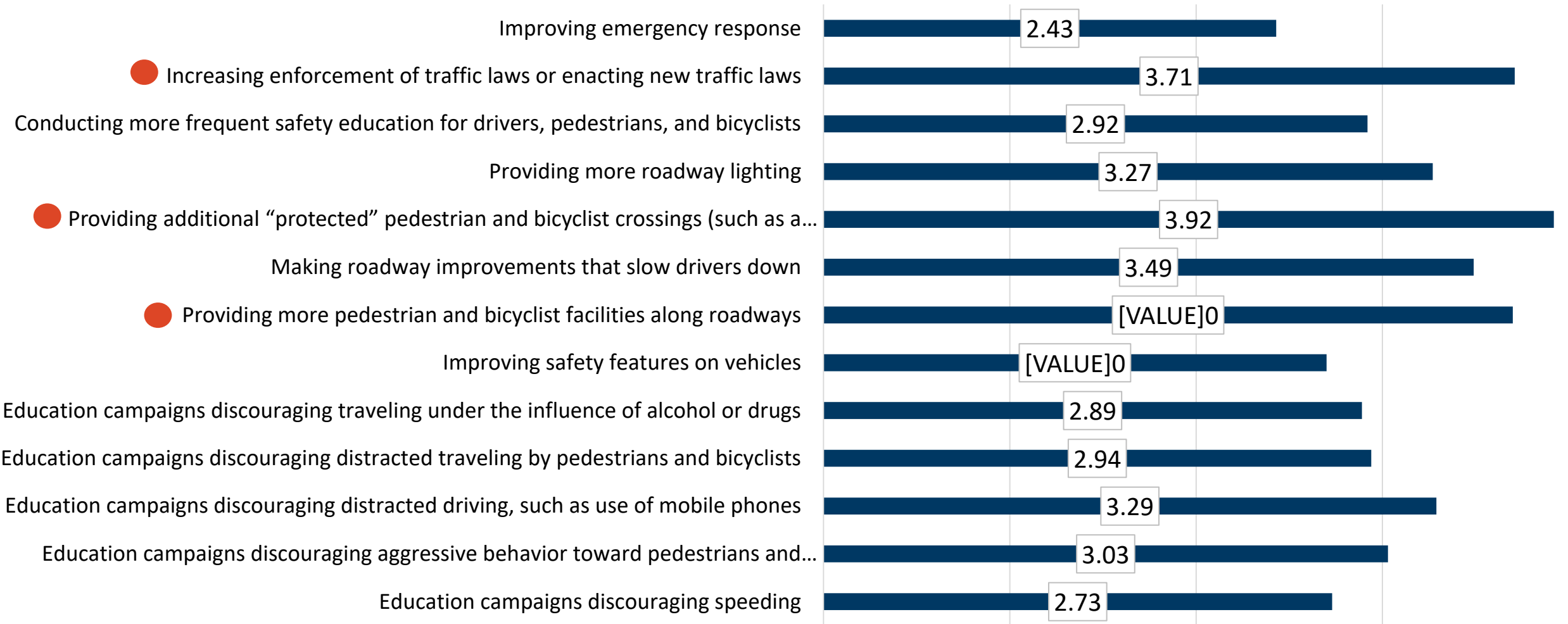
Survey: Factors Causing Increase in VRU Fatalities

Significant Factors of Increasing Vulnerable Road User Fatalities



Survey: Strategies To Improve VRU Safety

Strategies to Improve Vulnerable Road User Safety

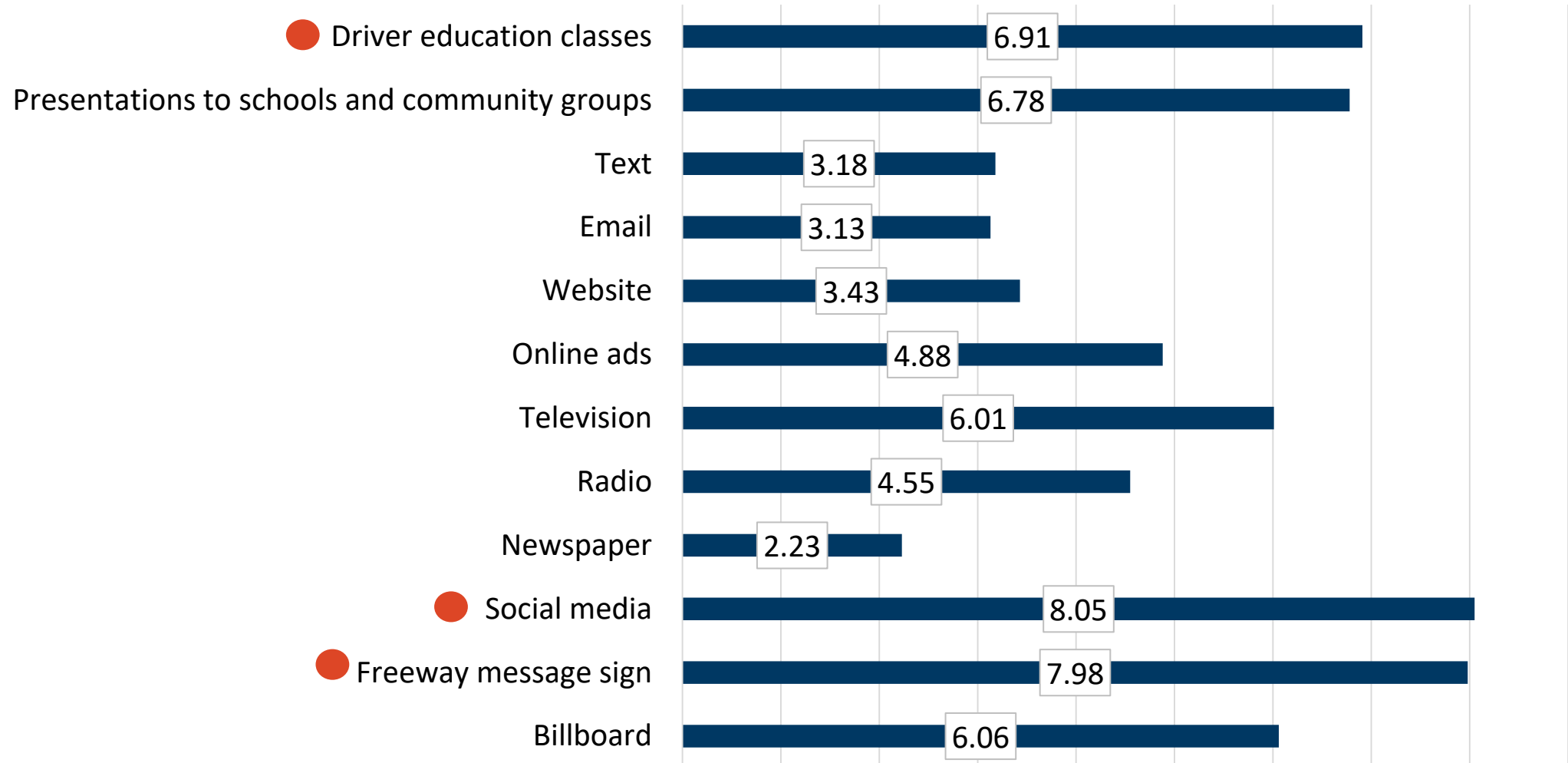


Survey: Effectiveness in Educating Travelers About Safety (Ranking)



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Most Effective Ways to Educate Travelers About Safety



Survey Response Summary

Causes of Fatalities

- Human behavior was ranked highest for all traffic and VRU.
 - Aggressive behavior, distraction, and speeding
 - Followed by inadequate/unsafe crossings for VRUs

Strategies to Improve Safety

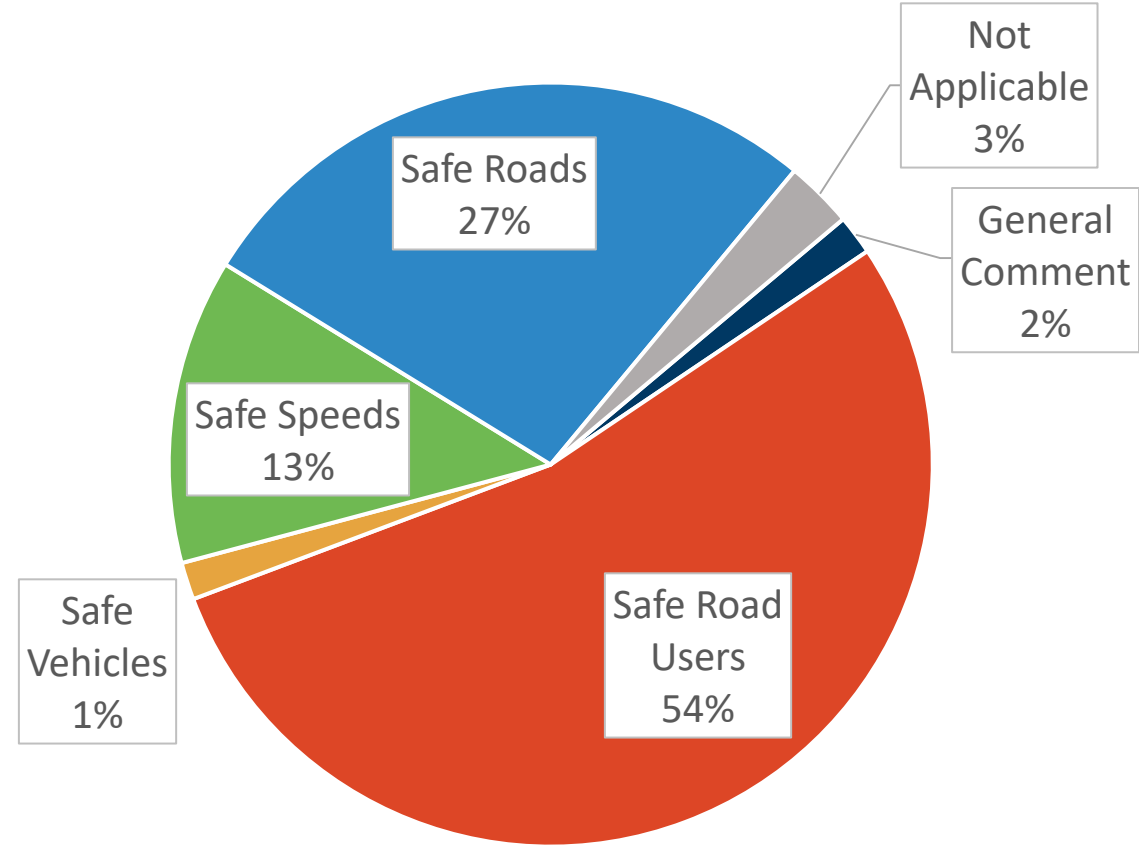
- Increased enforcement of existing traffic laws and/or new laws
- Additional protected VRU crossings and more facilities along roadways

Outreach/Education Delivery Method

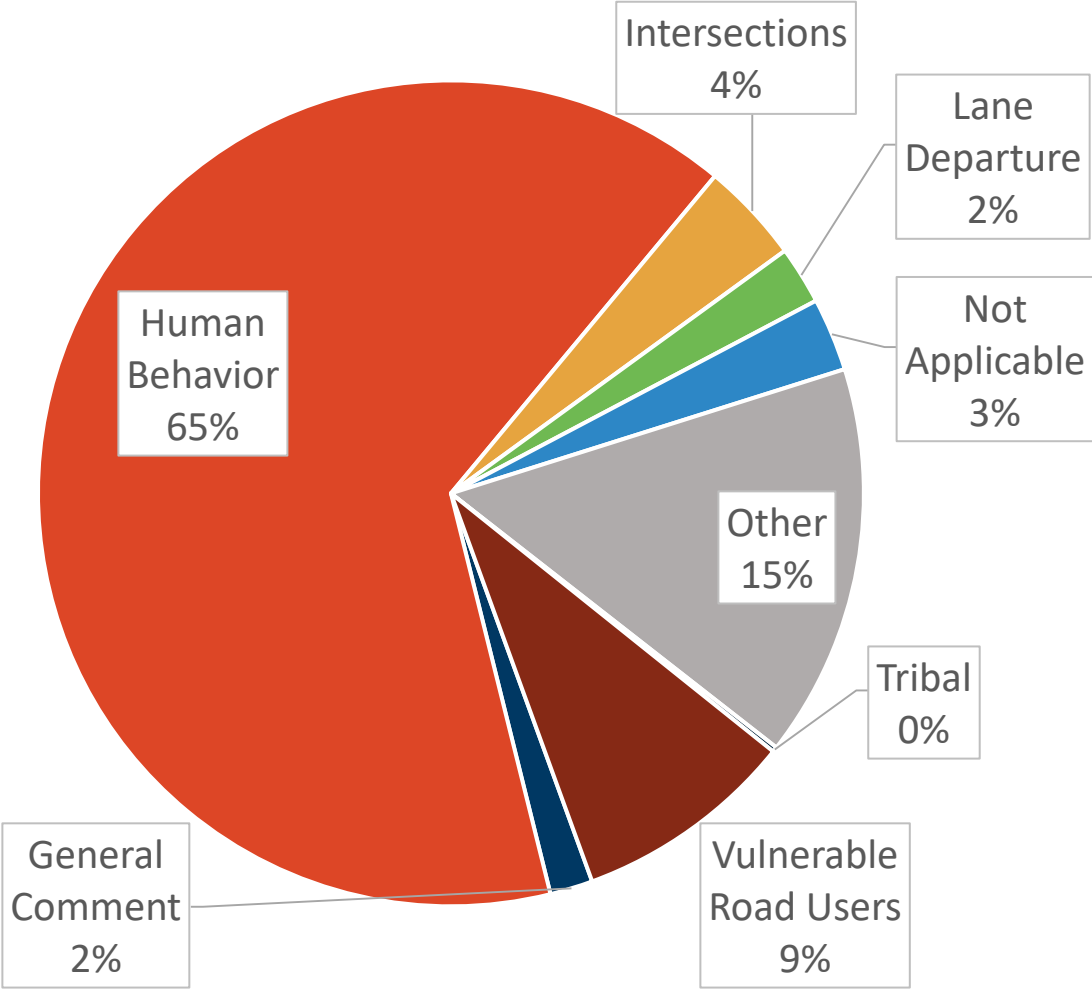
- Social media, freeway message signs, and driver education classes

Frequent Safety Action Plan Responses

Vision Board Responses by Safe System Approach Category



Vision Board Responses by Safety Focus Area

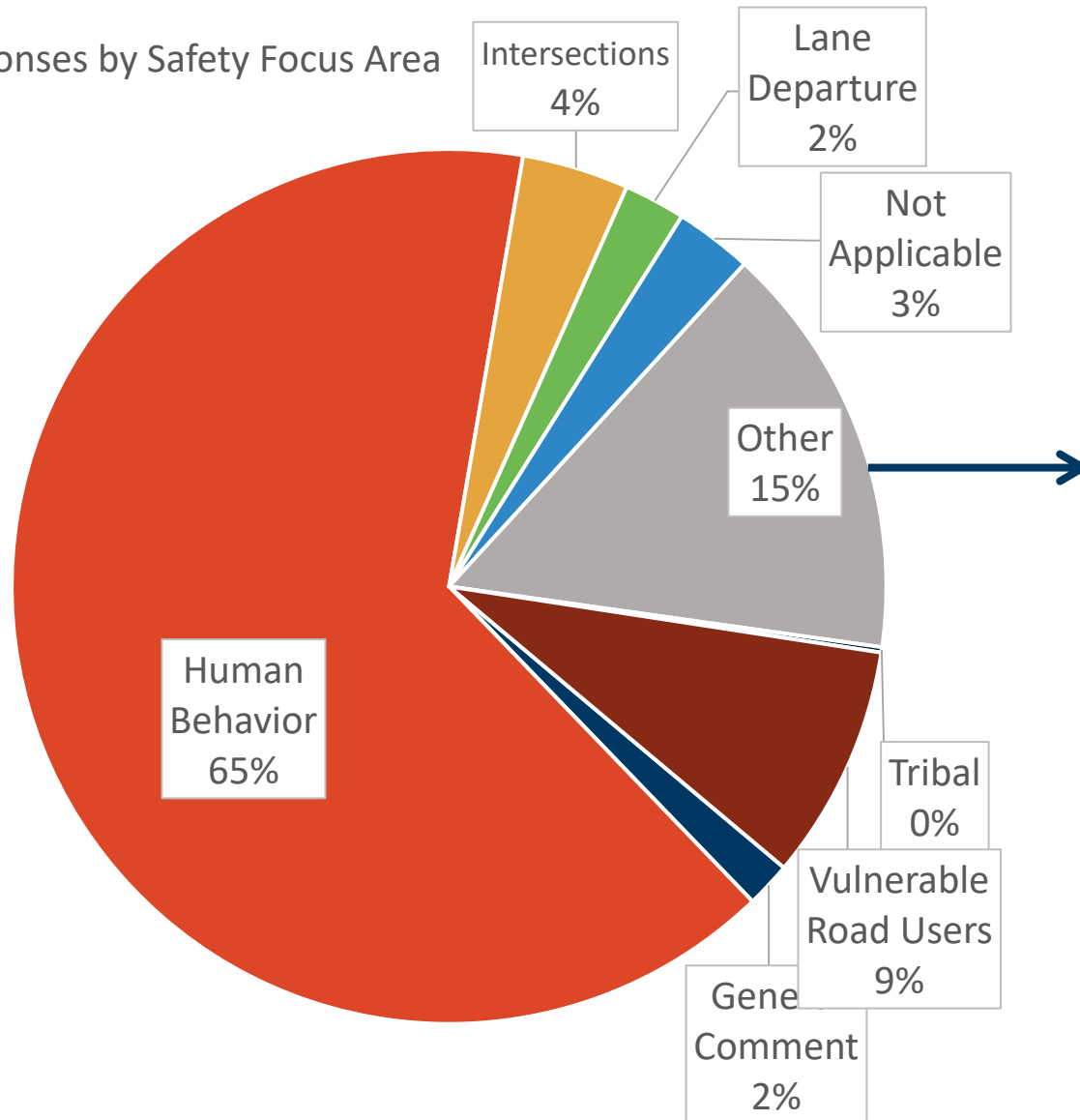


Frequent Safety Action Plan Responses

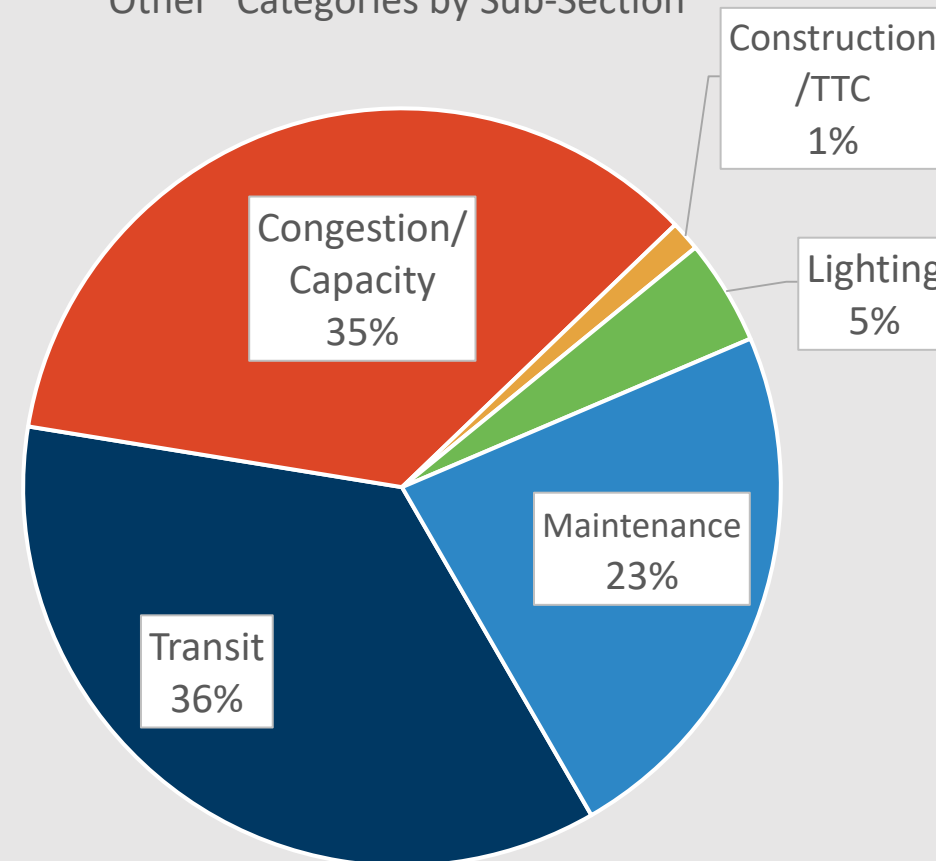


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Responses by Safety Focus Area



"Other" Categories by Sub-Section



Public Meetings

Location	Phoenix	Flagstaff	Tucson	Virtual
Date	4/30	5/2	5/7	5/9
Attendance (Non-SHSP Team)	20	18	11	115
Attendee Representation (In addition to general public)	Fort Yuma Quechan, MAG, City of Scottsdale, Urban Phoenix Project, Students (ASU)	Zuni Tribe, Navajo County, Yavapai County, Coconino County, Flagstaff, Sanders, MetroPlan	Governor's Office Southern AZ,	Injury Attorneys, Engineers

Public Meeting Takeaways

- Attendees made frequent comments regarding observed **human behaviors**
 - Unsafe driving
 - Unsafe speeds
 - Aggressive behavior
- Attendees often had comments on **safe road** strategies
 - Additional striping
 - Additional signage
 - Protected infrastructure for VRUs
- Attendees said that there was a desire for more frequent **maintenance**
 - Focused on areas with construction and tribal and rural areas.

Stakeholder Outreach Summary

Stakeholder Safety Workshops

Location	Phoenix	Flagstaff	Tucson	Virtual
Date	4/16	5/2	5/7	5/14
Attendance (Non-SHSP Team)	28	21	11	70
Format	5 rotating groups with stationary facilitators	4 rotating groups with stationary facilitators	1 stationary group with rotating facilitators	5 stationary virtual groups with rotating facilitators
Agencies Represented (Non-ADOT)	GOHS, FMCSA, NHTSA, FHWA, Ak-Chin, MAG, SCMPO, NACOG, Maricopa County, Mesa, Scottsdale, Glendale, Goodyear, Superior, Tempe, Phoenix, Chandler, Consultants	AZ State Transportation Board, Navajo DOT, Cameron First Responders, MetroPlan, NACOG, NAU, Banner Health, Coconino County, Flagstaff, Buckeye	FHWA, PAG, CAG, Pima County, U of A, Marana, DUID Victim Voices	DHS, Hualapai, Hopi, SRPMIC, IHS, AZ Corp. Commission, MAG, PAG, Counties (Yuma, Graham, Cochise, Coconino, Pinal, Gila, Mohave, Maricopa, Yavapai), Prescott, Prescott Valley, Coolidge, Yuma, Avondale, Payson, Safford, Somerton, Phoenix, Tempe, Mesa, Gilbert, Glendale, Sierra Vista, Pinnacle Prevention, Consultants

Workshop Input: Key Takeaways

Safe Roads

- Improve lighting
- Separate users

Safe Road Users

- Targeted education
- More frequent enforcement

Safe Speeds

- Automated enforcement
- “Self-enforcing” road design

Safe Vehicles

- Improved safety features in vehicles
- Improved vehicle maintenance

Post-Crash Care

- Improved crash data recording and sharing
- Promote traffic incident management (TIM)

Planned Stakeholder Engagement

State/Local Elected Officials

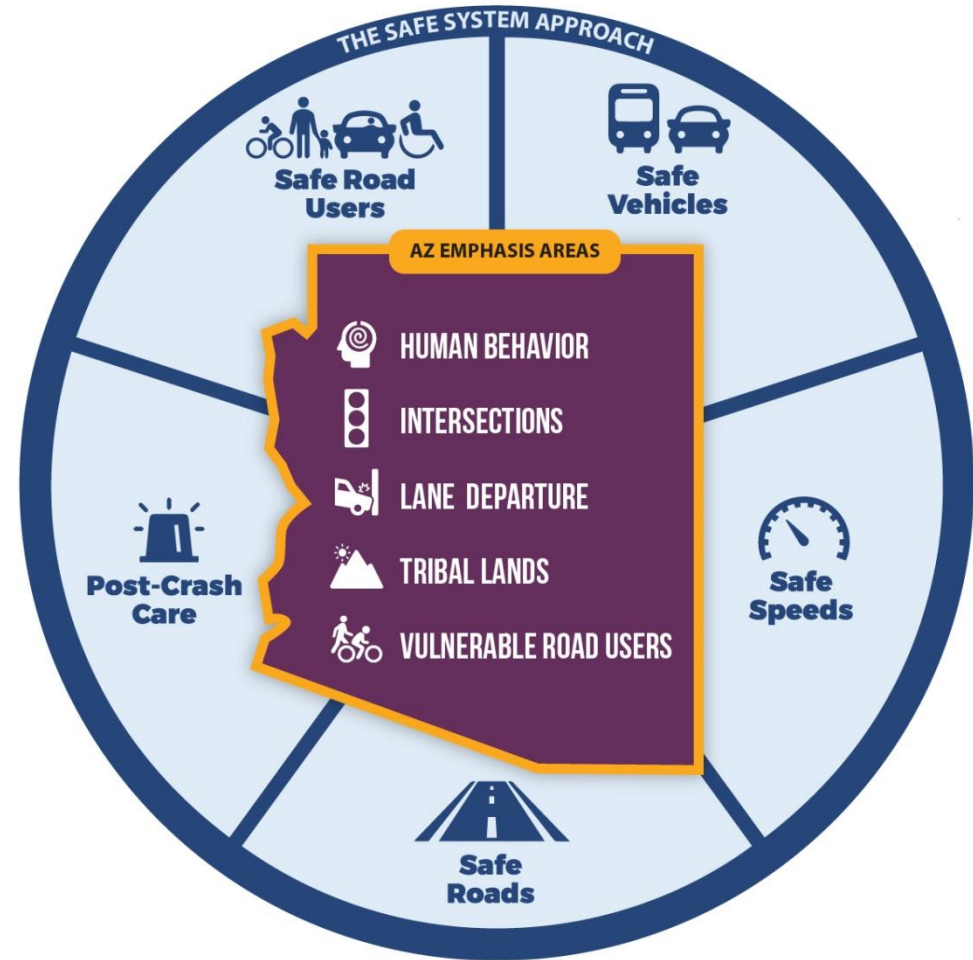
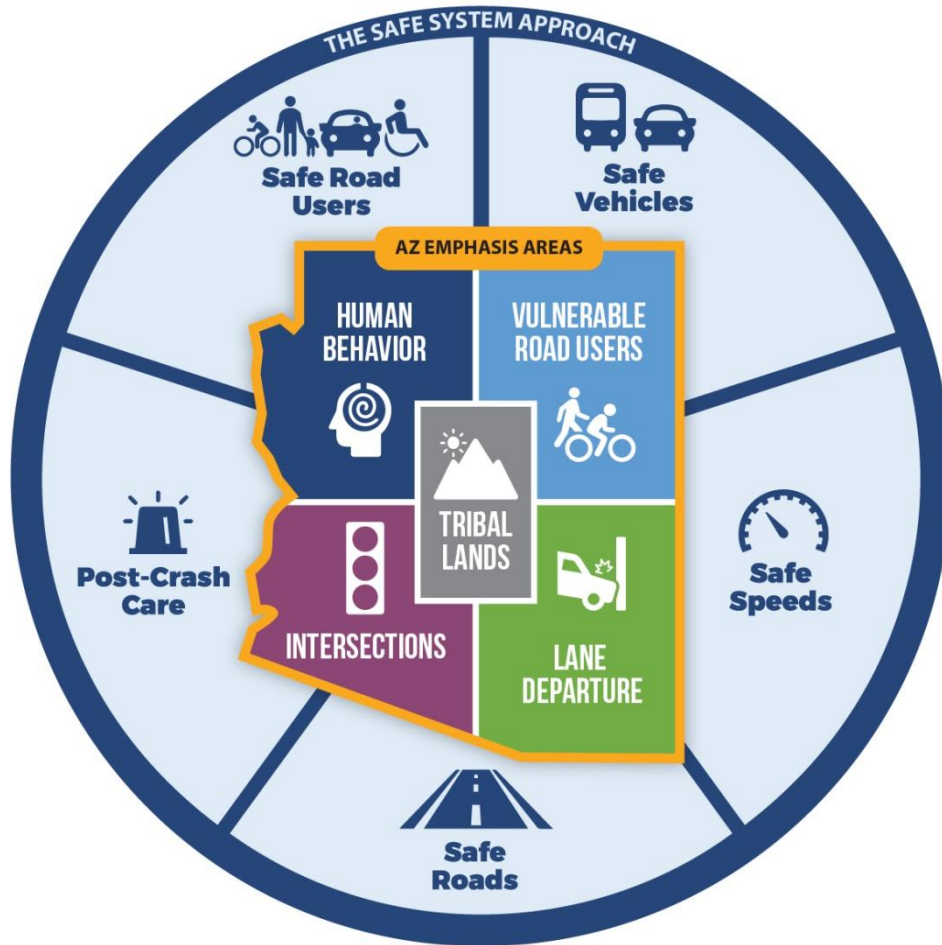
- Prepare fact sheet and talking points summarizing SHSP and ATSAP
- ADOT Government Relations staff to meet individually with state legislators and other elected officials
- July/August timeframe

Letters of Commitment

- Request letters of commitment from local agencies, tribes, and non-profits for SHSP and ATSAP priorities and strategies (September timeframe)

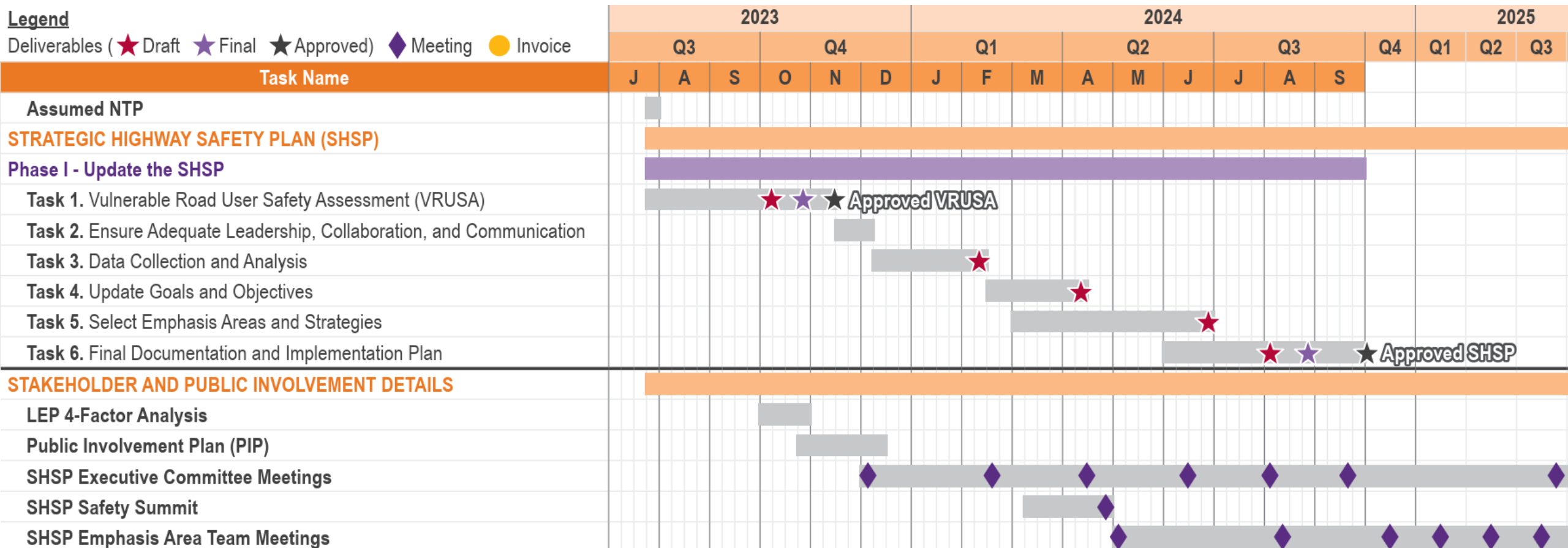
Emphasis Areas

Emphasis Areas – 2 Display Options



Next Steps

SHSP Schedule



Next Steps

- Future Executive Committee meetings:
 - July – no meeting; email summary of progress
 - August 7, 2024, 9am - in-person
 - September 4, 2024, 9am - virtual
 - October 2, 2024, 9am - in-person
- Develop draft strategies for Emphasis Areas
- Organize Emphasis Area teams and present draft strategies
- Continue stakeholder engagement/coordination
- Develop draft SHSP document

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**Thank
you!**