

**Freight Advisory Council (FAC) Meeting Notes
May 21, 2019**

Location: Colorado Department of Transportation Head Quarters, 2829 W. Howard Place, Denver, CO 80204, East Auditorium

Date/Time: May 21, 2019, 1:30 pm to 3:30 pm

FAC Chair: Jenyce Houg

Attendees: See Attachment A

Agenda Items Presenters/Affiliations	Discussion Highlights	Actions
Welcome and Introductions (Jenyce Houg, FAC Chair)	<ul style="list-style-type: none"> • Jenyce Houg, FAC Chair welcomed attendees and thanked people for coming to the meeting. Attendees then introduced themselves. 	N/A
Officially Recognition of New FAC Members (Jenyce Houg)	<ul style="list-style-type: none"> • Jenyce had the new members of the FAC introduce themselves: Tim Hester of Denver International Airport, Jeff Sogar of Amazon, Ozzie Mazzuca of Werner Trucking, and Robyn Smith of May Trucking, Craig Boyle of Walmart, Paul Cristina and Matt Keim of BNSF. 	N/A
Agenda Overview and Meeting Goals (Jenyce Houg, FAC Chair)	<ul style="list-style-type: none"> • The main purpose of this FAC meeting is to take care of administrative business and then focus on getting FAC input on development of a work plan and to identify initiatives for action in the coming year. The work plan will provide strategic direction for the FAC and result in more robust meetings and share action to benefit industry and freight efficiency in Colorado. • FAC members will specifically prioritize strategies outlined in the Colorado Freight Plan (CFP) and the State Freight and Passenger Rail Plan (SFPRP) to develop a short list of actions for the FAC to champion over the next year. 	N/A
Approval of Meeting Minutes and Agenda - (Jenyce Houg, FAC Chair)	<ul style="list-style-type: none"> • Notes from January 22, 2019 FAC meeting were adopted. 	FAC members adopted January 2019 notes unanimously
Legislative Update SB 19-239 (Andy Karsian, Office of Policy and Government Relations)	<ul style="list-style-type: none"> • Legislature passed in Colorado, SB 19-239 related to transportation Network Company (TNC) and last-mile service (e.g., Uber and Lyft). • CMCA had concerns with the impact of this legislation's impact on CMCA constituents. • Language was added to "not to supplant the work of the FAC" 	

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	<ul style="list-style-type: none"> • In addition, a TNC Study to determine the impacts of TNCs is required along with a stakeholder group to be formed. The study will look into how to reduce Single Occupancy Vehicle trips and increase electrification of TNC vehicles. • The legislation requires that a FAC member will be on the TNC Study stakeholder group. • Legislative updates will be a standing item on the FAC agenda. 	
<p>Lessons Learned Feedback (Michelle Scheuerman, FAC Secretary)</p>	<ul style="list-style-type: none"> • After Jason Wallis, the previous FAC Secretary, left CDOT in January 2019, Michelle Scheuerman, the new FAC Secretary, working with the FAC Chair and Vice-chair, decided after three-years of the FAC, it would be a good time to revisit and re-evaluate FAC protocols, its membership, initiatives and priorities. As a result of the revisit, a FAC lessons learned survey was distributed to FAC members for their input on how to enhance the member experience and effectiveness of this important council. • Key results from the FAC Lessons Learned survey included: <ul style="list-style-type: none"> - Encourage action participation and feedback - Topics should be timely, relevant and critical - Provide advance notice on meeting materials, agendas and schedules - Focus more on freight industry discussion - Give regular updates on planning legislation, projects and other priorities - Consider collaborative discussions and presentations from FAC members - Continue to broaden and expand FAC membership - Develop a FAC newsletter in between meetings <p>In response to the lessons learned exercise the FAC Secretary and FAC Chair recognized that a FAC Work Plan would help in outlining a strategic direction for the FAC moving forward.</p>	<p>NA</p>

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<p>Resetting CDOT’s Planning Process (Tim Kirby and Rebecca White)</p>	<ul style="list-style-type: none"> • New leadership was installed at CDOT in January 2019, after the November 2018 gubernatorial election. As a result, CDOT’s new Executive Director, Shoshana Lew, closely evaluated many practices at CDOT to see if efficiencies could be enhanced. The planning process was one of the processes identified for significant changes. The results are a new statewide planning process that emphasizes: <ul style="list-style-type: none"> - A grassroots process but amplify rural input - Bringing all modes and varying needs into a single statewide conversation. - Avoiding multiple outreach efforts that overlap and speaks in one voice to all CDOT stakeholders. - Putting small projects on same footing as mega projects - Identifying what Coloradans want from their transportation system and what projects best deliver that vision. - Overall – CDOT’s goal is to develop <i>a 10-year pipeline of projects, inclusive of all modes, informed by both a data-driven transportation needs assessment, and public and stakeholder input.</i> - This summer is a summer of outreach to 64 counties and 10 rural Transportation Planning Regions. - YourTransportationPlan.com – Connection. Choice. Colorado for all. Rebecca White, CDOT Division of Transportation Development Director, provided an introduction and demonstration of the 2045 Statewide Plan website and a transportation survey on the website where the public can participate in surveys about transportation needs and their vision for Colorado. - The role of the FAC in the planning process is to provide input as key stakeholders to the planning process by participating at YourTransportaitonPlan.com website survey and attending key stakeholder meetings this summer. 	<p>FAC members are requested to go online and participate in the planning survey and attend County, TPR, and community pop-up events this summer.</p>

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	<ul style="list-style-type: none"> - The Statewide Plan and the 10 rural Regional Transportation Plans will have freight sections and FAC input will be solicited on these sections. • FAC Input: <ul style="list-style-type: none"> - Add "rail" to the freight box on the map page. Alternatively, it could just say freight instead of specifying trucks only. Similarly, add "passenger" to the rail/transit box. - Add an email address to the last page. Therefore, CDOT can establish your transportation plan email account. The lead to this would be something like "Have more to tell us? Please send an email to...." CDOT planning staff would then need to monitor this account and oversee responses. 	
<p>Rail Working Group (David Krutsinger)</p>	<ul style="list-style-type: none"> • FAC members representing the freight rail industry saw a need to better focus on freight rail issues and needs within the FAC. As a result the FAC leadership has committed to integrating freight rail more into FAC discussions, activities, initiatives, and strategies. • The main purpose of integrating rail into the FAC is to: <ul style="list-style-type: none"> - Expand multimodal representation of the FAC - Identify new rail interest members (e.g., short line railroads, rail shippers, economic development interests) • Establish a FAC Freight Rail Working Group <ul style="list-style-type: none"> - Informal group to guide Rail Plan implementation - Champion initiatives, actions, and projects - Coordinate with rail interests and FAC - Advocate for grants and other opportunities • Work Group members proposed include: Mike Ogborn, Pete Rickershauser, Sara Cassidy, Steve Gregory, Wally Weart, and Jeff Van Schaick 	<ul style="list-style-type: none"> • Schedule Freight Rail Working Group Meetings in the overall FAC Work Plan. • Develop schedule based on input from today's meeting.
<p>Developing the FAC Work Plan (Evan Enarson-Hering, Michelle Scheurman)</p>	<ul style="list-style-type: none"> • A FAC Work Plan is a key concept to assist the FAC with addressing issues associated with the results of the FAC Lessons Learned survey. The principle rationale behind development of a work plan is to align with CDOT's Work Program (that has Statewide Planning and Research 	<ul style="list-style-type: none"> • Develop approach via FAC Steering Committee to develop FAC Work Plan based on input from this FAC meeting.

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	<p>(SPR) funds to support freight planning. The concept is to develop a regular and recurring process to establish priorities and actions for the FAC by:</p> <ul style="list-style-type: none"> - Providing predictability and consistency for standing action items - Focusing energy and efforts of members and staff - Aligning with opportunities (events, speakers and conferences, etc.) - Expanding the impact and return on investment of time to members - Advance implementation of actions and initiatives. <ul style="list-style-type: none"> • Key work plan elements include: Standing Items and Regularity Requirements, Electives and Events, Meeting topics and speakers, and priority initiatives and actions. • FAC members were handed sticky notes and asked to provide their initial thoughts (what pops into their minds first) on five key elements of the work plan related to upcoming FAC meeting opportunities that included: 1) future meeting topics, 2) conferences and events, 3) guest speakers and site visits, 4) new members, and 5) information and updates. See Attachment B for the results of this exercise. 	<ul style="list-style-type: none"> • Schedule FAC meetings that are three hours long and held quarterly.
<p>Identifying FAC Priorities in order to implement freight and rail plans</p>	<ul style="list-style-type: none"> • The next exercise was to prioritize strategies identified in the freight and rail plans. • Strategy goal areas included: safety, mobility, economy, maintenance, freight rail, and sustainability for the movement of goods. • For freight rail strategies that were reviewed, the Rail Working Group came together to review the State Freight and Passenger Rail Plan freight rail strategies, which were numerous, and identified the most important ones to prioritize with the FAC members. • While prioritizing freight and rail plan strategies FAC members were also asked to keep in mind: <ul style="list-style-type: none"> - Focusing on high-level concepts - All actions and ideas are important - Consider actions in terms of urgency, impact, and feasibility 	<ul style="list-style-type: none"> • Prioritize CFP and SFPRP strategies for short, mid and long-term implementation.

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	<ul style="list-style-type: none"> - Think about quick wins and near-term opportunities • Next FAC members using their cell phones were polled on how they rank the CFP strategies in level of importance. See Attachment C for the results of the polling exercise for prioritizing each strategy. 	
<p>Next Steps (Jenyce Houg, FAC Chair)</p>	<ul style="list-style-type: none"> • Next FAC Steering Committee is June 25, 2019 • Information garnered from Appendices B and C will be reviewed, evaluated, and considered when developing a draft work plan for the FAC. • CDOT staff will develop a draft FAC Work Plan for the FAC Steering Committee to review during their next meeting scheduled for June 25, 2019. 	<ul style="list-style-type: none"> • Develop FAC Draft Work Plan

DRAFT

**Attachment A - Freight Advisory Council (FAC) Meeting Attendance
5-21-2019**

Check (if in Attendance)	Last Name	First Name	Organization
Current FAC Members			
	Bailey	Grier	CO-WY Petroleum Marketers Assoc.
X	Beedy	Gary	STAC Eastern TPR
	Boyle	Craig	Walmart
	Brittin	Doug	Denver Transportation Institute DU
X	Brown	Laurie	Precision Logistics
X	Cassidy	Sara	Union Pacific Railroad
X	Cristina	Paul	BNSF Railroad
	Fiser	Kristal	UPS
X	Fulton	Greg	Colorado Motor Carriers Association
X	Dittman	Leonard	Colorado State Patrol
X	Gerwitz	Karen	Denver World Trade Center
	Gregory	Steve	Iowa Pacific/San Luis and Rio Grande Railroad
X	Hester	Tim	DEN (Denver International Airport)
X	Houg	Jenyce	FAC Chair, Houg Company
X	Kiely	Joe	Ports to Plains
X	White	Rebecca	CDOT DTD Director
X	Mazzucca	Ozzie	Werner Trucking
X	Ogborn	Mike	FAC Vice Chair, Ogborn Consulting
	Rich	Tim	Western Slope
X	Rickershauser	Pete	BNSF Railroad Representative
X	Spaulding	Carl	Renewable Fiber
X	Steen	Norm	PPACG, Teller County
X	Smith	Robyn	May Trucking
	Schurr	Volker	Seko Logistics
X	Sogar	Jeff	Amazon
	Stevens	Jessica	Ryder
	Van Schaick	Jeff	Genessee Wyoming Railroad
	Killgore	Jake	Miller/Coors
X	Weart	Wally	Retired Railroad Advocate
Other Attendees 05-21-2019 FAC Meeting			
Check (if in Attendance)	Last Name	First Name	Organization
X	Bustow	Aaron	FHWA
X	Kirby	Tim	CDOT Multimodal Planning
X	Scheuerman	Michelle	CDOT, FAC Liaison
X	Krutsinger	David	CDOT DTR Director
X	Sakaguchi	Tracy	CMCA
X	Collins	Kathleen	CDOT Statewide Planning
X	Wilson	Bob	CDOT Communications

Other Attendees 05-21-2019 FAC Meeting

Check (if in Attendance)	Last Name	First Name	Organization
X	Hurst	Craig	CDOT OS/OW Permits
X	Helfant	Matthew	DRCOG
X	Mattson	JoAnn	CDOT Region 1
X	Karsian	Andy	CDOT OGPR
X	Enarson-Hering	Evan	FHU
X	Keim	Matthew	BNSF
X	Streisfeld	Lisa	CDOT HQ
X	Hilaire	Jeanette	DEN
X	Dittman	Leonard	CSP

Appendix B – FAC Workplan Elements Sticky Notes) Exercise

Sticky Notes have been compiled based on relative categories. **Note: There is some inherent overlap of topics.

Future Meeting Topics

Emerging Technology and Freight, what is changing? What are the implications?

- Autonomous Vehicles
- Vehicle Electrification
- ITS Technology
- Dailmer Truck – new A.A.S. Technology advanced driving systems

Datasets – Differences and Usage and Modeling Tools

- DOLA demographic data and trends
- FHWA – Freight Analysis Framework information
- Chicago Bridge Height Model

Freight Rail

- Grade separations – Section 130 dollars and other safety projects to eliminate or mitigate interface with freight railroads.
- Report on Short Line Railroads and what they do.
 - SW Chief – SWCFRPR
 - State Rail Plan
 - SB 239..., etc.
 - Ballot Initiatives

Trucking Industry Education and Employment

- U.S. Truck Driving School and Excel Driver Service
- Driver Shortage Dilemma and Challenges

Truck Rest Stops/Fuel Stations

- TA, Petro, Flying J
- Top 5 major issues affecting freight flow safety & efficiencies

Project Selection and Freight Investment Results

- Near future projects (1-3 years)
- NHFP Project Selection Process and FAC early involvement
- Project Updates; e.g. I-70 and I-25 Corridors
- Monitoring Project Results/Performance Metrics

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CDOT Budget

- Overview of CDOT Budget
- Resource Allocation

Other Agency Coordination

- OEDIT – New businesses/manufacturers coming to CO
- Reach out to Chambers regarding future development

Land Use Planning and Freight

- In-land Port Concept
- Aerotropolis /Freight Opportunities & Distribution Centers, Future transportation plans along I-76 corridor and DIA area with projected population growth
- Urban Freight Delivery
- FAC Influence on future transloading site location/development
- Planning efforts impacting freight movement
- Opportunities of Intermodal Connections in Denver
- Focus on “relay points” between freight trains, trucks, air cargo, etc.
- i.e., how is the process getting in/out of intermodal ramps, industrial parks

Last Mile Delivery Discussion & Challenges

- Urban Freight Discussion – Urban Freight Lab
- Future of E-Commerce & retail
- Consolidate last mile delivery data and information
 - How are online ordering impacting delivery models?
 - How are companies changing their model to address increased demand?
 - How can FAC help show this info to external partners?

Safety

- Strategies to reach zero fatalities in the freight sector

Freight Mobility/Movement

- Potential for Freight Lanes – Truck VMT lanes?
- Improve efficiency on mountain corridor routes
- Regional & International Freight movement patterns & ways to affect them.
- Challenging Locations and Hot Spots for Freight

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- Origin & Destination of Freight
- Does the future predict bringing goods into downtown on a much smaller vehicle?

Transportation Network Companies (TNCs) (e.g., Uber and Lyft)

- Electrification of TNCs
- TNC's and their impact on traffic road conditions

Hazmat Transport

- Fuel transport through tunnels

Transportation Funding

- Infrastructure Needs
- Transportation Funding Solutions
- Legislative Possibilities

Other Agency Planning Efforts and Studies

- Overview of DRCOG Freight Plan
- Study/calculate social benefits that accrue when freight moves by rail
 - Avoid highway investment/maintenance
 - Safety
 - Emissions, etc.
- Meeting with MPOs to learn more about regional transportation planning
Identify/review:
 - Policies that help/hinder industrial redevelopment in urban areas or DRCOG region, especially rail
 - Advocate for change based on facts.
 - Policies that help/hinder industrial redevelopment in urban areas or DRCOG region, esp. rail
 - Advocate for change based on Facts

Conferences and Events (also look for collaboration partnering opportunities)

- CDOT Transportation Summit
- National Industrial Traffic Conference
- ATA National Conference
- CMCA Annual Conference
- World Trade Day

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- Western States Transportation Alliance
- Space Symposium

Site Visits

- Miller Coors
- UP or BNSF Distribution Center
- Rail Test Facility
- Ports-to-Plains
- Amazon Distribution Center
- Short Line Railroad
- Major Military Deployments: Rail and air/Fort Carson
- DEN – Air Cargo
- FedEx Distribution Center
- Moffat Tunnel
- Transportation Technology Institute (TTI), Pueblo
- CDOT Traffic Management Operations (Golden)

FAC Community Involvement/Advocacy Efforts

- EDCC Regional Meetings
- Voices of Rural CO: Pro 15, Action 22, and Club 20

Educational Opportunities

- The WTC Denver will be offering a new Incoterms training and can invite members of the FAC if interested.

Guest Speakers

- Other DOT staff experiencing same issues & challenges (Possible Peer Exchange??), TXDOT Freight Director, Carolyn Mays
- ATA, Chris Spear
- ITS America, Shailen Bhatt
- Rocky Mountain Institute
- NCFE – Transf Freight
- EPA Smart way
- Military Logistics
- Bulk Passenger

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Potential New Members

- Shippers, e.g. Purina and Budweiser, Ardent Mills, Con Agra
- Aviation and Occupation
- Health Agencies
- Recruit Omnitrax, WATCO, and G&W Reps
- Rocky Mountain Institute
- National Council of Freight Effect
- CSU Logistics Center
- RAQC
- Commercial Motor Vehicle Insurance Company
- Redwood Logistics
- Noliwit Logistics
- Vehicle Manufacturers representative re: V2I outlook/needs
- Freight hazmat spill clean up company
- Recruit additional FAC members (Short Lines) in particular

Information Dissemination and Updates

- FAC Newsletter
- Legislative
- Truck Parking
- Safety Briefings
- Immediate needs/quick actions/blog, etc., turnaround time



COLORADO

Department of Transportation



Quarterly Meeting

Freight Advisory Council, May 21, 2019

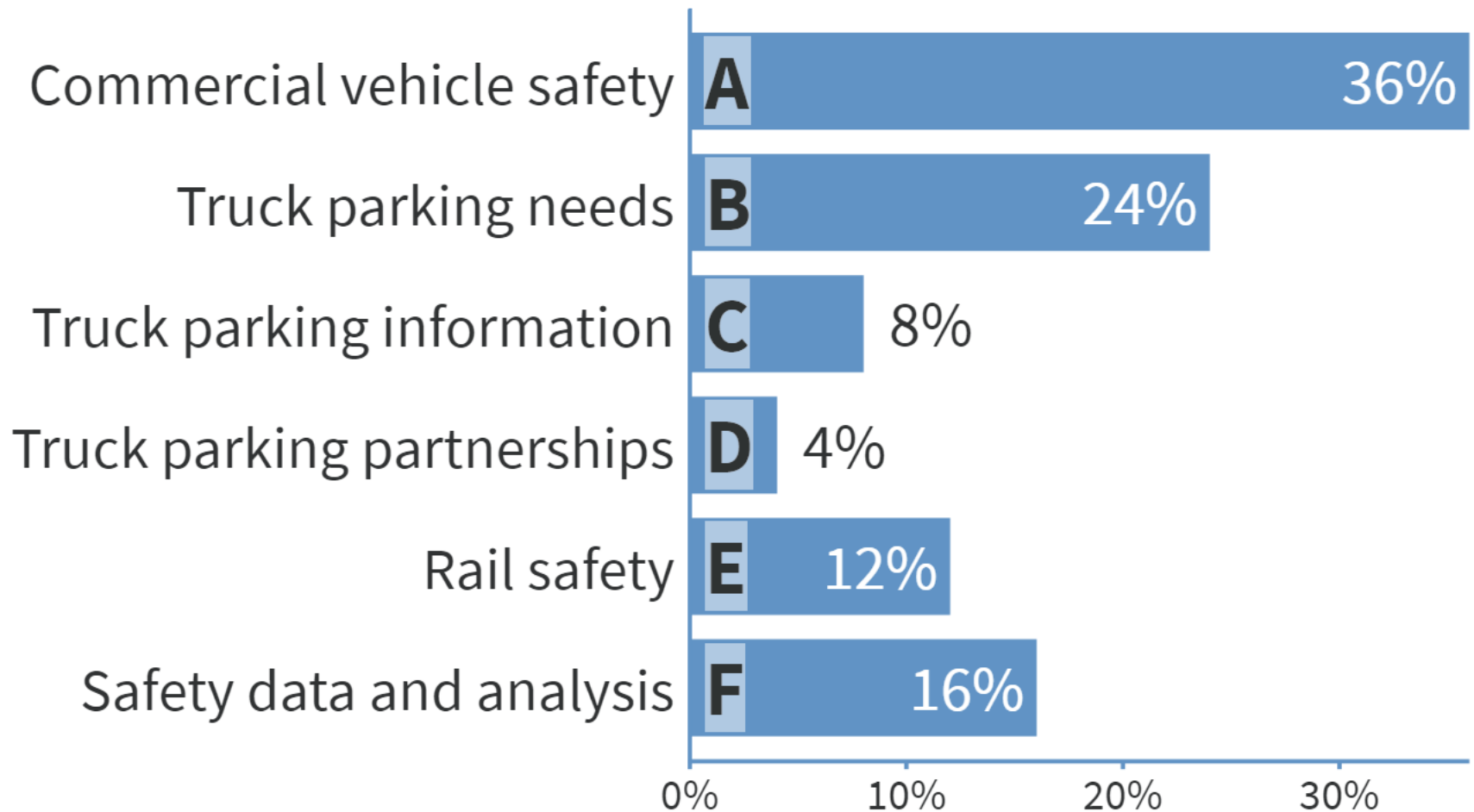


Safety Actions

- **Commercial Vehicle Safety** - Identify commercial vehicle safety hotspots funding within NHFP projects
- **Truck Parking Needs** - Utilize statewide truck parking assessment to prioritize network gaps and solutions for funding and implementation
- **Truck Parking Information** - Design and deploy a Colorado Truck Parking Information Management System
- **Truck Parking Partnerships** - Support private sector partners in exploring innovative pilot programs or public-private initiatives to expand the availability of privately-owned truck parking facilities
- **Rail Safety** - Streamline delivery of the Railway-Highway Crossings (Section 130) Program, including project prioritization and risk assessments for future projects
- **Safety Data** - Enhance internal data and analytical capabilities to identify and assess commercial vehicle safety hotspots and integrate needs into regional and state project selection processes

What safety actions are most critical?

i Poll is full and no longer accepting responses



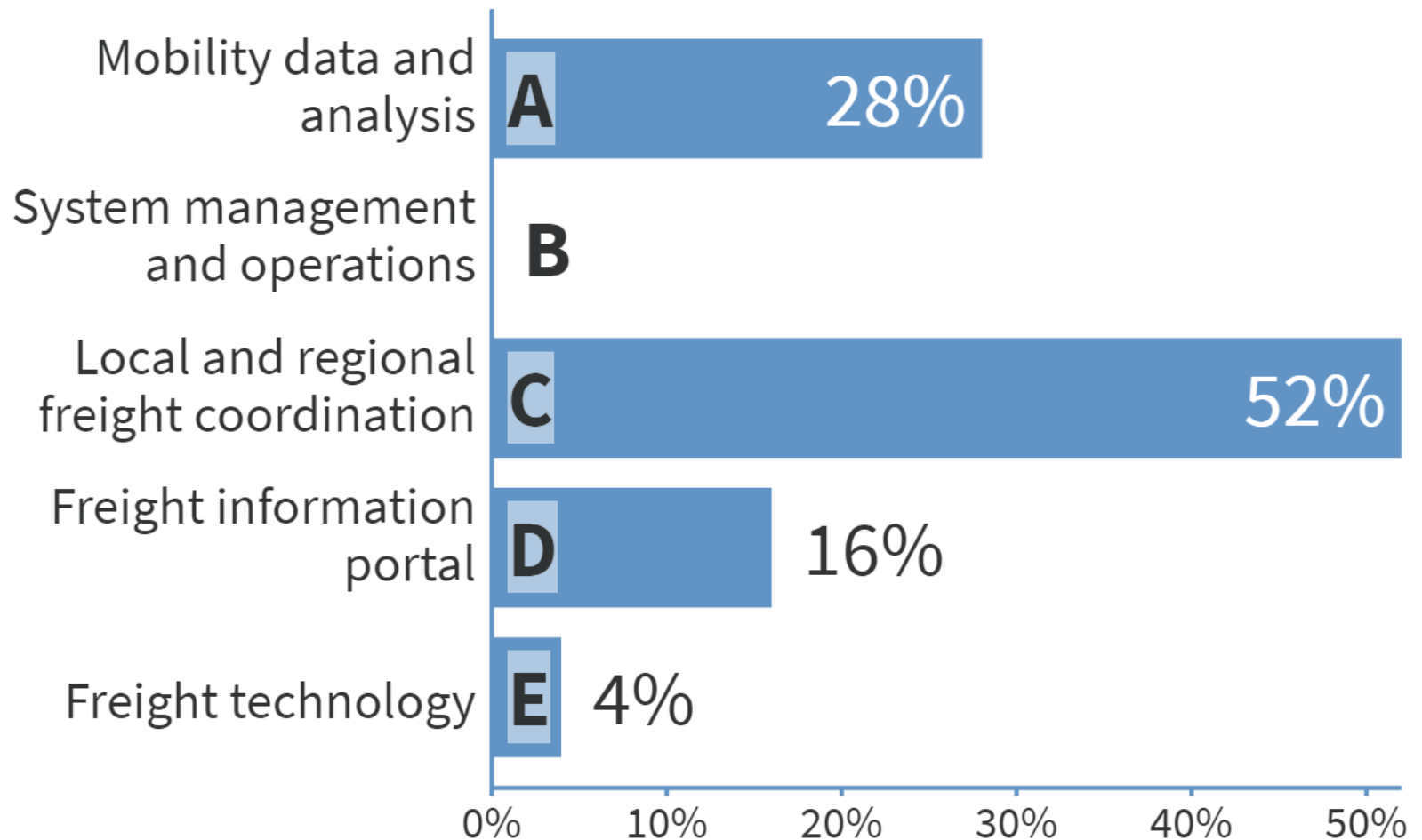


Mobility Actions

- **Mobility Data** - Enhance internal data and analytical methods to identify highway bottlenecks and congestion points that contribute to travel time or reliability issues and link to funding opportunities.
- **Management and Operations** - Continue coordination with CDOT TSM&O and local and regional planning partners to identify potential ITS applications for commercial vehicles and identify opportunities for funding and implementation of projects.
- **Freight Coordination** - Coordinate with local and regional planning partners to address identified local freight issues, including truck parking needs, restrictive freight policies, curb management practices, roadway design, and other mobility constraints.
- **Freight Information** - Develop a statewide freight information platform or portal to disseminate information on freight trip planning, truck routes, real-time travel information, truck parking, safety and capacity constraints, and other information.
- **Freight Technology** - Support private-sector partner efforts to deploy innovative technologies or pilot test freight technologies, including truck platooning, connected commercial vehicles, and other safety and mobility technologies.

What mobility actions are most critical?

i Poll is full and no longer accepting responses



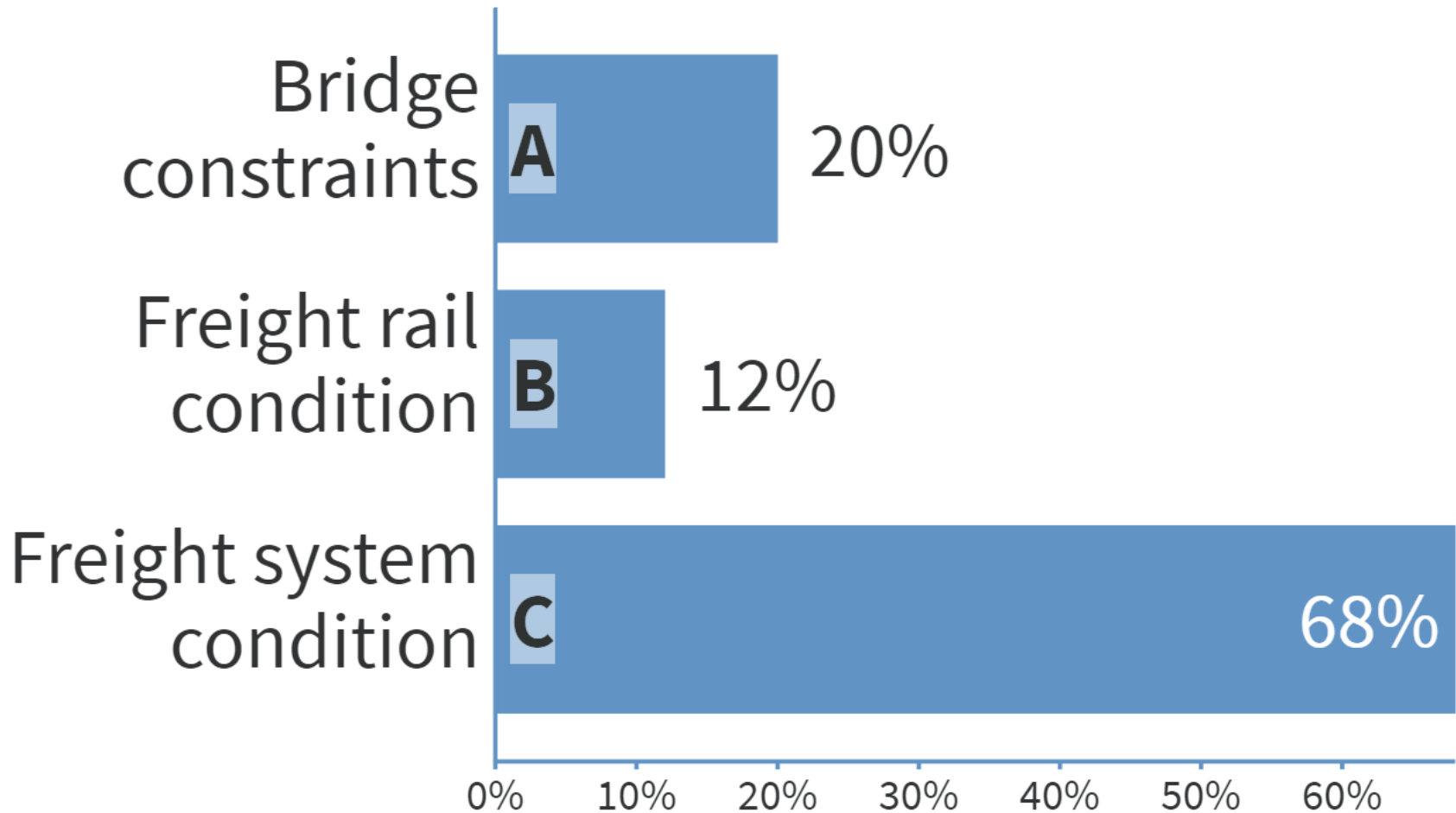


Maintaining Actions

- **Bridge Constraints** - Prioritize and target improvements to low vertical clearance and load restricted bridges and highway assets.
- **Freight Rail Condition** - Develop and implement an assistance program (loan fund, grant program, or hybrid) to fund critical capacity needs and track upgrades for short-line railroads.
- **System Condition** - Identify and implement maintenance and improvement projects on the Colorado Freight Corridors by integrating freight specific projects into current CDOT project development, selection, and funding processes.

What maintenance actions are most critical?

i Poll is full and no longer accepting responses



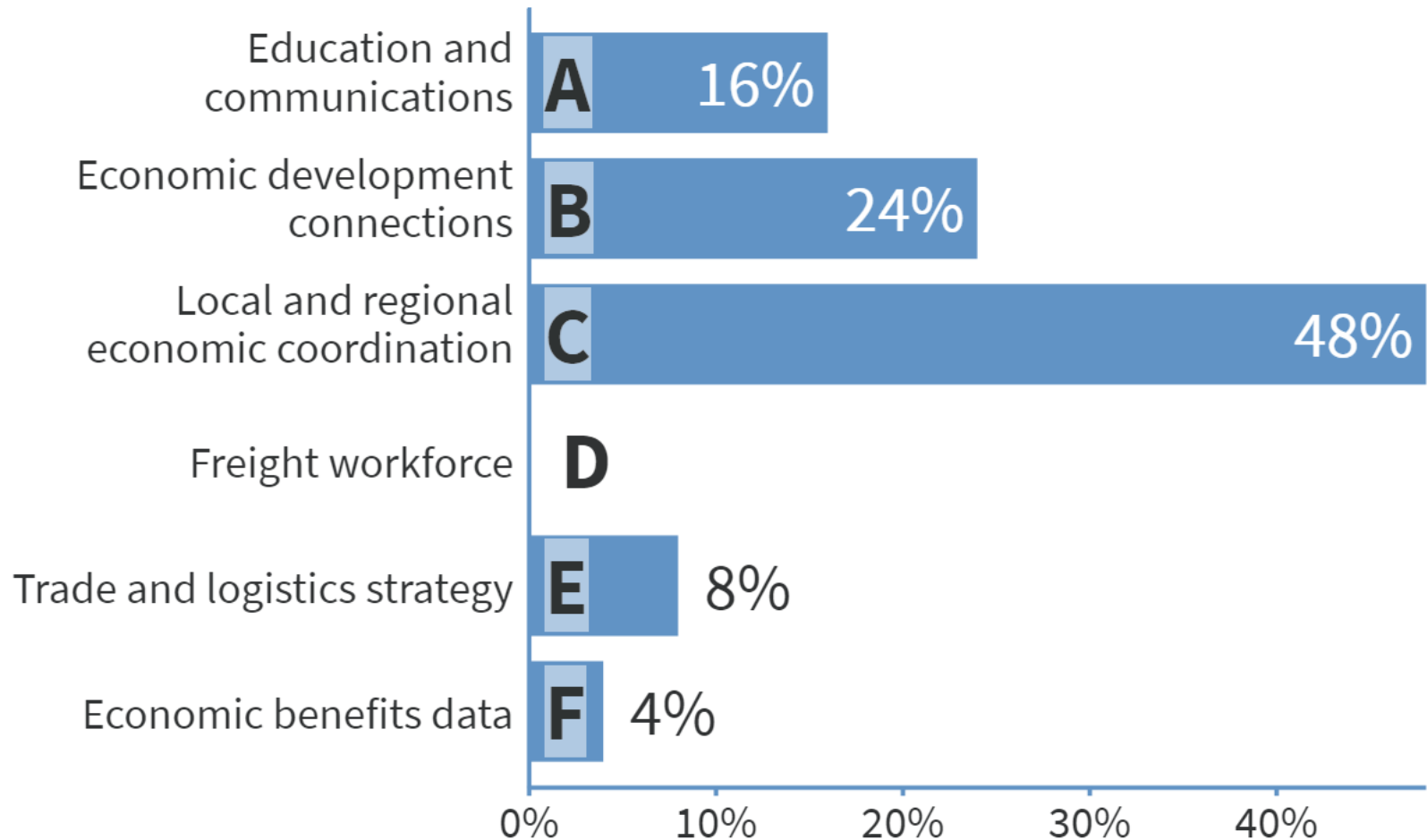


Economy Actions

- **Education and Communications** – Develop marketing strategy, enhance industry partnerships, and create materials to advance Colorado Delivers.
- **Economic Development** - Develop a process to identify potential projects that improve rural and urban economic competitiveness and advance projects into regional planning and project selection processes.
- **Economic Coordination** - Develop ongoing coordination processes with state, regional, and local economic development agencies to identify and advance multimodal freight improvement needs – including connectivity to existing and future industrial, free trade, or economic redevelopment areas.
- **Freight Workforce** - Support public agency partners in evaluating freight and logistics workforce needs developing programs to address specific needs.
- **Trade and Logistics** - Support public agency or civic partner organizations in developing a statewide export, manufacturing, and trade and logistics strategy to support an increase in outbound freight shipments.
- **Economic Benefits** - Develop data and methods to support identification, evaluation, and prioritization of freight projects with economic development benefits or impacts.

What economic actions are most critical?

i Poll is full and no longer accepting responses



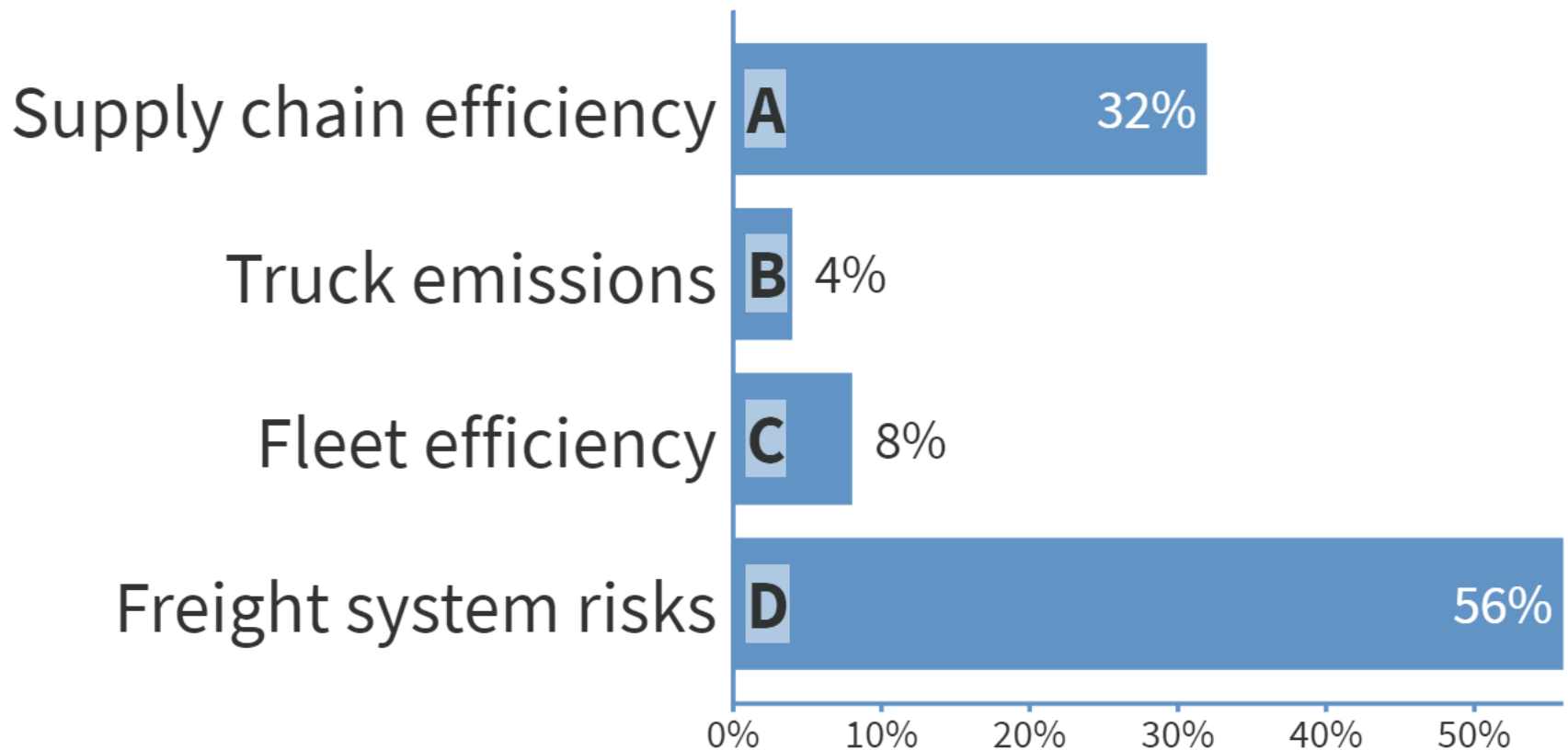


Sustainability Actions

- **Supply Chain Efficiency** - Coordinate with industry partners on opportunities to improve supply chain efficiencies, including load-matching resulting in reduced emissions and environmental impacts.
- **Truck Emissions** - Implement highway mobility improvements to reduce truck delay resulting in excess emissions.
- **Fleet Efficiency** - Identify and partner with FAC on Federal or state grant opportunities for industry to convert or update fleet vehicles (including rail yard locomotives and airport groundside support equipment) or fuel sources.
- **Freight Risks** - Evaluate potential natural hazard risk to key freight corridors and identify redundant routes and necessary improvements

What sustainability actions are most critical?

i Poll is full and no longer accepting responses





Freight Rail Priorities

Short-list of FAC Rail Priorities

- **Integrating Planning**
- **Rail Safety Hotspots**
- **Freight Rail Assistance Program**
- **Shortline Rail Needs Assessment**
- **Future Rail Opportunity Identification**
- **Regular Tactical Rail Coordination**
- **Expand Abandonment and Asset Risk Tracking**

What freight rail priorities are most critical?

Respond at PollEv.com/evanenarson493

Text **EVANENARSON493** to **22333** once to join, then **A, B, C, D, E...**

