

Seward Airport Improvements

September 11, 2014



Welcome!



Introductions

Project process overview

What we've learned, still gathering data

Schedule



Project team

ADOT&PF

- Barbara Beaton, P.E.
 - Project Manager
- Joy Vaughn, P.E.
 - Consultant Coordinator

PDC Engineers

- Royce Conlon, P.E.
 - Project Manager
- Ken Risse, P.E.
 - Project Engineer
- Patrick Cotter, AICP
 - Project Planner

Solstice Alaska

- Robin Reich
 - Public Involvement Coordinator/Biologist
- Carla SlatonBarker
 - Public Involvement Specialist

Hydraulics & H Modeling

- Ken Karle, P.E.
 - Project Hydrologist

Shannon & Wilson

- Kyle Brennen, P.E.
 - Geotechnical Engineer

THE PROJECT PROCESS

PROJECT IDENTIFICATION

SCOPING

- → Determine project's purpose and need
- → Forecast aviation demand (current and future airport operations and aircraft types)
- → Establish facility requirements (such as runway and taxiway dimensions)
- Identify and analyze alternatives
- → Perform hydrological analysis
- → Identify environmental issues

ENVIRONMENTAL DOCUMENTATION

- → Affected environment
- → Environmental impacts★ Natural environment
 - **★** Human environment
- → Avoidance and minimization of negative impacts
- → Mitigation of impacts that cannot be avoided
- → Selection of Preferred Alternative
- → Permits

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PUBLIC INVOLVEMENT

COMMUNITY (HUMAN ENVIRONMENT)

- → Adequate space and services to meet the community's needs
- → Impacts to residents *Noise, land use
- Socioeconomic impacts

Keeping Everything in Balance

- → Meet FAA safety standards (such as safety area requirements)
- → Provide obstruction-free approaches

SAFETY

- → Minimize wildlife hazards
 → Provide adequate maneuvering area for aircraft on aprons
- → Reduce flood impacts
- → Orient for local winds

NATURAL ENVIRONMENT

- → Wetlands → Wildlife habitat
- → Floodplain/floodways ★Resurrection River

COSTS

- → Maintenance and operation ★Flood repairs
- → Development
- → Public use

DETAILED DESIGN

- → Surveying
- → Geotechnical investigations
- → Utilities
- → Plans, specifications, and cost estimates

RIGHT-OF-WAY ACTIVITIES

- → Evaluate airport rightof-way requirements
- → Buy property, if needed

CONSTRUCTION

Public Involvement Elements

- Public Meetings
- Stakeholder advisory group
- Newsletters
- Website w/ notifications of update
- Opportunity for Public Hearing (during review period for the Environmental Assessment)

Information Gathering

- Past, Present & Potential Future Aviation Activity
- Community Demographics
- Hydrology w/ potential new Floodplain Mapping
- Wind Data
- Geotechnical Information
- Environmental Conditions
- Adjacent Land Owners/Land Uses

Anticipated Schedule & Process

*The schedule is dependent upon a number of variables and will likely change

 2014
 2015
 2016
 2017
 2018
 2019

Scoping

June 2014 – Jan 2015



Jan 2015 – Dec 2015

Right of Way Acquisition

Oct 2015 - Feb 2017

Airport Design

Preliminary Local Plans in Hand Review PS&E Final PS&E 35% 65% 95% 100%

Construction

April 2018-Oct 2019

Public Involvement







Open House

