Sustainable Airport Master Plan Near-Term Projects Environmental Review

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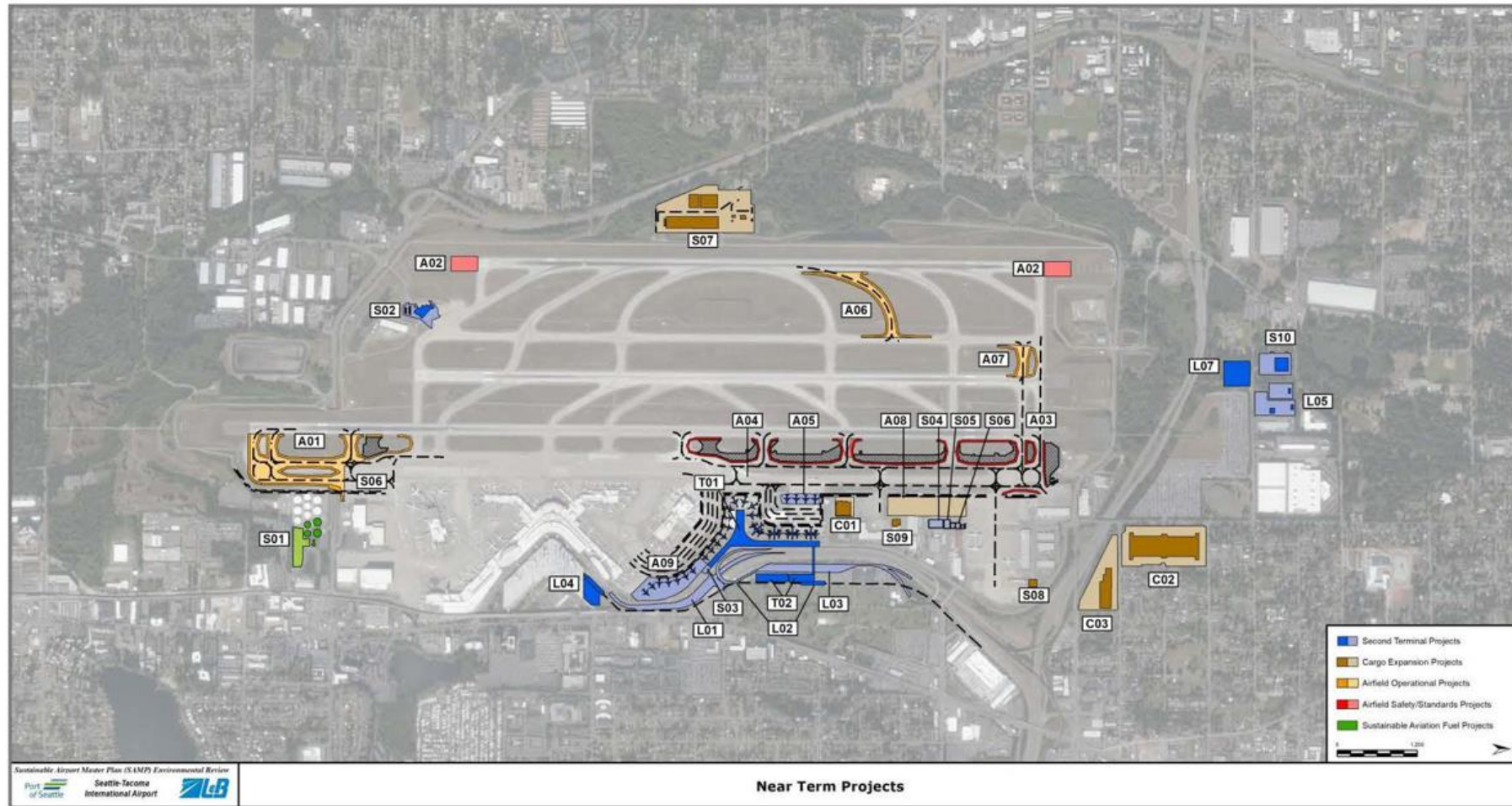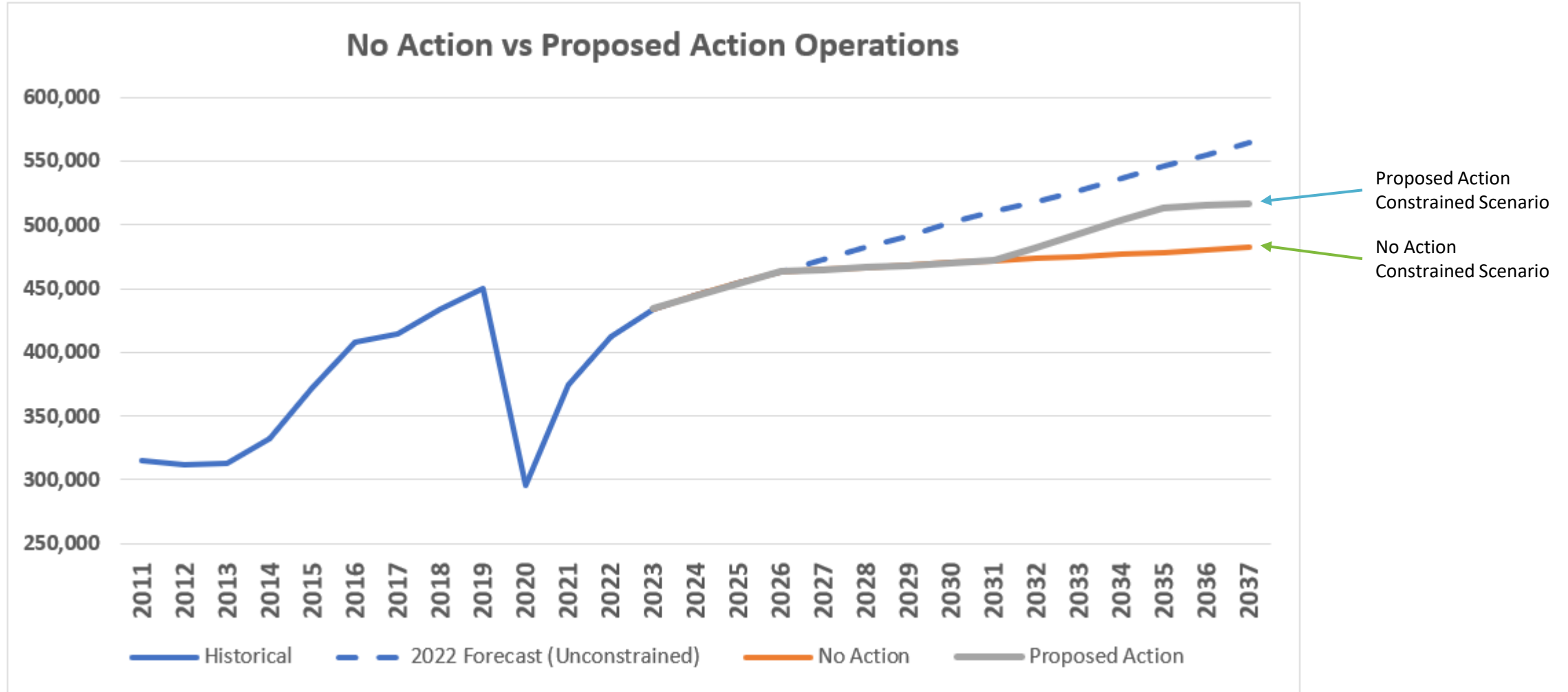
Port of Seattle®

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

Near Term Projects

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