

Presentation for

Wasatch Front Area Comprehensive Safety Action Plan



Team

CSAP Planning Team

Regional Planning Expert

🔑 Maria Vyas, AICP (FP)

Project Manager

🔑 Brent Crowther, P.E., PTOE, RSP₁

National Safety Expert | QA/QC

🔑 Molly O'Brien, P.E., PTOE, RSP₂₁

Leadership Commitment and Goal Setting

🔑 Maria Vyas, AICP (F&P)

Safety Analysis

🔑 Jacob Farnsworth, P.E., RSP₁

Strategy and Project Selection

🔑 Jacob Farnsworth, P.E., RSP₁

Stakeholder and Public Engagement and Collaboration

- 🔑 Justin Smart (PP)
- 🔑 Amalia Andrews
- Amee Rock (PP)
- Olivia Perez

Data Collection

Tim Baird, AICP (F&P)
Mitch Hadfield, EIT

Infrastructure

Eric Sweat, P.E.
Tim Baird, AICP (F&P)
Anthony Pratt, PLA, ENV SP

Regional, Geographic Focus Area Analysis

Tim Baird, AICP (F&P)
Mitch Hadfield, EIT

Policy and Process Changes

🔑 Maria Vyas, AICP (F&P)
Tim Burrows



Equity Considerations

Patrick Picard, AICP, RSP₁ (F&P)

Concepts and Cost Estimates

John Matern, P.E.

Legend

-  PP = PENNA POWERS
-  F&P = FEHR & PEERS
- 🔑 = Key Team Member

Project Background

Purpose:

- Develop a holistic, well-defined strategy to reduce roadway fatalities and serious injuries in the Wasatch Front region.

CSAP will:

- Analyze safety needs
- Identify high-risk locations and factors contributing to crashes
- Prioritize strategies to address them



Study Area

- Salt Lake County
- Davis County
- Weber County
- Morgan County
- Tooele County
- Southern portion of Box Elder County (Brigham City)
- Local jurisdictions
- Utah Department of Transportation
- Utah Transit Authority



Process Overview

June - Sept. 2023	Oct. 2023	Nov. 2023 - Jan 2024	Feb. 2024	May - June 2024	July 2024
Leadership Commitment June	Geographic Focus Area Planning Team Meetings #1	Strategy and Project Selection	Geographic Focus Area Planning Team Meetings #2	Draft and Final CSAP	WFRC Presentations
Safety Launch Aug.				SS4A Regional Summit	
Safety Analysis Aug. - Sept.				Safety Commitment Resolution	
Engagement and Collaboration, Committee Meetings					



Scope of Work



Task 1: Project Management

Purpose:

- Monitor scope, schedule, and budget
- Communicate with WFRC Project Manager regarding project status and action items.

Deliverables:

- Bi-weekly PMT meetings
- Monthly invoice, progress report
- Monthly schedule update.



Task 2: Planning Structure

Purpose:

- Plan and conduct Regional SS4A Launch, CSAP Steering Team meetings, Geographic Focus Area (GFA) Planning Team meetings

Deliverables:

- SS4A Safety Launch meeting (Task 3)
- Steering Team meetings (monthly)
- GFA Planning Team meetings (Task 4 and Task 7)



Planning Structure

Steering Team

- Monthly meetings
 - Technical guidance
 - Review documents/deliverables

GFA Planning Teams

- Two Rounds of GFA Planning Team Meetings (11 meetings each round)
 - Safety Analysis
 - Project Types Selection
 - Regional Summit



GFA Planning Teams

South Box Elder and North Weber County

Southwest Weber County

Southeast Weber County

North Davis County

South Davis County

Salt Lake City

Western Salt Lake Valley

Southwest Salt Lake Valley

Southeast Salt Lake Valley

Morgan County

Tooele County



Task 3: Leadership and Goal Setting

Purpose:

- Engage stakeholders to inform Safety Commitment Resolution

<ul style="list-style-type: none">• Steering Team• GFA Planning Teams• Elected officials• UDOT• UTA• UHP	<ul style="list-style-type: none">• Emergency Responders• School Districts• Community organizations• Advocacy organizations• County Health Depts• Unified Police
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- Safety Launch (one-hour virtual meeting) to introduce project and desired outcomes
- Online Survey/Comment Form
- WFRC Committee Presentations

Deliverables: Safety Launch meeting, survey, presentations.



Task 4: Safety Analysis

Purpose:

- Analyze existing data and trends; identify risk factors, high-risk locations, potential systemic improvements
- Safety analysis (prepared by GFA)
 - Crash Tree diagrams
 - usRAP risk rating analysis
 - Highway Safety Manual (HSM) analysis

Deliverables:

- Tech Memo: Safety Analysis
- GFA Planning Team Meetings (Round #1)



Task 5: Engagement and Collaboration

Purpose:

- Engage stakeholders to provide input to plan development

Deliverables:

- Project website
- Disadvantaged Community Stakeholder Meetings summary



Task 6: Equity Considerations

Purpose:

- Develop equity index, evaluate equity in safety data analysis (Task 3) and recommended strategies (Task 8)
- Identify concentrations of disadvantaged or vulnerable populations using two methods:
 - Available WFRC tools for a locally-unique equity index
 - USDOT Equitable Transportation Community Explorer tool and CEQ Climate and Environmental Justice Screening tool

Deliverables:

- Equity analysis informing Tasks 3 and 8



Task 7: Policy and Process Changes

Purpose:

- Review agency policies, programs, and practices that may impact safety and identify opportunities for changes
- Identify emphasis or topic areas that may be addressed
- Recommend potential engineering, enforcement, or education policies or practices

Deliverables:

- Tech Memo: Policy and Process Changes



Task 8: Strategy and Project Type

Purpose:

- Recommend and prioritize strategies and project types
- Identify potential strategies and countermeasures to reduce fatalities and serious injuries

Deliverables:

- Tech Memo: GFA Potential Strategies and Countermeasures
- GFA Planning Team Meetings and Summaries (Round #2)



Task 9: Draft and Final CSAP Report, Safety Resolution, Safety Summit

Purpose:

- Prepare CSAP Report and deliverables

Deliverables:

- Draft and Final CSAP Report
- Regional Safety Summit
- Safety Commitment Resolution
- WFRC Committee Presentations



Task 10: Progress and Transparency

Purpose:

- Prepare performance measures and reporting plan to document progress toward CSAP implementation

Deliverable:

- Performance Reporting Framework in Final Report



Deliverables Summary

- Tech Memo: Safety Analysis Summary
- Tech Memo: GFA High-Risk Locations and Potential Countermeasures
- Tech Memo: Community Engagement Summary
- Tech Memo: Recommended Policy and Process Changes
- Draft and Final CSAP Report
 - Projects/Strategies
 - Equity Analysis
 - CSAP Performance Reporting Framework



Meetings Summary

- Safety Launch
- Steering Team Meetings (monthly)
- GFA Planning Team Meetings (2 rounds of 11 meetings)
- Disadvantaged Communities Stakeholder Meetings (12)
- Safety Summit



Schedule Milestones

Notice to Proceed: Mid-June 2023

Steering Team Meeting #1

Safety Launch: Mid-August 2023

GFA Planning Team #1: October-November 2023

Identify Projects/Strategies: January 2024

Dis-advantaged Community Stakeholder Meetings: February 2024

GFA Planning Team #2: February 2024

Draft Final Report: May 2024

Safety Summit: June 2024

Final Report: July 2024



Next Steps

Finalize Scope of Work

Notice to Proceed

Initiate Data Collection

Assemble GFA Planning Team Members

Plan Safety Summit

