

# TIER 2 EIS SCOPING MEETING



# WELCOME TO THE FEDERAL AVIATION ADMINISTRATION SCOPING MEETING

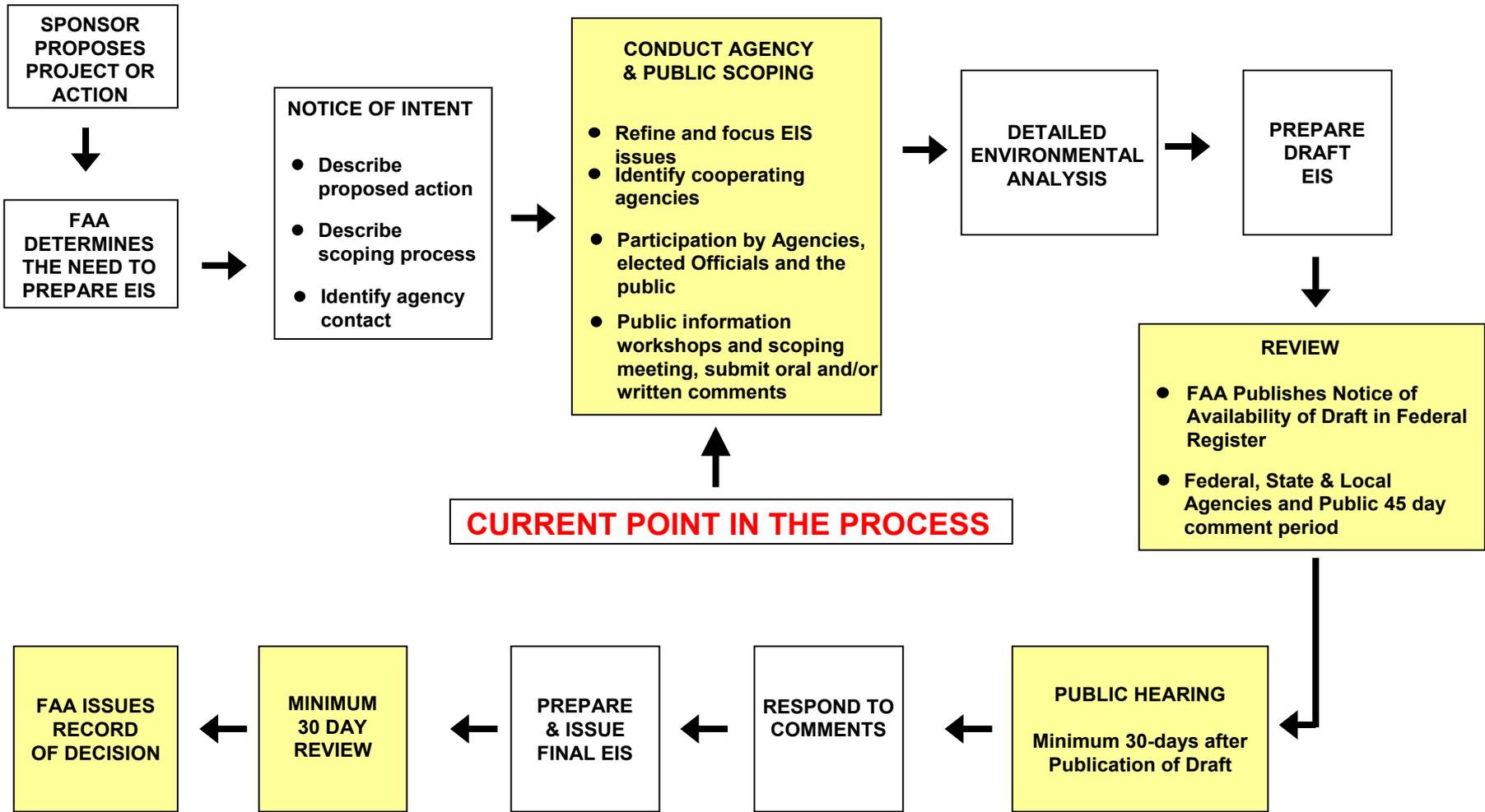
# TIER 2 EIS OVERVIEW



## SOUTH SUBURBAN INAUGURAL AIRPORT ENVIRONMENTAL IMPACT STATEMENT

The proposed South Suburban Airport, Inaugural Airport Program (SSA) will require environmental approval by the Federal Aviation Administration (FAA) in compliance with the National Environmental Policy Act of 1969. The preparation of an Environmental Impact Statement (EIS) is a systematic process of gathering and analyzing data in order to assess and document the potential environmental effects of a proposed Federal action such as approval of a new airport. The EIS documents the need for a proposed action, identifies possible alternatives to the action and evaluates environmental impacts. The EIS process also provides a forum for review and comment by appropriate governmental agencies and the general public. These comments will be fully considered in preparation of the Tier 2 EIS.

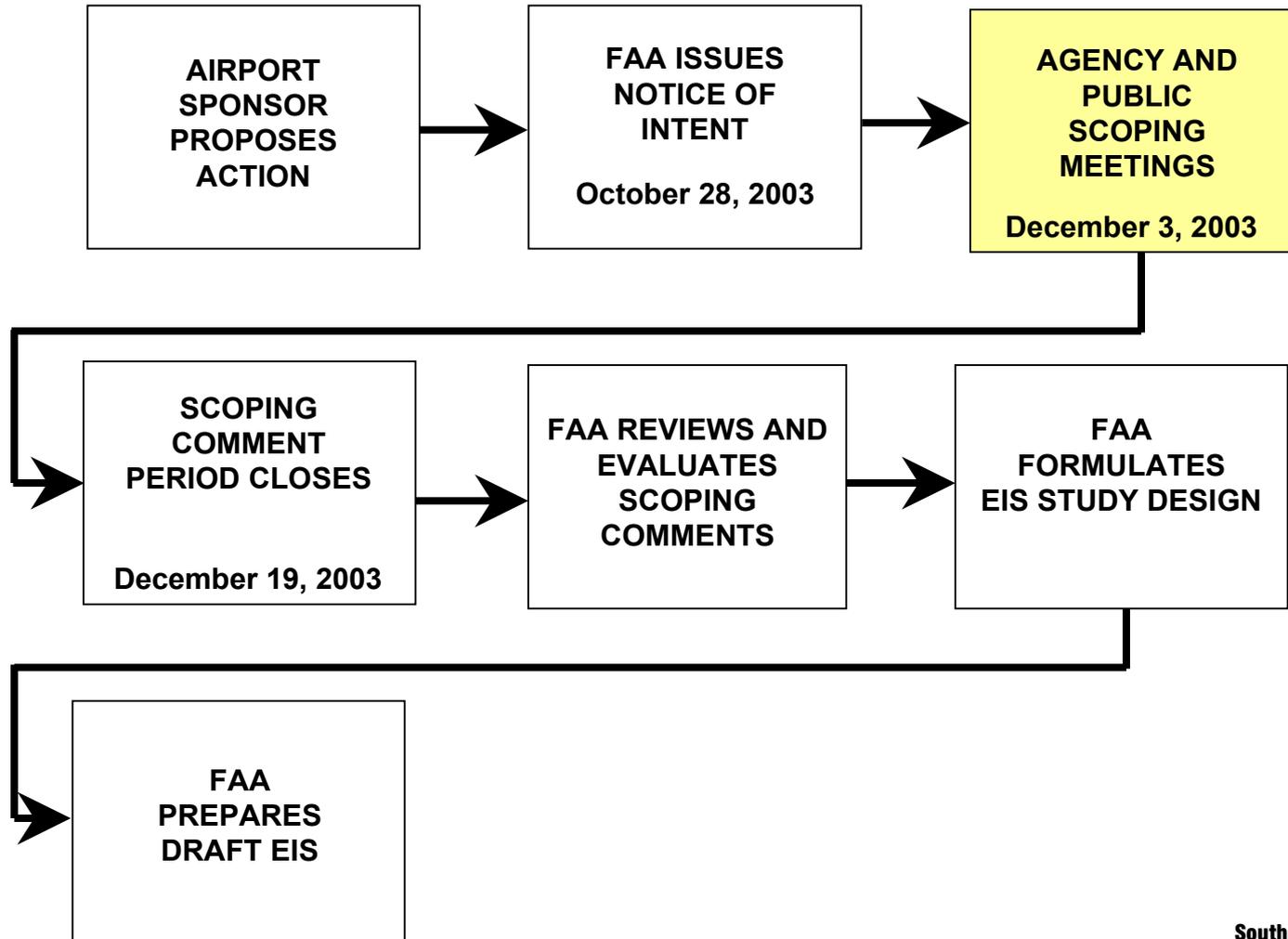
# EIS PROCESS



**CURRENT POINT IN THE PROCESS**

= Points of Public Involvement

# TIER 2 EIS SCOPING PROCESS



 = Point of Public Involvement

# CONCEPTUAL PROJECT DESCRIPTION



As currently proposed by the Airport Sponsor, State of Illinois, the Inaugural Airport Program could consist of the following proposed project elements to meet the aviation demand in the south suburban area of the greater Chicago region:

## New East-West Runway

Single runway capable of accommodating air carrier operations

Full parallel taxiway system

Air traffic control tower and navigational facilities

## New Airline Terminal

Terminal would be sized to meet projected demand

Aircraft parking apron

Terminal auto parking

Security facilities

Access roadways from Interstate 57

Airline maintenance and fueling facilities

## New Air Cargo Facilities

Air cargo buildings

Aircraft parking apron

Access roadways

Security facilities

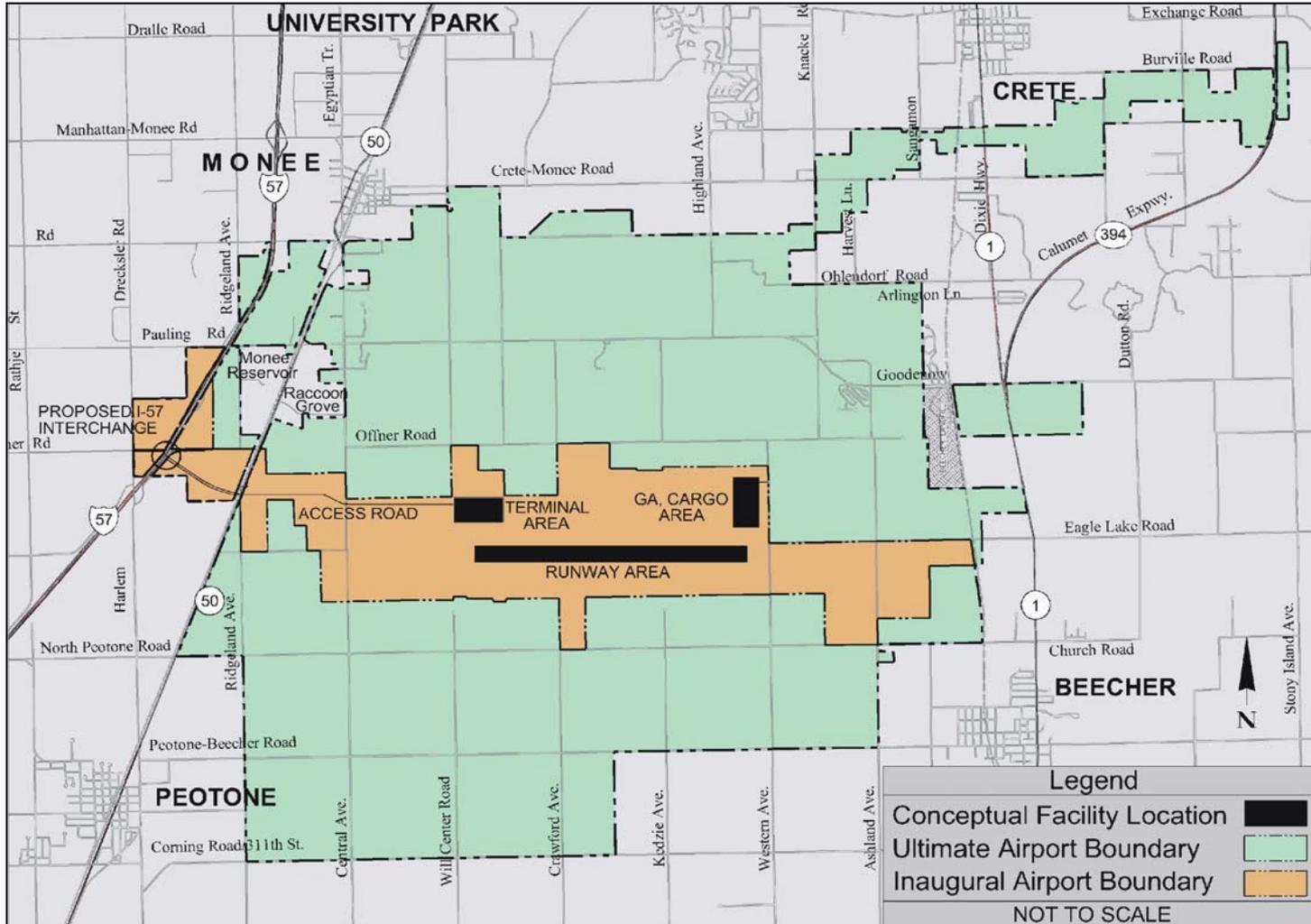
Air cargo operator and fueling facilities

## New General Aviation Facilities

General & Corporate Aviation facilities

Fueling facilities

# AIRPORT SPONSOR'S CONCEPTUAL PLAN



# PRELIMINARY PURPOSE AND NEED



## The preliminary Purpose and Need for the Proposed Action at the South Suburban Airport is to:

Satisfy the need to provide supplemental facilities to meet the existing and anticipated demands for air carrier, special and general cargo, and general and corporate aviation use within the south suburban area of the greater Chicago region.

Provide market access for air carriers increasing the opportunity for growth in one of the most rapidly developing counties in the country.

Provide special and general cargo handling facilities that would serve the industrial and warehousing facilities presently located in the south and southwest suburbs of Chicago.

Replace, expand and improve existing services and to provide access to portions of central and eastern Will County.

# PRELIMINARY ALTERNATIVES



Alternatives that will be examined in this EIS will include but will not necessarily be limited to the following:

- No-Action Alternative,
- Sponsor's Proposed Action Alternative,
- Alternative Inaugural Airport Facility Development at the South Suburban site,
- Off-Site Alternatives, and
- Additional Reasonable Alternatives Identified During Scoping.

# EIS CONSIDERATIONS



## ● Noise

- Follows FAA Guidelines using the Integrated Noise Model (INM), Version 6.1.
- Examines noise on average annual day basis, using Day-Night Average Noise Level, or DNL.
- Examines specific point noise using DNL or single-event noise metrics.
- Compares future year conditions, with and without the project.

## ● Land Use

- Examines existing and planned land use in the vicinity of the airport.
- Evaluates compatibility of proposed project with existing land use.

## ● Social / Environmental Justice

- Evaluates impacts associated with relocations or other community disruption resulting from a proposed action.
- Examines disproportionate impacts on minority and low-income populations.

## ● Induced Socioeconomic Impacts

- Examines induced or secondary impacts with respect to regional growth and development.
- Specifically examines: Shifts in population patterns; Public Service demands; Changes in business and economic activity

## ● Floodplains

- Examines compliance with Executive Order 11988, Floodplain Management.
- Identifies and characterizes floodways and 100-year floodplains within the project area.
- Examines potential impacts to floodways and 100-year floodplains from the proposed project.

## ● Coastal Zones / Coastal Barriers

- Examines compliance with the Coastal Zone Management Act and the Coastal Barriers Resources Act.
- No areas subject to provisions of either act are contained within the State of Illinois.

## ● Wild and Scenic Rivers

- Examines compliance with the Wild and Scenic Rivers Act, which provides protection for river areas that are free flowing and possess outstandingly remarkable scenic, recreational, geologic, fish and wildlife, historic, cultural or other similar values.
- Examines potential impacts to any river areas listed on the National Rivers Inventory list.

## ● Farmlands

- Examines compliance with the Farmland Protection Policy Act and the Illinois Farmland Preservation Act.
- Identifies those areas designated as prime or unique farmland.
- Examines potential impacts to any prime or unique farmland.

# EIS CONSIDERATIONS (cont.)



## ● Air Quality

- Follows FAA Guidelines using the Emissions Dispersion Modeling System (EDMS).
- Examines aircraft, vehicle and stationary source emissions associated with the project and compares them to the National Ambient Air Quality Standards (NAAQS).
- Considers Criteria Air Pollutants (CO, No<sub>x</sub>, VOCs, PM) .
- Compares future year conditions with and without project and includes both construction and operational activity.

## ● Water Quality

- Identifies and characterizes groundwater and surface water features that may be impacted by the proposed project.
- Examines ability of the project to comply with the Clean Water Act and state water quality standards during construction and operation of the proposed project.
- Examines existing water supply, projected water usage, water treatment requirements and associated impacts.

## ● Parks and Recreation

- Identifies and characterizes existing and planned publicly owned parks, recreation areas and historic sites of national, state or local significance within the vicinity of the proposed project.
- Evaluates potential impacts to publicly owned parks, recreation areas and historic sites resulting from development and operation of the proposed airport in accordance with Section 303 Title 49 U. S. Code (formerly Section 4(f)).

## ● Energy Supply / Natural Resources

- Identifies potential energy requirements of the proposed project for both stationary and mobile users.
- Examines potential impacts to energy supplies or natural resources from the proposed project.

## ● Light Emissions

- Identifies potential new sources of light emissions arising from the proposed project.
- Examines potential impacts to existing and future residents from the proposed project.

## ● Solid Waste

- Identifies existing and planned landfills in the project vicinity, and their current and future capacity.
- Identifies the estimated volumes of solid waste generated by the proposed project during construction and operation.
- Examines potential impacts to landfill capacity.
- Identifies if a potential safety hazard would exist in terms of aircraft operations and the location of existing or planned landfills.

## ● Construction

- Examines potential impacts resulting from the construction of the proposed project.
- Considers noise, dust, surface transportation, and air and water quality impacts.

# EIS CONSIDERATIONS (cont.)



## • Historic / Archaeological

- Examines compliance with the National Historic Preservation Act and the Archeological and Historic Preservation Act.
- Identifies properties in or eligible for inclusion in the National Register of Historic Places.
- Summarizes findings of archaeological and architectural surveys conducted within the project area.
- Will examine compliance with the Programmatic Agreement executed under the Tier 1 EIS.

## • Biotic Communities

- Characterizes the existing plant, animal, and aquatic resources within and adjacent to the proposed project site.
- Examines and quantifies potential impacts to the existing plant, animal, and aquatic resources within and adjacent to the proposed project site.

## • Threatened and Endangered Species

- Identifies any known populations of threatened and endangered species or critical habitat, listed or proposed for listing under the Endangered Species Act or by the Illinois Endangered Species Board, within the project area.
- Examines potential impacts to any listed species or critical habitat from the proposed project.

## • Wetlands

- Defined and evaluated in accordance with Executive Order 11990, Protection of Wetlands.
- Identifies and characterizes all wetlands within the project area.
- Examines potential impacts to wetlands from the proposed project.

## • Hazardous Materials

- Identify and evaluate the presence of existing and potential sites containing hazardous materials (hazardous wastes, environmental contamination, and other regulated substances such as fuel and other petroleum products) located on or adjacent to the project site.
- Evaluate the potential for disruption of sites containing hazardous materials or environmental contamination as a result of the proposed action.

## • Surface Transportation

- Identifies existing travel patterns, school bus routes, emergency vehicle access and traffic levels in the project area.
- Examines potential impacts to travel patterns, school bus routes, emergency vehicle access and traffic congestion from the proposed project.

## • Cumulative Impacts

- Identifies foreseeable impacts resulting from the incremental impacts of the action when added to other past, present, and reasonably foreseeable future actions.
- Considers projections of future population, employment and households for the area, as well as changes in land use and secondary impacts.

# HOW TO SUBMIT COMMENTS



## WRITTEN COMMENTS

Comment forms are available at this meeting for your written comments. Comments can also be submitted on a separate sheet of paper. You may submit written comments at this time or mail them to the address listed on the form and below. Mailed comments should be postmarked by December 19, 2003. Written comments may also be submitted by E-mail, by December 19, 2003, to: Mr. Rewerts at [7-AGL-SSA-EIS-PROJECT@FAA.GOV](mailto:7-AGL-SSA-EIS-PROJECT@FAA.GOV)

MAIL COMMENTS TO:  
Mr. Denis R. Rewerts  
Environmental Specialist  
Federal Aviation Administration  
Chicago Airports District Office  
2300 East Devon Avenue  
Des Plaines, IL 60018

## ORAL COMMENTS

Oral comments may be given to the Court Stenographer present at this meeting. The Court Stenographer will record and transcribe your comments for inclusion in the meeting transcript.

South Suburban Airport  
Inaugural Airport Program  
Environmental Impact Statement