Sustainable Airport Master Plan Near-Term Projects Environmental Review

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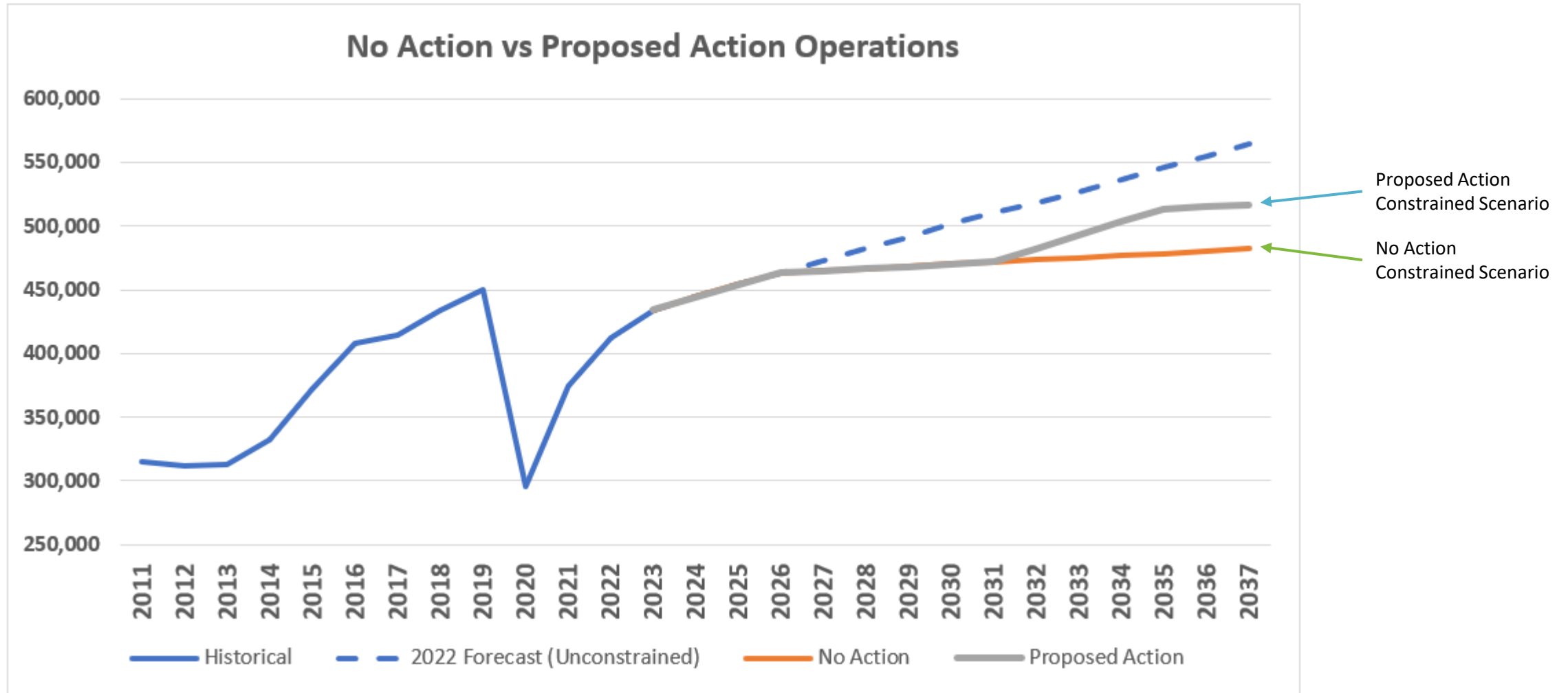Highline Forum – May 22, 2024

Sustainable Airport Master Plan
Near-Term Projects

- Additional passenger processing facilities and gates to accommodate projected 56 Million Annual Passengers (MAP) at an optimal Level of Service
- Additional cargo facilities to accommodate projected cargo demand
- Airfield infrastructure modifications to meet current Federal Aviation Administration airport design standards
- Improvements to enhance the efficiency of the overall taxiway layout
- Additional fuel storage facilities to meet projected demand and the Port's Sustainable Aviation Fuel initiative

Near-Term Projects
Undergoing Environmental Review

Environmental review analysis based on constrained growth scenarios

No Action vs Proposed Action Operations

Proposed Action Constrained Scenario

No Action Constrained Scenario

Legend: Historical — 2022 Forecast (Unconstrained) — No Action — Proposed Action

NEPA Resource Categories

- Air Quality
- Biological Resources
- Climate
- Coastal Resources
- Department of Transportation (DOT) Section 4(f)
- Farmlands
- Hazardous Materials, Solid Waste, and Pollution Prevention
- Land Use

- Historical, Architectural, Archeological, and Cultural Resources
- Natural Resources and Energy Supply
- Noise and Noise-Compatible Land Use
- Socioeconomics, Environmental Justice, and Children's Environmental Health and Safety Risks
- Visual Effects
- Water Resources
  - Wetlands, floodplains, surface waters, groundwater, wild and scenic rivers

FAA is lead agency for NEPA and the document will cover an extensive set of resource categories

SEPA Elements of the Environment

- Earth
  - Geology soils, topography, Unique physical features, Erosion/enlargement of land area

- Air
  - Air quality, odor, climate

- Water
  - Surface water movement/quantity/quality, runoff/absorption, floods, groundwater movement/quantity/quality, public water supplies

- Plants and animals
  - Habitat for and numbers or diversity of species of plants, fish, or other wildlife, unique species, fish or wildlife migration routes

- Energy and natural resources
  - Amount required/rate of use/efficiency, source/availability, nonrenewable resources, conservation and renewable resources, scenic resources

- Environmental health
  - Noise, risk of explosion, releases or potential releases to the environment affecting public health, such as toxic or hazardous materials

- Land and shoreline use
  - Relationship to existing land use plans and to estimated population, housing, light and glare, aesthetics, recreation, historic and cultural preservation, agricultural crops

- Transportation
  - Transportation systems, vehicular traffic, waterborne, rail, and air traffic, parking, movement/circulation of people or goods, traffic hazards

- Public services and utilities
  - Fire, police, schools, parks or other recreational facilities, maintenance, communications, water/stormwater

- Sewer/solid waste

Port is the lead agency for the SEPA and the document will cover an extensive set of environmental elements

Schedule

Timeline milestones:

- **Existing Condition Draft Sections** (Aug. 2023)
- **Impact Analysis Draft Sections** (June 2024)
- **NEPA EA Draft Document** — Agency and Public Comment Period (Q4 2024)
- **NEPA EA Agency & Public Review Complete** (Q1 2025)
- **NEPA EA Final Document & Decision** (Early Q2 2025)
- **SEPA EIS Draft Document** — Agency and Public Comment Period (Late Q2 2025)
- **SEPA EIS Agency & Public Review Complete** (Mid Q3 2025)
- **SEPA EIS Final Document & Decision** (Q4 2025)
- **Commission considers/approves project(s)**

Timeline years: 2024, 2025, 2026

Legend:
- ● = Key milestones
- ⬭ = Agency and Public Comment Period