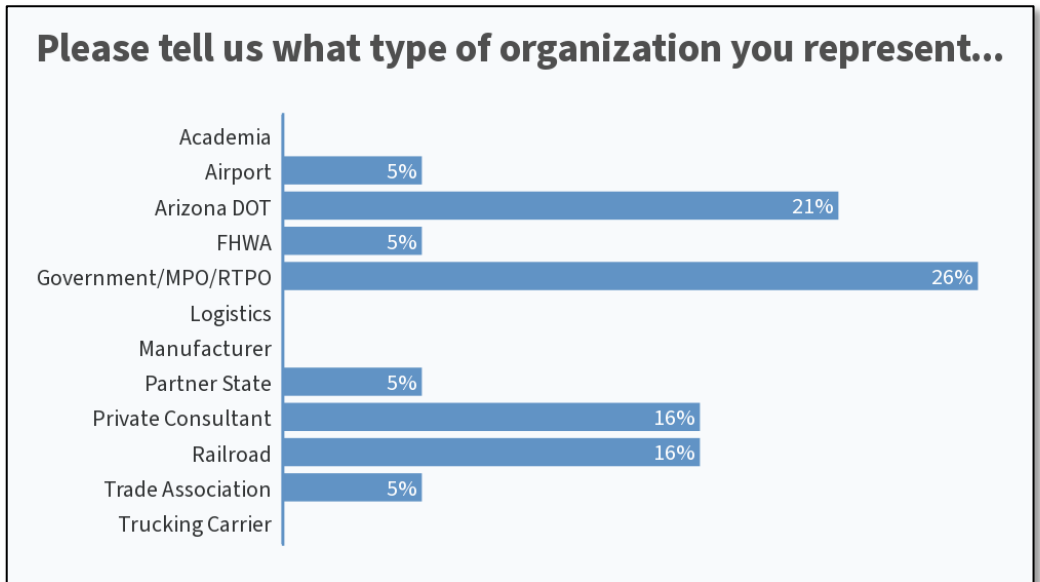


Summary

More than 40 people, including stakeholders and study team members, attended the third Freight Advisory Committee meeting on February 22, 2022, via Zoom. The graphic at right shows the composition of participants.



Presentation Topics

- Final Arizona State Freight Plan Vision and Goals
- Bottleneck Identification Map
- Freight Forecast Updates
- Next Steps

The presentation is available at <https://azdot.gov/sites/default/files/media/2022/08/state-freight-plan-presentation.pdf>.

Key Takeaways

Final Arizona State Freight Plan Vision

Arizona’s freight transportation system enhances economic competitiveness and quality growth through innovation and effective system management.

Final Arizona State Freight Plan Goals

SAFETY: A safe and secure freight transportation system

SYSTEM MANAGEMENT and 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

Bottleneck Identification Map

The study team provided a map online that the meeting participants could view live. The team then posed several questions to the FAC. The questions, as well as the answers provided by the FAC, are as follows:

What Phoenix area bottleneck locations are missing?

- The entire I-10 West corridor out to SR-85
- I-10 between Casa Grande and 202
- 101 SB/NB between 202 & US 60
- I-10 from SR 587 to SR 85

What Tucson area bottleneck locations are missing?

- I-10 and Cortaro
- I-10 TIs at Cortaro, Kino, Craycroft.
- Cortaro TI

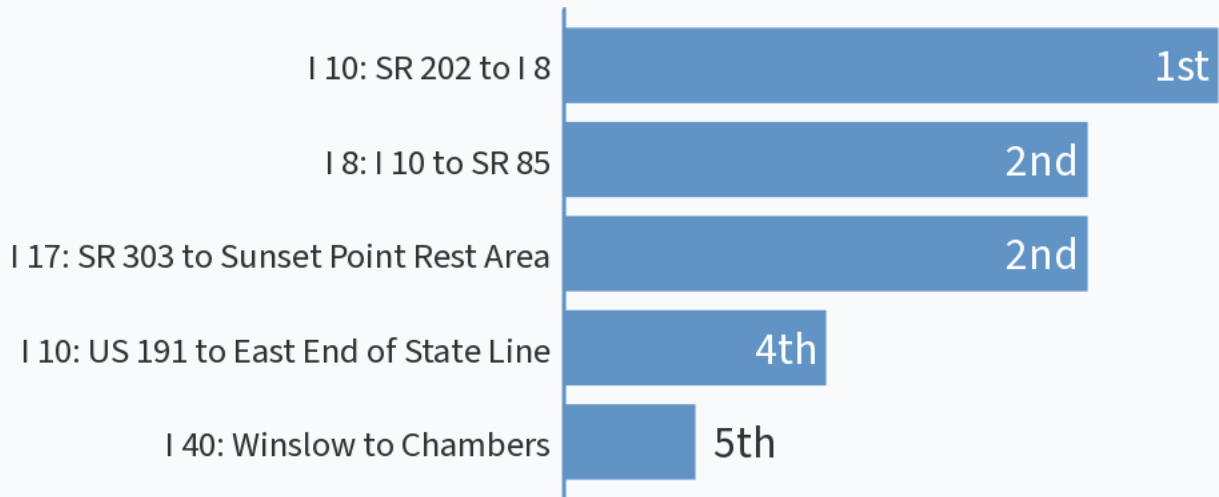
What Greater AZ bottleneck locations are missing?

- 95 and Cesar Chávez
- I-10 on the Gila River reservation north of Casa Grande to the 202
- Downtown Flagstaff
- Ruby and Rio Rico TIs on I-19
- US 95 between Ave 8e to Aberdeen Rd and up to Quartzsite
- Cesar Chavez (Juan Sanchez or County 23rd St) at Ave F San Luis
- I-19 at Ruby Road/East Frontage Road
- I-19 at Ruby Road and West Frontage Road
- SR 387 and Cottonwood Rd; Casa Grande, I-10/ Sunland Gin/Arica Rd; Eloy

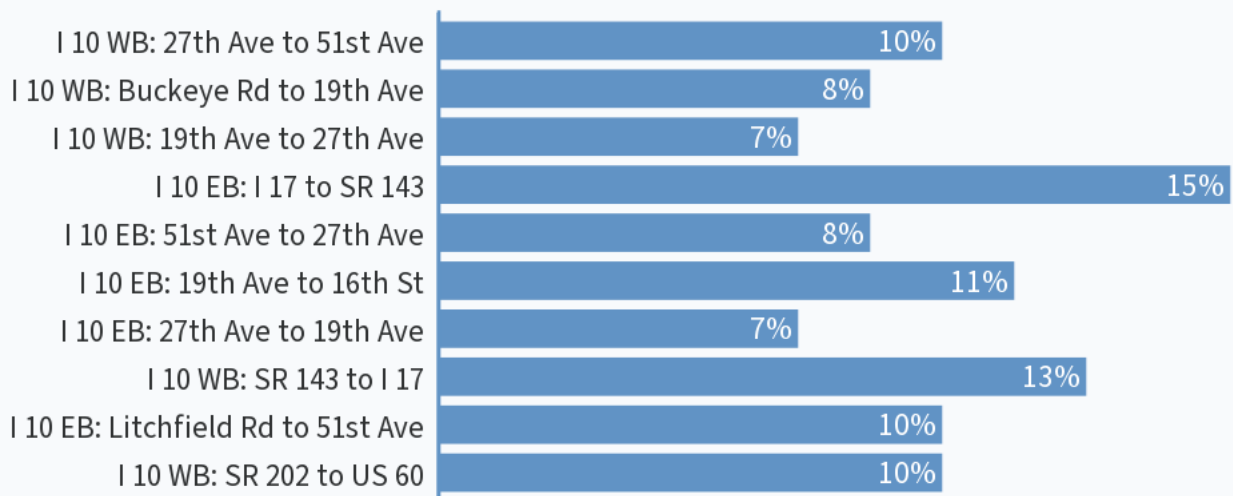
What priority truck restriction bottlenecks are missing?

- Milton Road Railroad Underpass height restricted at 13'8"

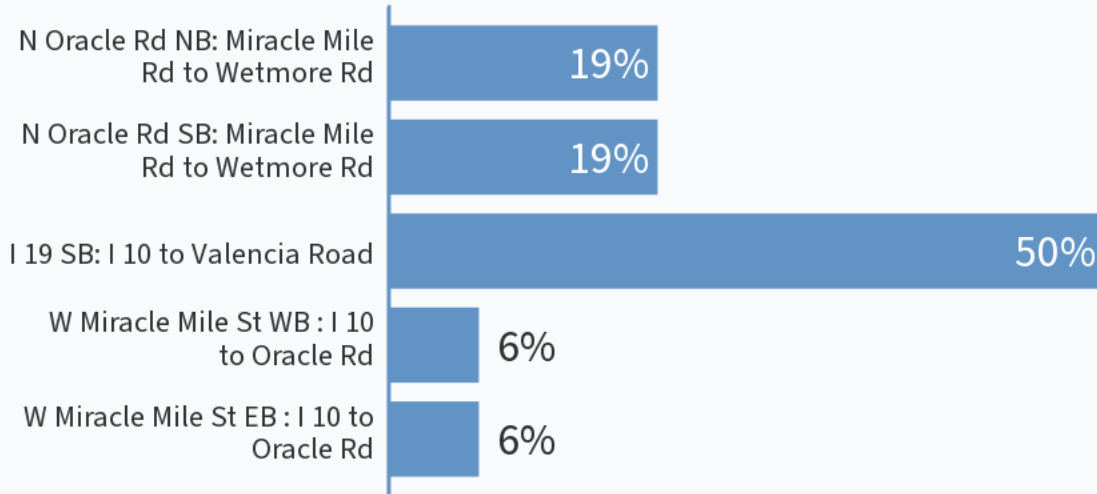
Which truck restriction bottleneck locations or corridors are the highest priority?



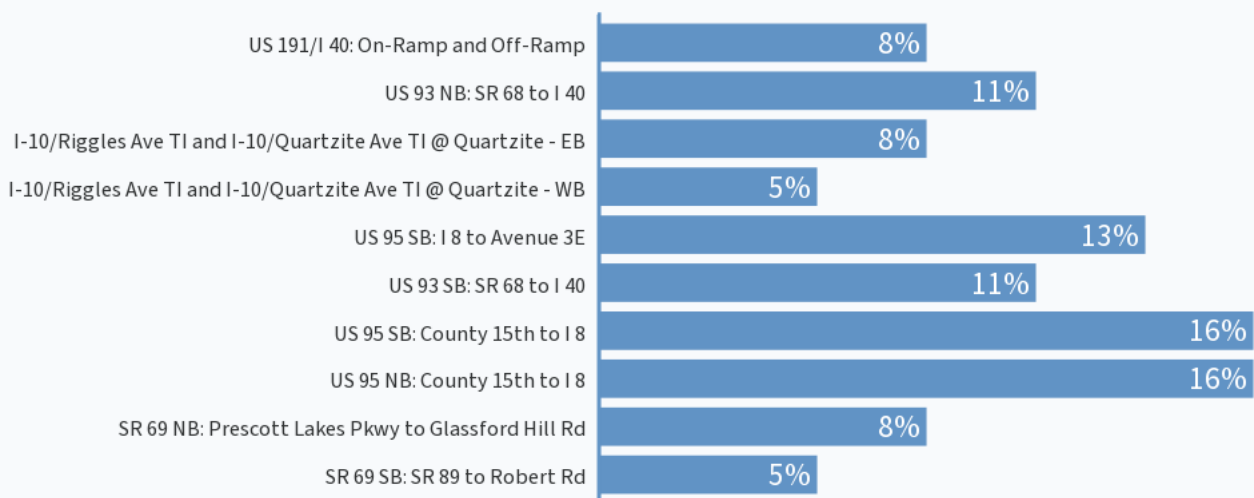
Which of the top ten Phoenix area bottleneck locations do you agree with? Select all that apply.



Which of the top five Tucson area bottleneck locations do you agree with? Select all that apply.



Which of the top ten Greater AZ bottleneck locations do you agree with? Select all that apply.



Freight Forecast Update

- The data presented are extracted from Transearch 2019, IHS Markit's proprietary database of domestic commodity flows.
- Transearch combines econometrics and transportation industry data to forecast commodity flows of domestic and import and export goods movement at the county-by-county level.
- Data is reported at the Standard Transportation Commodity Code (STCC) 4 level
- Commodity flow forecasts are assigned to modes of transportation (truck, railroad, inland-waterway barge, and air) and routed on the transportation network.
- Goods covered in flow forecasts include domestic legs of exports and imports, but only those links to and from the points of exit/entry. Imports and exports destined or originating in Canada or Mexico are also included.
- Railway totals are developed using STB private waybill data

Commodity Flow Highlights

- Through traffic has the highest share of tonnage at 51% in 2019 and 54% in 2045; In terms of value this share is even higher at 73% in 2019 and 71% in 2045
- Truck flows account for 70% of tonnage moved in Arizona and 45% of value
- Commodities moved on the rail network account for 30% of total tonnage and 49% of total value
- Commodities moved by air will have the highest growth by 2045 (3.4% CAGR). Truck and rail will have similar growth of 1.8-1.9%.
- Top commodity shipments in the state: freight of all kind, gravel and sand, grain, coal, and petroleum products