



Arizona State Freight Plan

Freight Stakeholder Meeting #1

October 21, 2025

Meeting Instructions

Message to Participants

- **Today's presentation will be recorded for ease of transcription.**
- **All attendees will be in listen-only mode:**
 - **Q&A:** Questions/comments can be posted to the Q&A tab throughout the meeting. These will be visible to all attendees, as will the name of the person posting the question/comment. The input will be captured and used to develop the State Freight Plan. ADOT will conduct follow up on questions, as appropriate.
- Chat function is not enabled for this meeting. Comments entered in "Notes" may not be captured.
- **If you are participating today via telephone**, please send an email with your name and affiliation to hughes@highstreetconsulting.com so we can invite you to follow-on meetings and send a survey with additional questions about freight in Arizona.

Polling Instructions

Message to Participants

- **Polls:** Attendees will be asked a series of 10 poll questions during the presentation. Answers will be anonymous and may be displayed as part of the presentation.
- To participate, use your phone to scan the QR code at the top of the screen when a poll question appears or use your phone or computer browser to access the poll at: pollev.com/streets315
- The live poll will show results on the presentation screen as you submit your responses.
- You may change your responses by deleting your original selection. You may also go back and change prior responses if you have not submitted a response to the final question, #10.
- You may answer questions posed prior to your joining the poll.
- Please do not advance through the questions ahead of the discussion in the presentation.
- Click FINISH to submit and close your poll activity.

Welcome and Introduction

State Freight Plan (SFP) Team

Arizona
Department of
Transportation
(ADOT)

Heidi Yaqub

Regional / Freight Transportation Program Manager

Jesse Schneider

Transportation Section Manager

Consultant Team



SFP Stakeholders and Roles

Technical Advisory Committee (TAC)

Arizona DOT subject matter experts and internal stakeholders with state program and project expertise

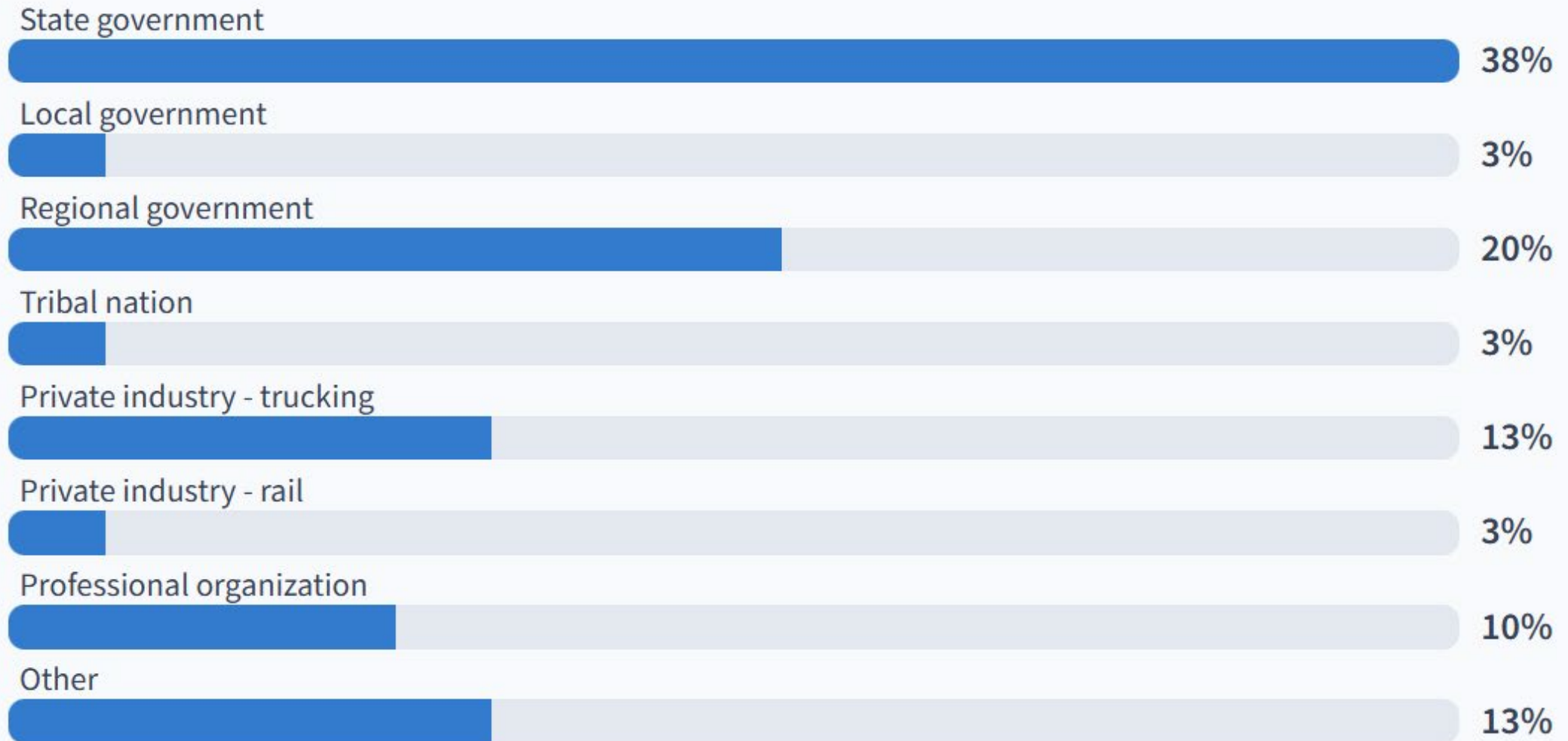
Freight Advisory Committee (FAC)

Members of key constituencies in the state with a nexus to freight transportation, including categories defined by Congress, to provide SFP direction and Freight Investment Plan needs

Freight Stakeholders

Other freight and transportation practitioners from Arizona and neighboring areas to provide additional freight context

1. What type of organization do you represent?



Overview of the 2026 SFP

2026 SFP

Objectives

- Update the SFP for current conditions, best practices, and the latest federal guidance and regulations;
- Define investment priorities to generate the greatest return for the state economy and address other key transportation goals;
- Establish immediate and long-range plans for freight-related transportation investments;
- Identify projects across Arizona that benefit freight efficiency.

2026 SFP Key Activities

FAC/TAC Meetings

Collect input through visioning workshops to ensure the vision reflects Arizona's freight future, including impacts from emerging technology

Surveys and Polls

Conduct surveys of participants from FAC/TAC #1

Scan Current Topics

Identify goals and future or emerging trends and technology impacts

Literature Review

Identify relevant trends, issues, and priorities

Data Analysis

Draw on current data from ADOT, Commodity Waybill samples, Transearch Data, FHWA and other publicly available sources; include condition and performance, bottlenecks, etc.

Synthesis of Input

Incorporate FAC/TAC workshop input, stakeholder survey results, expert knowledge, and industry data

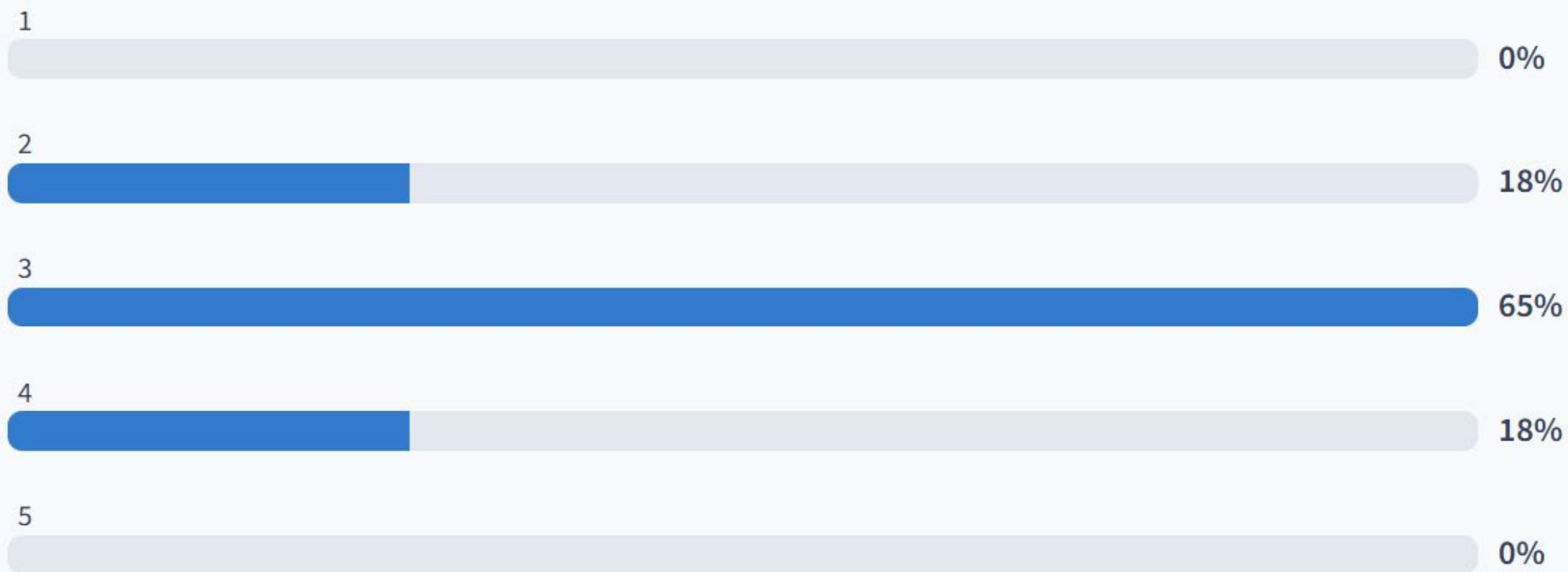
Gap Analysis

Analyze selected trends, evaluate unaddressed needs from the 2022 SFP, and identify key findings related to the trends analysis

Prioritize Investment

Draw on inputs and needs to identify best uses for federal funding, including National Highway Freight Program apportionment and grant opportunities

2. On a scale from 1 to 5, in which 1 is the lowest and 5 is the highest, how do you rate Arizona's freight system in its readiness to support the state's future economic growth?



3. Please rank the following freight investment categories based on their potential long-term benefit to Arizona.

Highway capacity



Bridge and pavement preservation



Technology/automation



Truck parking



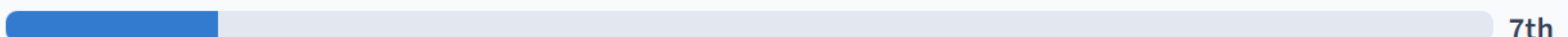
Border/trade connections



Freight rail



Other



Overview of the 2022 SFP

2022 SFP Overview

A Look Back

- 2nd Federally compliant SFP; approved in December 2022.
- Met the additional requirements of the Infrastructure, Investment and Jobs Act (IIJA)
- Identified the AZ freight network strengths and opportunities
- Prioritized federal and state funding (“Freight Investment Plan”)
- Laid out implementation strategies
- Looked at COVID impacts on eCommerce, shortages, cargo handling, cross-border trade, extreme climate events, technology issues (data sharing, cybersecurity)

Freight Investment Priorities

2022 SFP

- **Truck Parking:** Expanding truck parking statewide, reflecting ongoing shortages and stakeholder input.
- **Highway Bottlenecks:** Projects that relieve congestion and improve reliability on key freight corridors
- **Planning & Research:** Updates to the statewide truck parking study and other freight system analyses.



2022 SFP Vision and Goals

VISION: Enhance economic competitiveness and quality growth through innovation and effective system management



SAFETY

A safe and secure freight transportation system in 2050



SYSTEM MANAGEMENT & MOBILITY

A reliable, resilient, future-oriented transportation system that enables efficient multi-modal freight movement



COMPETITIVENESS

Strategic policies, investments, partnerships, and infrastructure that position Arizona to benefit from emerging economic opportunities



STEWARDSHIP

Approaches to freight planning that include economic, social, and environmental stewardship

Looking Ahead

Future Conditions

The 2022 SFP projected a growth scenario in 2045, with Arizona's transportation network anticipated to move:

- 653 million tons (up from 407 million in 2019), and
- 1.7 billion dollars (up from 880 billion in 2019)

The system is changing.

Vision and Goals

SFP Update Process

Have Our Goals Shifted Since 2022? What Should Be Our 2026 Priorities?



To answer these questions, we will pursue a stakeholder-informed and flexible long-term vision by:

- Identifying connections and gaps between the current SFP Goals and Objectives and the national goals and requirements, as well as other public plans
- Conducting outreach to key industries and partners to ensure the new vision reflects stakeholder needs and Arizona's future
- Drafting a Freight Vision Statement and new strategic framework and seeking consensus with the FAC/TAC
- Developing a strategic framework implementation plan

2050 Arizona LRTP Goals



Vision and Goals Revisited



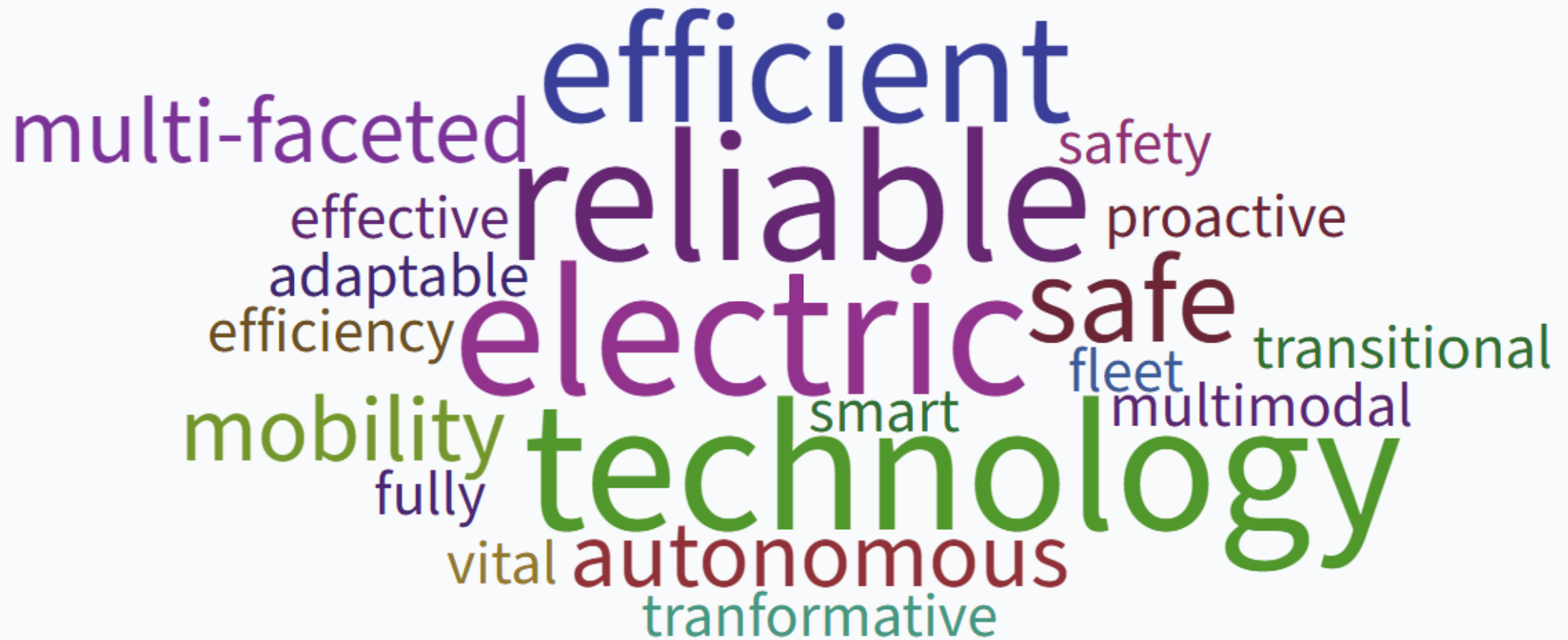
Vision

The previous Arizona State Freight Plan Vision for 2045 stated that Arizona's freight system should:

“Enhance economic competitiveness and quality growth through innovation and effective system management.”



4. What single word would you use to describe your vision for Arizona's freight system in 2050?



A word cloud visualization of responses to the question "What single word would you use to describe your vision for Arizona's freight system in 2050?". The words are arranged in a cluster, with their size indicating frequency. The most prominent words are "efficient", "reliable", "electric", "technology", "safe", "autonomous", "mobility", "multi-faceted", "proactive", "transition", "multimodal", "smart", "fleet", "transformative", "vital", "fully", "efficiency", "adaptable", "effective", and "safety". The colors of the words vary, including shades of blue, purple, green, and red.

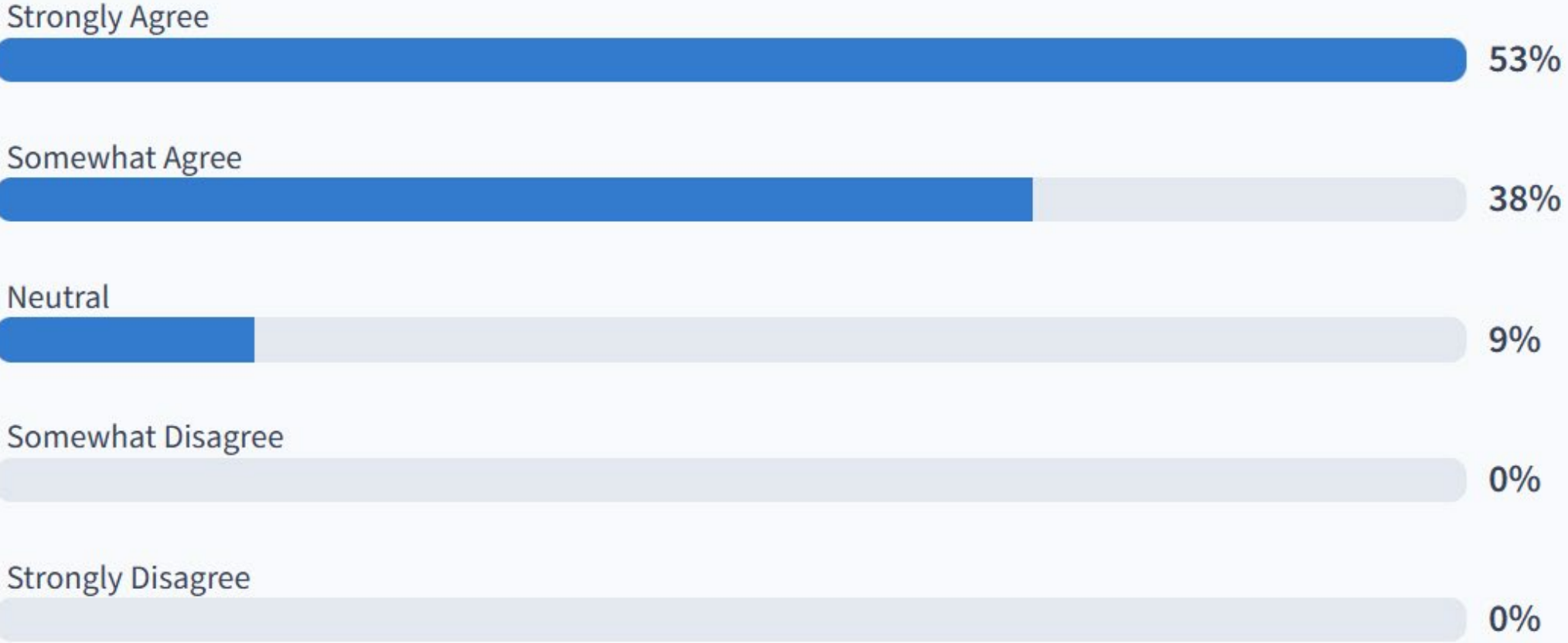
efficient
reliable
electric
technology
safe
autonomous
mobility
multi-faceted
proactive
transition
multimodal
smart
fleet
transformative
vital
fully
efficiency
adaptable
effective
safety

Safety Goal and Objectives

“A safe and secure freight transportation system in 2050”

- Reduce the number and severity of freight related crashes and injuries.
- Coordinate with relevant organizations to implement ADOT’s Cross Border Plan as it relates to safe and secure movement at the international border.
- Identify and address infrastructure and cargo vulnerabilities to environmental and human interference

5. To what extent does the Safety Goal statement reflect your goals for the 2050 State Freight Plan?

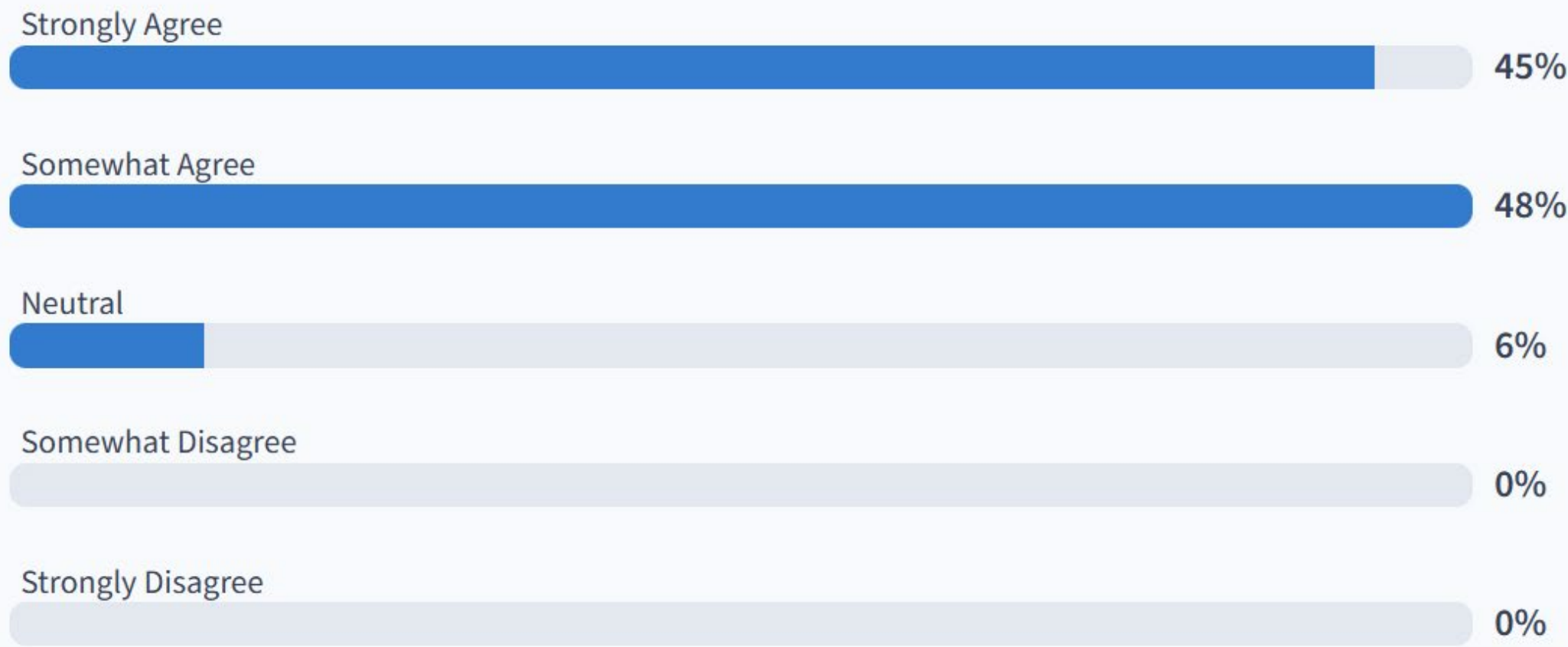


System Management and Mobility Goal and Objectives

"A reliable, resilient, future-oriented transportation system that enables efficient multi-modal freight movement"

- Coordinate with local governments, MPOs, modal operators, and the private sector to manage congestion and freight system reliability.
- Implement strategies to leverage emerging technologies and support logistics and freight industry innovations.
- Maintain, preserve, and modernize state freight transportation systems and infrastructure to improve network quality.
- Improve roadway connections at intermodal facilities, airports, or other modal hubs.
- Increase the resilience of the freight transportation system through ADOT's Resilience Program by addressing transportation infrastructure vulnerabilities

6. To what extent does the System Management and Mobility Goal statement reflect your goals for the 2050 State Freight Plan?



Competitiveness Goal and Objectives

“Strategic policies, investments, partnerships, and infrastructure that position Arizona to benefit from emerging economic opportunities”

- Build and maintain a freight network that supports key sectors that drive economic competitiveness and provide high paying jobs to residents.
- Coordinate with public and private partners to improve connectivity and supply-chain resiliency between Arizona businesses and their trading partners.
- Develop and advocate for strategies, policies, and investments that help the Arizona freight system adapt quickly and effectively to evolving markets and emerging trends.
- Utilize and share data resources to facilitate more efficient and effective freight-related decision making.
- Institute performance- and data-based policies that increase Arizona’s economic preparedness and competitiveness.

7. To what extent does the Competitiveness Goal statement reflect your goals for the 2050 State Freight Plan?

Strongly Agree



55%

Somewhat Agree



39%

Neutral



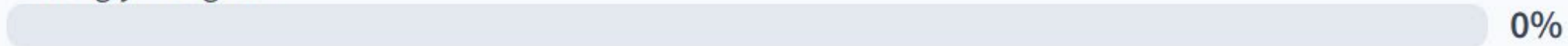
6%

Somewhat Disagree



0%

Strongly Disagree



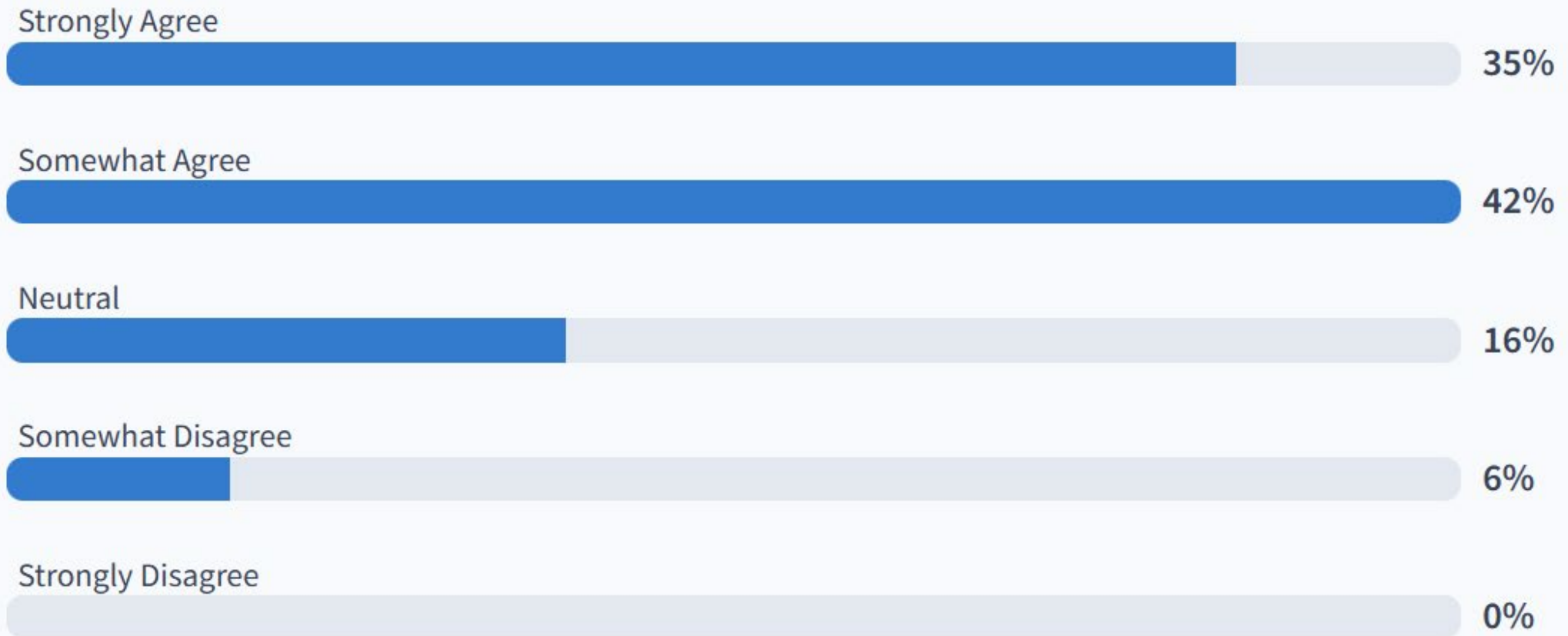
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Stewardship Goal and Objectives

“Approaches to freight planning that include economic, social, and environmental stewardship”

- Provide transparent access to ADOT planning documents, data resources, decision-making processes, and industry coordination to freight partners and the public.
- Utilize data resources and performance-based decision-making to select fiscally conscientious investments that advance plan goal areas and objectives.
- Reduce freight’s effect on environmental resources including local air quality, noise, water quantity and quality, native habitats, wildlife species, and the global climate by supporting the deployment of advanced vehicle technologies, cleaner fuels, and more efficient freight operations.
- Reduce inequalities in access to the economic opportunities associated with the freight network and in the distribution of its negative impacts.
- Effectively engage with public entities, especially those representing vulnerable populations, according to practices outlined in the ADOT Public Involvement Plan.

8. To what extent does the Stewardship Goal statement reflect your goals for the 2050 State Freight Plan?



9. Are there any elements not included in the prior Freight Plan Goals that should be considered in the SFP's Goals?

Freight Broker and shippers impacting Trucking companies and regulaci3n

Truck Parking

Parking for trucks

Driver safety

International

Safe parking areas

More infrastructure for freight

Increase in infrastructure

Electrification

More Safety focus and connected vehicles

Public health

Emphasis on autonomous vehicles, especially large trucks.

Oversized/over-weight corridors.

Autonomous vehicles

More infrastructure

Autonomous freight policy

Public transportation

Autonomous; alternative fuel infrastructure

Express corridors.

Autonomous Freight

Electric Freight

impact of autonomous, driverless freight vehicles on the SHS, and the needed infrastructure to support this transition

Schedule

September 2025 – October 2026

Schedule of Stakeholder Engagement

1st FAC/TAC/Stakeholder
meeting, 10/21/2025

1

Stakeholder Survey
October 2025

3rd FAC & TAC
meeting, April 2026

3

15-Day Comment Period
September 2026

5

2nd FAC & TAC meeting
11/4/2025

2

4th FAC/TAC/Stakeholder
meeting, August 2026

4

Submission to USDOT
Fall 2026

6

Next Steps

SFP Stakeholder Survey, October 2025

Preliminary Results



- 13 Respondents
 - Survey closing Friday, October 24
- Top issues:
 - Workforce, Border Crossings, Truck Parking
- Trends and Opportunities:
 - Tariffs, electrification, environment, connected/automated trucks, etc.

Identifying & Analyzing Freight Trends

Highlighting Patterns and Changes.



The SFP will communicate these issues and assess their impacts to future freight conditions in the state and neighboring states, Mexico, origin/destination pairs, export/import impacts such as through California

The SFP will address important patterns, such as upward, downward, or stable trends, enabling quick and informed analysis

10. What trends and issues should Arizona address in the next freight plan? You may submit as many suggestions as you wish.

Designated lanes
for freight

New higher bridge
structures. Need to
clear a variety of
truck dimensions.

Truck parking

Freight tariff paid to
truckers under the
average cost per
Mike

Need for truck
parking

Alternative Routes for
Freights on the
highway's system, more
corridors, strict lanes
for all freights

economic shifts

More
infrastructure for
large trucks

Truck parking
capacity

Sustainability

Continued focus
on safety.

Expanding
capacity

Electrification

More emphasis
on safety
improvements

workforce and
labor

Litter / Waste
Disposal

Expanding the
number of power
plants for
electrification

Infrastructure for
autonomous
vehicles (V2X) and
more
data/information

TPAS along I-8
and I-40.

Oversized and
overweight
vehicles

Additional lanes in
rural AZ for
handling truck
operations and
traffic increases.

Electric charging
stations.

Trash and litter from
stopped trucks on
sides of roads and
ramps.

Technology
integration

Improve freight data collection,
quality, and postprocessing by
considering conducting own
freight/truck survey within and at the
borders of the state.

Multimodal alternatives for in-
state and Crossborder
operations, increase GVW
weight above 80,000 pounds,

roadway
bottlenecks

Rising threat of cargo theft, need to
have more technology to protect
freight and the people who move it.
Autonomous trucks will also be
targeted for cargo theft.

Contact Information

For SFP & ADOT freight program information:

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Thank You!



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TRANSPORTATION