

**2010 Northern Region Transportation
Forum**

Highway System Overview

**Frank Richards, P.E.
Deputy Commissioner
October 22, 2010**



Overview

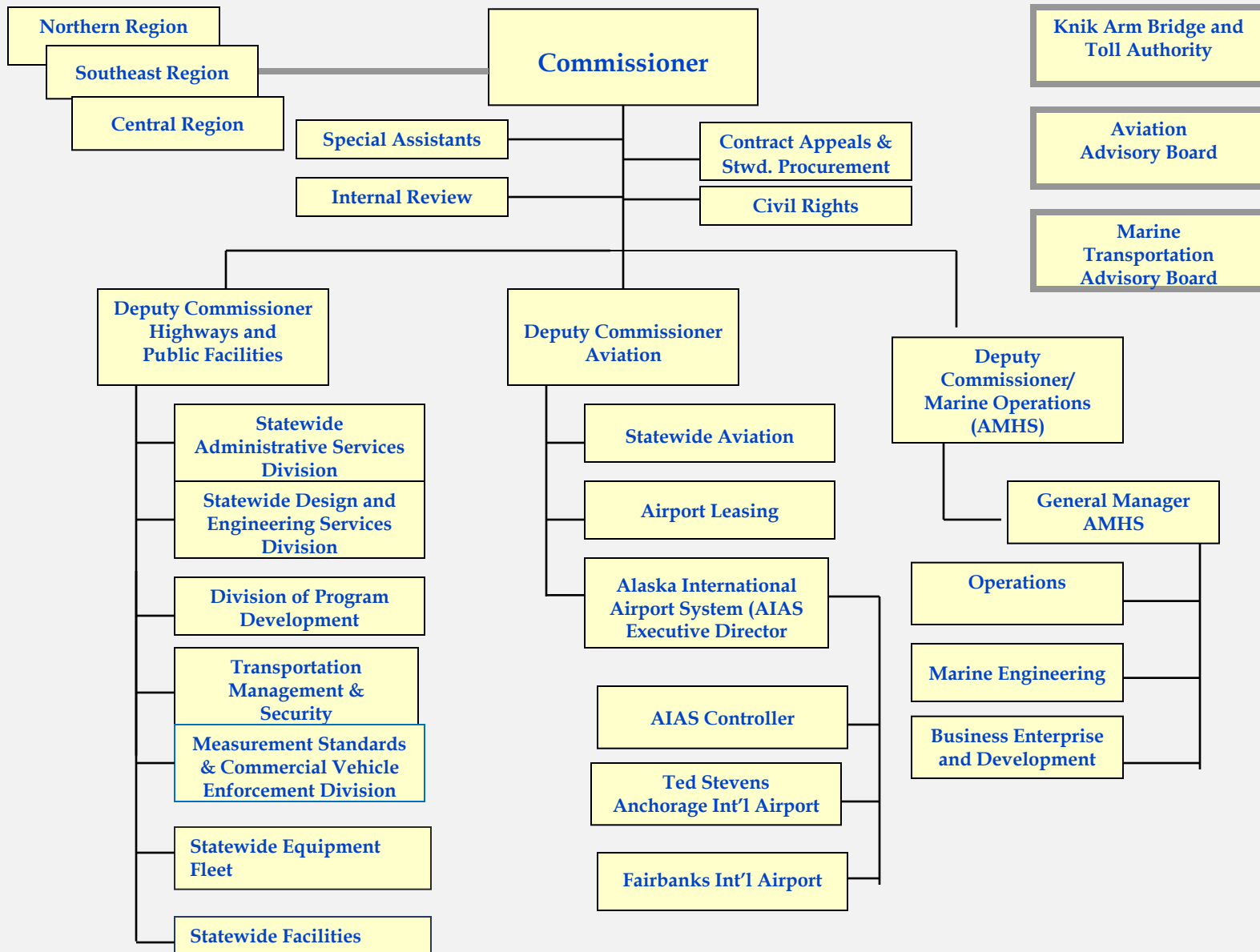
- Mission
- DOT&PF Organization
- Funding
- Natural Gas Pipeline
- Stimulus Projects
- Ports and Harbors
- Access for Resource Development
- Successes
- Department Challenges
- Communication

DOT&PF's Mission

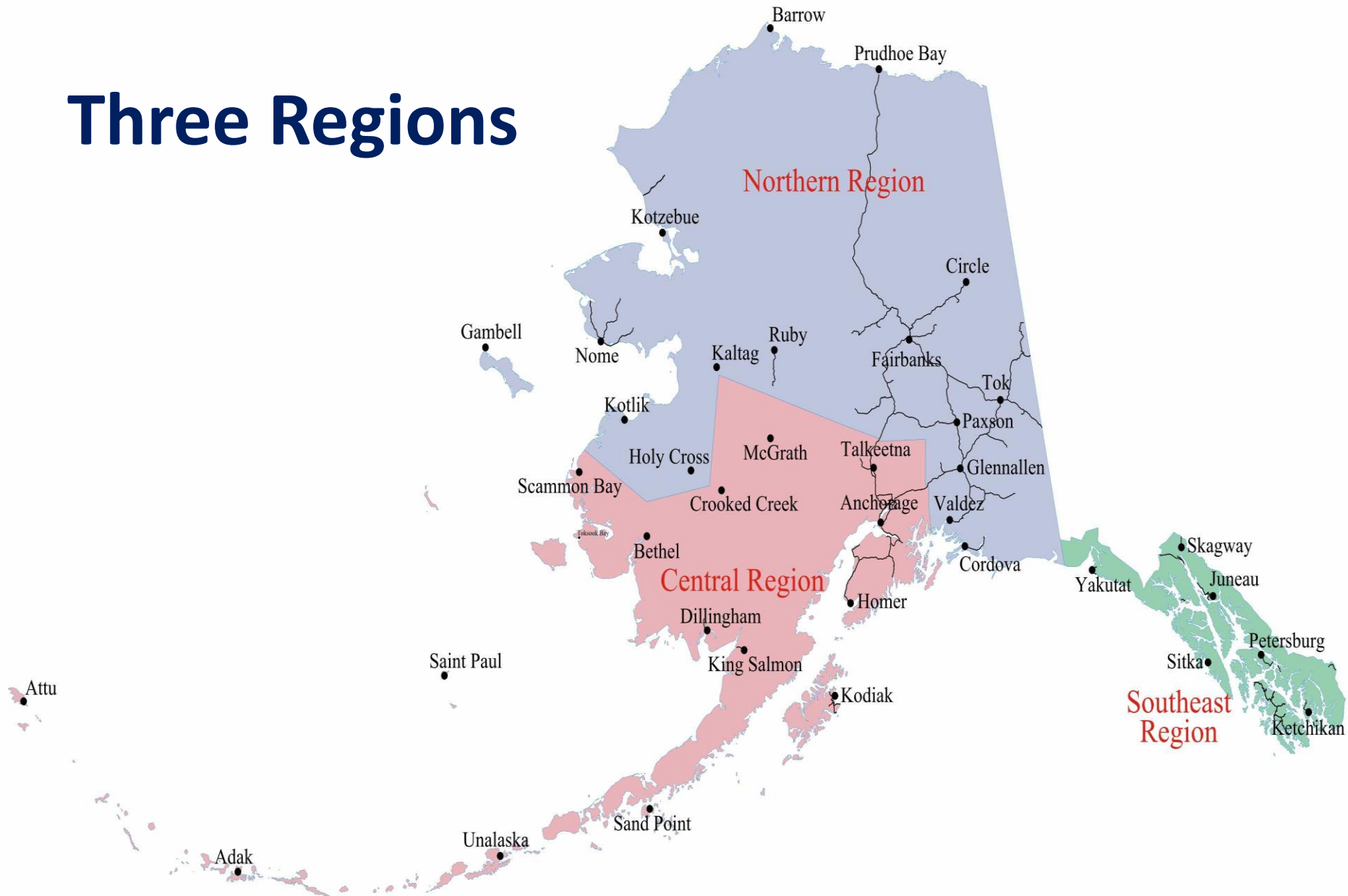
Provide for the safe movement of people and goods and the delivery of state services.



DOT&PF Org Chart



Three Regions



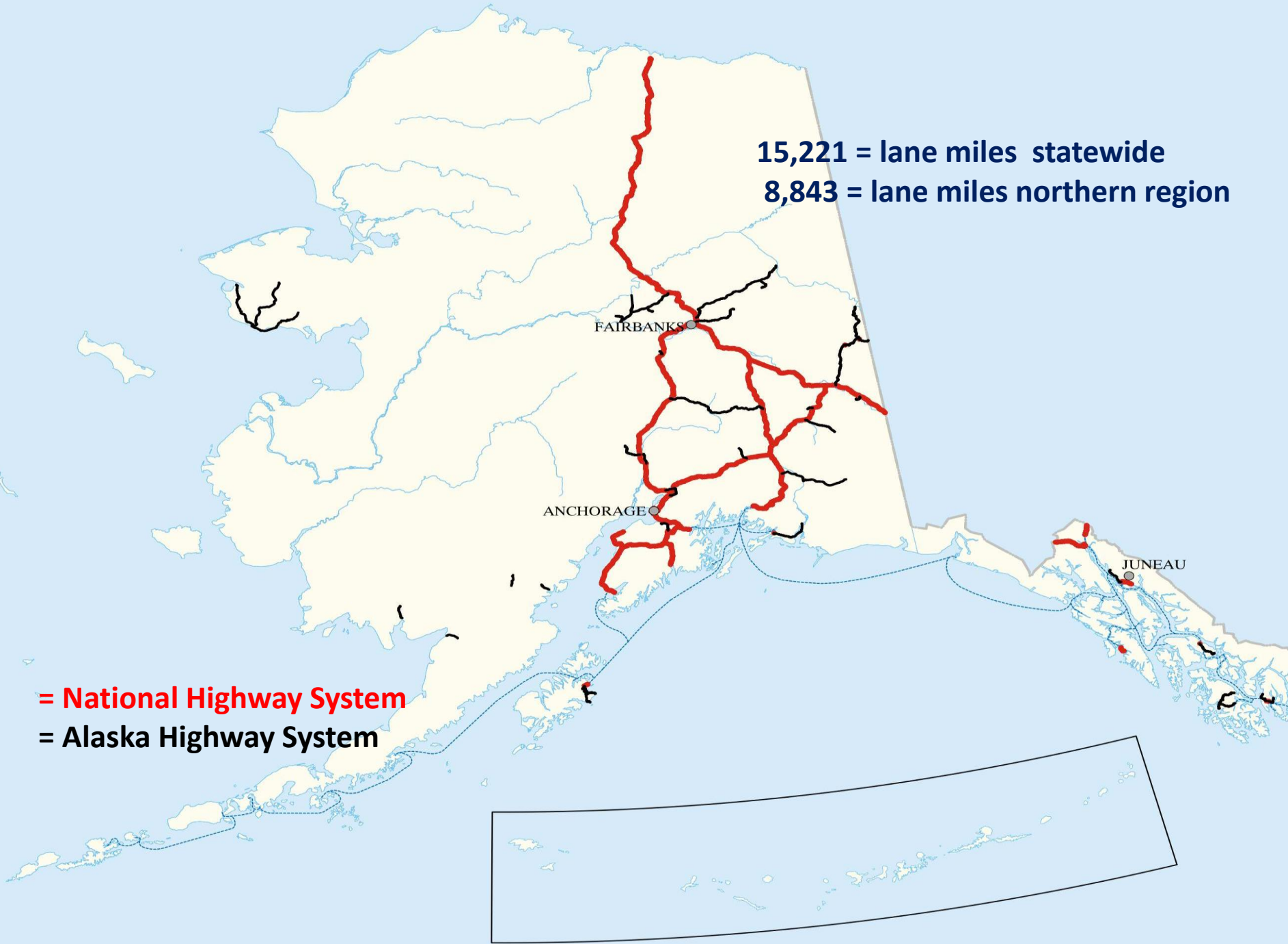
15,221 = lane miles statewide
8,843 = lane miles northern region

FAIRBANKS

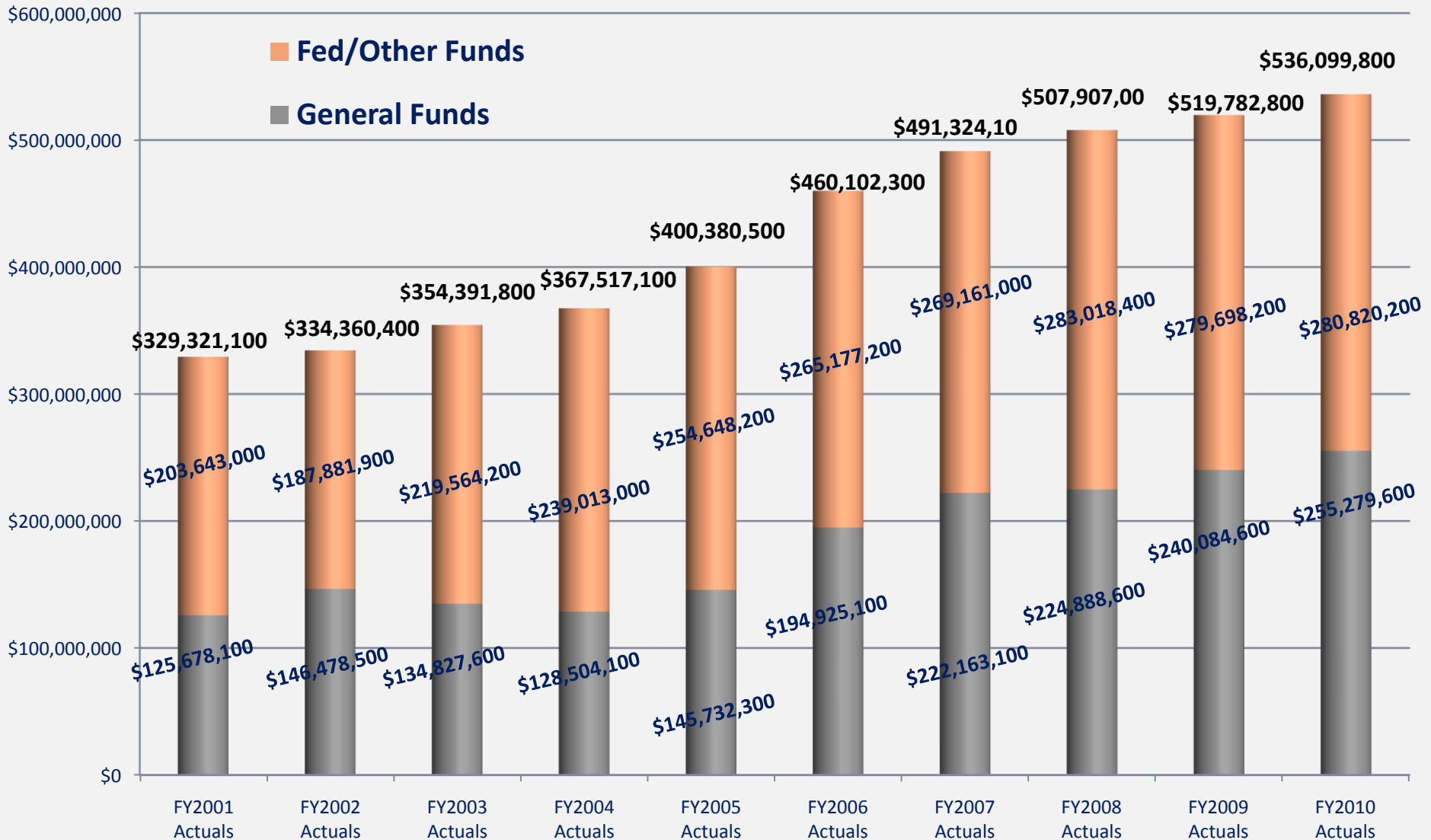
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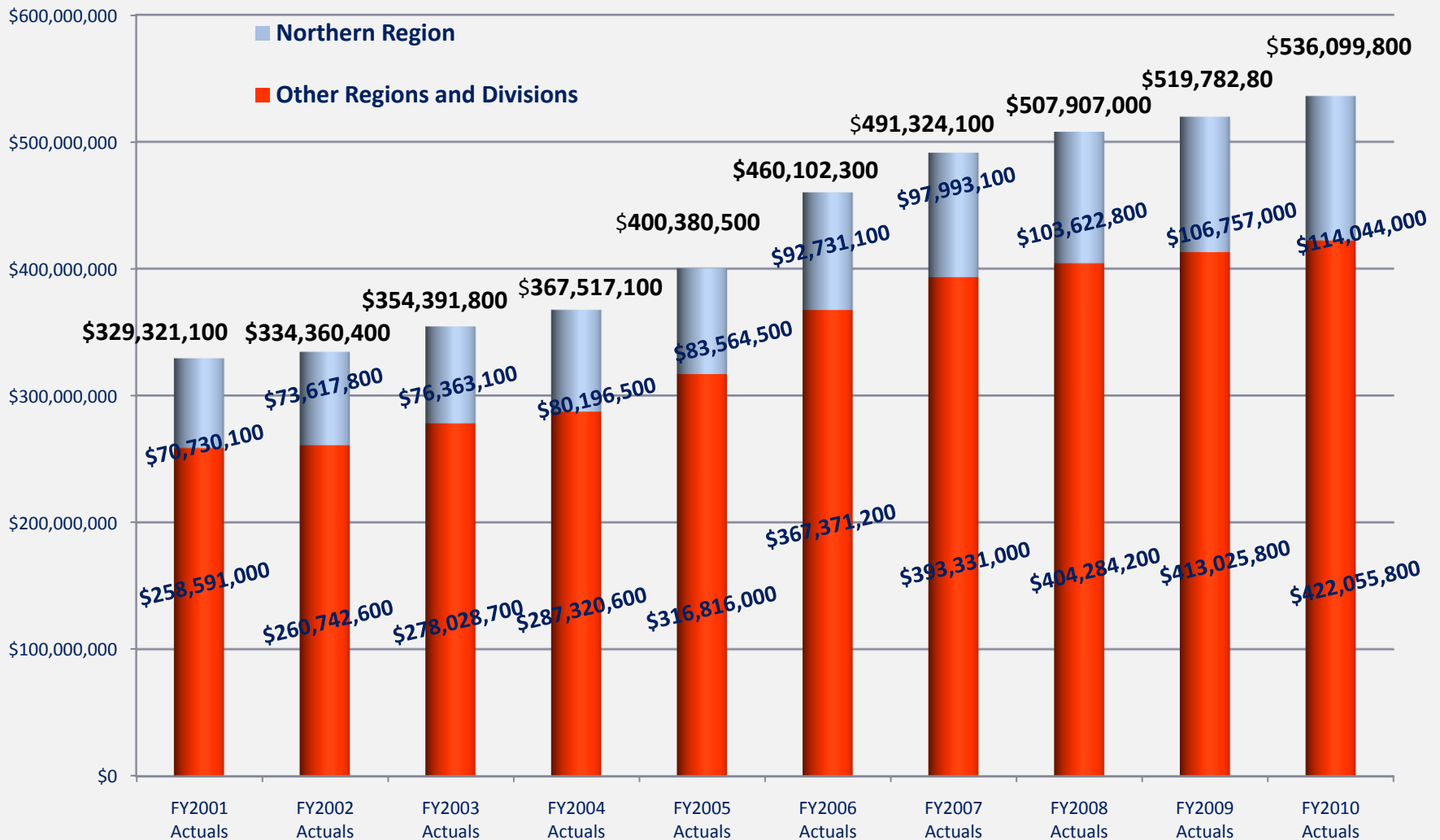
= National Highway System
= Alaska Highway System



FY01 – FY10 Operating Budget by Fund Source



FY01 – FY10 Northern Region Operating Budget





Maintenance

- **FY10 Maintenance Expenditures**

- **Operating (all funds)**

- Facilities \$23.9 million
 - Highways & Airports \$138.6 million

- **Capital (all funds)**

- Highways \$ 65.1 million
 - Aviation \$ 6.3 million

- **FY11 Maintenance Planned**

- **Operating (all funds)**

- Facilities \$23.3 million
 - Highways and Airports \$143.5 million

- **Capital (all funds)**

- Highways \$65.0 million
 - Aviation \$13.6 million



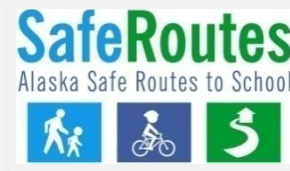
Measurement Standards and Commercial Vehicle Enforcement

- Certifies the accuracy of all weighing and measuring devices used in commerce, including
 - Scales at
 - Grocery stores for weighing fruits, vegetables, bulk items
 - Airports for weighing freight
 - Dispensing devices such as gas pumps
 - Scanners used at check out counters
- Ensures commercial vehicles meet the weight limits imposed on roads to prevent damage
- Issues permits for overweight vehicles
- Implements and operates the Commercial Vehicle Information Systems and Network



Safety Programs

- Highway Safety Corridors
- 511 Program
- Road Weather Information System
- Intelligent Transportation System for Commercial Vehicles
- Safe Routes to School

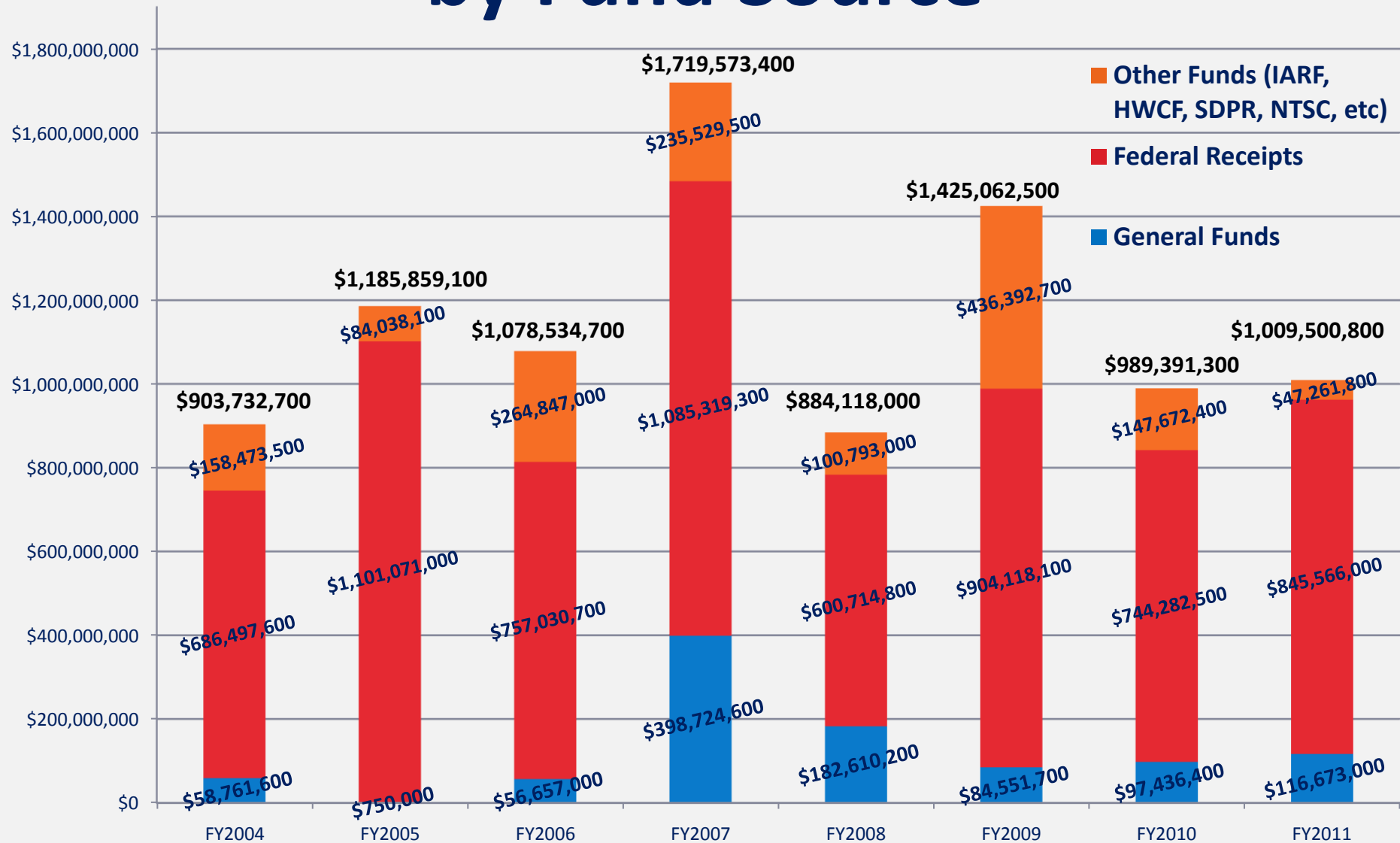


Highway Safety Corridors

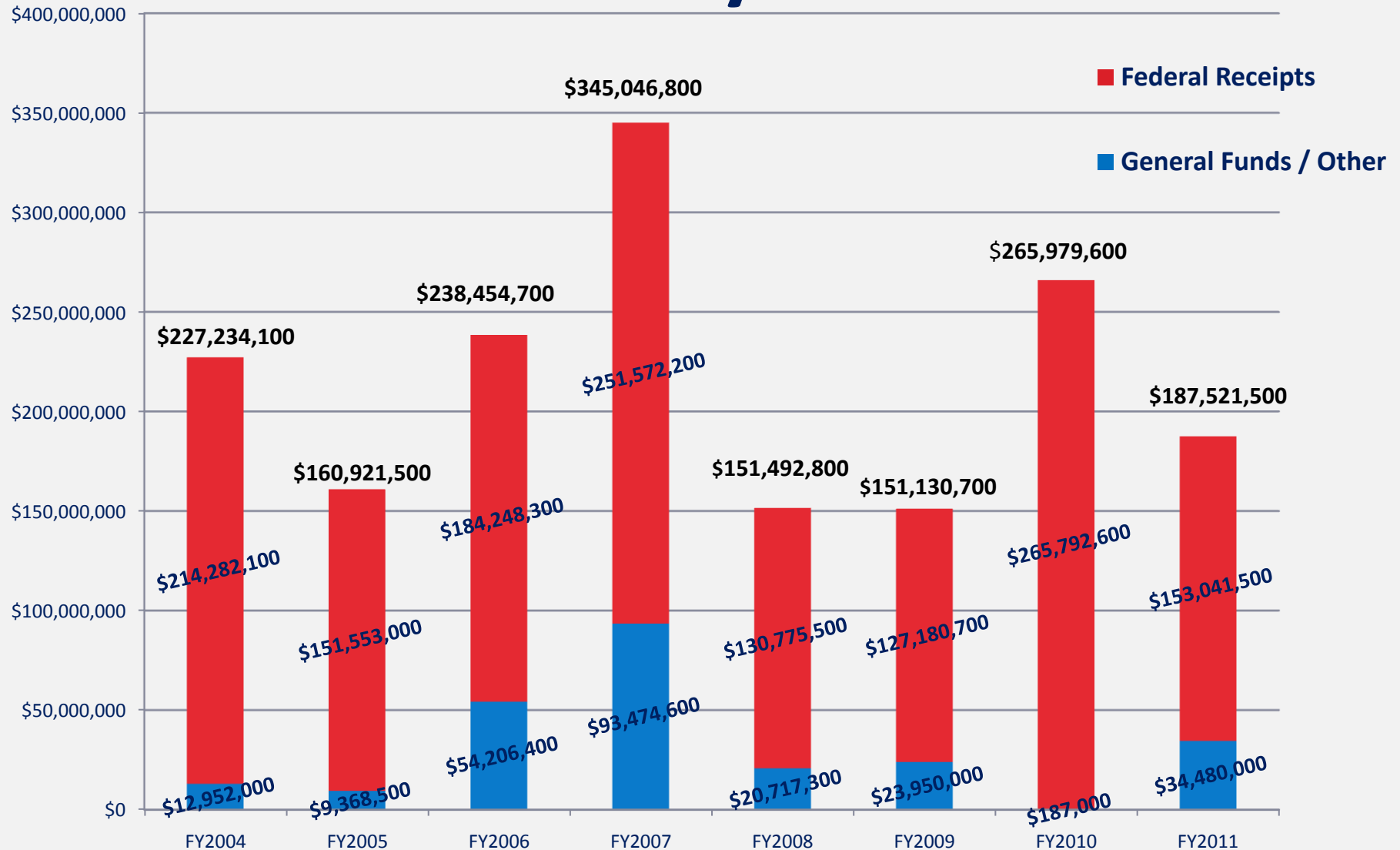
- Designated Corridors
 - Seward Highway
 - Parks Highway
 - Knik/Goose Bay Road
 - Sterling Highway
- Enforcement
- Education
- Engineering



FY04- FY11 Capital Budget by Fund Source



Northern Region Capital Budget FY04 – FY11 by Fund Source



Funding Challenges

- \$8 billion worth of need
- Highway Safety Corridors = \$1 billion
- Federal funds shrinking
- State general funding is erratic
- Gasline infrastructure

Natural Gas Pipeline

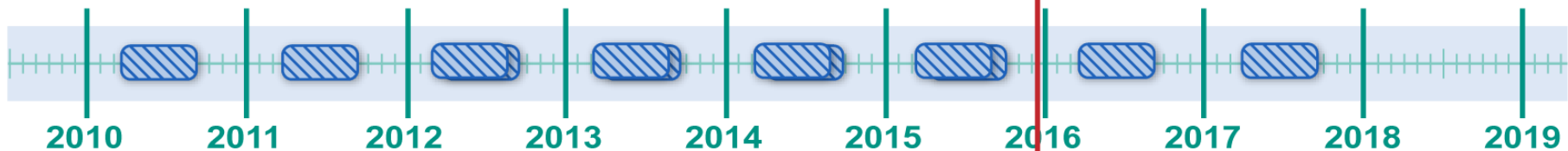
- Goal - a transportation system that contributes to construction efficiencies
- Identified and prioritized needs
- Working on highest priorities
- In –State Gasline Development Team



 Construction Season

No highway construction along pipeline routes

Design, Permitti Design, Permitting, ROW & Project Bidding



Note:

1. 5 construction seasons 2011 – 2015
2. Alaska construction season May – Oct
3. Pipeline construction—winter only in permafrost
4. Pipeline logistics start in earnest after project sanction
5. DOT focus: Dalton Hwy (common to all projects) and bridges on Alaska and Richardson Highways

Logistics
Begin

Pipeline
Construction

American Recovery Reinvestment Act (ARRA)

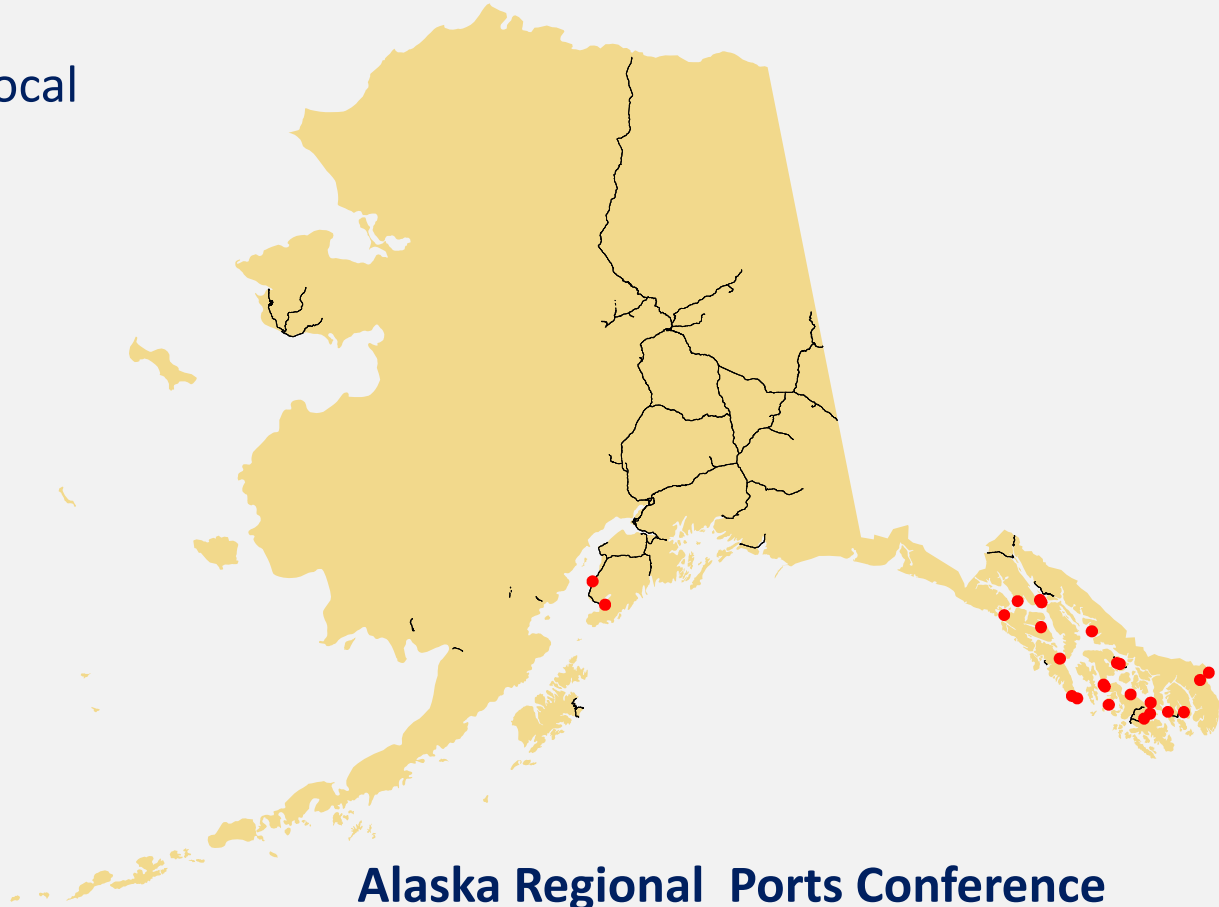
- \$300 million statewide for transportation
- \$258 million to DOT&PF
 - 29 projects highway projects
 - 8 airport projects
 - 12 transit projects
- <http://www.dot.state.ak.us/econstim>



Ports and Harbors

25 State-owned Harbors

74 harbors transferred to local government

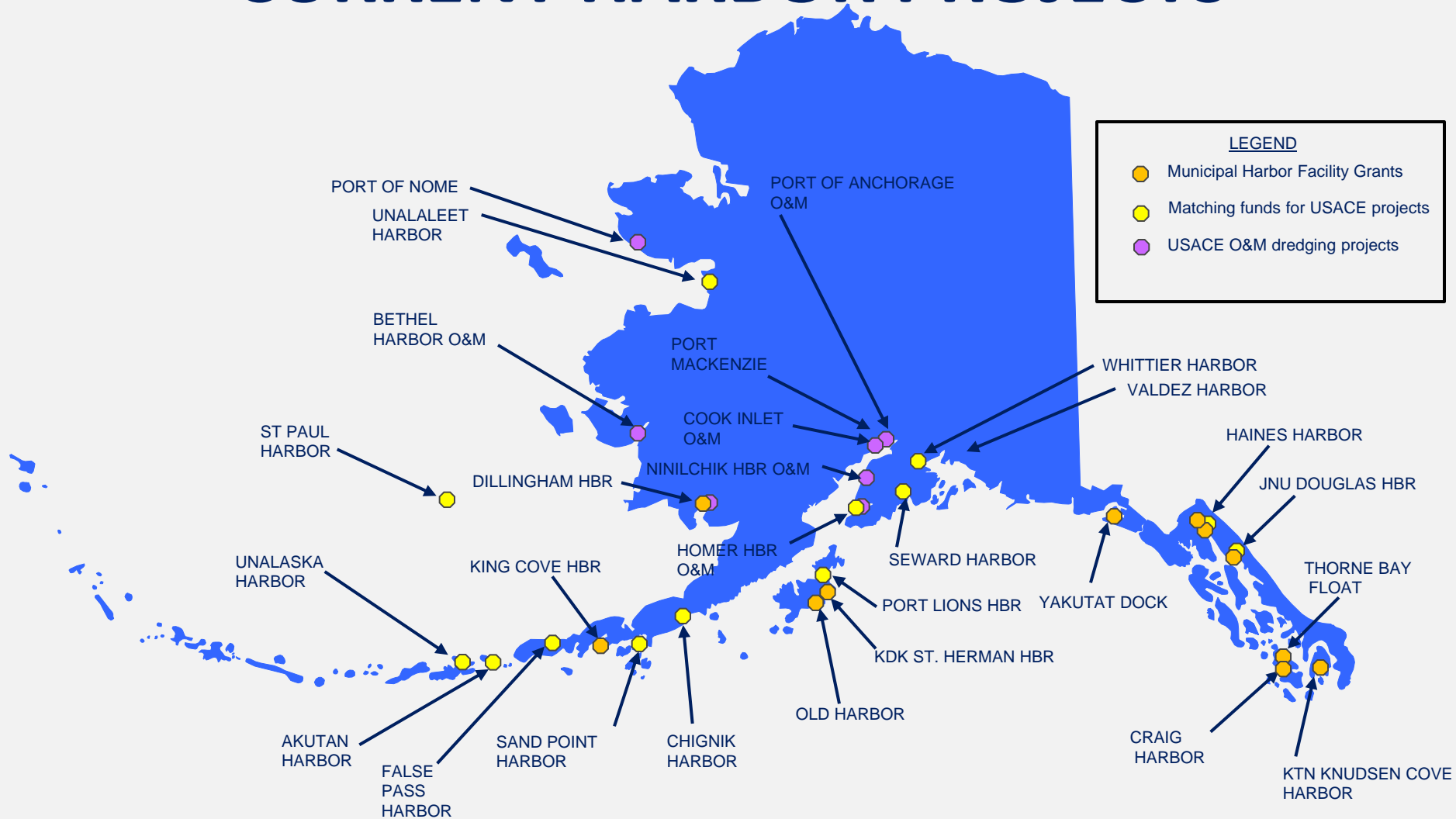


**Alaska Regional Ports Conference
Nov. 18, 2010 Egan Center,
Anchorage**

Municipal Harbor Grants Program

- Established in 2006 providing financial assistance to municipal harbor facilities
- Requires annual appropriation from the Legislature
- 50/50 matching grants
- Grants: \$5M cap per year per facility, \$50K minimum
- Locally managed projects
- Tier I Grants
 - only available to previously state owned facilities in need of major maintenance/repair,
 - one time only eligibility
- Tier II Grants
 - available to all municipal harbor facilities, including those having received Tier I grant.
 - Facilities are eligible for multiple Tier II grants

CURRENT HARBOR PROJECTS



Governor's Initiatives

- Deferred maintenance
- Highway safety corridors
- Road to Umiat
- Western Access
- Road to Ambler
- Dalton Highway



Successes

- Reduced backlog of deferred maintenance
- ARRA
- Tanana Bridge
- GO Bond projects
- Dalton Highway Improvements
- Emergency Responses



Eagle 2009



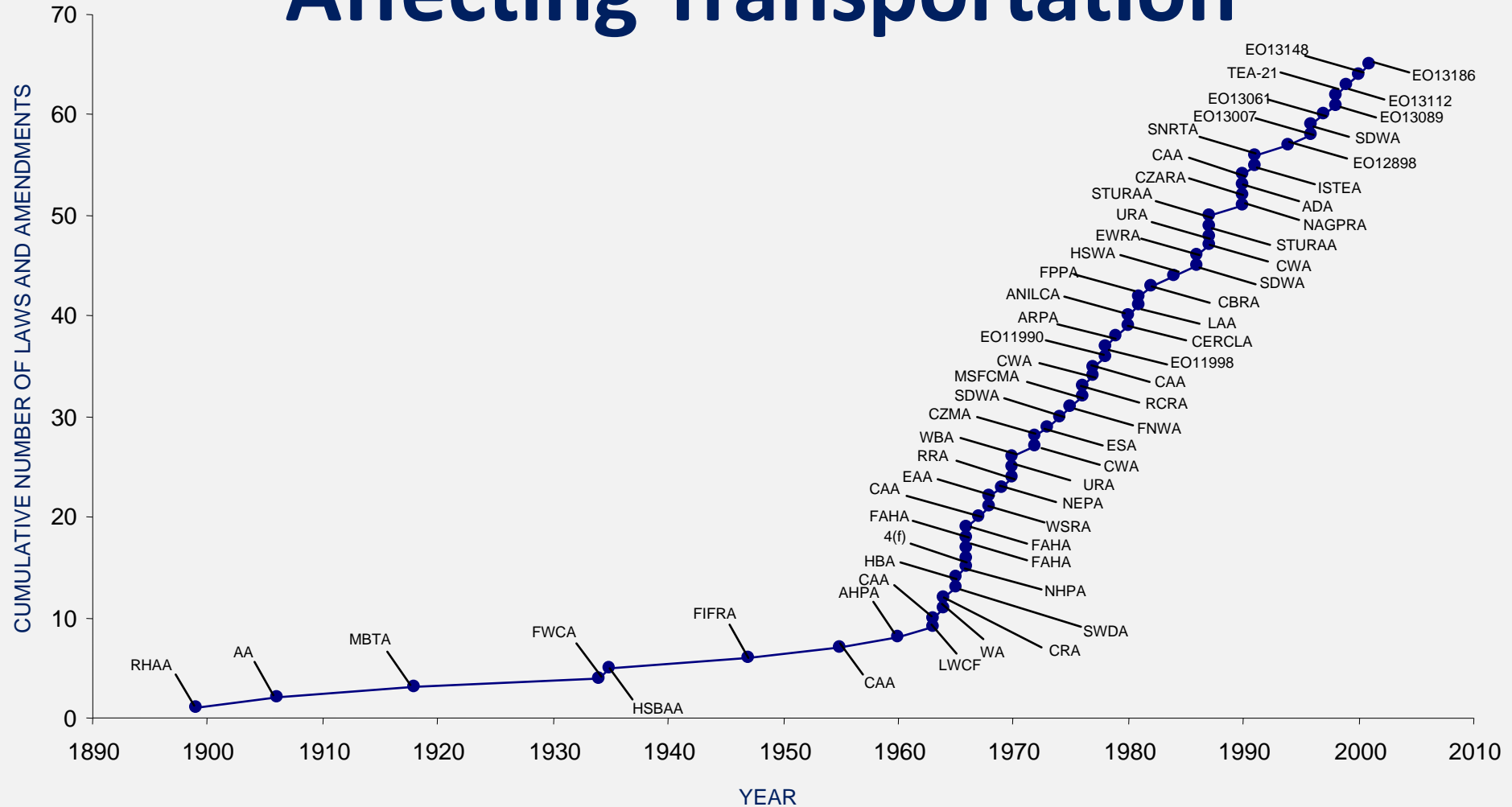
Taylor Highway 2010



Key Department Challenges

- Preserving and protecting Alaska's infrastructure
- Gasline
- Air quality issues
- Highway & aviation federal authorization bills - funding levels
- Recruiting and retaining staff
- Stabilized general fund budget
- Ever increasing environmental requirements

Federal Environmental Requirements Affecting Transportation





Communications

- Web pages
 - www.dot.alaska.gov
- GovDelivery
- 511
- Road Weather Information System
- Working on project descriptions with updates for all our active projects

Public Information Officers

Northern Region –
Meadow Bailey at
451-2240

Central Region – Rick
Feller at 269-0772

Southeast Region and
Statewide - Roger
Wetherell at 465-8894

Thank You

