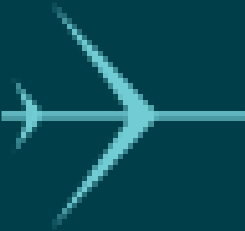


AIRPORT NOISE SUBCOMMITTEE

October 3rd, 2025



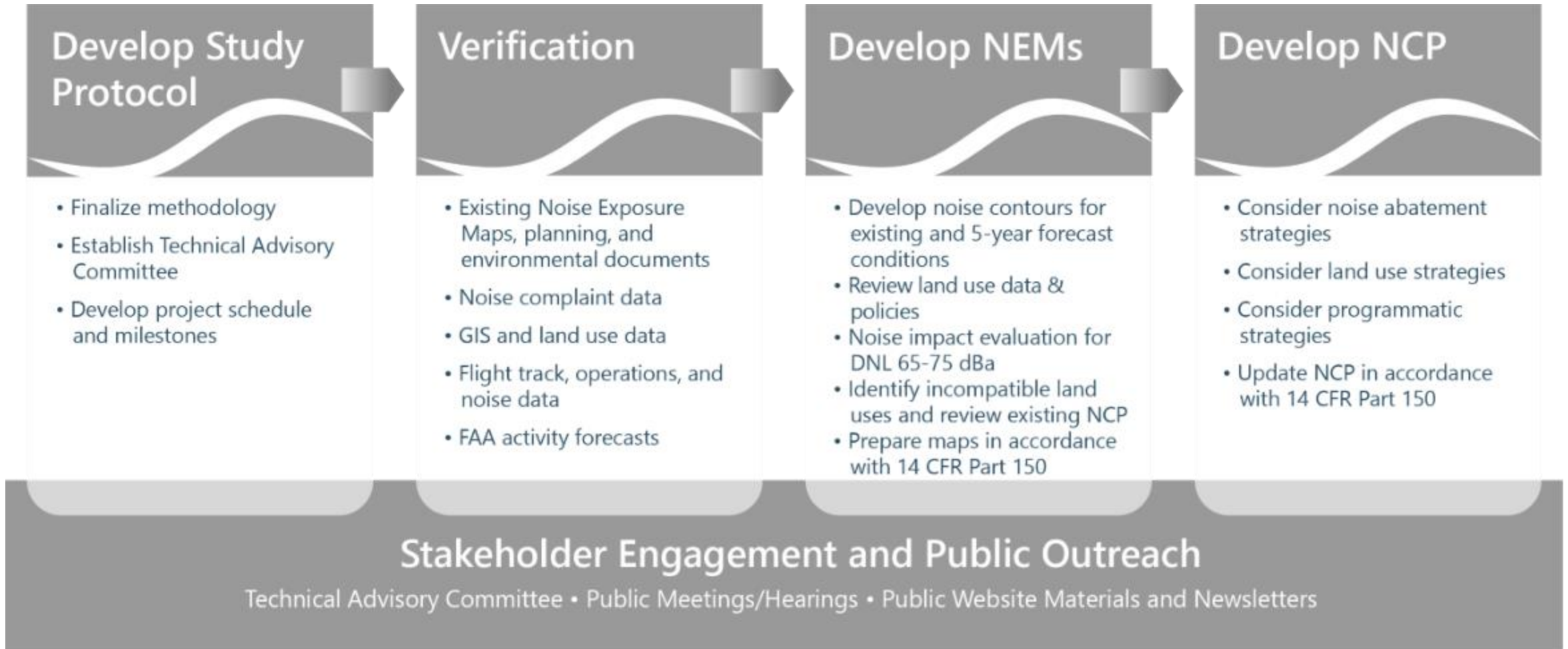
Agenda

- Introductions
- Part 150 Overview
 - NEM Overview
 - NCP Overview
- End Goal of the Part 150 and NCP process
- Background and previous timeline
- Why the withdrawal and where will we go from here?
- Draft schedule/timeline
- Public communication

Introductions

- Dane County Regional Airport Team
 - Airport (MSN)
 - Mark Papko – Executive Director
 - Ryan Falch – Director of Planning & Development
- Project Team
 - HMMH
 - Gene Reindel – Principal-in-Charge
 - Julia Nagy – Project Manager
 - Mead & Hunt
 - Kate Andrus – Project Lead
 - Chris Reis – Local Client Lead
- Airport Noise Subcommittee Members:
 - Jason Ilstrup, Airport Commission Chair
 - Supervisor Rylander
 - Alder Matthews
 - Angela Thomas, Airport Commission Vice Chair

Part 150 Overview: Study Process

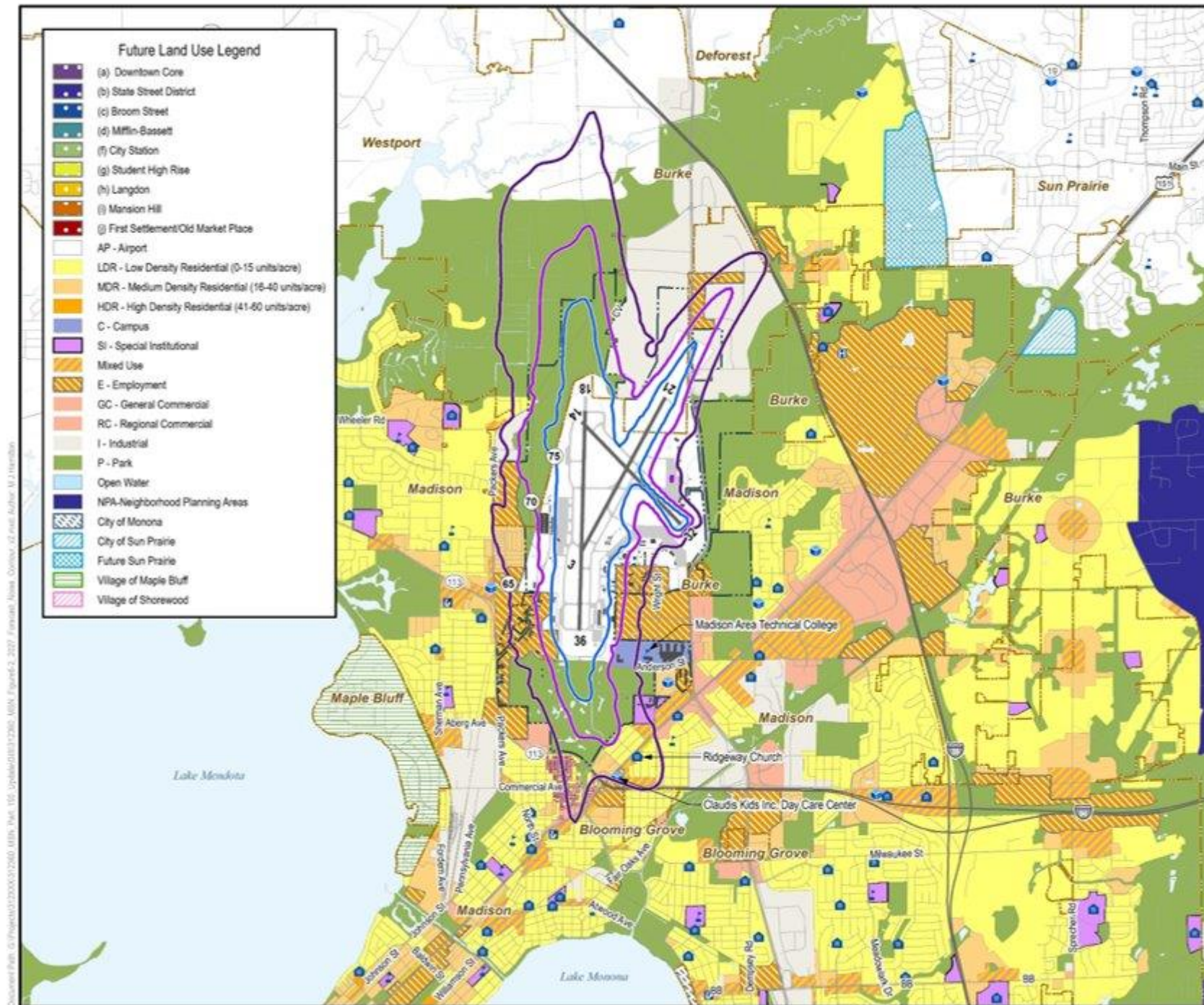


Information Refresh – Part 150 Study Overview

- Voluntary FAA-defined process for airport noise studies
 - Provides access to FAA funding for some approved measures
 - Well-established, understood, accepted, and comprehensive process
- Two primary elements
 - Noise Exposure Map (NEM)
 - Noise Compatibility Program (NCP)
- Consultation required with:
 - All local, state, and federal entities with control over land use within DNL 65+ dB
 - FAA regional officials, regular aeronautical users of the airport
 - All parties interested in review of and comment on the draft

Information Refresh – NEM Overview

- NEM must include detailed description of
 - Airport layout, aircraft operations, and other inputs to noise model
 - Aircraft noise exposure in terms of Day-Night Average Sound Level (DNL)
 - Land uses within DNL 65+ decibel (dB) contours
 - Noise / land use compatibility statistics within DNL 65+ dB contours
- NEM must address two calendar years
 - Year of submission (2022)
 - Forecast (at least five years from year of submission; 2027)
- FAA reviews forecasts for consistency with Terminal Area Forecast (TAF)



Dane County Regional Airport Madison, Wisconsin

Figure 6-2:
Forecast Condition (2027)
FAA-accepted Noise Exposure Map



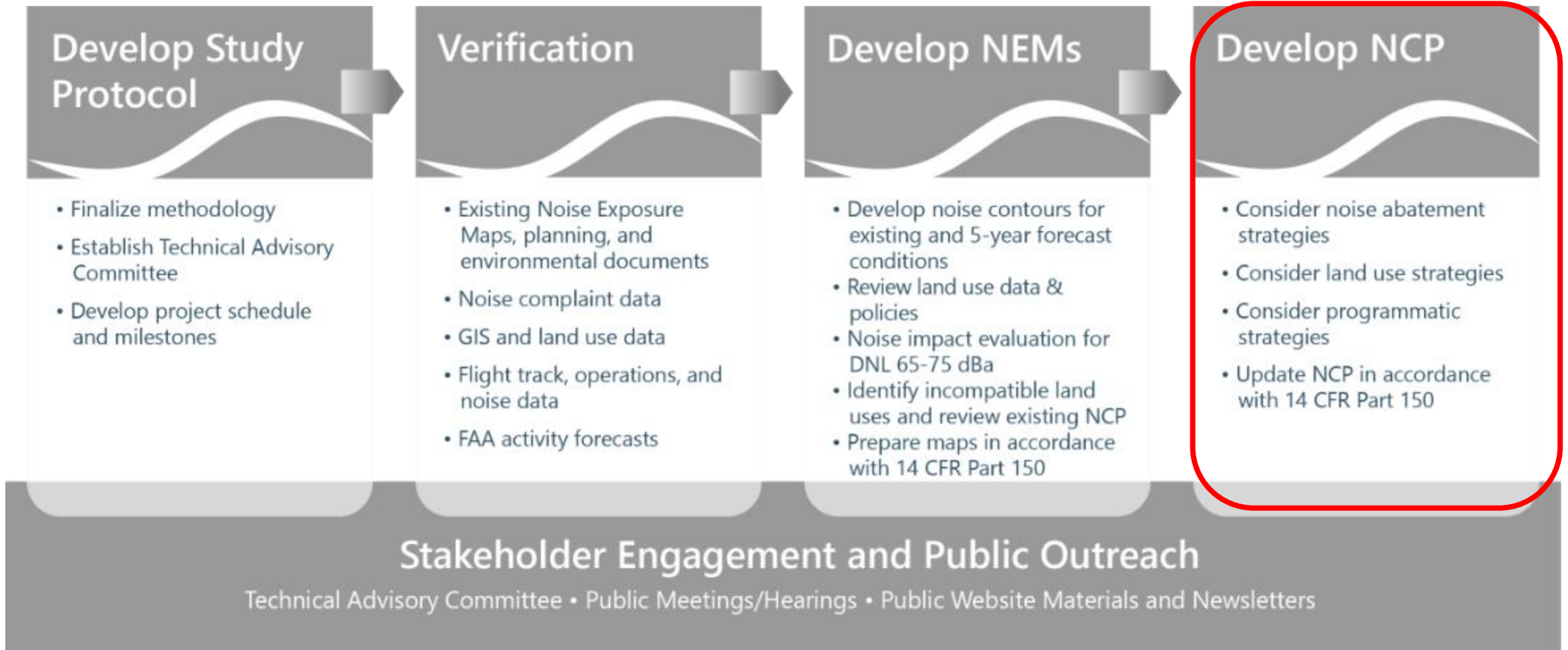
Source: County of Dane, Wisconsin; City of Madison, Wisconsin; Wisconsin Department of Natural Resources; ESRI, Inc.



0 2,000 4,000 Feet



Part 150 Overview: Study Process



Information Refresh – NCP Overview

Objectives of proposed measures:

- **Reduce** exposure over incompatible uses
- **Limit** growth in exposure over incompatible uses
- **Mitigate** exposure where it cannot be reduced to compatible levels
- **Prevent** introduction of new incompatible uses

Land Use Strategies

- Land acquisition
- Sound insulation
- Avigation easements
- Prevention
- Land use controls
- Real estate disclosures

Noise Abatement Strategies

- Flight tracks
- Preferential runway use
- Arrival/departure procedures
- Airport layout modifications
- Use restrictions

Programmatic Strategies

- Implementation
- Promotion
- Monitoring
- Reporting
- NEM updating
- NCP revision

Analysis and Selection Process

- 1) Evaluate effectiveness in addressing objectives
- 2) Evaluate feasibility (economic, operational, safety, etc.)
- 3) Select most effective “package” of measures
- 4) Identify implementation responsibilities, schedule, etc.
- 5) If not recommended, document reason(s)



What is the end goal?

- A widely accepted NCP approved by all, making mitigation measures open for potential funding opportunities:
 - Reduce existing and future incompatible land uses identified in the 2027 NEM
 - Obtain stakeholder consensus on NCP measures and implementation processes
 - Obtain funding for NCP measures that benefit local communities

Background and Previous Timeline

- Dane County, as the owner and operator of MSN, submitted the NEM update in December 2022, which contained the official NEM representing existing conditions (2022) and forecast conditions (2027).
- The FAA accepted the 2022 NEM update as meeting Part 150 requirements in a letter dated December 21, 2023.
- The County conducted a two-year effort including stakeholder and public outreach and subsequently submitted the MSN NCP update to the FAA in November 2024
- The NCP contained several noise abatement, land use and programmatic recommendations to address the incompatible land uses identified in the NEM update

Why the Withdrawal?

- Withdrew the existing NCP due to several factors:
 - The previous NCP had not moved to publication in the Federal Register.
 - Alignment with Airport Strategic Documents:
 - Airport Master Plan, Airport Layout Plan
 - Recommendations for Runway configuration changes had not been included in old strategic documents.
 - Justification for funding is part of the Airport Master Planning process
 - Alignment with Stakeholders:
 - City of Madison
 - Dane County
 - WI Air National Guard
 - FAA
 - Alignment with the General Public and Surrounding Communities.



What will be different in the amended NCP?

- Key themes of the NCP Amendment:
 - Categorizing alternatives into short, medium, and long-term opportunities
 - Airport Master Plan -1993
 - Airport Layout Plan - 2018
 - NCP - 2024
 - Evaluation of entering the Residential Sound Insulation Program and Avigation Easements
 - Evaluation of offering a clean slate of Avigation Easements.
 - Reengaging Noise TAC (Technical Advisory Committee) for alignment
 - Opportunities for public to comment/recommend alternatives in the amended NCP.

Draft Schedule

Date	Action
September 10 th , 2025	Project kickoff and meeting with FAA
October 2 nd , 2025	TAC Meeting #1
October 3 rd , 2025	Airport Noise Subcommittee Meeting
Week of October 20 th , 2025	TAC Meeting #2
October 24 th , 2025	Draft Revisions to FAA
October 24 th , 2025	Begin Public Review Period
Tentative Week of Nov 3 rd or 10 th	Three Public Meetings (Weekday, Weeknight, Weekend)
Week of Nov 17 th , 2025	Airport Noise Subcommittee Meeting and Public Hearing
November 24 th , 2025	Close of Public Review Period
November 26 th , 2025	Submit Amended NCP to FAA
12-2025 through 06-2026	Begin 180-Day Federal Register Notice Timeline
July - September 2026	Receive final approval of NCP (Eligible for grant funding)

*A finalized schedule will be shared after today's meeting/feedback

How will we communicate to get public feedback?

- Put together memo/press release summarizing this presentation/feedback
- Send notice to the same individuals that participated before
- Online and social campaign
 - Part 150 Website:
<https://www.msnaairport.com/about/ecomentality/Part-150-Study>
 - Email distribution list
 - Social Media
 - Emailed comments: Part150study@msnaairport.com
- Dates and times will be flexible (week day, week night, weekend)



Questions?

Mark Papko, Executive Director

Dane County Regional Airport

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