



Federal Aviation
Administration

Airport Improvement Program (AIP) Overview

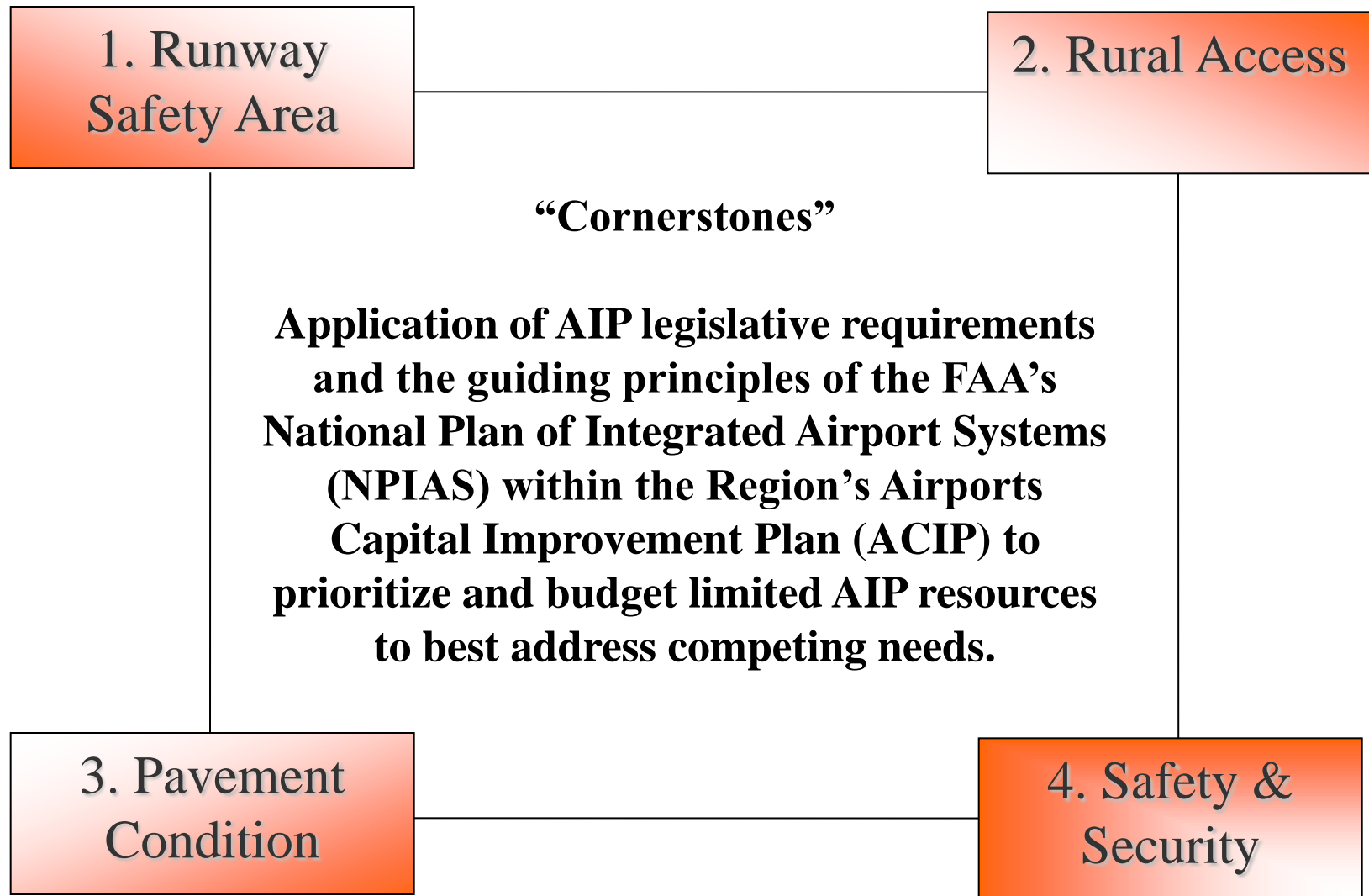
Presented to: 2010 AKDOT Northern Regional
Transportation Forum

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Alaska AIP “Cornerstones”



Cornerstones (cont'd)

1. Runway Safety Area

- Improve runway safety area at Part 139 certificated airports to the extent determined practicable

2. Rural Access

- Provide and enhance safe aeronautical access for rural Alaskan communities

3. Pavement Condition

- Preserve and enhance the condition of paved airport surfaces

4. Safety & Security

- Enhance safety and security of airports

“To understand where we are going, we need to understand where we’ve been.”

AIP investment from years 2000 through 2010, of a total of \$2.2 billion grant funding (including ARRA):

1. Runway Safety Area

\$342 million (\$301 million discretionary + \$41 million entitlements)

≅ 16% of the AIP

2. Rural Access

\$581 million (\$181 million discretionary + \$400 million entitlements)

≅ 27% of the AIP

3. Pavement Condition

\$420 million (\$189 million discretionary + \$231 million entitlements)

≅ 19% of the AIP

4. Safety & Security

\$459 million (\$137 million discretionary + \$322 million entitlements)

≅ 21% of the AIP

Cornerstone Goals

1. Runway Safety Area

**Total NPIAS Identified Needs (Years 2011 thru 2014) =
\$202 million**

**Annual Budgetary Planning Target \cong approx. 22-24% of
the AIP \cong \$53 million/year**

Projects of Significance:

- Kodiak (2 runways) ... \$50 million
- Nome (2 runways) ... \$50 million
- Dillingham ... \$25 million
- Kotzebue ... \$20 million
- Adak (2 runways) ... \$15 million
- Other ... \$42 million

Runway Safety Areas Project – Sitka Airport



Cornerstone Goals

2. Rural Access

**Total NPIAS Identified Needs (Years 2011 thru 2015) =
\$302 million**

**Annual Budgetary Planning Target \cong approx. 20 - 22%
of the AIP \cong \$49 million/year**

Noteworthy Projects:

- Akutan (community of 846) ... \$52 million (phased over 6 years)
- Kaktovik (community of 286) ... \$40 million (phased over 3 years)
- Tununak (community of 330) ... \$24.5 million (phased over 2 years)
- Angoon (community of 442) ... \$24 million
- Hooper Bay (community of 1,158) ... \$40-50 million (project scope still being defined)
- Pilot Station (community of 577) ... \$15 million (phased over 2 years)

Rural Access – New Alakanuk Airport



Cornerstone Goals

3. Pavement Condition

**Total NPIAS Identified Needs (Years 2011 thru 2015) =
\$350 million**

**Annual Budgetary Planning Target \cong approx. 25 - 27%
of the AIP \cong \$60 million/year**

- True needs far outweigh available AIP funding
- Over \$600 million of overall AKDOT “backlog” needs
- 50 % of runways (34 out of 68) have PCI < 70
- AKDOT working on a comprehensive plan to identify/quantify needs, establish priorities, and identify funding options (including funding outside the AIP program)

Pavement Condition – New Barrow Runway



Pavement Condition – Pavement Cracking & Repairs



Cornerstone Goals

4. Safety & Security

**Total NPIAS Identified Needs (Years 2011 thru 2015) =
\$345 million**

**Annual Budgetary Planning Target \cong approx. 25 - 27%
of the AIP \cong \$60 million/year**

- **Typical Projects: ARFF, Fencing, 1542 Security, Snow Removal Equipment, Wildlife Hazard Assessments & Mitigation**

Safety and Security – New Aircraft Rescue & Fire Fighting Vehicles



Questions?

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