



**COLORADO**

Department of Transportation

# I-25: Speer and 23<sup>rd</sup> Bridge and Interchange Project: Stakeholder Group Meeting

December 16, 2021



# Agenda

- Welcome and Introductions
- Objectives of the Meeting
- Stakeholder Roles and Responsibilities
- Project Overview
- Mapping Stakeholder Interests and Area Issues
- Next Steps



# Introductions





# Introductions



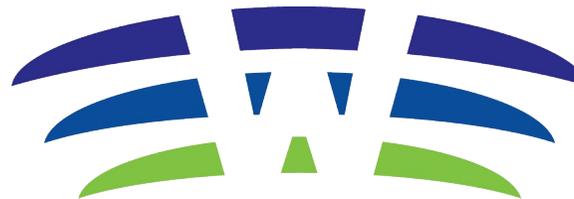


# Introductions





# Introductions





Are there organizations that you think would be interested in this project that are not in the room today?



Click this button along the toolbar in Google Meet to access the poll.



# Objectives of the Meeting

1. Introduce Speer/23rd Project
2. Understand the Role of the Stakeholder Group
3. Understand the Project Process
4. Learn Stakeholder Interests & Concerns
5. Discuss Next Steps



# Objectives of the SG

1. Understand all stakeholders' uses of the Project Area
2. Provide all stakeholders the same information on the Project
3. Obtain stakeholders' feedback on the Project's approach and concepts
4. Seek to develop mutually agreeable solutions among various stakeholders



# Stakeholder Group Roles and Responsibilities

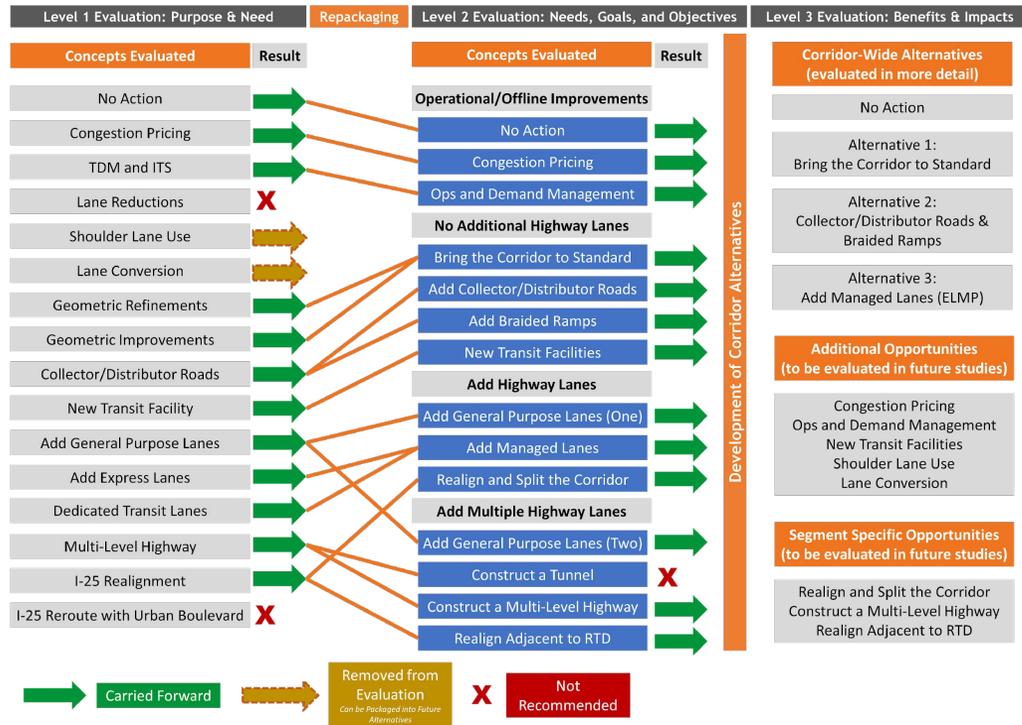
- Provide their network with updates and information on the Project
- Provide the project with input and feedback from their network
- Provide input on key Project concepts and milestones
- Attend SG meetings through the full Project
- Be constructive problem solvers





# PEL Background

## PEL Evaluated Possible Improvements through 3 Rounds of Screening



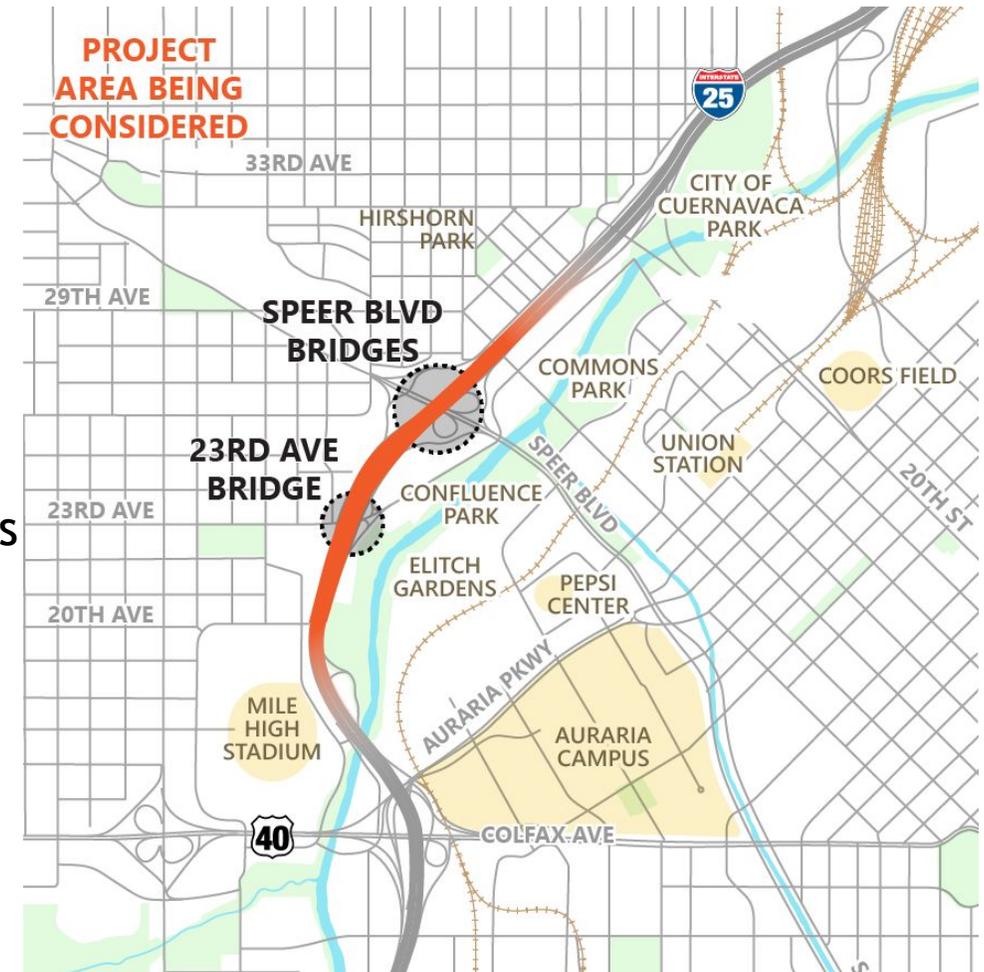
## PEL Recommended 3 Corridor Wide Alternatives for Future NEPA Consideration





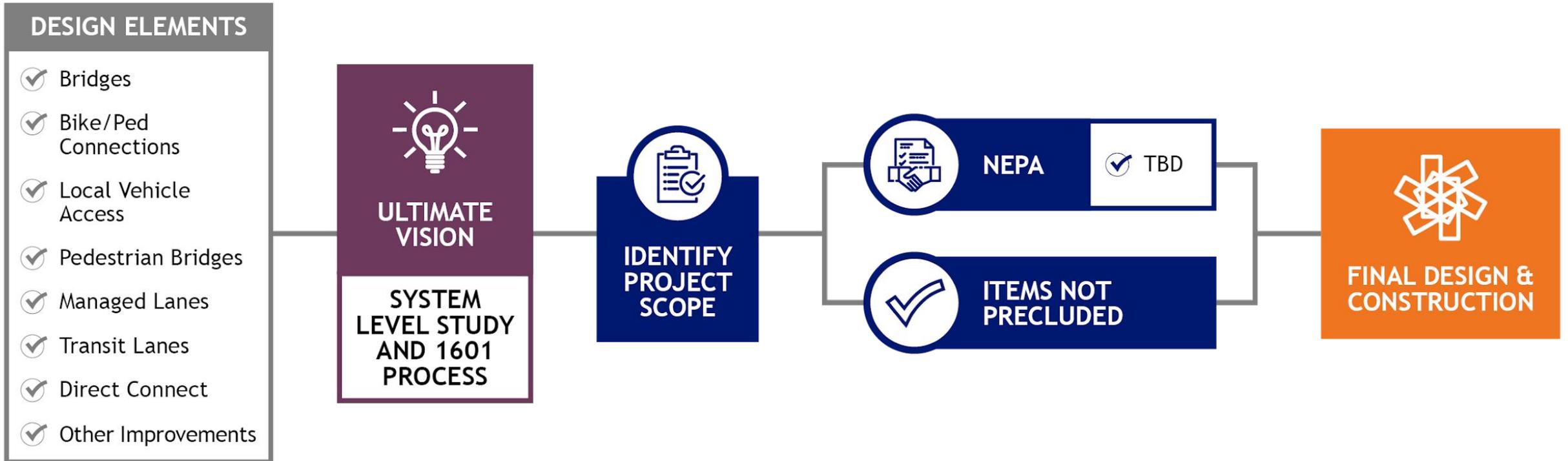
# Ultimate Vision vs Project

- **Ultimate Vision**
  - Considers all needs and recommendations from I25 Central PEL, from 20<sup>th</sup> to 17<sup>th</sup>.
    - Braided ramps/CD roads
    - Express Lane facilities
    - Other operational/safety improvements
    - Local cross-connectivity
  - Determining the ultimate vision for the area ensures bridge replacements will not preclude improvements.
- **Project**
  - Structure replacement
  - Other elements to be included based on significance, funding, and strategy





# Process





Do you understand the ultimate vision and how we will move to define the project?



Click this button along the toolbar in Google Meet to access the poll.



# Ultimate Vision Purpose and Need

## Structure Replacement

- Bridge structures that meet current design standards for adequate clearance, structural sufficiency, and a span to accommodate a future managed lane system

## Safety

- Safety improvements that reduce the number of crashes.

## Operational Improvements

- Operational improvements that reduce congestion

## Bike/Ped Improvements

- Pedestrian and bicycle facilities that are safe, accessible, and comfortable



# Project Need: Structure Replacement

- Substandard Condition of Bridges over I-25
  - Vertical clearance of 13'-9" on 23<sup>rd</sup> and 13' 5" on Speer which does not meet the standard of 16' 6"
  - Deck conditions rated as poor
  - Load capacity does not meet the current standard
  - Cracking and spalled concrete with exposed rebar is present throughout concrete deck



- Multiple Areas with Insufficient Ramp Spacing



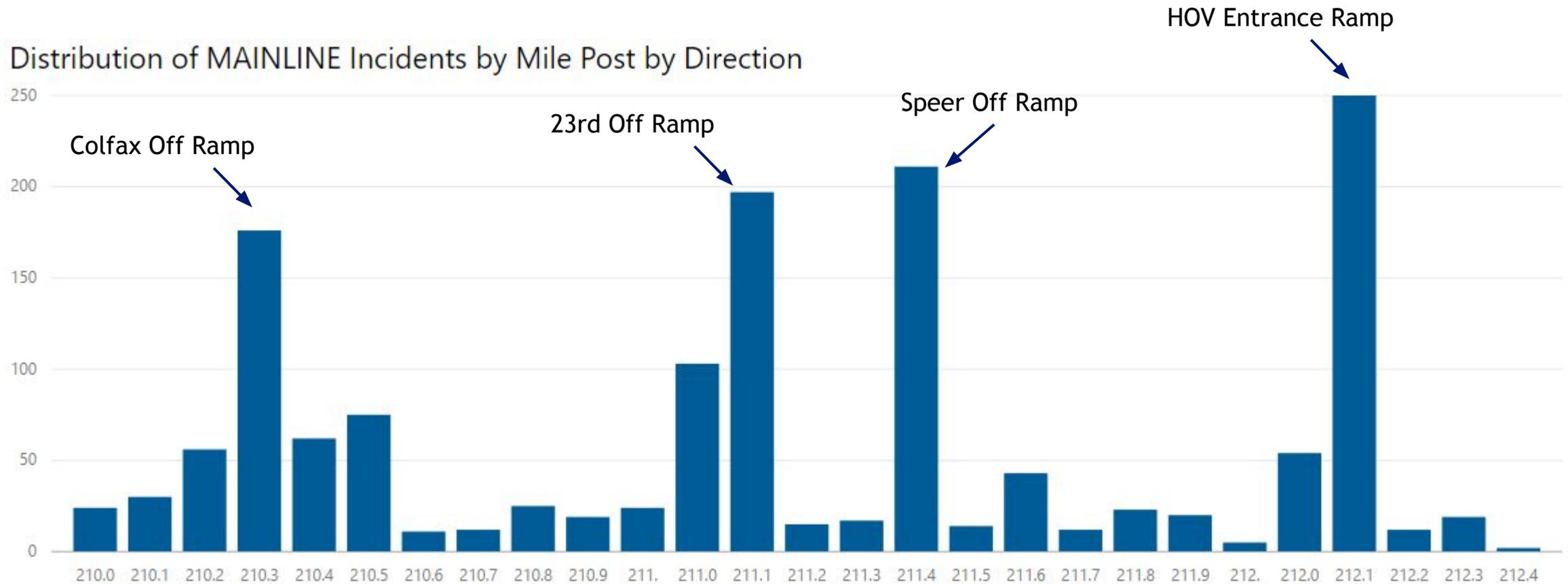
- Areas with Lane and Shoulder Width Deficiencies





# Project Need: Safety

## Northbound I-25

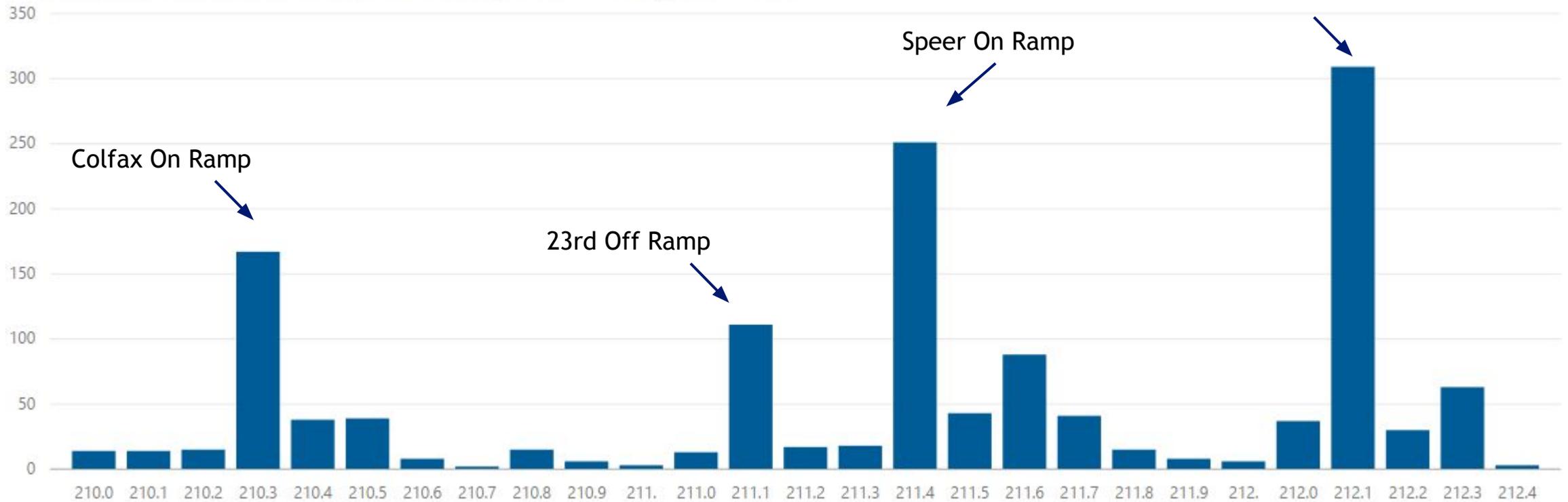




# Project Need: Safety

## Southbound I-25

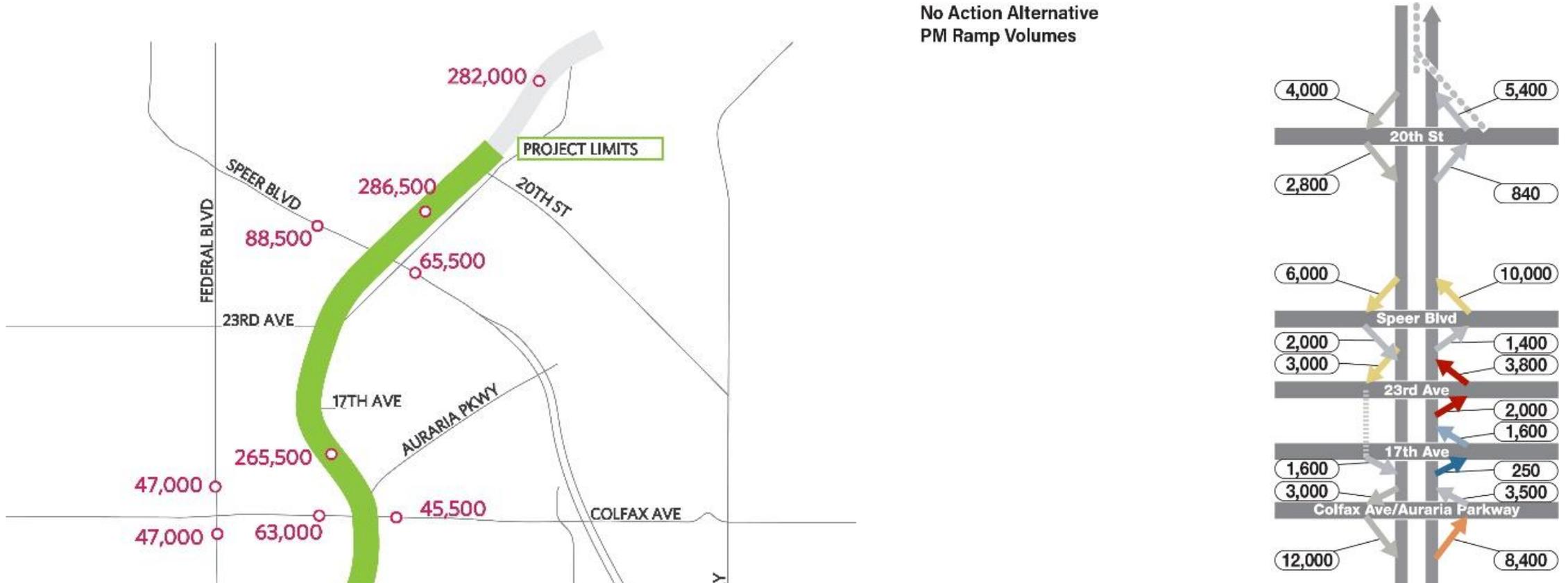
Distribution of MAINLINE Incidents by Mile Post by Direction





# Project Need: Operational Improvements

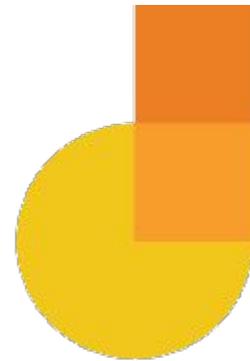
- Future (2040) Mainline and Ramp Volumes Exceed Available Capacity







# Exercise: Issues & Interests Mapping



Jamboard



What would like to make sure we talk about at the next meeting?



# Next Project Steps

- Project Definition and Future Advancement (next six months)
  - PEL Alternative Refinement (into Spring 2022)
    - Develops Ultimate Vision
    - Document via System Level Study, adopt with 1601 Process
  - Identify Project Scope (Spring 2022)
    - Explore funding opportunities
    - Finalize Project Purpose and Need
    - Finalize Scope of NEPA and Design
  - Enter NEPA Phase (Spring-Summer 2022)



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## Q&A - Closing

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  - Resident Engineer: Steve Sherman
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Project Area



**This slide is a placeholder for the mapping exercise we will do in google jamboard to solicit stakeholders ideas on suggestions and concerns - with some prompts**

## Primary Goals

- Bridges with adequate clearance, structural sufficiency, and span to accommodate future managed lanes
  - Features?
  - Width?
- Operational improvements that reduce congestion and improve incident management
  - Specific locations?
  - Specific modes?
- Safety improvements that provide adequate distances for weaving and merging
- Facilities for pedestrians and bicycles that are safe, accessible, and comfortable Neighborhood concerns/priorities

## Other Needs or Goals

- Business concerns
- Environmental concerns
- Local vehicular access