SUSTAINABLE AIRPORT MASTER PLAN (SAMP) UPDATE

City of Federal Way
July 17, 2018
CURRENT STATUS OF CAPITAL DEVELOPMENT

• The Need for a Master Plan
  o Responsibility to meet demand
  o Without a plan, more congestion, traffic, flight delays

• Current Status
  o Phased approach to master plan
  o Focus on near-term projects

• Next Steps
  o Environmental scoping begins July 30
  o Official comments meetings begin in early September
SEA-TAC STATISTICS

- Ninth busiest passenger airport and 15th busiest for operations in the United States
- 69.4% of passengers began or ended their flight in Seattle in 2016
- Passenger numbers grew 2.6% in 2017 and 34.8% from 2013-2017
- Operations grew 1% in 2017 and 31% from 2013-2017
- Both Alaska and Delta are increasing service at Sea-Tac Airport
- Sea-Tac has 45 international services, with 22 airlines serving 27 international destinations
Puget Sound is home to a wide range of employers that contribute to the vibrant growth in the region.

**SEA-TAC GROWTH TRACKS WITH REGIONAL GROWTH**

- **2017**
  - Population: 4.06 Million
  - Projected Population: 4.3 Million
  - Total Passengers: 46.9 Million
  - Air operations: 416,000

- **2027**
  - Population: 4.7 Million
  - Projected Population: 56 Million
  - Total Passengers: 66 Million
  - Air operations: 480,000

- **2034**
  - Population: 4.7 Million
  - Projected Population: 56 Million
  - Total Passengers: 66 Million
  - Air operations: 540,000
SEA-TAC OPERATIONS OVER TIME

Source: Historical – Seattle-Tacoma International Airport records
SAMP Forecast: LeighFisher, based on data available through September 2014
## CONCURRENT STRATEGIES TO SERVE MARKET DEMAND

<table>
<thead>
<tr>
<th>Current Projects (46.9M PAX Today)</th>
<th>Near-Term Projects SAMP (56M PAX by 2027)</th>
<th>Long-Term Vision SAMP (Demand Beyond 2027)</th>
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<tbody>
<tr>
<td>• North Satellite</td>
<td>• Meet market demand</td>
<td>• PSRC regional aviation baseline study</td>
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<td>• International Arrivals Facility</td>
<td>• 19 additional gates &amp; second terminal</td>
<td>• Sea-Tac Airport airfield and airspace study</td>
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<td>• Concourse D Hardstand Holdroom</td>
<td>• Cargo facilities</td>
<td>• Additional environmental review</td>
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<td>• Baggage Modernization</td>
<td>• 30+ projects to improve safety, provide support facilities, improve efficiency, and access to the airport</td>
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<td>• Airport dining and retail development</td>
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SUSTAINABLE AIRPORT MASTER PLAN (SAMP)

Master Plan stages

• Inventory
• Forecasts
• Facility requirements
• Planning alternatives
• Environmental review
• Implementation plan
• Plan of Finance
• Airport Layout Plan approval
NEAR-TERM PROJECTS – MAJOR IMPROVEMENTS

- ARFF Relocation
- Westside Maint. Campus
- Taxiway D Extension
- Taxiway A/B Extension
- Hardstand - central
- North Gates
- C4S Warehouse Redevelopment
- Hardstand - north
- Fuel Farm Expansion
- Busway & Stations
- Roadway Improvements
- Second Terminal
- Airline Support
- Highspeed Exit
SAMP PUBLIC OUTREACH

- Community Open Houses – identical content, multiple locations
- Ongoing engagement with tenants, operators, FAA, & TSA
- Targeted engagement with external stakeholders
  - Airport-area communities
  - Underrepresented community leaders
  - Regional business and labor leaders
- Reporting out on Planning – 35+ events scheduled or completed
  - Open houses, city council presentations, chamber presentations, tabling at community events
- Environmental Review in Q3 2018
  - Coordinated outreach program between SAMP planning and environmental
PURPOSE OF ENVIRONMENTAL REVIEW

National Environmental Policy Act (NEPA)
State Environmental Policy Act (SEPA)

• Objective analysis of potential cumulative environmental impacts according to established procedures
• Verification of existing conditions and planning forecasts
• Identify ways to avoid, minimize, or mitigate impacts
• Public disclosure of environmental impacts
• Transparency and engagement key to process
• Overlay of environmental laws
SAMP ENVIRONMENTAL REVIEW

A single NEPA and SEPA document and process (12-18 months)

- **DRAFT NEPA Environmental Assessment (EA) anticipated***
  - Final form of document depends on results
  - NEPA EA allows for maximum Port of Seattle involvement
  - Analysis driven by issues and standards. FAA is lead agency

- **DRAFT SEPA Environmental Impact Statement (EIS) anticipated**
  - Maximizes agency and public engagement
  - Analysis driven by issues and standards. Port is lead agency

*NEPA EIS automatic triggers are new airport, runway, or major runway extension
ENVIRONMENTAL Impact CATEGORIES

- Air Quality & Greenhouse Gases
- Coastal Resources
- Compatible Land Use
- Construction Impacts
- Public Land & Recreational Impacts
- Endangered and Threatened Species
- Essential Fish Habitat
- Migratory Bird Act
- Floodplains
- Solid Waste Impacts
- Cumulative Impacts
- Hazardous Materials
- Historical & Archeological Resources
- Light Emissions & Visual Impacts
- Energy Supply & Sustainable Design
- Noise
- Induced Impacts
- Socio-Economic
- Environmental Justice
- Environmental Health
- Water Quality
- Wetland
- Transportation
- Shoreline
Next Steps

Planning Open Houses
5/30, 6/14, 6/20

Environmental Analysis
Fall 2018 – Fall 2019

NEPA EA/SEPA EIS comment period
Fall 2019

2018

Agency & Public Scoping Process
• Start scoping process/notification: July 30

Agency Scoping Meeting
• September 6 at Sea-Tac Airport

Public Scoping Meetings
• Week of September 10
• Week of September 17

Scoping Process/Comment Period Ends
• September 28

Draft NEPA EA/SEPA EIS – Early Fall 2019

Final NEPA EA/SEPA EIS – Late Fall 2019

Winter 2019
• FAA NEPA Decision
• Port of Seattle SEPA Determination
APPENDIX
LONG-TERM VISION

Additional planning to meet demand beyond 2027