

Elements of a Noise Compatibility Program

● **Noise Abatement Alternatives**

Purpose: To **reduce** noise levels in surrounding communities

Types of noise abatement alternatives:

- Flight location (e.g., moving arrival and departure flight corridors)
- Runway use program (e.g., how often runway ends are used)
- Ground activity restrictions (e.g., run-up locations/time)
- Facility development (e.g., runway extensions, noise barriers)
- Flight restrictions (e.g., mandatory curfews/restrictions - would require Part 161 Study)

● **Land Use Mitigation Alternatives**

Purpose: To **mitigate** noise levels in surrounding communities

Types of land use mitigation alternatives:

- Corrective (e.g., sound insulation, land acquisition)
- Preventive (e.g., re-zoning program, building codes)

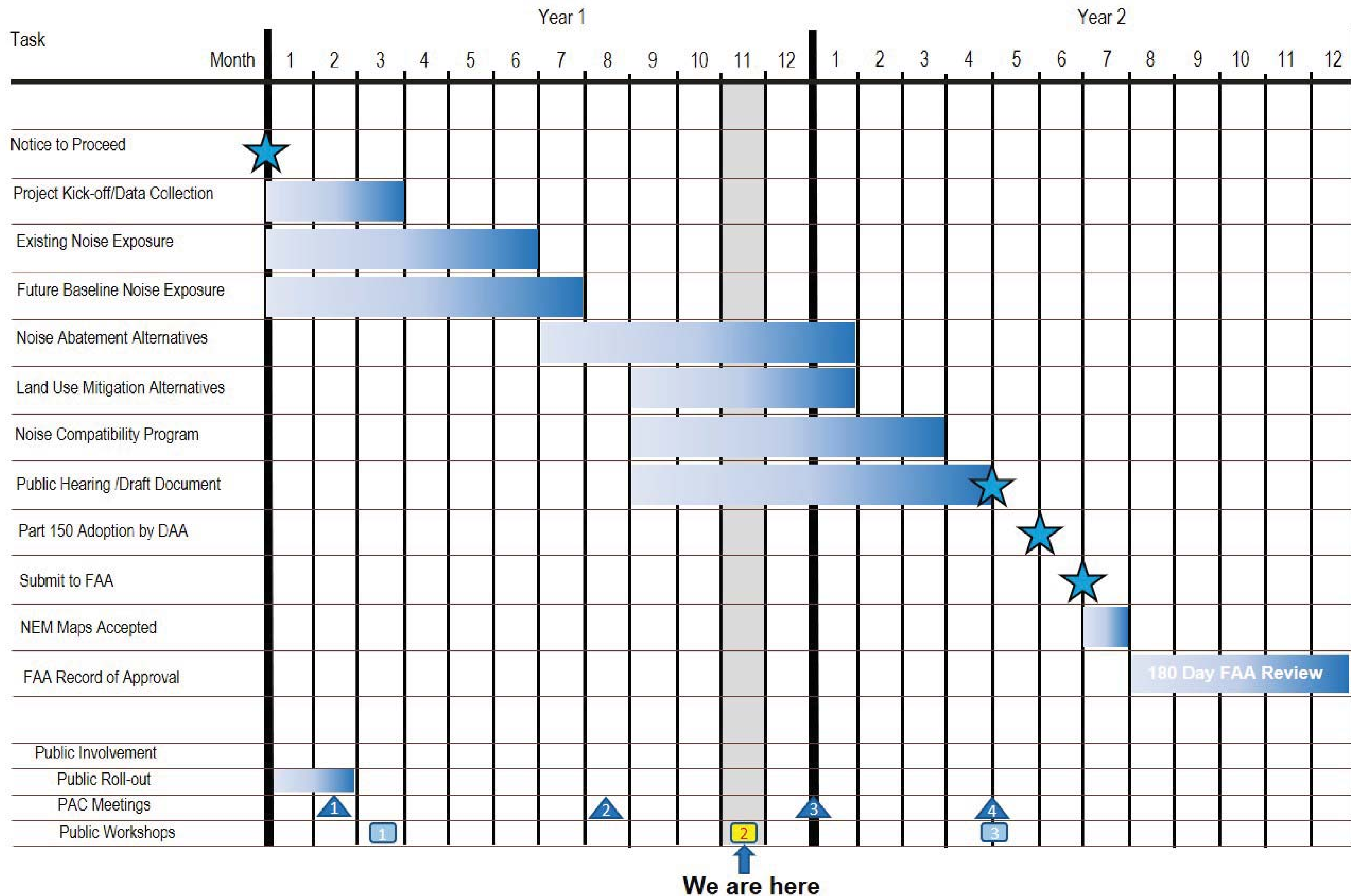
● **Program Management Alternatives**

Purpose: To **recommend** community outreach programs

Types of program management alternatives:

- Community roundtable/noise abatement committee
- Noise complaint website or telephone hotline
- Regular update of NEM and review of NCP

Part 150 Study Timeline



Next Steps

- **Next Public Workshop - Late Fall 2020**
- **Compile suggested noise abatement and land use mitigation alternatives**
 - Input from FAA, advisory committee, airport staff, and public
- **Begin evaluation of noise abatement alternatives**
 - Determine feasibility of recommended alternatives
 - Determine safety issues related to recommended alternatives
 - Determine operational impacts of recommended alternatives
 - Perform a Noise Impact Assessment of recommended alternatives if necessary
- **Begin evaluation of land use mitigation alternatives**
 - Determine feasibility of recommended alternatives
 - Coordination with local municipalities
 - Develop airport overlay and land use management plan
- **Prepare draft documentation**
- **Comments and questions may be submitted online at: <https://duluthairport.com/noise-study/> or emailed to DAA@DuluthAirport.com**