A Human Factors
Approach to
Traffic Safety
Campaigns





Meeting Agenda

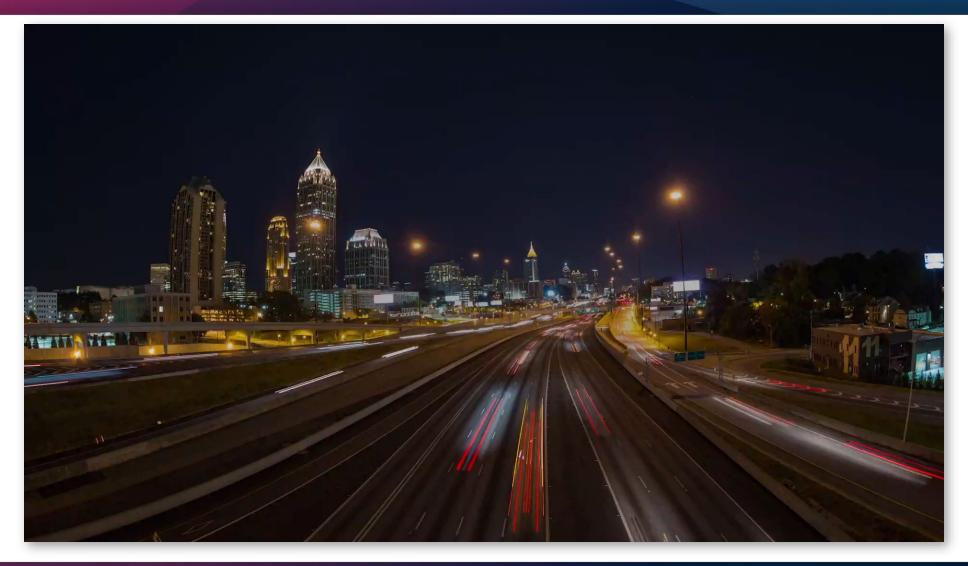


- Florida's Strategic Highway Safety
 Plan and Vital Few Focus
- Safety Campaign Overview and Approach
- Campaign Schedule and Partner Engagement



Florida's Mission: Target Zero

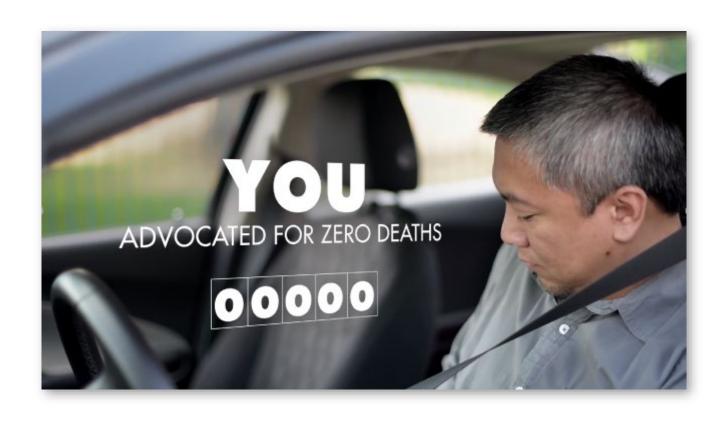




Introductions



- Name
- Agency
- What is your role in safety?









The Challenge

Changing Behavior | Saving Lives



On Florida's roads...







Daily Serious Injuries

... but even one life lost is too many.

Florida Strategic Highway Safety Plan FDOT











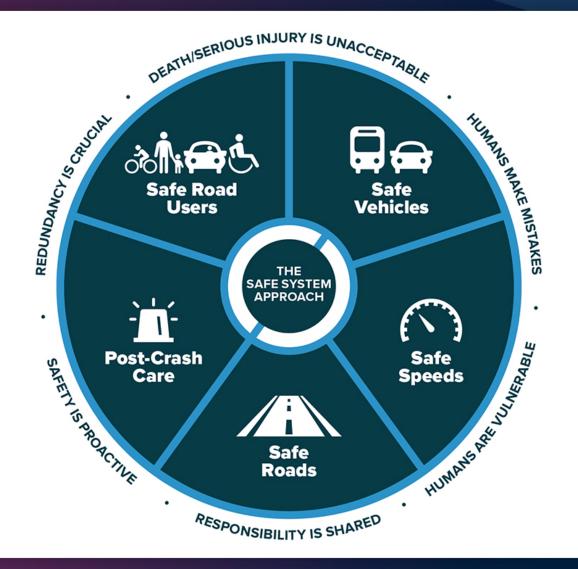




INTERSECTIONS

FHWA: The Safe System Approach





Influencing Safe Behavior



The 2021 Strategic Highway Safety Plan (SHSP) acknowledges crashes rarely have a single contributing factor. The plan outlines strategies to address high-priority issues facing the transportation system, including:

Roadways:

Lane departures; and



Intersections.



Road Users:

Pedestrian and bicyclist safety;



- Aging road users;
- Motorcyclists and motor scooter riders;
- Commercial motor vehicle operators; and
- Teen drivers.

User Behavior:

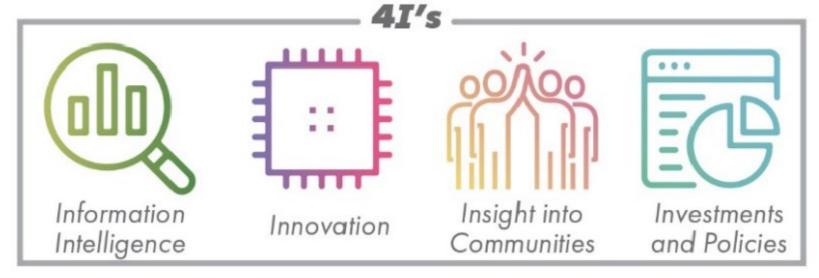
- Impaired driving;
- Occupant protection;
- Speeding and aggressive driving; and
- Distracted driving.

4 Es and 4 Is of Traffic Safety





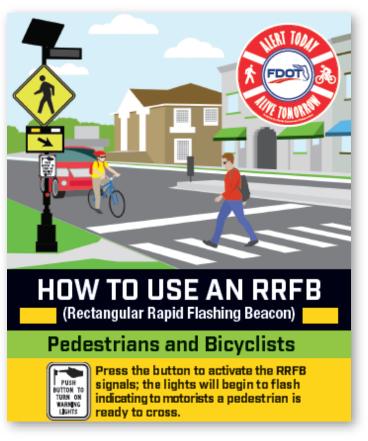




Engineering Education

















The Objective

Changing Behavior Saving Lives



Identify behaviors contributing to serious and fatal crashes, and the reasons for those behaviors.

Influence safe behavior.

Partner Input



- Using your mobile device, access the QR code on the next slide.
- Q: Think of a marketing campaign or campaigns that caused you to change your perception or behavior.
- They can be
 - Safety campaigns, for example: Click It or Ticket, or Drive Sober or Get Pulled Over
 - Public service campaigns, for example:
 Smoky the Bear, or Tips from Former Smokers
 - Commercial campaigns, for example:
 Got Milk? or Like a Girl

slido

Think of a marketing campaign that caused you to change your perception or behavior.

i Start presenting to display the poll results on this slide.

Marketing for Behavior Change



Thinking about the campaign(s) you named:

- Where did you see it?
- Why did it resonate with you?
- How did it influence your behavior?
- How can this safety campaign maximize the effectiveness of public engagement on transportation safety?

Behavior Change and Social Marketing



- Changing behavior requires a better understanding of why people behave the way they do, how people change and how to help people in their efforts to change.
- Social marketing is the application of commercial marketing principles to change behavior, increase use of a product or increase access to services.
 All of this is done for the good of the individual and society.



Behavior Change in Practice











Safety Campaign Approach

Campaign Approach Summary



- Goal = Changing Behavior | Saving Lives
- Root cause data analysis = what, where and who
- Assess previous campaigns = effectiveness and best practices
- Human data analysis = why and how
- Create engaging campaign = content and media
- Execute the campaign
- Measure the effectiveness = outputs and outcomes
- ... and repeat.



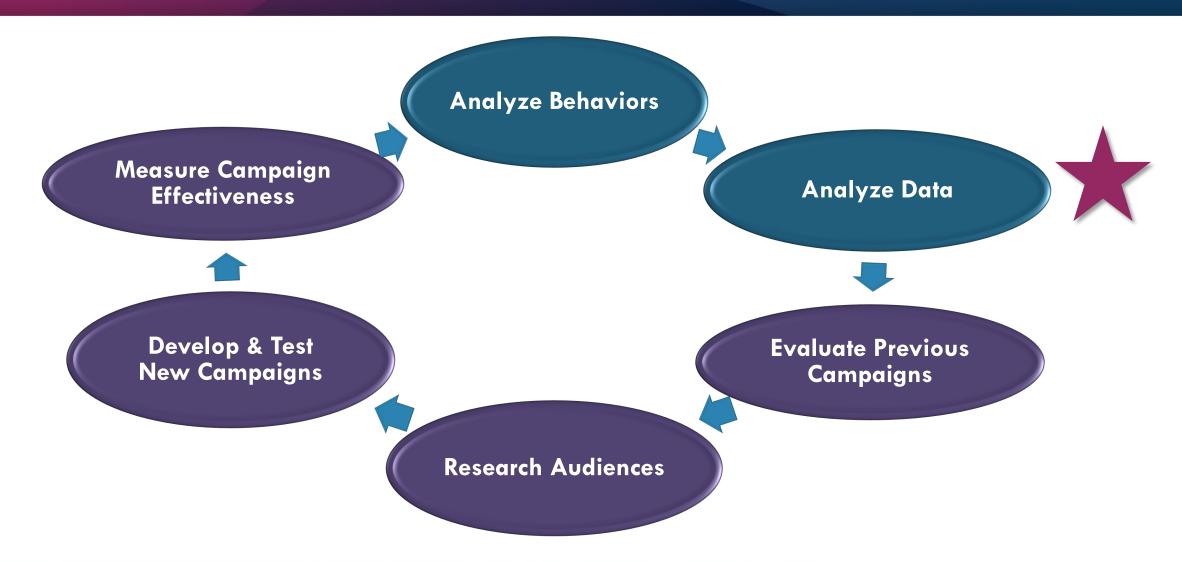




Root Cause Analysis

Campaign Approach





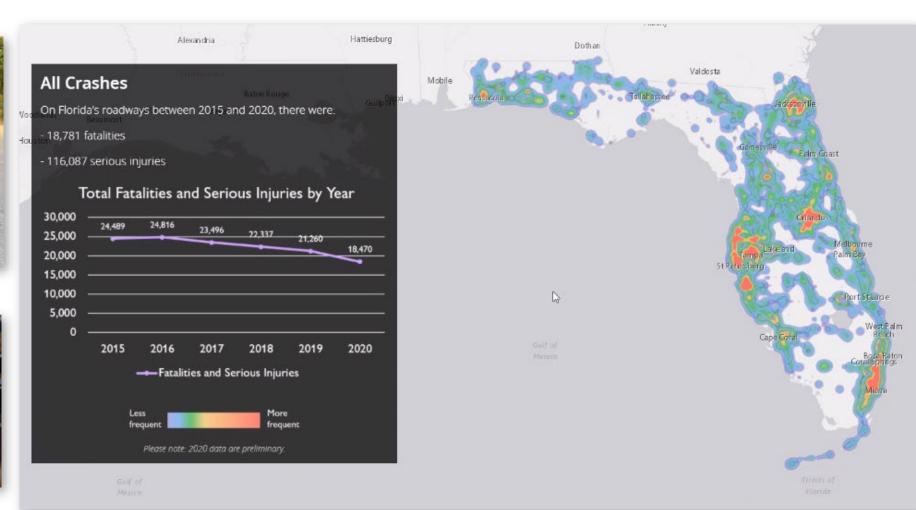
Root Cause Analysis















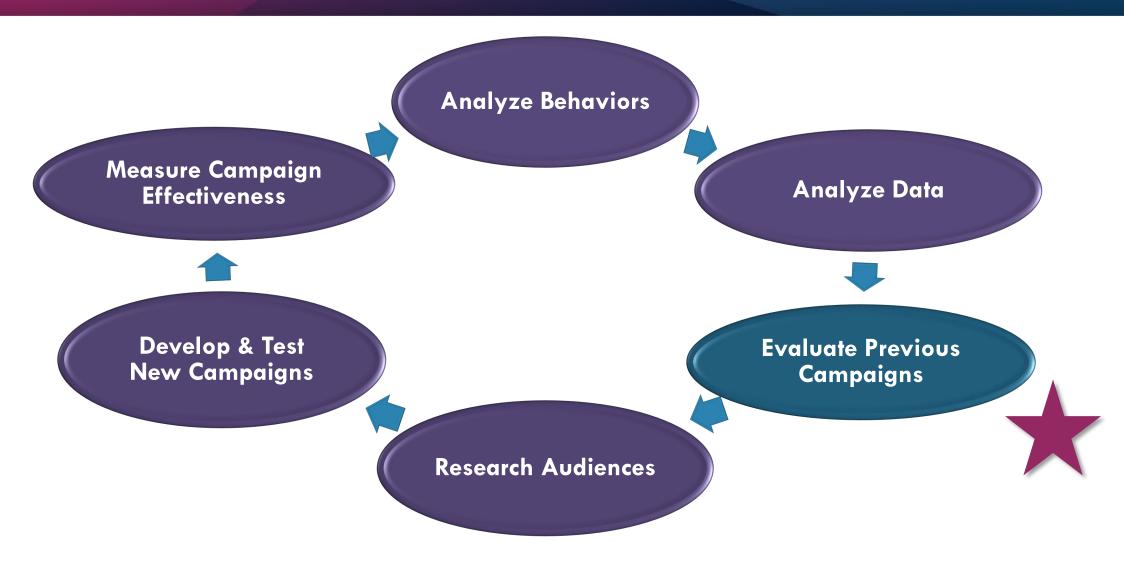


Florida Campaigns and Industry Scans

Evaluating the effectiveness of current safety and messaging efforts

Campaign Approach





Evaluation of Existing Florida Safety Campaigns













DRIVE SAFEFLORIDA'S FUTURE DEPENDS ON IT.

FDOT

























Evaluation of Effective Campaigns

















Industry Scan + FDOT Campaigns

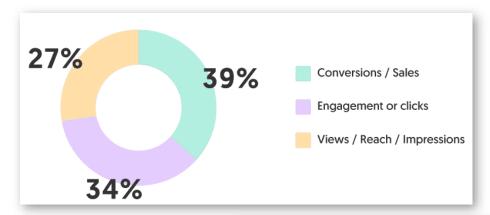




Three Ways of Measuring Success













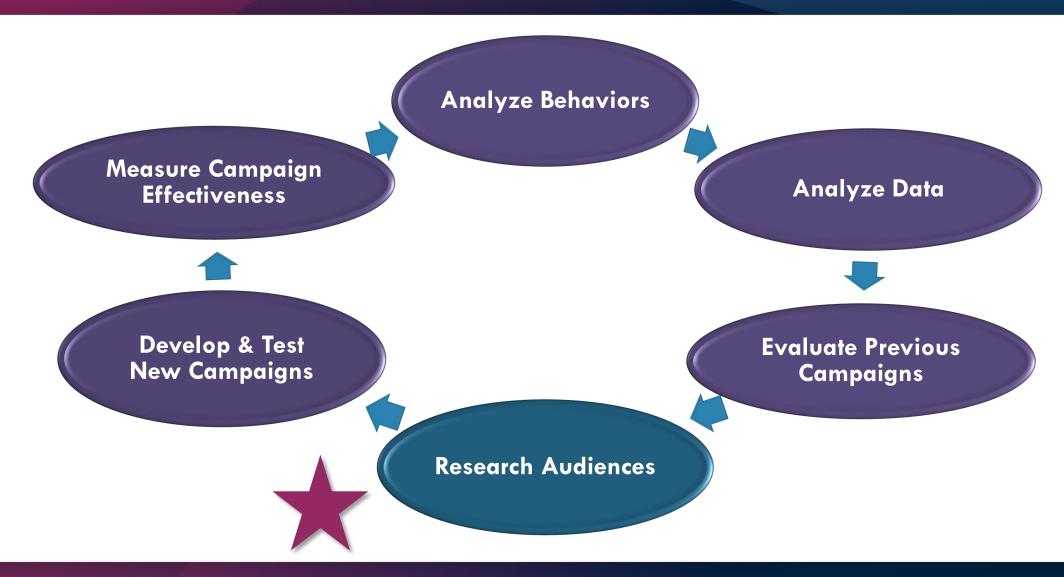




Audience Research

Campaign Approach





Audience Segmentation and Focus Groups

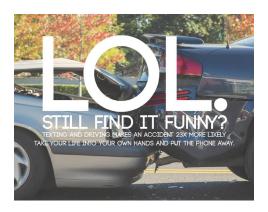


Influential Messages Are Not One-Size-Fits-All

- Reasons for safe and unsafe behaviors
- Attitudes regarding transportation and safety
- Value systems/motivators
- Test current messages









Persona



Name: Elyse

• Age: 28

Gender: Female

Location: Flagler Beach

Activities and interests

Waitress

Dog rescuer (pitties)

Cooking and baking

Homebrewing beer

Drawing and painting

Board games

Eating out

• Vintage TV shows (80s and 90s)

Disney movies

• Electronic dance music (EDM) fan

• Minor league hockey fan

Traveler



• Income: \$28,000 annually

• Education: A.A. degree, general studies

Housing: 1-bedroom apartment

Goals in life

Short-term:

• Earn a bachelor's degree in counseling

Find a larger apartment closer to the beach

Pay off her car

• Get out of the service industry

Long-term:

• Earn a master's degree in psychology

Become a school counselor

Marry her boyfriend/ start a family

Move to Tennessee

• Buy a house with a big yard

• Rescue more dogs

What Would Elyse Say?



Thinking about the campaign(s) you named earlier:

- Why would they resonate with Elyse and what behavior would she change?
- Relating this persona to our goals:
 - What prevents Elyse from driving safely?
 - What would motivate Elyse to drive safely?

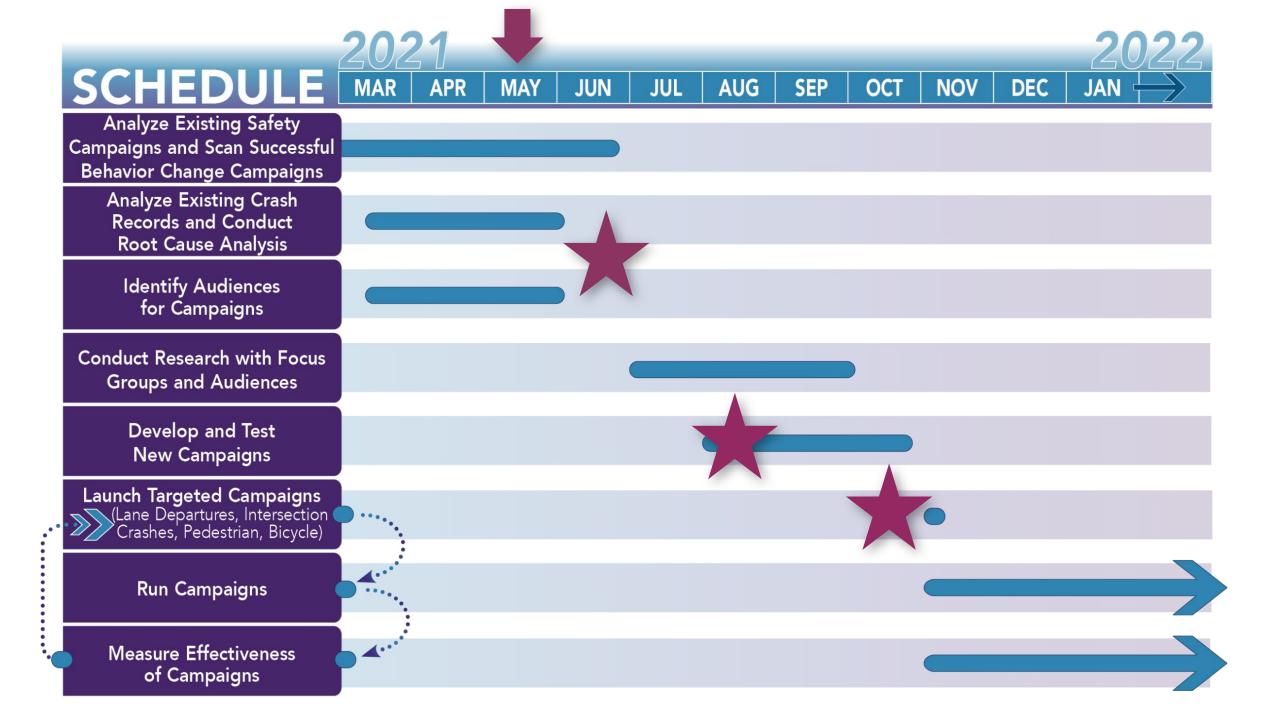








Partner Engagement









Identification of Related Partner Efforts







General Discussion

Safety Moment





DO SOU RIDE SMART?

- Say no to drinking and riding
- Make yourself more visible to motorists
- Always wear your helmet when you ride
- Ride in control (within legal and personal limits)
- Train regularly and get endorsed

www.RideSmartFlorida.com

Funded by the Florida Department of Transportation

Thank You!



Brenda Young, P.E., CPM

State Safety Engineer

Florida Department of Transportation

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How May We Support You?





https://www.fdot.gov/safety/safetyengineering/safetyengineering.shtm



Together Toward Zero