

**New Mexico DOT  
SHSP Interagency Working Groups (IAWG)**  
Meeting 4 – Road/Lane Departure: Part 1  
June 11, 2025



## Housekeeping notes

- Meeting is being recorded
- Please keep yourself on mute when not speaking to avoid background noise
- Video off unless speaking
- The meeting is expected to take 60 minutes; time for questions in the middle and end
- Chat is being monitored for questions
- Joining from a different Zoom account → message Richard
- Tech issues: please direct message Richard Perce in the Zoom chat or you can email at [richard@anthropop.com](mailto:richard@anthropop.com)

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## Agenda (60 min)

Recap from March 18<sup>th</sup> (8 min)

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Questions from the chat (5 min)

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Road/Lane Departure data categories (8 min)

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Breakout Instructions (3 min)

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Breakout rooms with Mural (25 min)

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Next steps (3 min)

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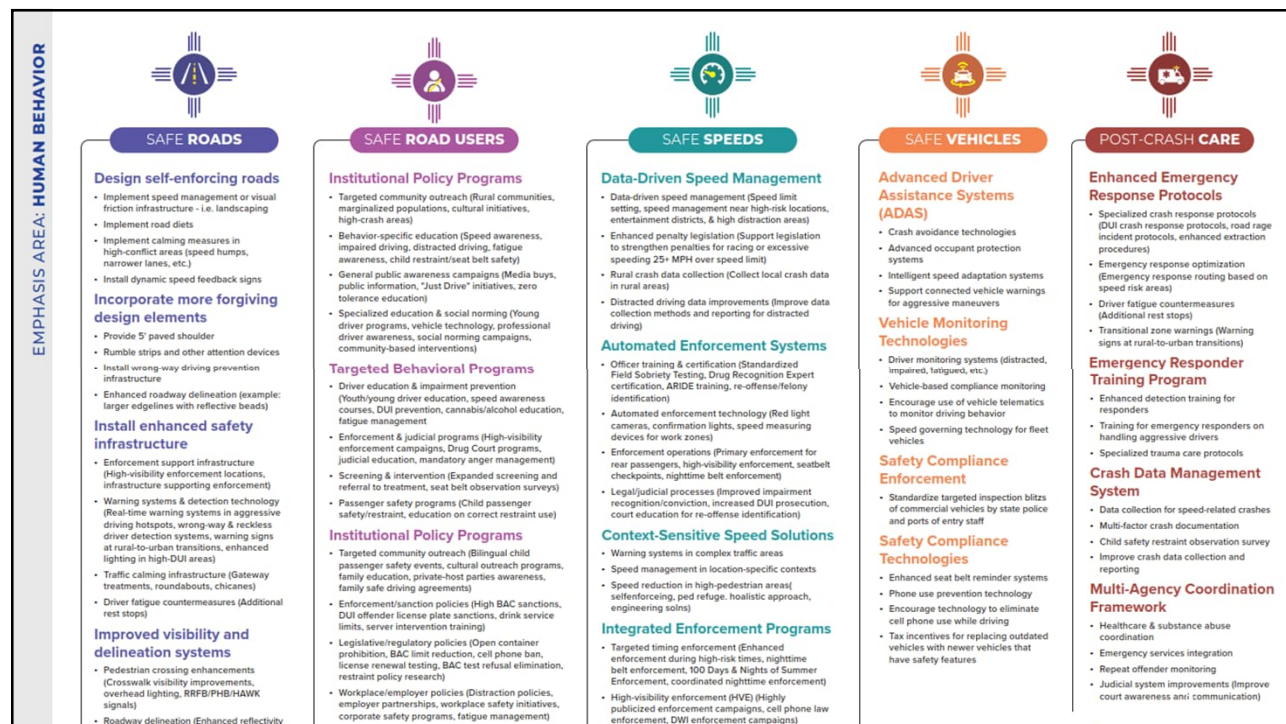
Q&A (8 min)

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## Recap from 3/18/2025 meeting

- Review of Human Behavior categories
  - Impaired, distracted, sleepy/fatigued, speed/aggressive, no safety restraint, older, younger
- Safe System Approach and Design Hierarchy
- Mural – implementation countermeasures

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## NMDOT SHSP website

We need your help! Here are a few ways for people to get involved:

- Official sign-up for IAWG
- Attend meetings and join us at local events
- Past meeting materials posted
- Updated VRU report

<https://newmexicodotshsp.com/>

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**Questions from the chat...?**

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### Emphasis Areas from 2021 SHSP

| Safety Emphasis Area*       | % Fatalities in New Mexico<br>(2,208 total from 2019-2023) | % Serious Injuries in New Mexico<br>(5,349 total from 2019-2023) |
|-----------------------------|------------------------------------------------------------|------------------------------------------------------------------|
| Impaired Driving            | 55.9%                                                      | 18.6%                                                            |
| No Use of Safety Restraint  | 51.3%                                                      | 27.3%                                                            |
| Roadway Departure           | 41.5%                                                      | 35.2%                                                            |
| Speed/Aggressive Driving    | 41.2%                                                      | 46.0%                                                            |
| Distracted Driving          | 38.5%                                                      | 44.5%                                                            |
| Pedestrian Involvement      | 21.5%                                                      | 9.5%                                                             |
| Heavy Vehicle Involvement   | 17.6%                                                      | 10.1%                                                            |
| Older Driver Involvement**  | 16.3%                                                      | 16.6%                                                            |
| Young Driver Involvement**  | 14.7%                                                      | 18.7%                                                            |
| Motorcycle Involvement      | 12.2%                                                      | 13.5%                                                            |
| Tribal Lands                | 11.3%                                                      | 7.4%                                                             |
| Intersection Related***     | 11.1%                                                      | 18.3%                                                            |
| Inclement Weather           | 8.9%                                                       | 10.9%                                                            |
| Sleepy/Fatigued Driving     | 1.9%                                                       | 2.4%                                                             |
| Bicyclist Involvement       | 1.8%                                                       | 2.2%                                                             |
| Transit/Bus Involvement     | 0.6%                                                       | 0.9%                                                             |
| Animal/Wildlife Involvement | 0.4%                                                       | 0.5%                                                             |
| Work Zone Related           | 0.2%                                                       | 0.2%                                                             |
| Rail Involvement            | 0.05%                                                      | 0.02%                                                            |

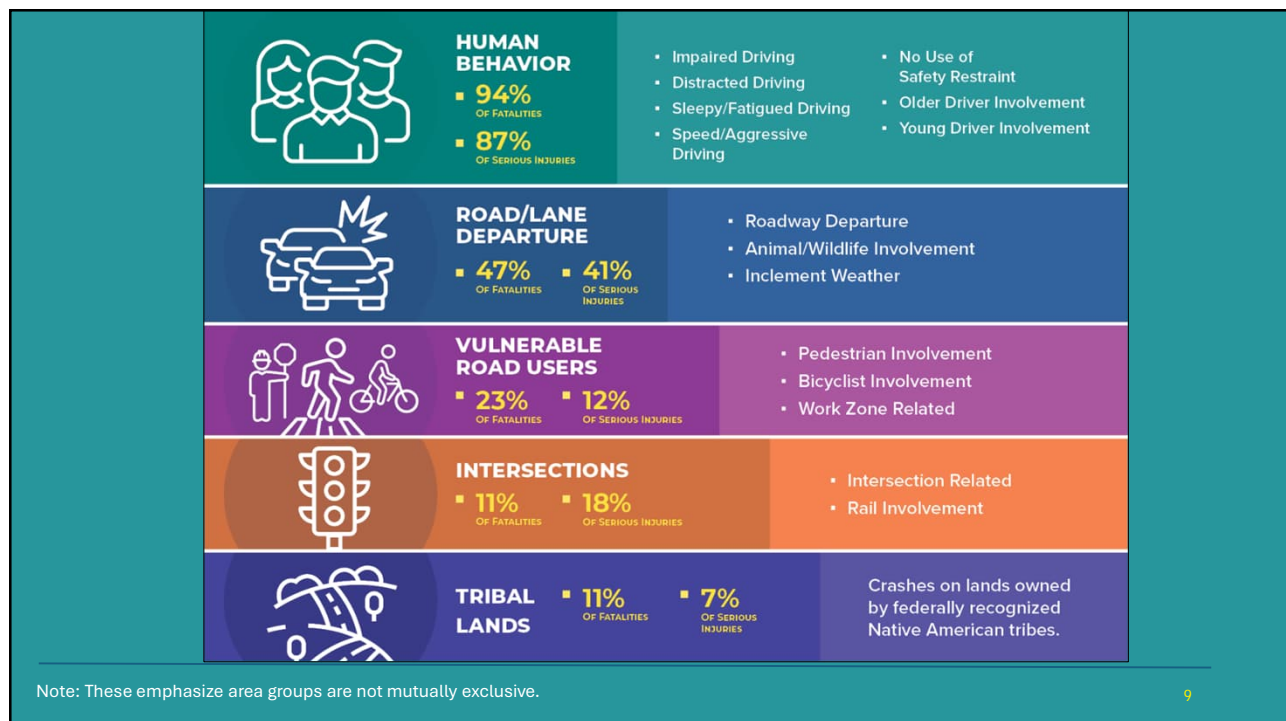
\*Multiple emphasis areas may be assigned to one crash - they are not mutually exclusive.

\*\*Older drivers are of age 65 and over. Younger drivers are of age 15-20.

\*\*\*Data on intersection related emphasis area is unavailable for 2019 crash data. Percentage may be underrepresented.

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## Definitions of road/lane departure data categories

(Total of fatalities and serious injuries = 3,230)

### Roadway Departure

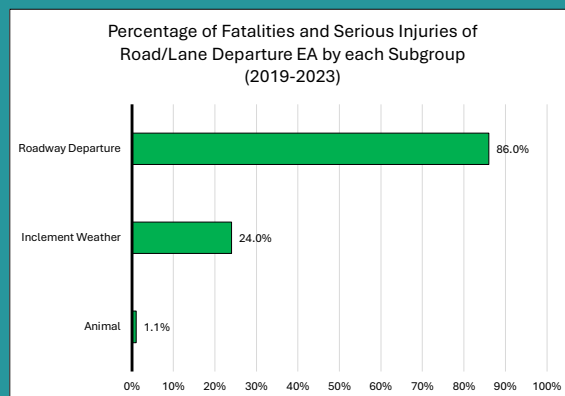
A crash that occurs after a vehicle crosses an edge line, road edge, or a centerline, or otherwise leaves the travel lane

### Inclement Weather

Any crash where any vehicle involved experienced adverse weather

### Animal

Any collision involving an animal-vehicle encounter

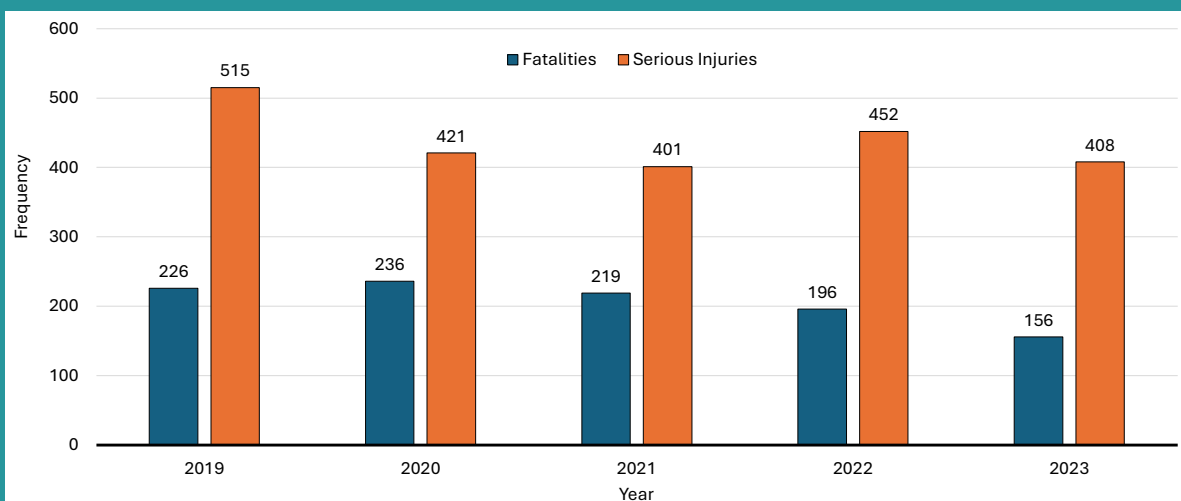


Note: The sum of these percentages exceeds 100% since individual crashes may be classified under multiple Road/Lane Departure subgroups - they are not mutually exclusive.

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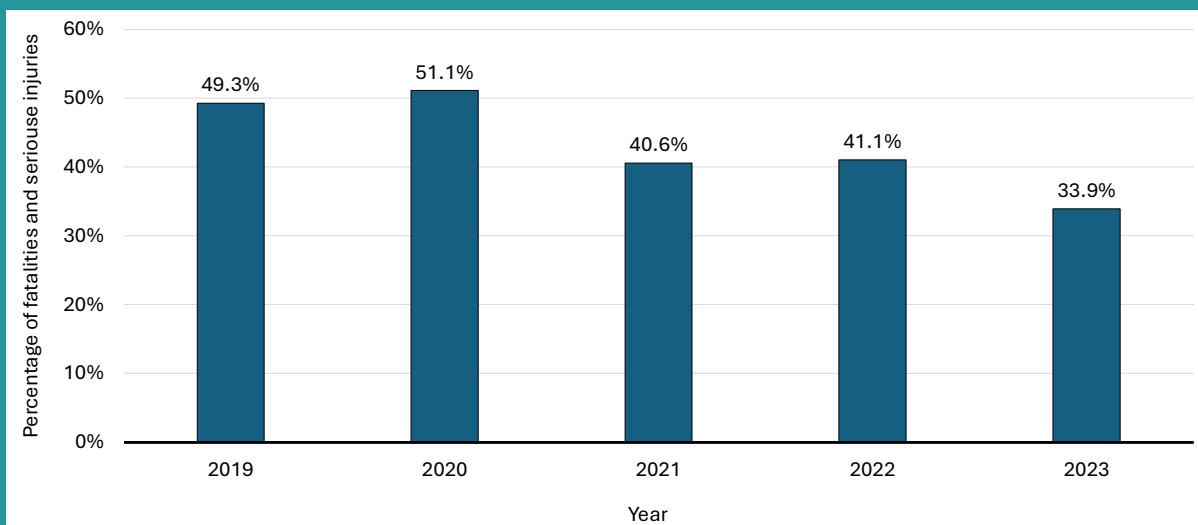
## Trend of Road/Lane Departure Data Categories - Frequency

(2019-2023; 1,033 total fatalities and 2,197 serious injuries)



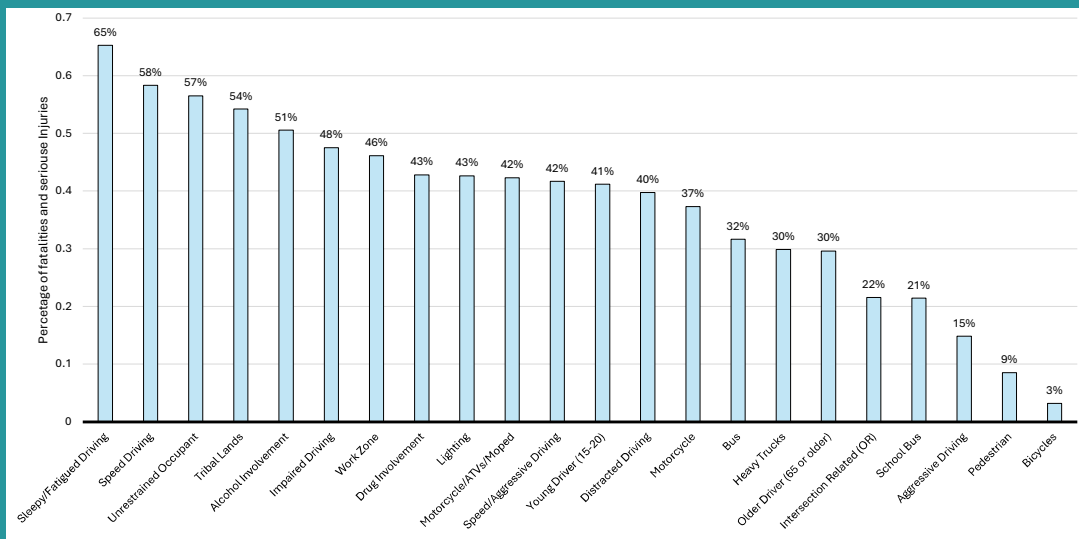
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### Road/Lane Departure Crash Fatalities and Serious Injuries as Percentage of All Fatalities and Serious Injuries per Year (2019-2023)



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## Overlap of Road/Land Departure Emphasis Area with other data categories

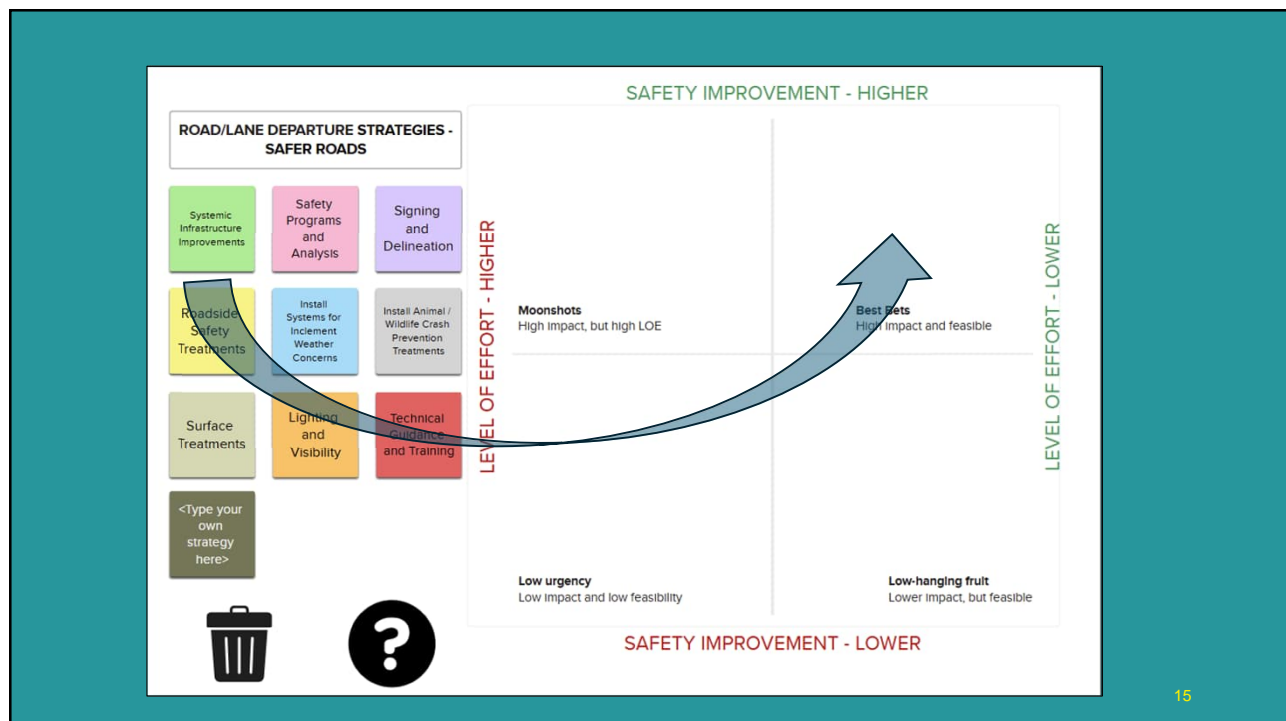








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## Discussion – Mural

- Share new or missing:
  - Strategies
  - Ideas
- Comprehensive approach
- Feedback will steer the implementation guide with specific countermeasures
  - High safety improvement + low LOE = more desirable
- Facilitator will insert Mural link in each breakout room for attendees to access the Mural.

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|-----------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <p>EMPHASIS AREA:<br/><b>ROAD/LANE DEPARTURE</b></p>  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |
| <p>STRATEGY</p>                                                                                                                         |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |
|  <p>SAFER <b>ROADS</b></p>                             | <ul style="list-style-type: none"> <li><input type="checkbox"/> Systemic Infrastructure Improvements</li> <li><input type="checkbox"/> Safety Programs and Analysis</li> <li><input type="checkbox"/> Signing and Delineation</li> <li><input type="checkbox"/> Roadside Safety Treatments</li> <li><input type="checkbox"/> Install Systems for Inclement Weather Concerns</li> <li><input type="checkbox"/> Install Animal/Wildlife Crash Prevention Treatments</li> <li><input type="checkbox"/> Surface Treatments</li> <li><input type="checkbox"/> Lighting and Visibility</li> <li><input type="checkbox"/> Technical Guidance and Training</li> </ul> |
|  <p>SAFER <b>ROAD USERS</b></p>                       | <ul style="list-style-type: none"> <li><input type="checkbox"/> Run-Off-Road Prevention Education</li> <li><input type="checkbox"/> High-Risk Driver Interventions</li> <li><input type="checkbox"/> Weather-Related Driving Programs</li> <li><input type="checkbox"/> Rural Road Safety Awareness</li> <li><input type="checkbox"/> Impaired and Distracted Driving Prevention</li> </ul>                                                                                                                                                                                                                                                                   |
|  <p>SAFE <b>SPEEDS</b></p>                           | <ul style="list-style-type: none"> <li><input type="checkbox"/> Curve Speed Management</li> <li><input type="checkbox"/> Weather-Based Speed Management</li> <li><input type="checkbox"/> High-Risk Location Speed Management</li> <li><input type="checkbox"/> Rural Road Speed Strategies</li> <li><input type="checkbox"/> Technology-Based Speed Solutions</li> <li><input type="checkbox"/> Reduce Vehicle Speeds</li> <li><input type="checkbox"/> Integrated Speed and Infrastructure Design</li> </ul>                                                                                                                                                |
|  <p>SAFE <b>VEHICLES</b></p>                         | <ul style="list-style-type: none"> <li><input type="checkbox"/> Lane Departure Prevention Systems</li> <li><input type="checkbox"/> Stability Control Technologies</li> <li><input type="checkbox"/> Driver Assistance Features</li> <li><input type="checkbox"/> Tire and Brake Safety Systems</li> <li><input type="checkbox"/> Emergency Response Technologies</li> </ul>                                                                                                                                                                                                                                                                                  |
|  <p><b>POST-CRASH CARE</b></p>                       | <ul style="list-style-type: none"> <li><input type="checkbox"/> Scene Management and Access</li> <li><input type="checkbox"/> Quick Clearance Protocols</li> <li><input type="checkbox"/> First Responder Training</li> <li><input type="checkbox"/> Rural Emergency Response Strategies</li> <li><input type="checkbox"/> Off-Road Rescue Capabilities</li> </ul>                                                                                                                                                                                                                                                                                            |



**Questions on goals for breakout rooms or strategies?**

**Head to your breakout rooms – 25 minutes!**  
**See you back here at 11:50AM**

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## Your assignments/homework

- Share recommendations with the project team
- Share the project website with your networks (<https://newmexicodotshsp.com/>)
- Propose future meeting topics
- Recruit more IAWG members – direct them to the website!
- Support implementation of strategies
- Review and provide input on upcoming deliverables
- Attend next meeting:
  - Wednesday, June 18<sup>th</sup>, 2025 @ 2PM
  - Topic: Roadway Departure – Part 2

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Questions?

Contact info

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