



Comprehensive Safety Action Plan

City Council Study Session
May 19, 2025



Why is the plan important?

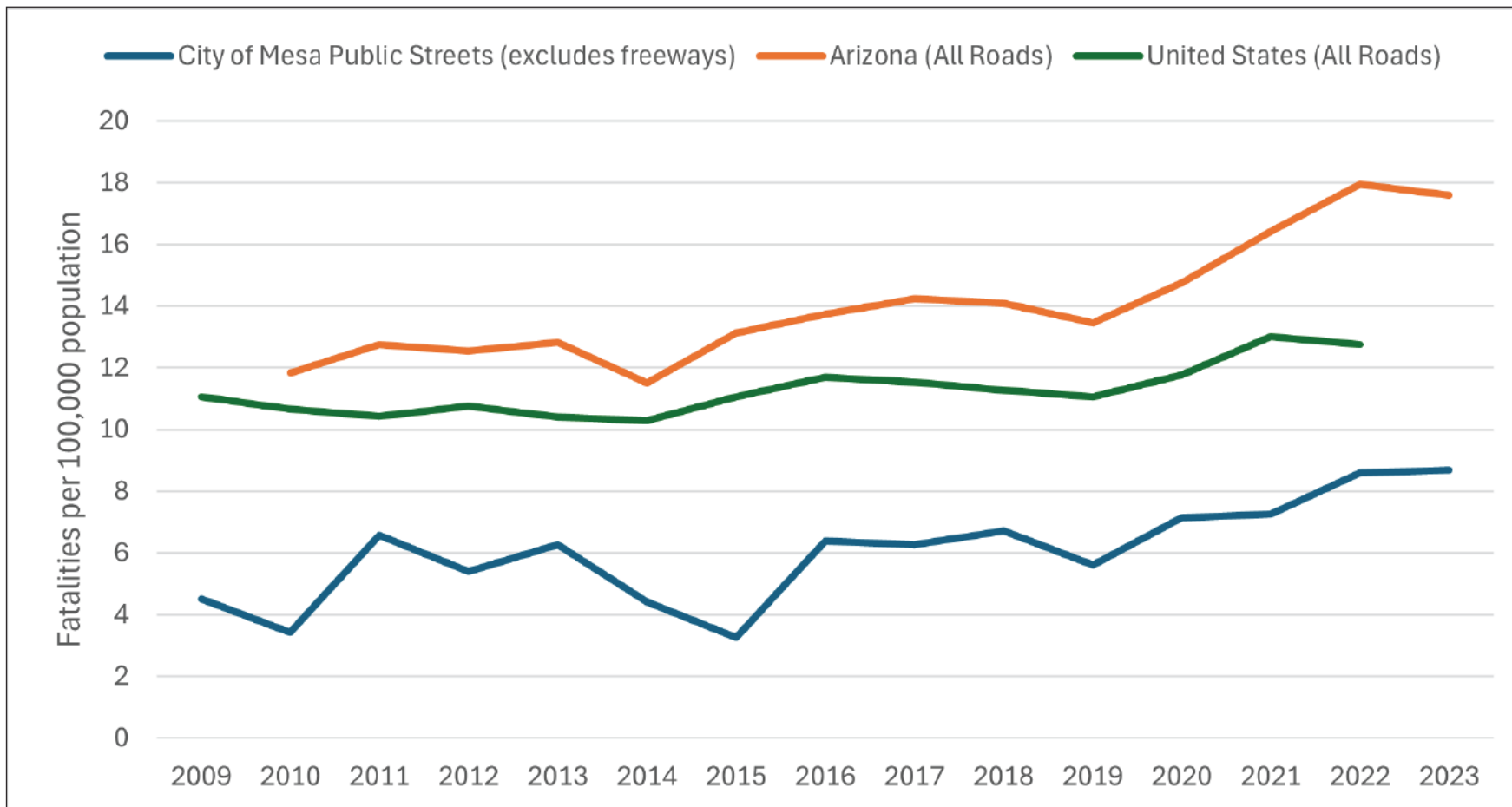


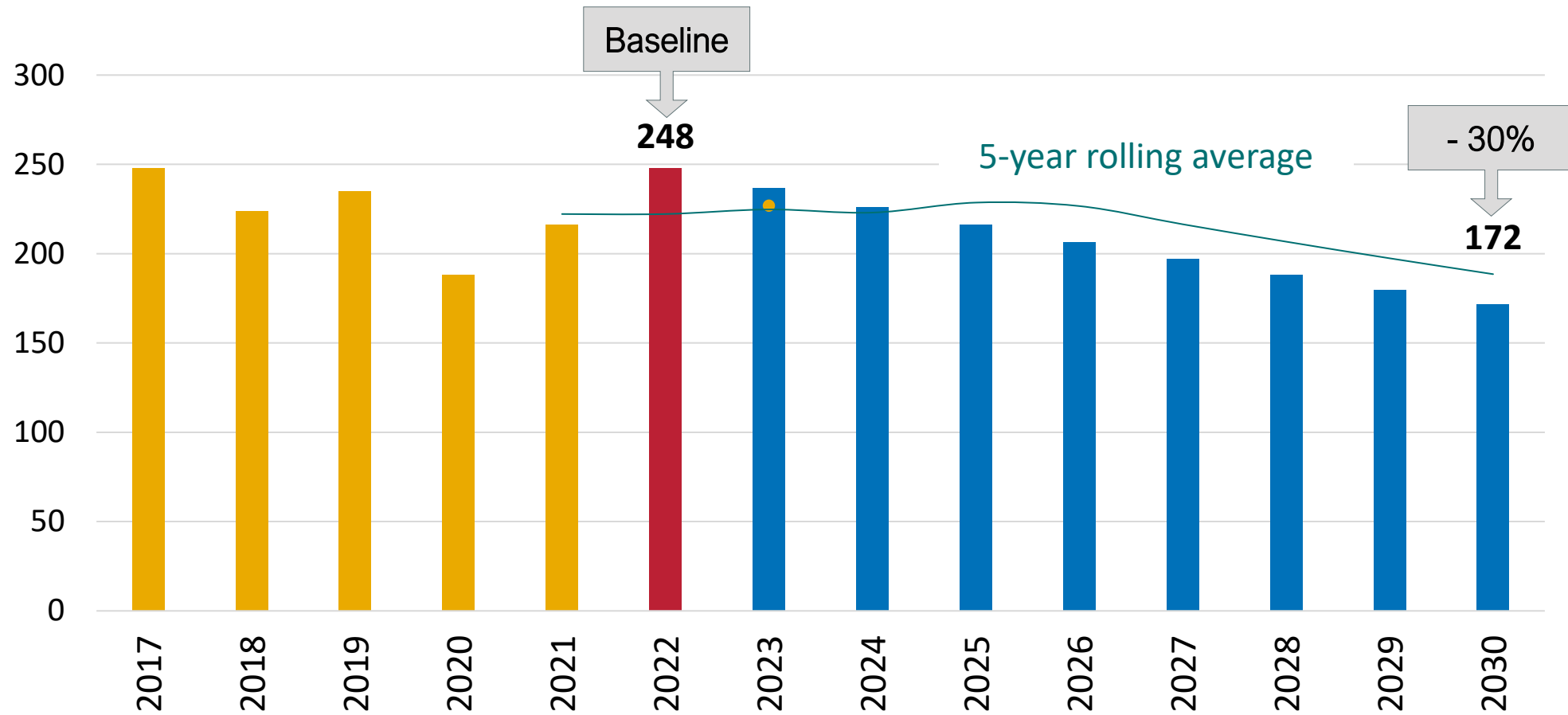
Figure 10: Fatalities Per 100,000 Population

Sources: City of Mesa - 2023 Annual Crash Report, Arizona - 2023 ADOT Crash Facts and ACS 1-year estimates from Census, United States - FARS.



A Path Forward

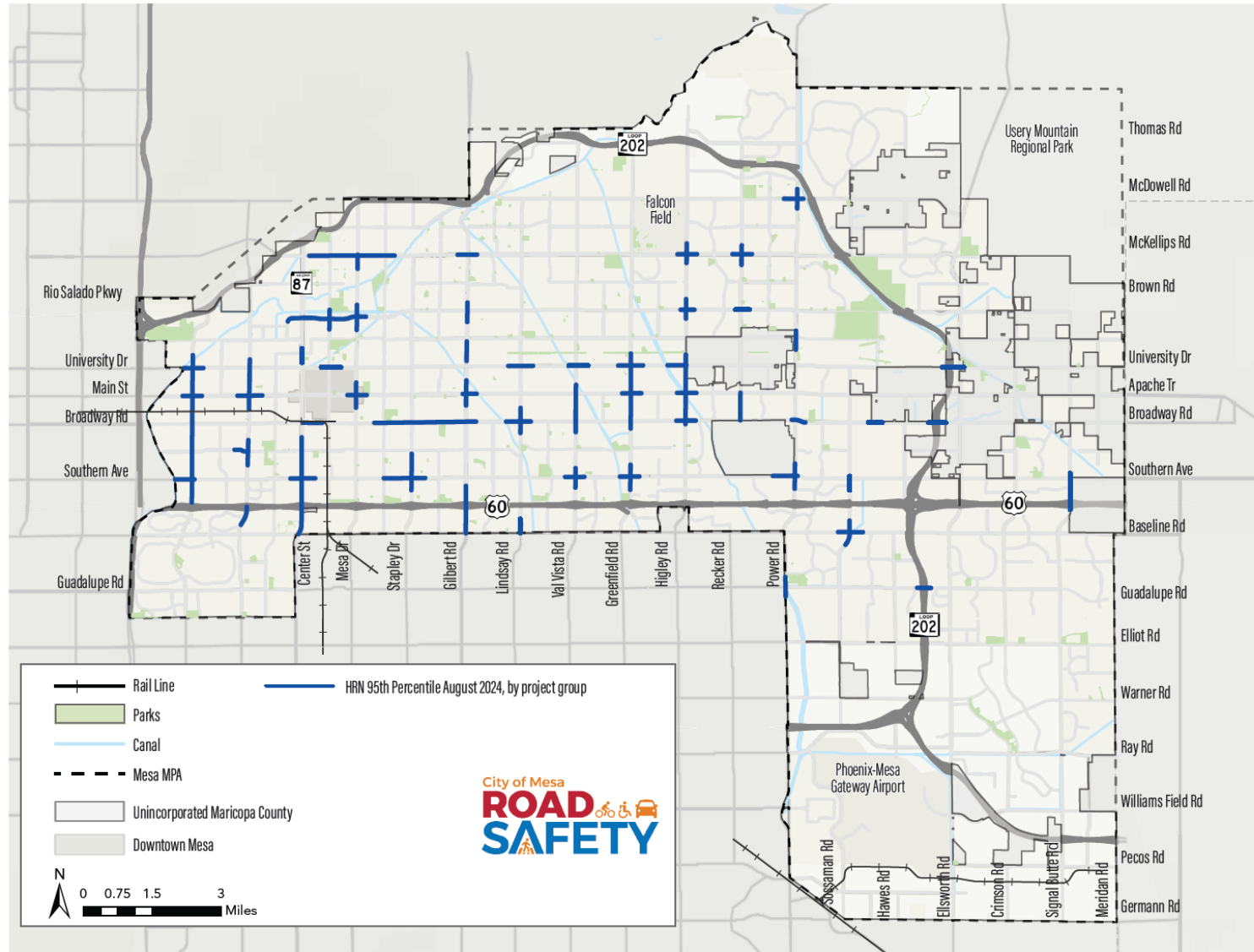
Fatalities and Serious Injuries



Estimated annual reduction of 10 fatalities & serious injuries per year



High Risk Network

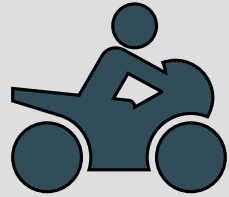




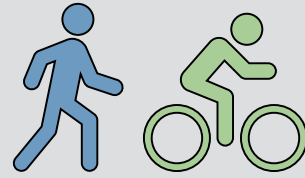
Road Safety Focus Areas



Vulnerable Ages
(<18 & $65+$)



Motorcycle



Vulnerable Road
Users (Ped &
Bike)



Arterial
Segments

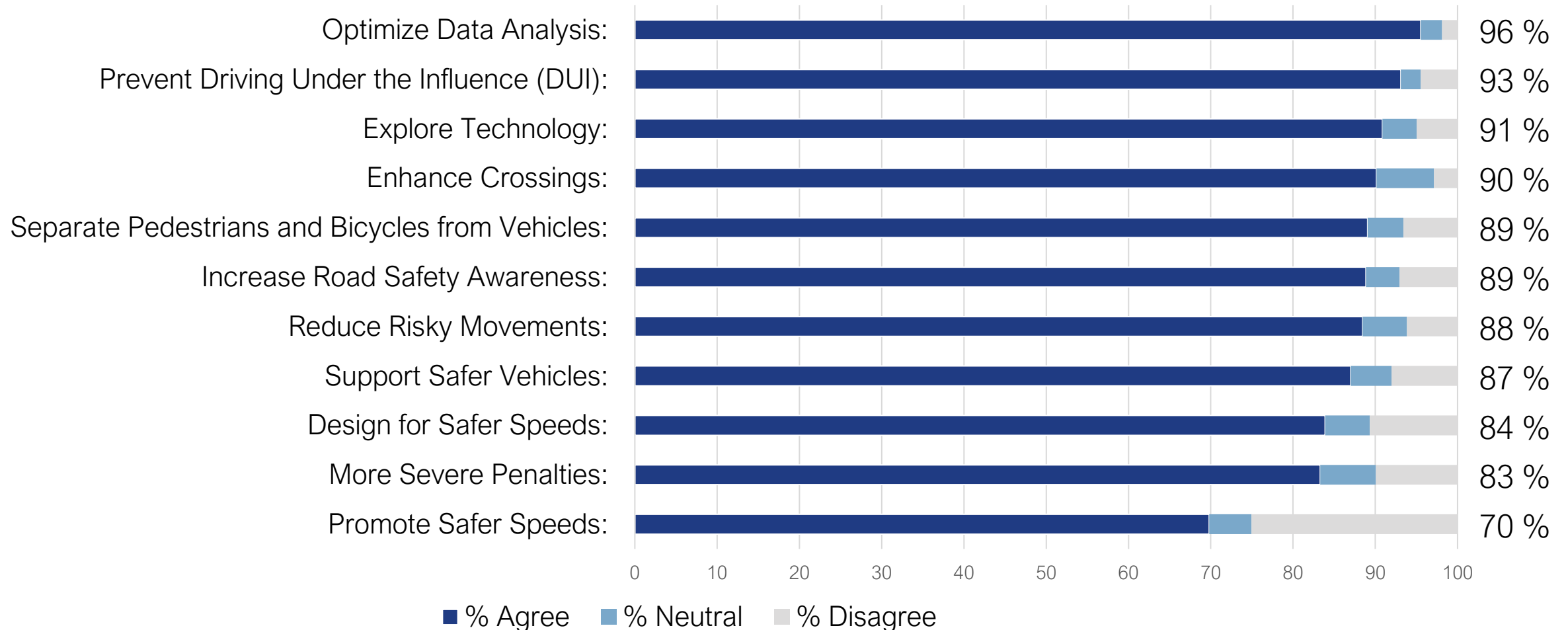


Behavior



Public Outreach Survey Results

Strategy Support





Strategy Refinement Process

**Started with 100
actions targeting 10
collision profiles**



**Refined and
adjusted based on
technical team
feedback**



**Categorized into
infrastructure and
non-infrastructure
strategies**



**Finalized 28 actions
with 9 strategies
(13 infrastructure,
15 non-
infrastructure)**



Infrastructure Strategies

1. Enhance Crossings

2 Actions

2. Reduce Risky
Movements

4 Actions

3. Separate Peds & Bikes
from Vehicles

2 Actions

4. Design for Safer Speeds

3 Actions

5. Support Safer Vehicles

2 Actions



Non-Infrastructure Strategies

1. Increase Road Safety Awareness

10 Actions

2. Prevent DUIs

2 Actions

3. Optimize Data Analytics

3 Actions



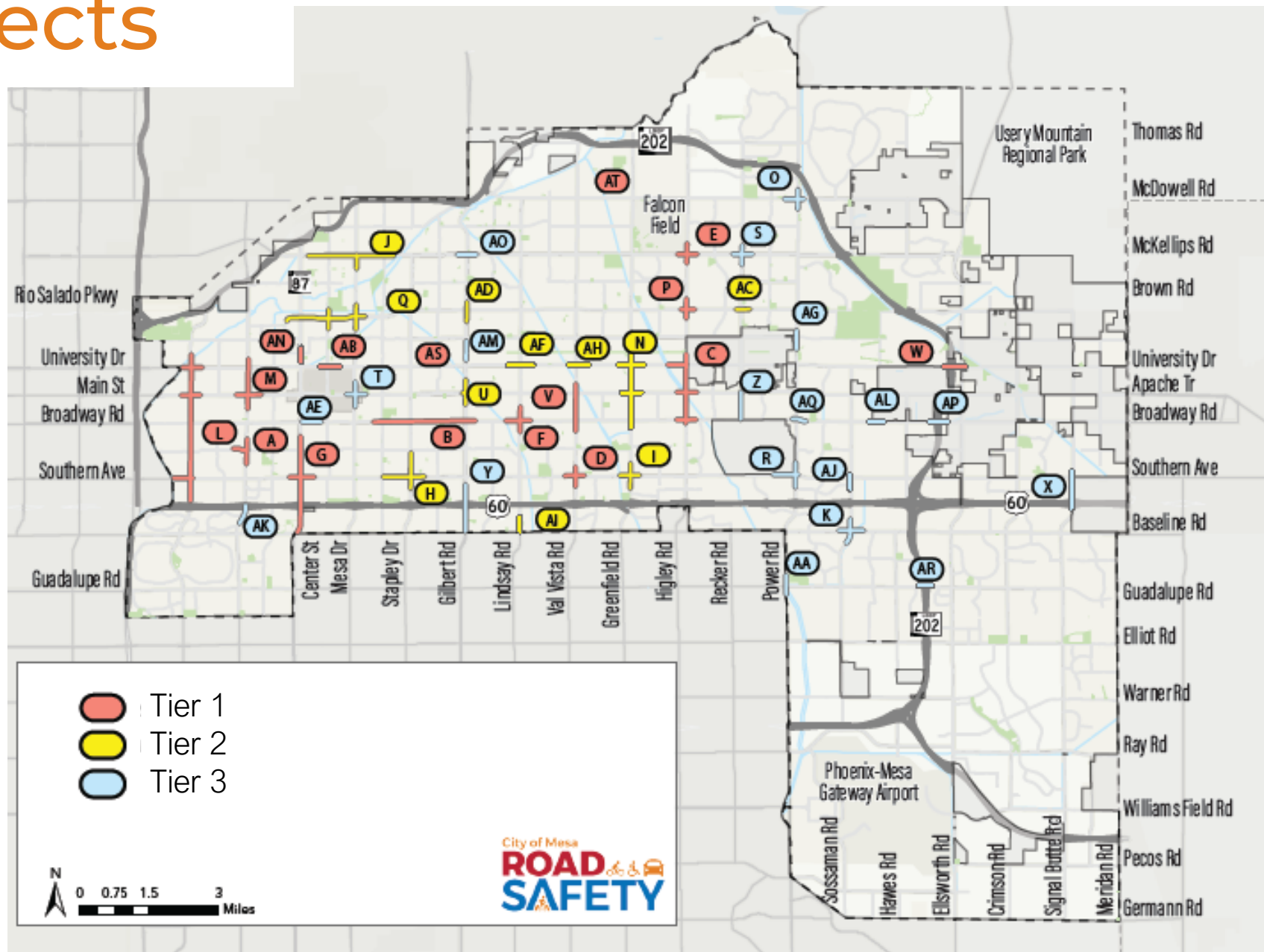
CSAP Projects

Projects were identified, considering:

- HRN Score
- KSI/Mile
- Pedestrian, Bicycle, Motorcycle Crashes
- Predictive Safety Analysis

Project Totals:

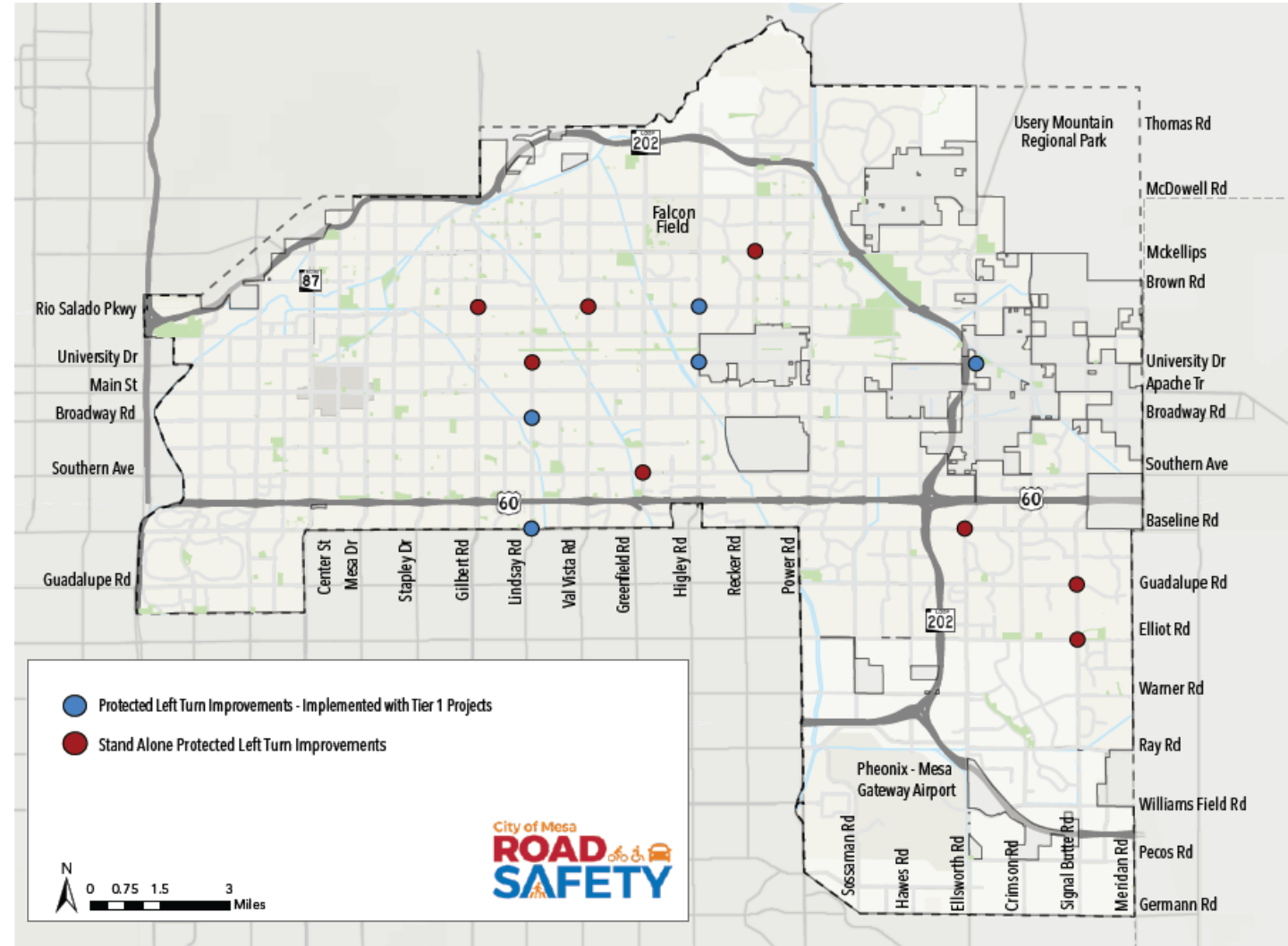
- Tier 1 - 16
- Tier 2 - 11
- Tier 3 - 19





Left-Turn Phasing Evaluation

- Currently 61 of Mesa's 501 signals are fully protected
- **28 intersections** in the City were selected for left-turn phasing evaluations
- **13 intersections** are recommended for protected left turn phasing implementation
 - These intersections account for **35 KSI** crashes in the past 3 years





Tracking Towards The Goal

When Will We Get There?

Initial Years- Gather Information:

How/if strategies are being implemented?

How often/to what extent?



Set Targets Per Strategy:

Example

- 1 location/year
- 1 education campaign effort/quarter



Outcomes

Based on targets, each strategy can be measured for effectiveness

30% reduction by 2030

NEXT STEPS



IDENTIFY FOCUS
AREAS AND
STRATEGIES



DEVELOP AND
PRIORITIZE
PROJECTS
Summer/Fall '24



PUBLIC
ENGAGEMENT
PHASE 2
Fall '24



PUBLIC
ENGAGEMENT
PHASE 3
2025



PREPARE DRAFT
AND FINAL PLAN
We are here



GRANT
OPPORTUNITIES
2025

