



Transportation Stakeholders Group (TSG)

Meeting 1 - March 5, 2014



HDR

**PARSONS
BRINCKERHOFF**



Welcome and Safety Moment

Be aware of your current surroundings



Meeting Purpose

- Introduce the purpose and role of the LRTP
- Identify current and emerging concerns about the performance of the Alaska transportation system



Agenda

- Welcome and introductions
- Plan purpose and overview
 - *Role of the group*
- Group discussion
 - *Vision: plan value*
 - *Current conditions*
 - *Transportation system vision for 2035*
 - *Opportunities*
 - *Risks*
- Next steps

Ground Rules

- Stay on topic, stay present in the moment
- Look for the donut, not just the hole
- Everyone has an opportunity to speak
- Share the air
- Save electronics for the break
- Honor the author and respect the speaker
- Avoid “bar discussions”
- Have fun, and enjoy the process



Plan Purpose and Overview

Plan Purpose and Overview: *Governor's Priorities*

- Live within our means
- Focus on our priorities
- Maintain what we have
- Finish what we started
- Keep Alaska Moving to Keep Alaska Strong

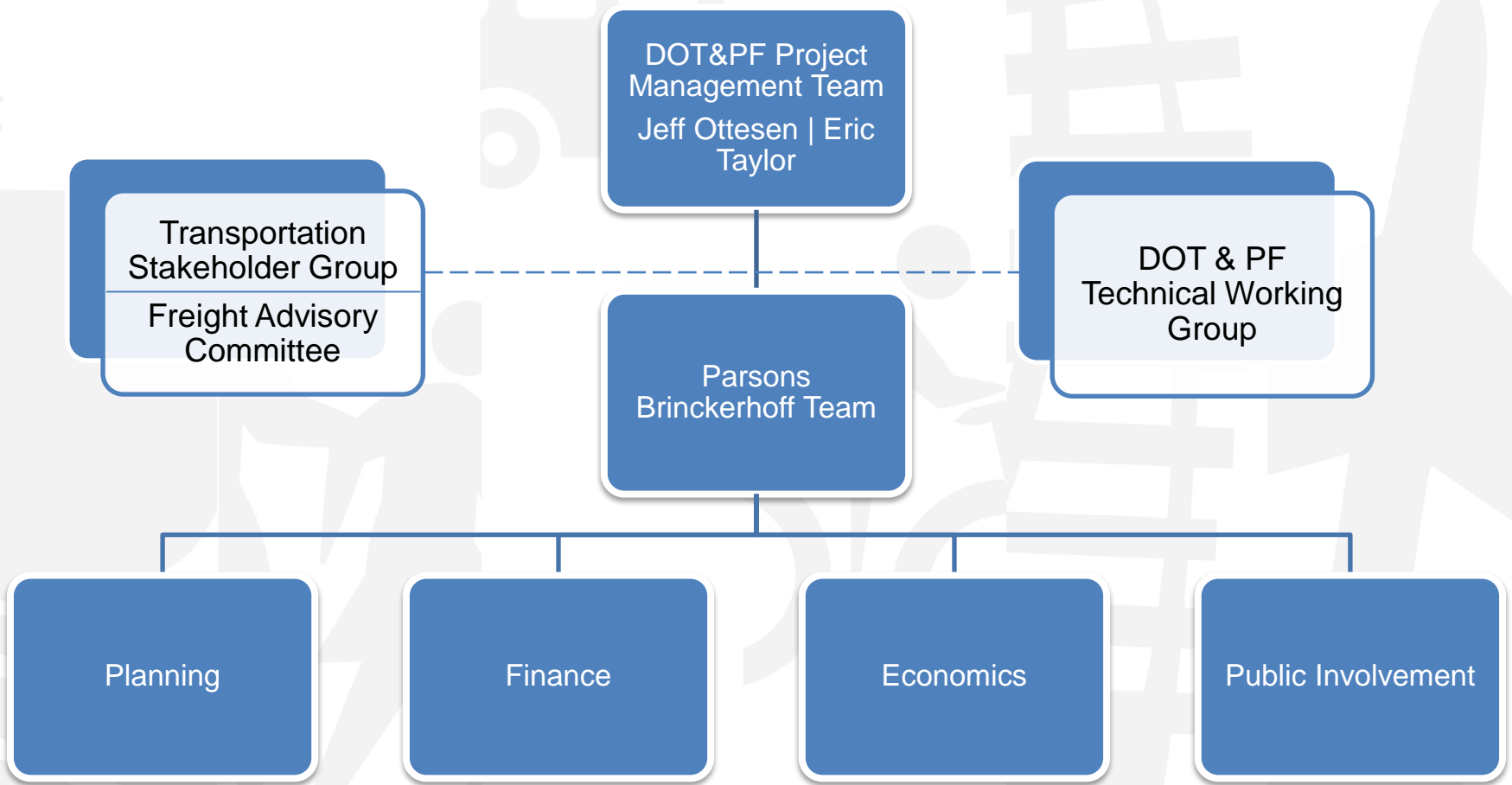
Plan Purpose and Overview

- Address state's role in transportation statewide
- Address MAP-21 requirements
- Align with policy direction for the state
- Don't revisit decisions made
- Provide strategies and actions to link the plan to other detailed plans/goals
 - *e.g. regional plans, strategic plan, performance measures*
- Address all modes
- Address DOT&PF's responsibilities as the owner
 - Realistic | Specific | Guide for other plans***

Plan Purpose and Overview: *Process*

- Build on and improve prior process and analysis approach
 - *More forward-looking trends analysis*
- Address MAP-21 requirements
 - *Performance measures, targets and asset management*
- Establish agreed upon investment priorities
 - *Identify a strategy for funding them*
- Prepare a 10-year capital improvement plan
- Provide mechanisms to better link the plan to implementation

Plan Purpose and Overview: *Organization*



Plan Purpose and Overview: *Roles*

Role of Transportation Stakeholder Group

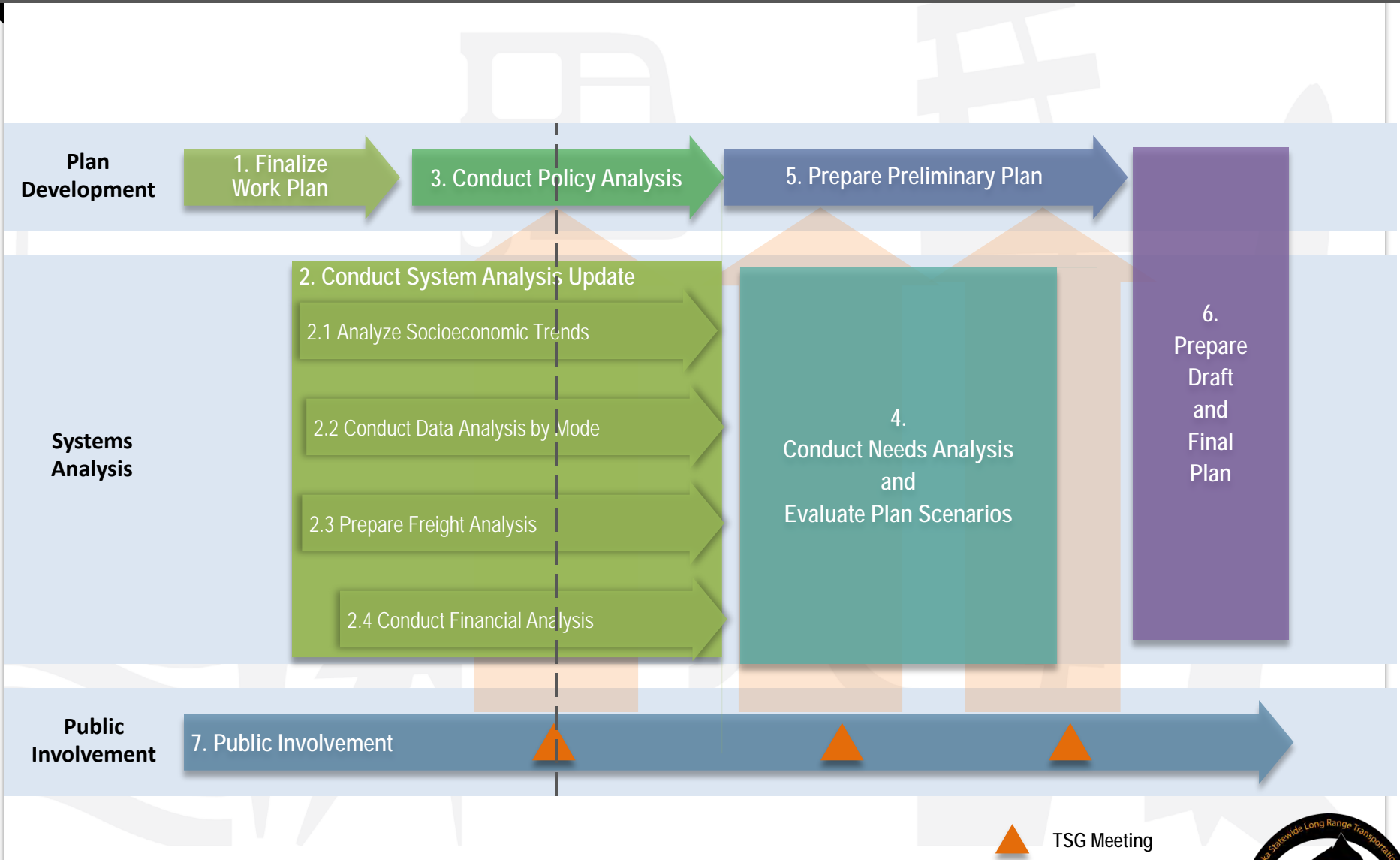
- Provide input to all aspects of the plan
- Enable coordination and collaboration among units of government, owners and operators of Alaska's transportation system
- Help with clear communication strategy for plan
 - *current conditions, funding, strategies, etc.*
- Composition
 - *Cities, Boroughs, MPOs, Municipal league, FHWA, others*

Plan Purpose and Overview: *Roles*

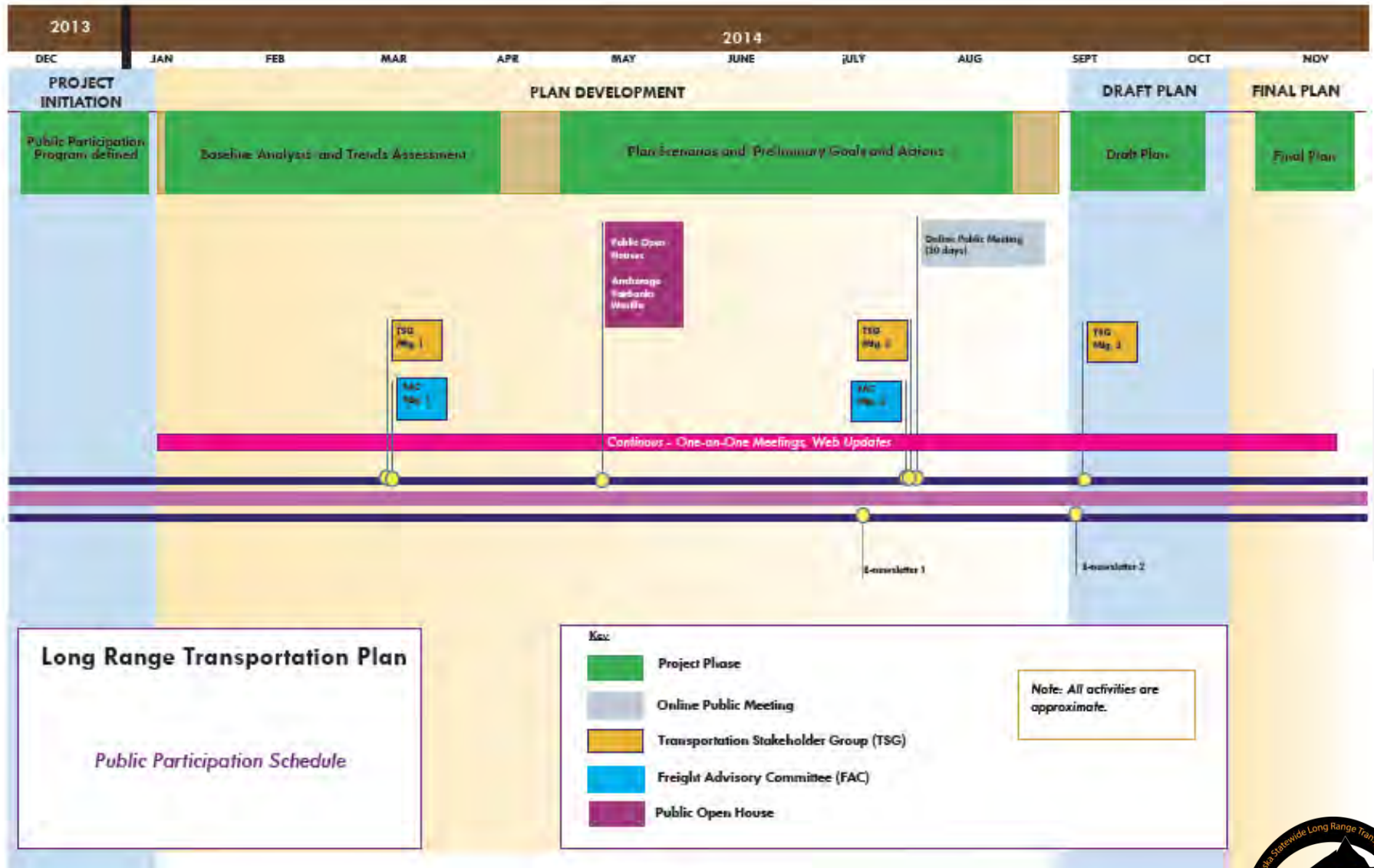
Role of Freight Advisory Committee

- Provide input to freight plan and integration with LRTP
- Enable coordination and collaboration among units of government, owners and operators of Alaska's freight transportation system
- Help with clear communication strategy for the plan
- Composition
 - *Trucking, Railroad, Air Freight, Miners Association, others*

Plan Purpose and Overview: *Approach*



Plan Development and Public Involvement



Plan Development and Public Involvement

Outreach Tools

- Transportation Stakeholders Group (TSG) Meetings
- Freight Advisory Committee (FAC) Meetings
- On-line Open Houses
- E-newsletters
- Website & Communication Materials
- Small Group Meetings and Stakeholder Interviews
- Public Open Houses
 - *Fairbanks, Wasilla, Anchorage*

Plan Purpose and Overview: *Plan Components*

Discussion of planning process and factors

Guiding principles and vision

Policies

Strategies

Actions

10-year investment priorities

Critical statewide needs

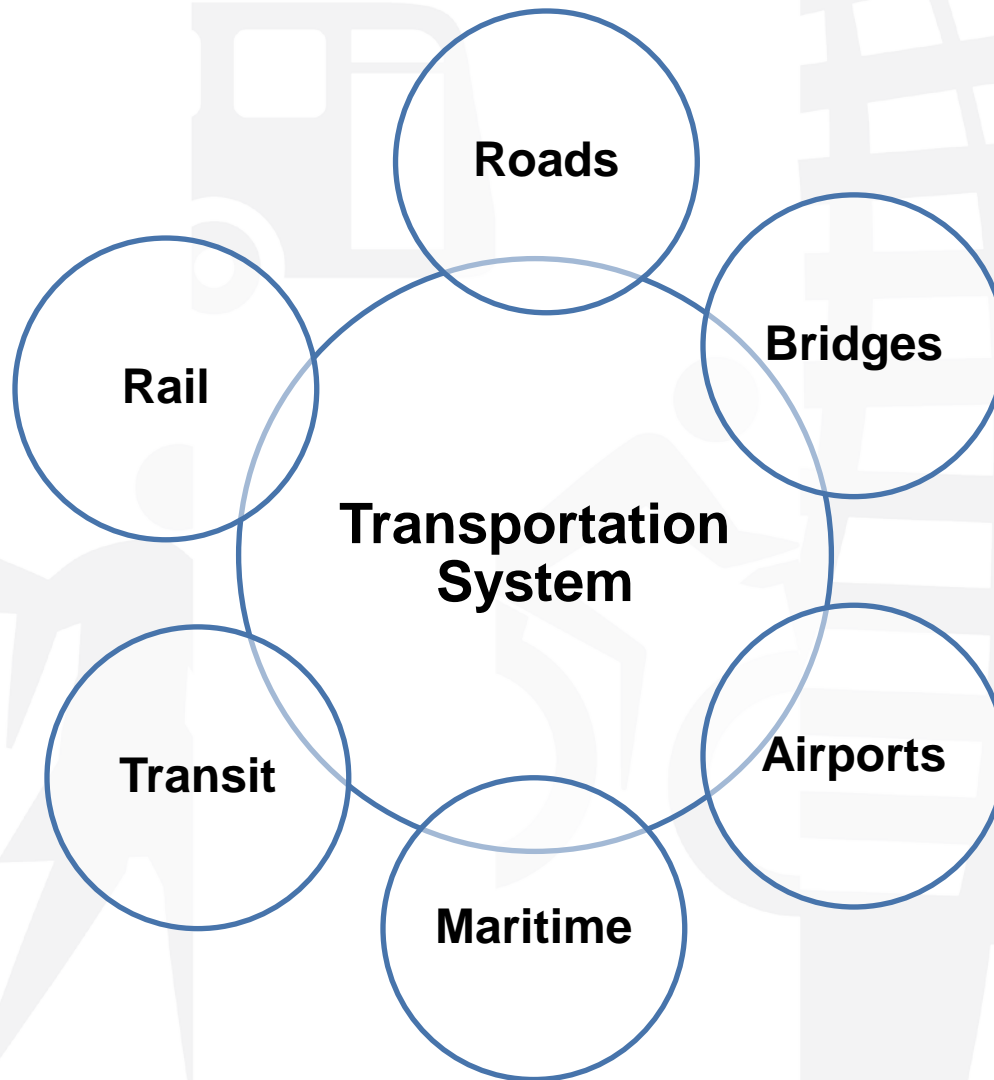
Trends

Current conditions

Integration with other plans

MAP-21 compliance

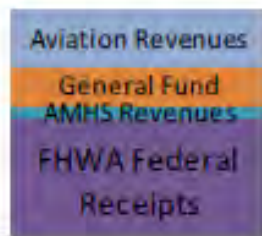
Plan Purpose and Overview: *Integrated Transportation System*



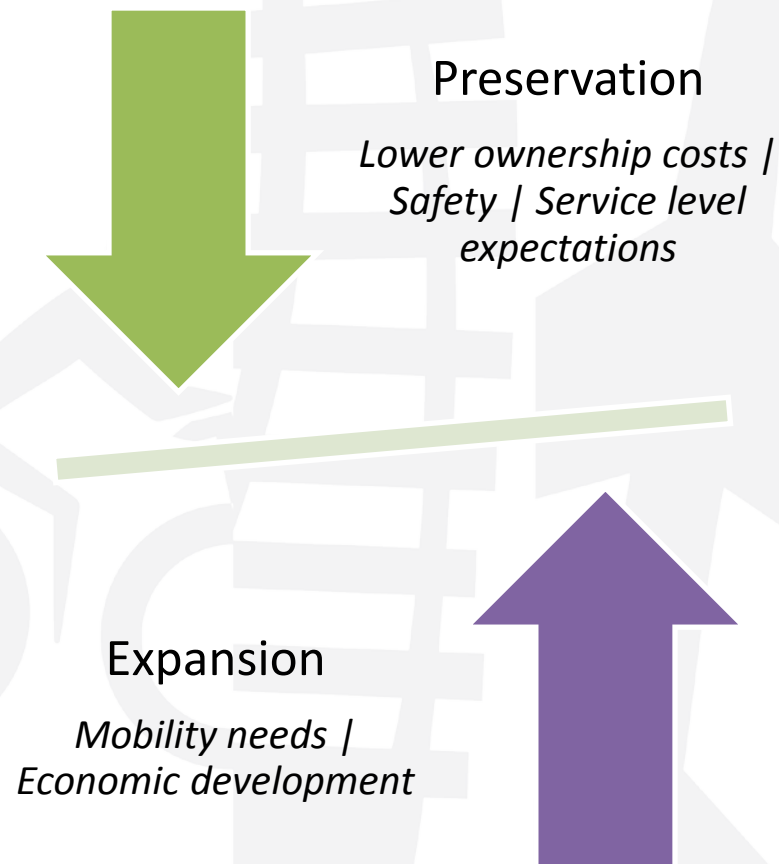
Plan Purpose and Overview: *Address System Challenges*



Needs



Revenues



Preservation

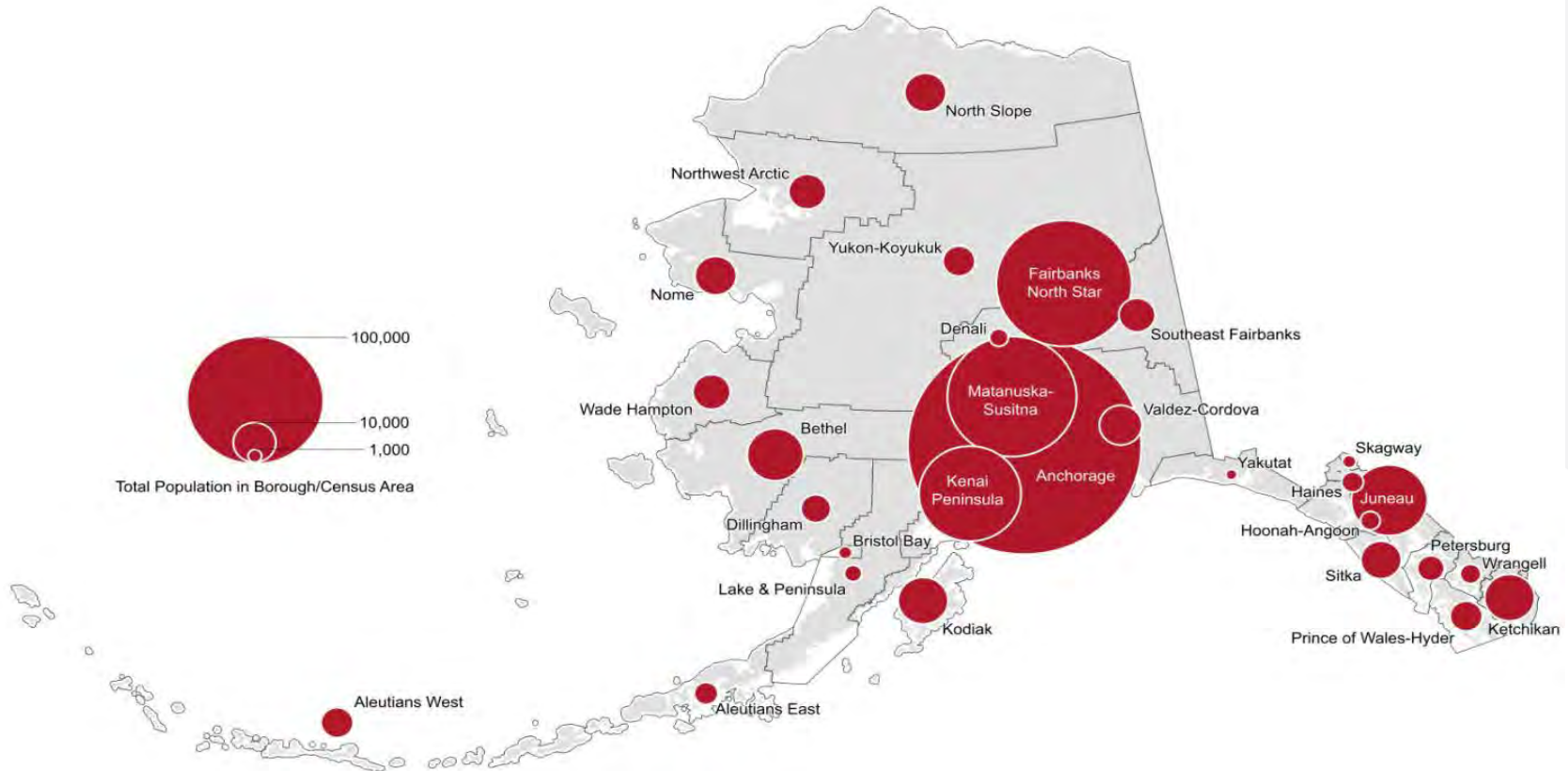
*Lower ownership costs /
Safety | Service level
expectations*

Expansion

*Mobility needs |
Economic development*

Transportation Trends

Total Population by Borough/Census Area

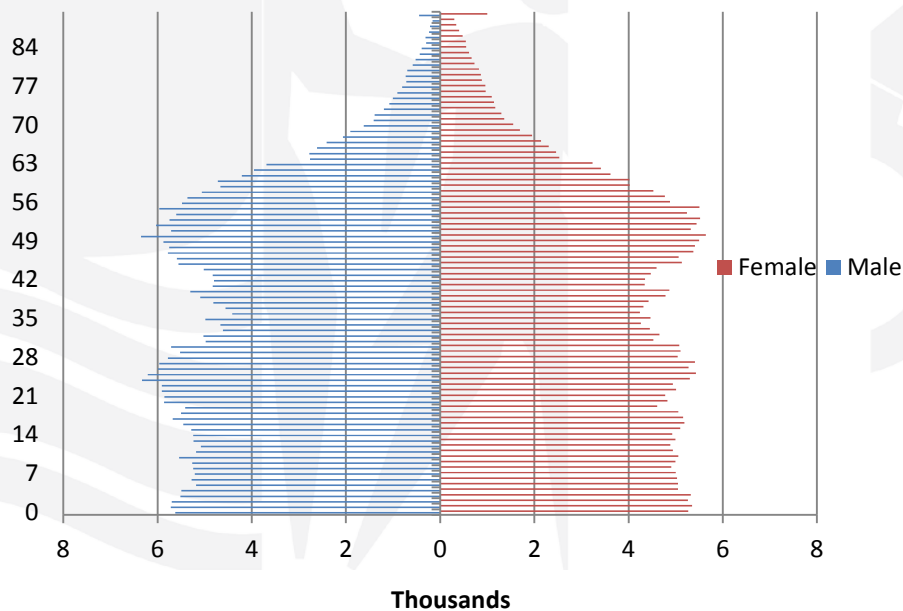


Source: Alaska Department of Labor and Workforce Development, Research and Analysis Section; 2010 U.S. Census

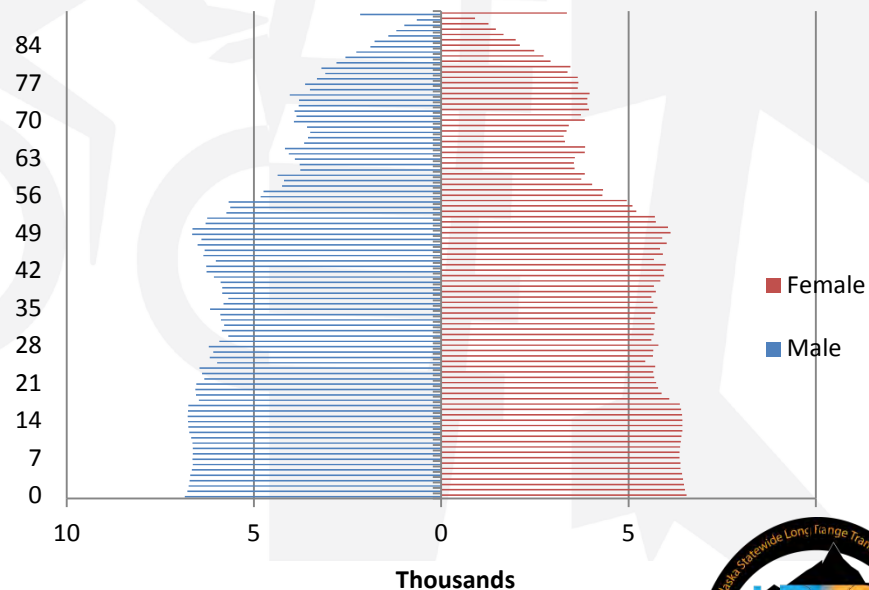
Transportation Trends: *Population by Age and Gender*

- Alaska has the fastest growing population of seniors in the country, which will affect transportation needs
 - A relatively small percentage*
 - Not the fastest aging state*

Alaska Projected Population by Age and Gender, 2010

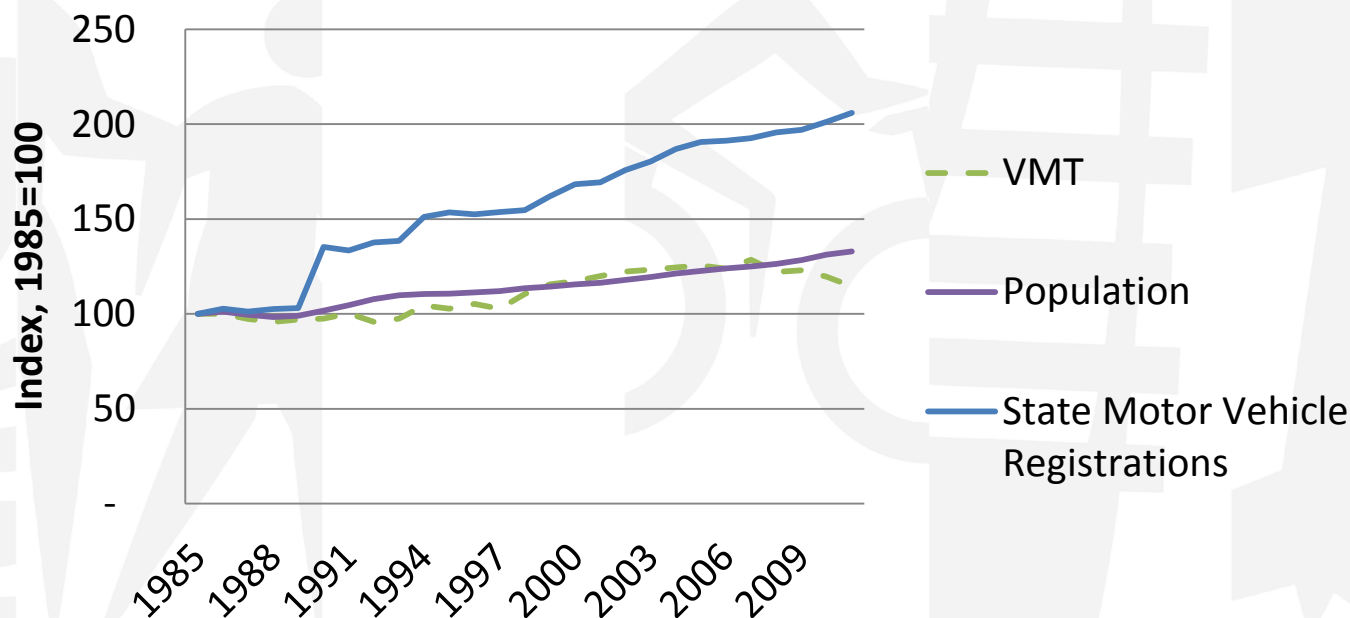


Alaska Projected Population by Age and Gender, 2035



Transportation Trends: *Travel Demand Trends (1985-2011)*

- Number of registered vehicles increasing, but vehicle miles traveled is flat/decreasing
 - *Consistent with national trend*
 - *Partly attributed to economy, people living closer to work, rising gas prices, telecommuting*



Transportation Trends: *Impact on Transportation Needs*

- 28% growth in population (2011-2035)
 - *65+: 300% | 18 – 64: 11% | 0 – 17: 26%*
- Increase in new potential drivers higher than U.S. average (6%)
- Increased demand for public transit, especially in urban centers – much higher than U.S. average
- Need for improved statewide connectivity and integrated transportation system
- Need for additional capacity in urban areas
 - *Anchorage/Mat-Su fastest growing in state – 50%*



Discussion



Vision Plan Value

Value

- Implementation
- Identifies State values for different modes
- Provides baseline conditions
- Has a trends report
- Performance measures and targets
- Provides goals, strategies, and polices to provide direction
- Identifies what the components are of the overall plan
- Contacts for people with different modes
- Actions
- Identifies revenue streams and funding
- Weak areas
- Challenges
- What transportation needs are addressed
- Clarity and transparency – why making decisions
- Consistency
- Identify opportunity cost



Current Conditions Using Transportation

Current Conditions

- Connectivity Issues
 - *Juneau Access*
 - *Public Lands*
 - *Resources*
 - *Bike/Ped*
 - *To secondary roads*
 - *Maritime*
- Access
 - *Legal*
 - *Physical*
 - *Economic*
- Correctly Relate to Land Use?
- Congestion
- Maintenance
 - *Backlog*
 - *Aging infrastructure*
 - *Snow removal underfunded*
 - *Flat maintenance budgets*
 - *Winter (peds)*
- Funding
- Capacity
- Safety
 - *Highway, airport, trails, winter, lack of shoulders, drivers and bikes, intersections near schools*
- Climate Change
 - *Permafrost , Iceroads*

Problems

- Connectivity Issues
 - *Juneau Access*
 - *Public Lands*
 - *Resources*
 - *Bike/Ped*
 - *To secondary roads*
 - *Maritime*
- Access
 - *Legal*
 - *Physical*
 - *Economic*
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What not to change

- Understanding of the problems
- Cooperative Work
 - *State, Feds, Tribes, Local*
- Not as much congestion as other states
- Fix things
- Equipped to deal with extreme weather events
- Cross-Agency Coordination
- Safety Improvements
- Still building things
- Interaction with defense department
- Take advantage of opportunities



North to the Future Transportation in 2035

The Future

- Decrease in funding
- State transportation funding is in place
- More multiuse paths
- Better connectivity throughout
- 0 fatalities for all modes
- Improved access to and through public lands
- Increased facilities throughout
- New infrastructure – Northwest passage, RR to Arctic Ocean, improved connections...etc.
- Fixing existing infrastructure
- Increase in tourism
- Better travel information (congestion, weather, 511 works, etc.)
- Increase in telecommuting
- Get freight off highways and on rail
- Modes of aging population changing (RR to Denali, Cruise Ships)
- Aging population touring through AK more
- Alternative energy fuels
- Improved bike infrastructure/safer
- Tourism continues to grow
- New ship technologies – Design and Fuels
- What past decisions mean for the future/ funding implications



Opportunities Solutions and the Big Picture

Solutions

- Will continue next meeting. Email thoughts to Julie Jessen



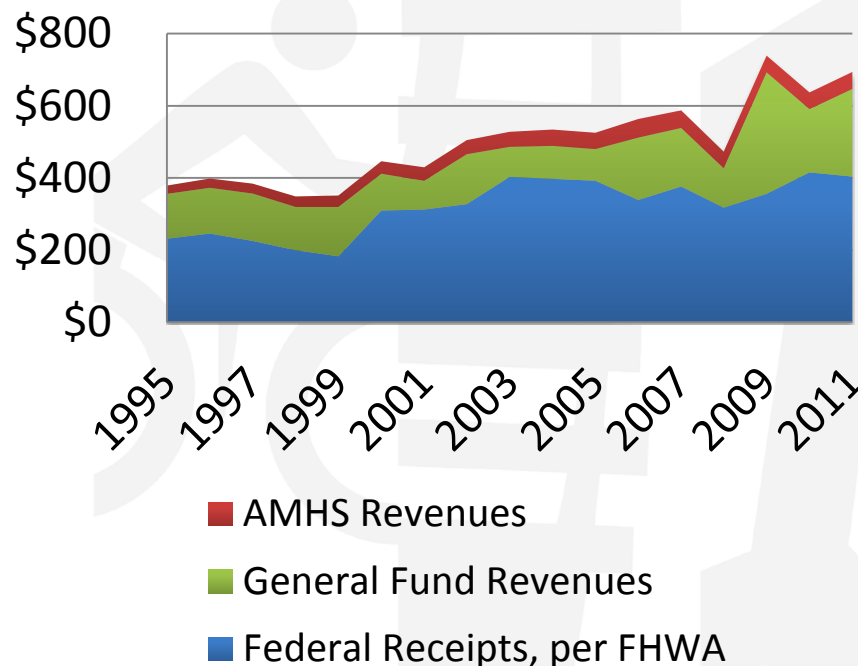
Risks The Funding Future

Funding: *Historical Revenues*

- Historical dependence on Federal funds
- Followed by General Funds
- Small fraction from AMHS farebox revenues

Motor fuel taxes not dedicated to highway funding (no dedicated source for highway funding)

Petroleum revenues make up over 90% of Alaska's GF revenues

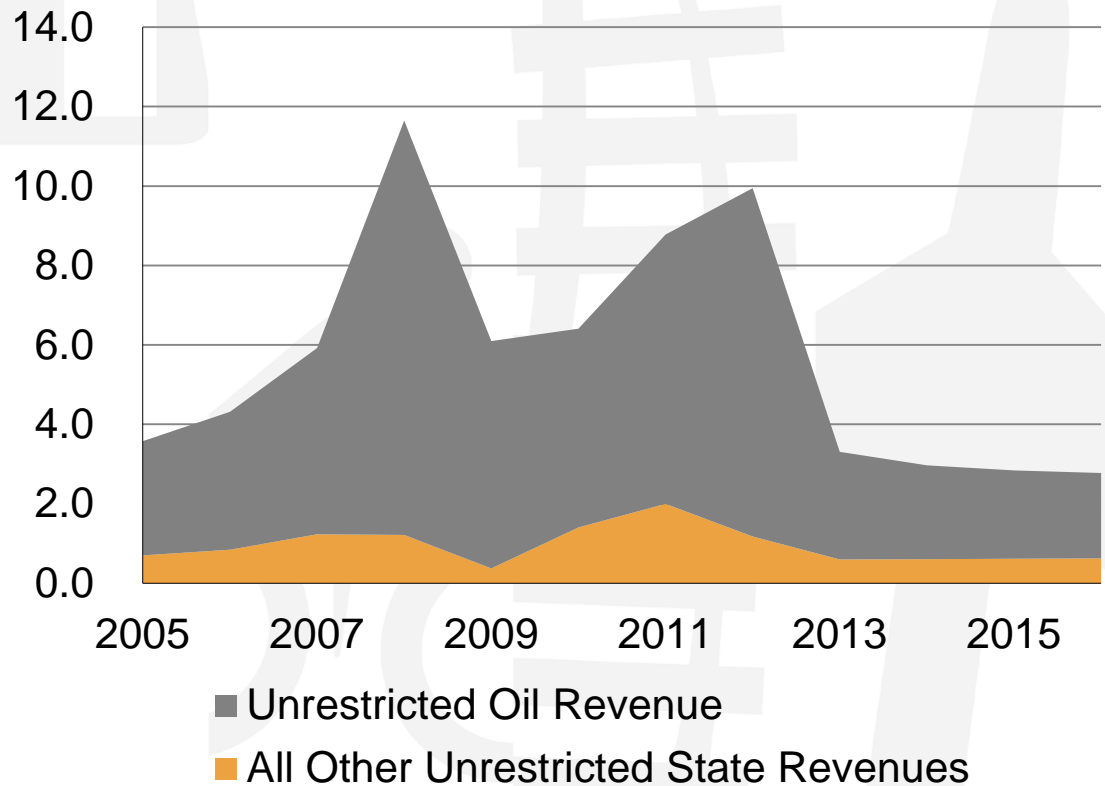


Funding: *State General Fund Forecast*

The largest component of unrestricted oil revenues is the Oil & Gas Production Tax

The Alaska Department of Revenue forecasts Oil & Gas Production Tax will fall from \$4.6 billion in fiscal 2013 to \$1.7 billion in 2015

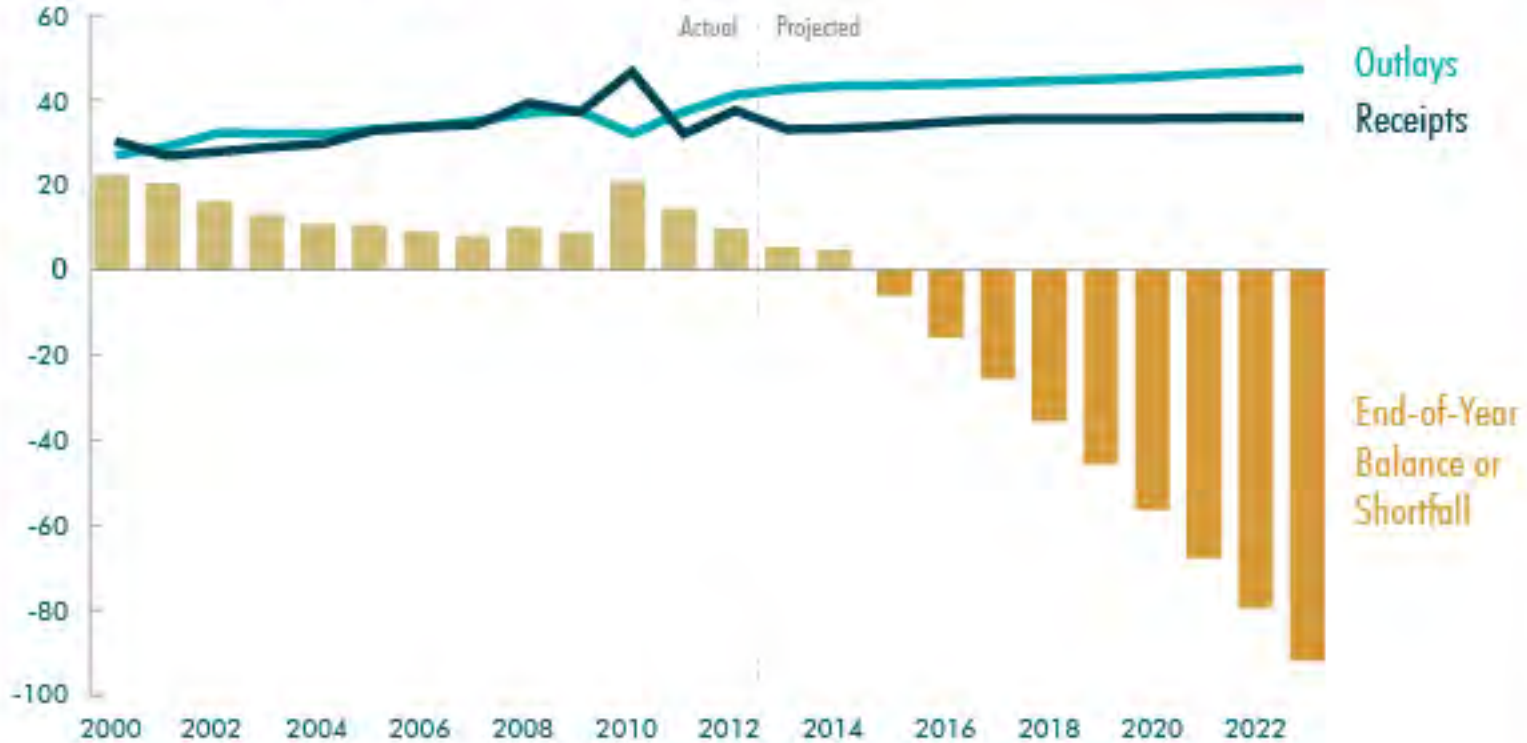
Overall, total unrestricted revenues are predicted to fall from \$6.9 billion in fiscal 2013 to \$4.1 billion in 2023.



Funding: *Highway Trust Fund Forecast*

Cash Flow of the Highway Account of the Highway Trust Fund

Billions of Dollars, by Fiscal Year



CONGRESSIONAL BUDGET OFFICE

MARCH 2013 • WWW.CBO.GOV/PUBLICATION/43884



Funding: *Highway Trust Fund Forecast*

- Under CBO's baseline projections, the highway and transit accounts of the Highway Trust Fund will have insufficient revenues to meet obligations starting in fiscal year 2015
- Under current law, the Highway Trust Fund cannot incur negative balances and has no authority to borrow additional funds
- The US Department of Transportation has indicated that it needs at least \$4 billion in cash balances available in the highway account and at least \$1 billion in the transit account to meet obligations as they are due
- As a result, under CBO's baseline projections, the highway account may have to delay some of its payments during the latter half of 2014

Source: CBO, February 2014



Funding: *Summary*

- Federal funding a significant unknown – which is the primary source of transportation funding in Alaska
- Transit and system capacity needs growing as in the past
- Urban centers will require significantly more attention
- Overall system connectivity as critical as before



Risks The Funding Future

Next Steps

Plan Development

1. Finalize Work Plan

3. Conduct Policy Analysis

5. Prepare Preliminary Plan

Systems Analysis

2. Conduct System Analysis Update

2.1 Analyze Socioeconomic Trends

2.2 Conduct Data Analysis by Mode

2.3 Prepare Freight Analysis

2.4 Conduct Financial Analysis

4. Conduct Needs Analysis and Evaluate Plan Scenarios

6. Prepare Draft and Final Plan

Public Involvement

7. Public Involvement

E-Newsletter

Online public meeting

Materials on website



Questions/Comments
