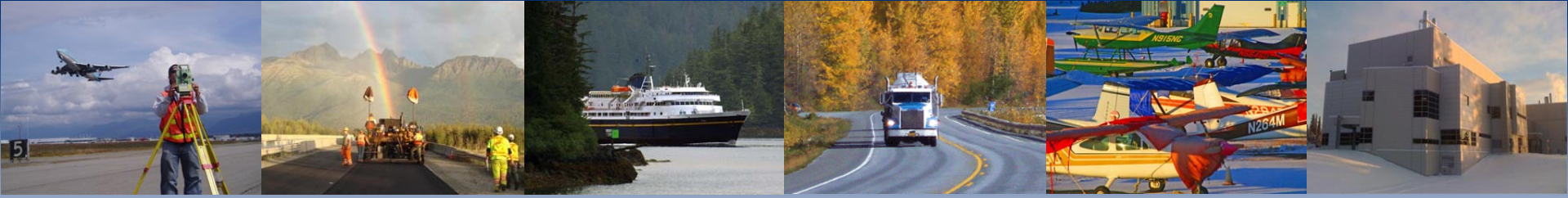




Alaska Department of Transportation & Public Facilities

Barrow Airport Master Plan Update Wiley Post/Will Rogers Memorial Airport

February 26, 2013



Welcome!

- Introductions
- Project background
- Timeline & process
- Public involvement opportunities
- Challenges
- Next steps



Project team

- **ADOT&PF**

- Jeff Roach
- Ryan Anderson, PE
- Alexa Greene
- John Olsen

- Technical advisors

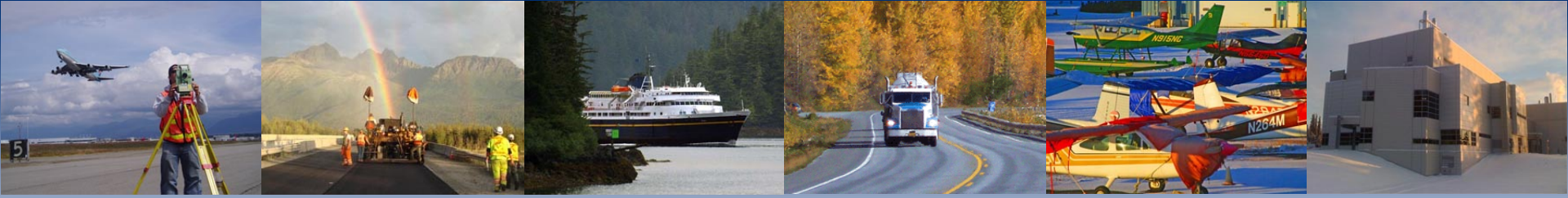
- **PDC Engineers**

- Royce Conlon, PE
- Patrick Cotter
- Valerie Webb

- **Brooks & Associates**

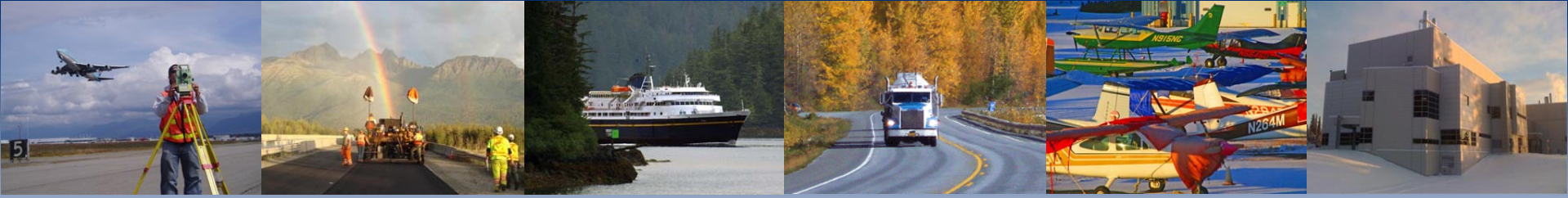
- Anne Brooks, PE
- Camden Yehle

- ABR Environmental Research
- Northern Economics
- Northern Land Use Research



Scope and Funding

- Prepare an update to the Airport Master Plan
 - Previous master plan update in 2000
 - Considerable change since then
 - Guide funding decisions for 20 years
 - Provides basis for prioritizing improvements assuring best use of resources
- Funded by FAA & ADOT&PF



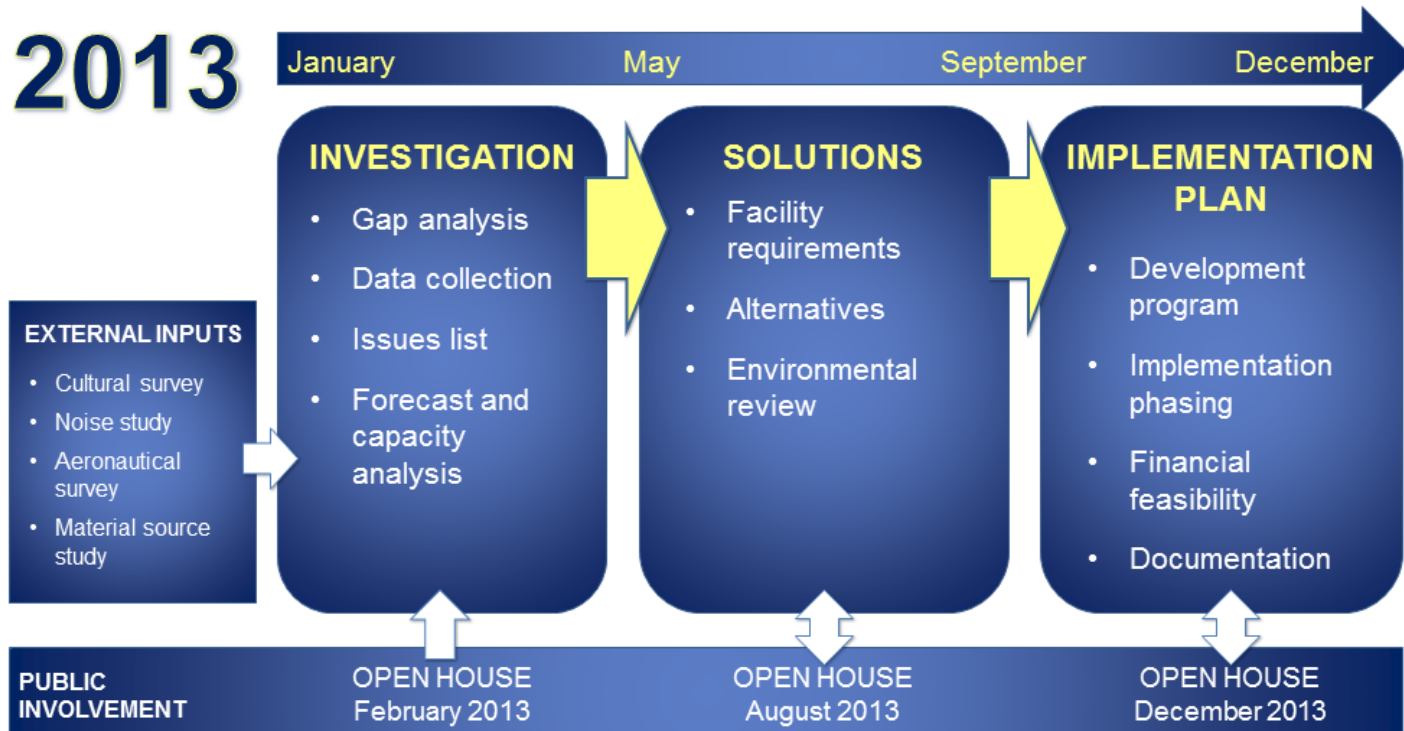
Other related projects

- ADOT&PF chemical storage building
 - Immediate need
- Ahkovak Street reconstruction
 - Waiting for outcome of master plan
- NSB road projects
 - Independent of master plan



Schedule & Process

BARROW AIRPORT MASTER PLAN PROCESS





Master Planning Steps

- Identify issues
- Inventory facilities
- Forecast aviation activity
- Determine facility requirements
- Develop and evaluate alternatives
- Prepare Implementation Plan

Issues

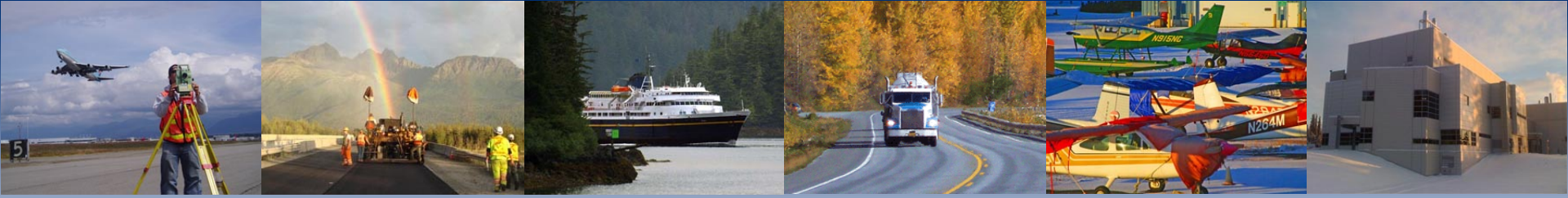
Inventory

Forecast

Facilities

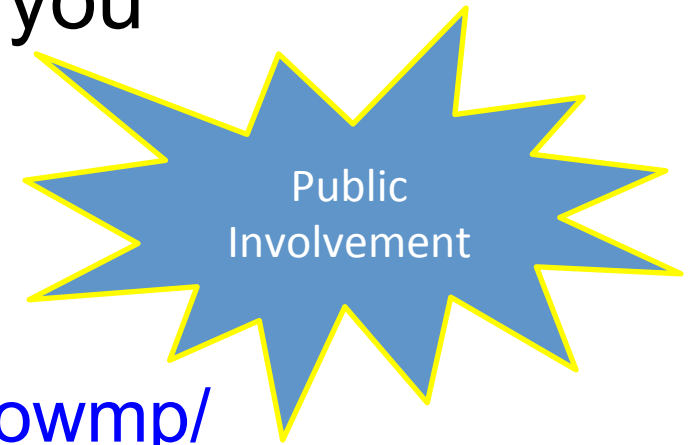
Alternatives

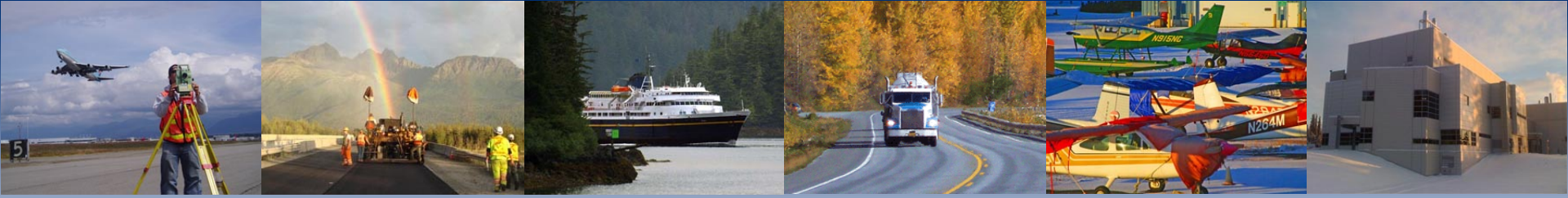
Implementation



Public Participation Throughout

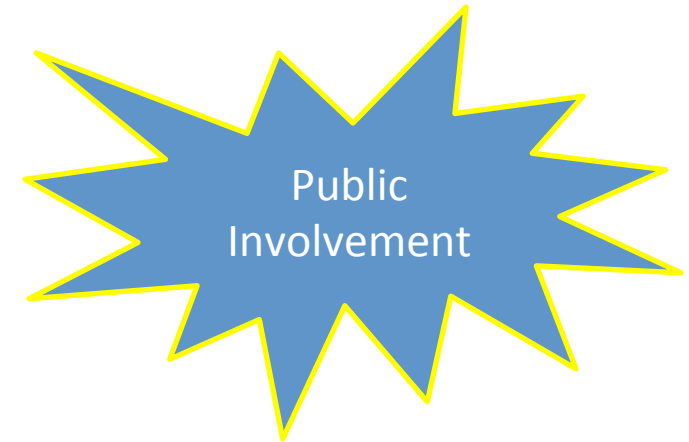
- We seek public input from airport users, businesses, air carriers, and you
 - Complete Survey
 - Talk to Project Team
 - Watch web site:
<http://dot.alaska.gov/nreg/barrowmp/>
 - Attend public meetings, provide written or oral comments





Identify Issues & Needs

- Airport user interviews
- Public meeting
- Surveys
- Website





Inventory

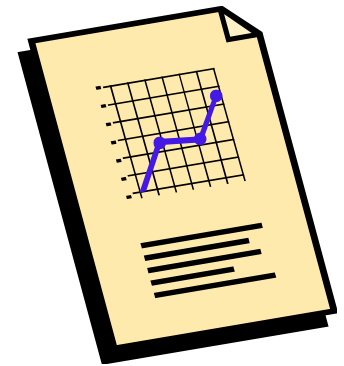
- Existing facilities
 - Airfield
 - Lease lots
 - Maintenance & operations
 - Parking/access
 - Security
 - Natural environment

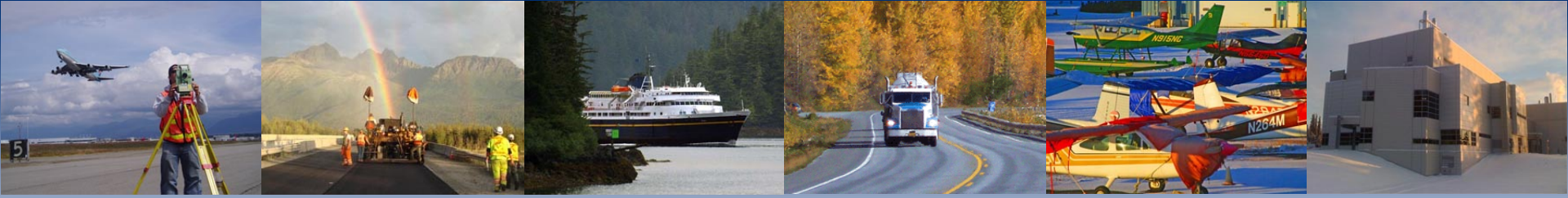




Forecast

- **Collect** historic aviation activity
- **Analyze** current activity & trends
- **Forecast** future aviation activity
 - Operations and Enplanements
 - Aircraft with most demanding needs





Facility Requirements

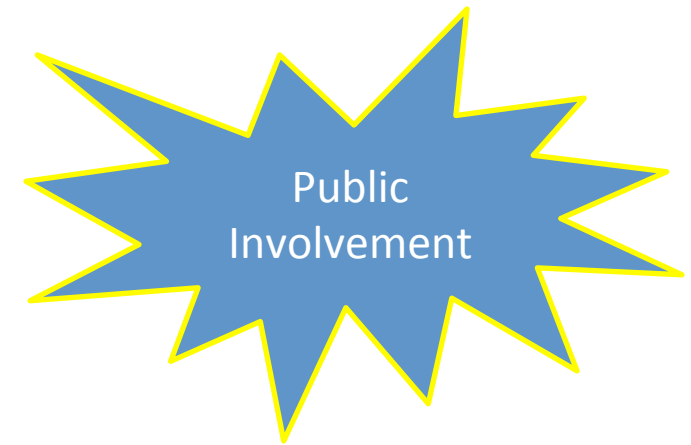
- Airport shortcomings
 - Airside (runway, taxiway, aprons...)
 - Landside (vehicle parking, access roads...)
- Capacity analysis
- Security Considerations





Alternatives

- Develop alternative development scenarios
- Evaluate impacts of each alternative
 - Environmental
 - Financial
 - Socioeconomic
 - Feasibility
- Select preferred alternative

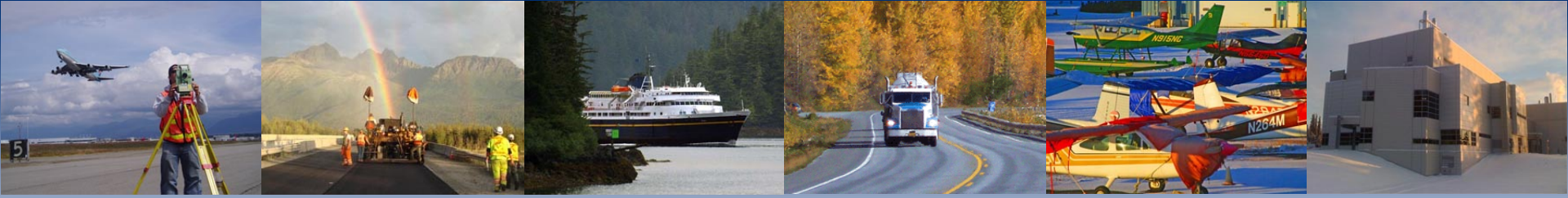




Implementation Plan

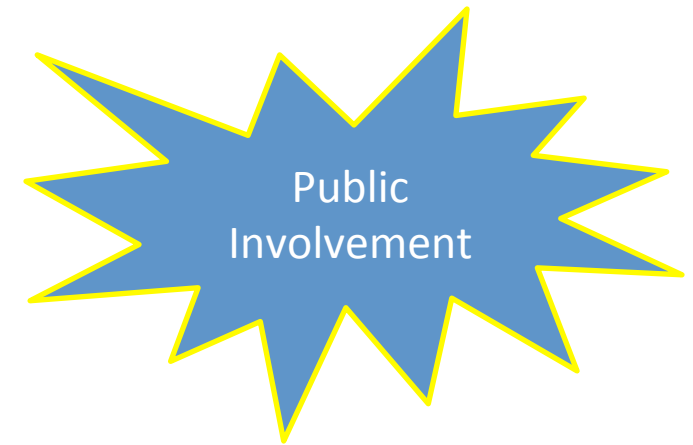
- Short-, mid-, and long-term projects
- Project cost estimates
- Funding options & eligibility

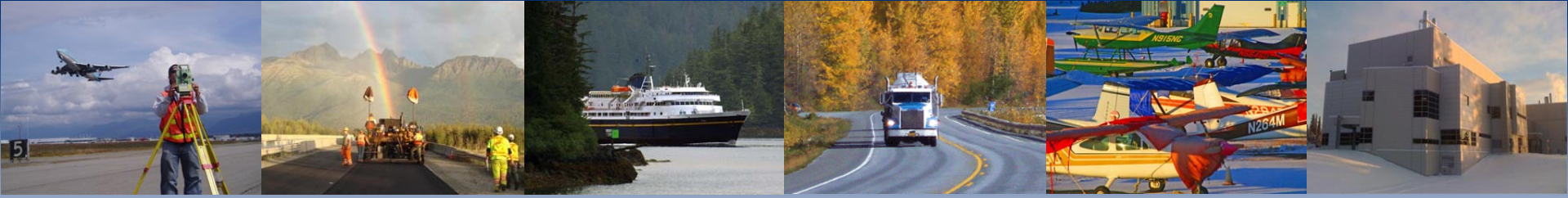




Master Plan Document

- Draft master plan
 - 30-day public comment
- Final master plan

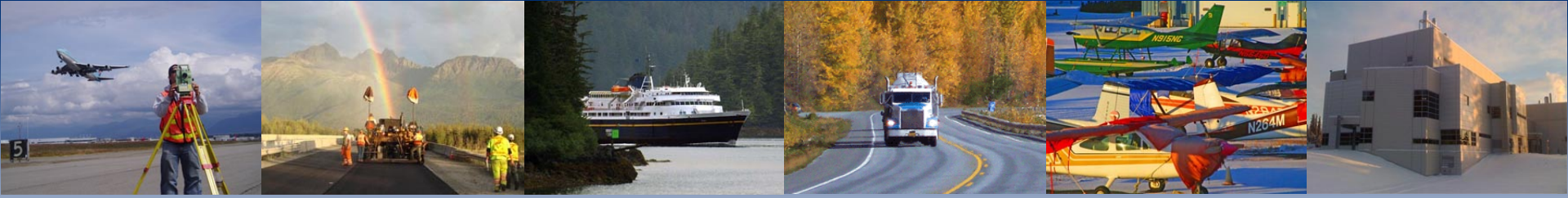




Challenges

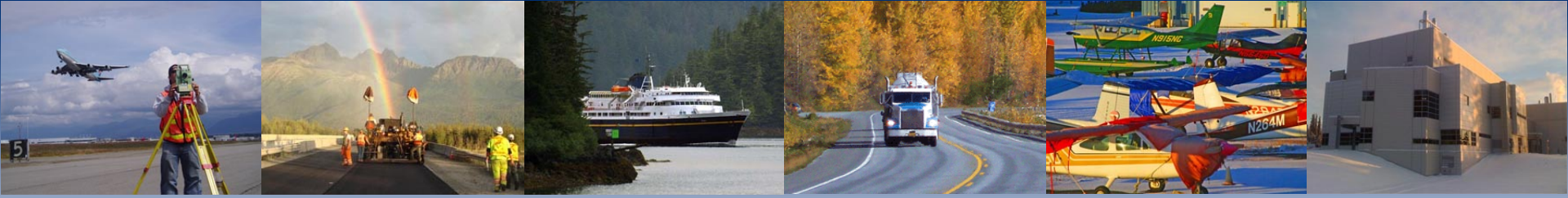
- Finding a balance between
 - Safety
 - Cost
 - Natural Environment
 - Community (Human Environment)
 - Security
- Schedule





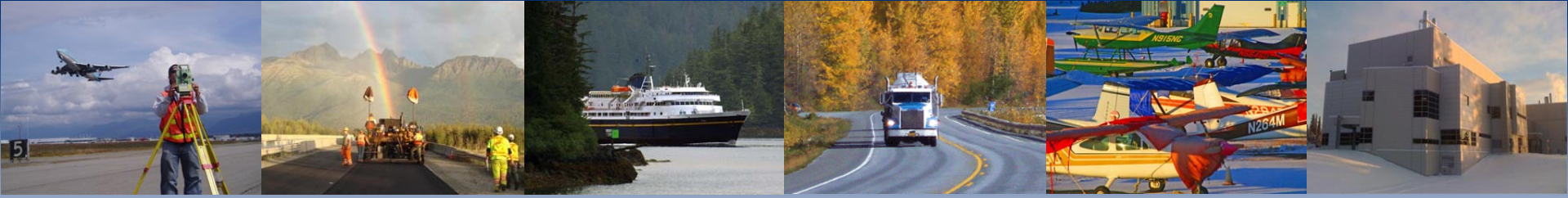
Issues heard to-date

- Runway/apron pavement condition
- Waterfowl on/around airfield
- Vehicle access (congestion)
- Helicopter noise
- Material quality/source



Next Steps

- Complete inventory & issues identification
- Develop aviation forecast
- Identify facility requirements
- Develop alternatives
 - Convene public meeting #2 to seek local input



Thanks for your participation

- Public input is key to the success of this project – you know your community and its needs
- Please complete a survey at: <http://dot.alaska.gov/nreg/barrowmp/>. There is one each for:
 - Barrow residents
 - Barrow businesses, and
 - Pilots using Barrow Airport



Direct comments to:

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ADOT&PF Project Manager

451-2381

Jeff.roach@alaska.gov

Patrick Cotter

Lead Planner

452-1414

patrickcotter@pdceng.com

Anne Brooks

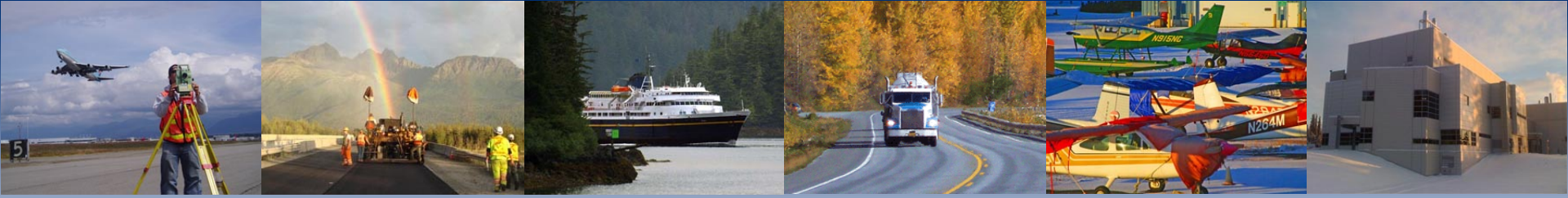
Public Involvement Lead

272-1877

a.brooks@brooks-alaska.com

Website:

<http://dot.alaska.gov/nreg/barrowmp>



Questions?

