Arizona Tribal Transportation and Injury Prevention Summit Focus Area 2A

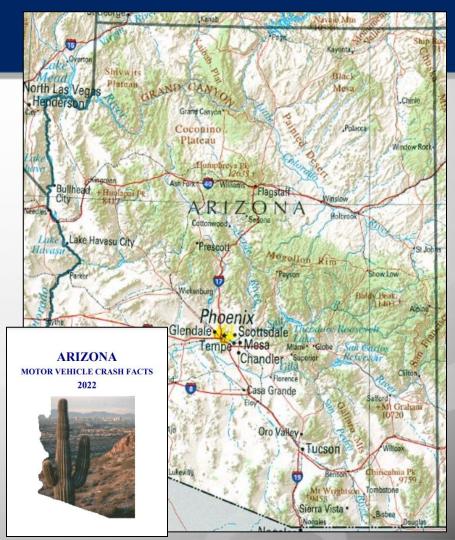
#### ADOT

## Safety Analysis and Strategy Identification

Moderator: Kerry Wilcoxon, PE. PTOE, RSP<sub>1</sub> ADOT Traffic Safety August 10, 2023

#### ADOT

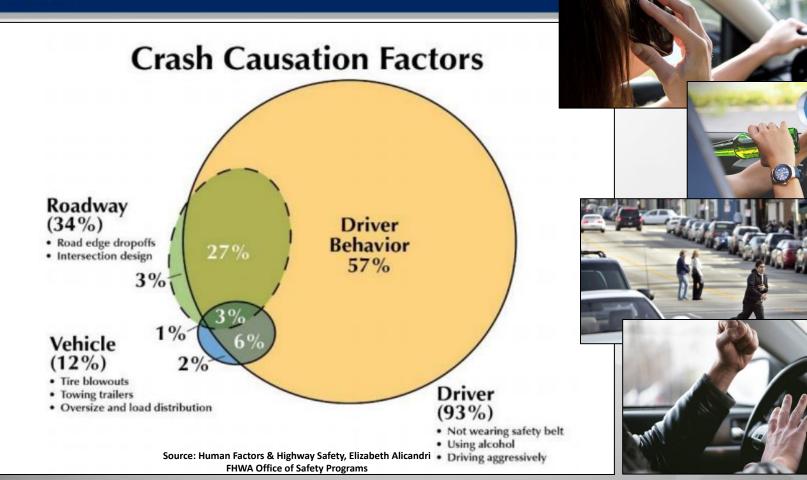
#### **2022** Traffic Fatalities 1288 Deaths\* **9% Higher than 2021** Highest number since 2006 Most Severe Types - Angle, left turn and pedestrian crashes Most Common Causes -Speed-Too-Fast and \*2022 data as of 8/7/2 Failure-to-Yield











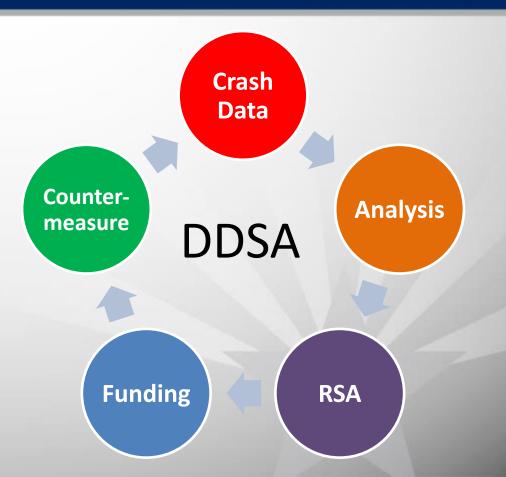
#### ADOT

## Data Driven Safety Analysis

Scientific method of collecting information, analyzing data and making testable decisions based on the results

#### Benefits

- Informed Decision-Making
- Targeted Investment
- Improved Safety

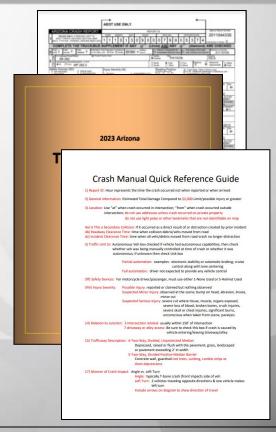




### Crash Data

ADOT develops Arizona Traffic Crash Form and Instruction Manual

- Reports submitted to ADOT by law enforcement agencies across the state
- Crash data entered into statewide crash database
  - No Personal Identification Information (PII) entered
- Database screened annually to identify high fatal and serious injury hot spots



https://azdot.gov/business/transportation-systems-management-an d-operations/operational-traffic-safety/arizona-crash



## Analysis

(Arizona Crash Information System)

Statewide database of all traffic crash reports geo-coded to roadway system

- Allows Statewide Network Screening
- Screening by agency, region, segment or intersection
- Production of maps, charts and dashboards



Database contains NO personal identifying information (PII)



### Road Safety Audits (RSA)

- RSAs performed on crash hotspots throughout the system
- RSA teams:
  - Investigate problem
  - Develop solutions
  - Recommend countermeasures
  - Develop preliminary cost estimates for countermeasures





#### FEDERAL HIGHWAY ADMINISTRATION



ARIZONA HIGHWAY SAFETY IMPROVEMENT PROGRAM MANUAL

> Arizona Department of Transportation rransportation Systems Management & Operations Group Traffic Safety Section May 2015 (Revised February 2017)

> > ΛΟΟΤ

#### Funding

Federal, state and local safety funding opportunities

- Usually require Benefit-Cost analysis
- Some programs require local match
- Countermeasures must address fatal and serious injury crashes
- Tribal projects usually very competitive

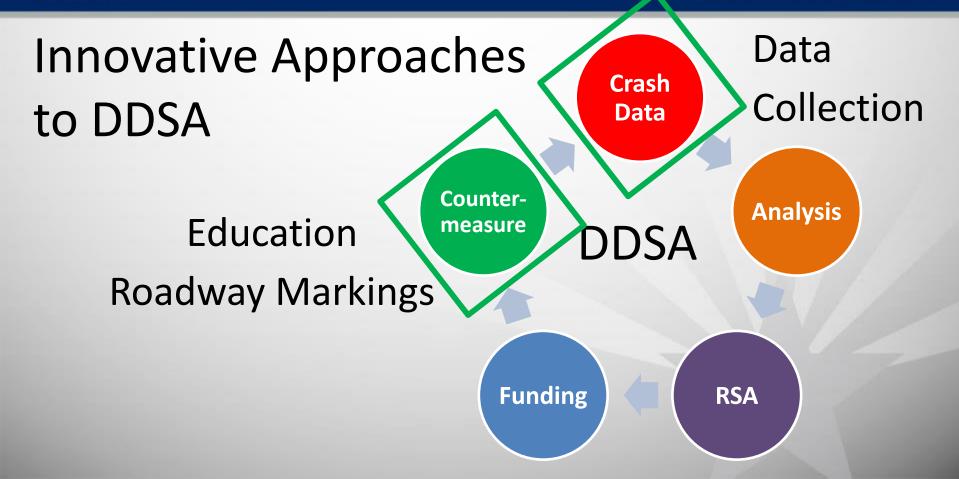


#### Countermeasures



#### Is There More We Should Be Doing?







## **Today's Presentations**

Alcohol Awareness Class for Teens - Training Resource for Tribes

• Sgt. Dan Webb, Arizona Department of Liquor Licensing and Control

Traffic Safety Ingenuity

- **Steve Latowski**, Director, Mohave County Public Works NHTSA Tribal Crash Reporting Toolkit and Analysis and Funding
- Adam Larsen, Safety Program Manager, FHWA Office of Tribal Transportation Specialist



# **Thank You!**

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