

# Duluth Airport Master Plan

Economic Development

Technical Advisory Committee (TAC)  
Meeting #1

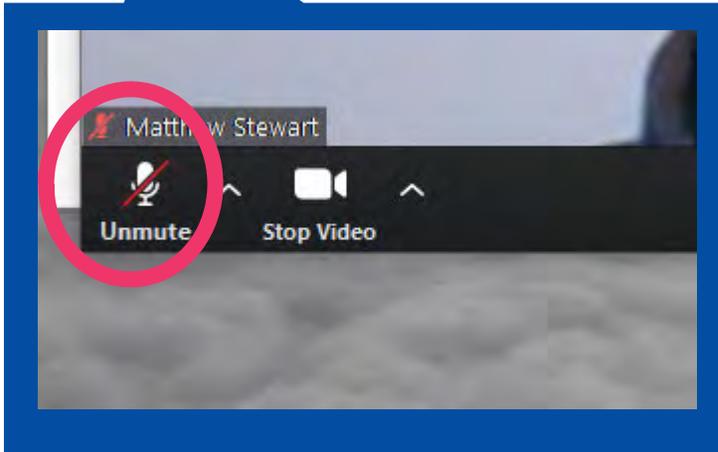
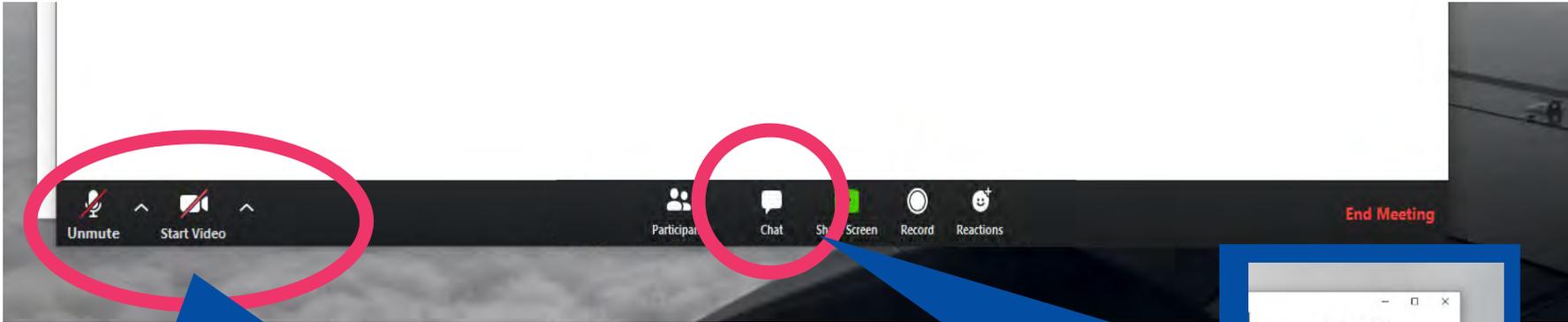
April 9, 2020



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# Zoom Online Meeting Basics

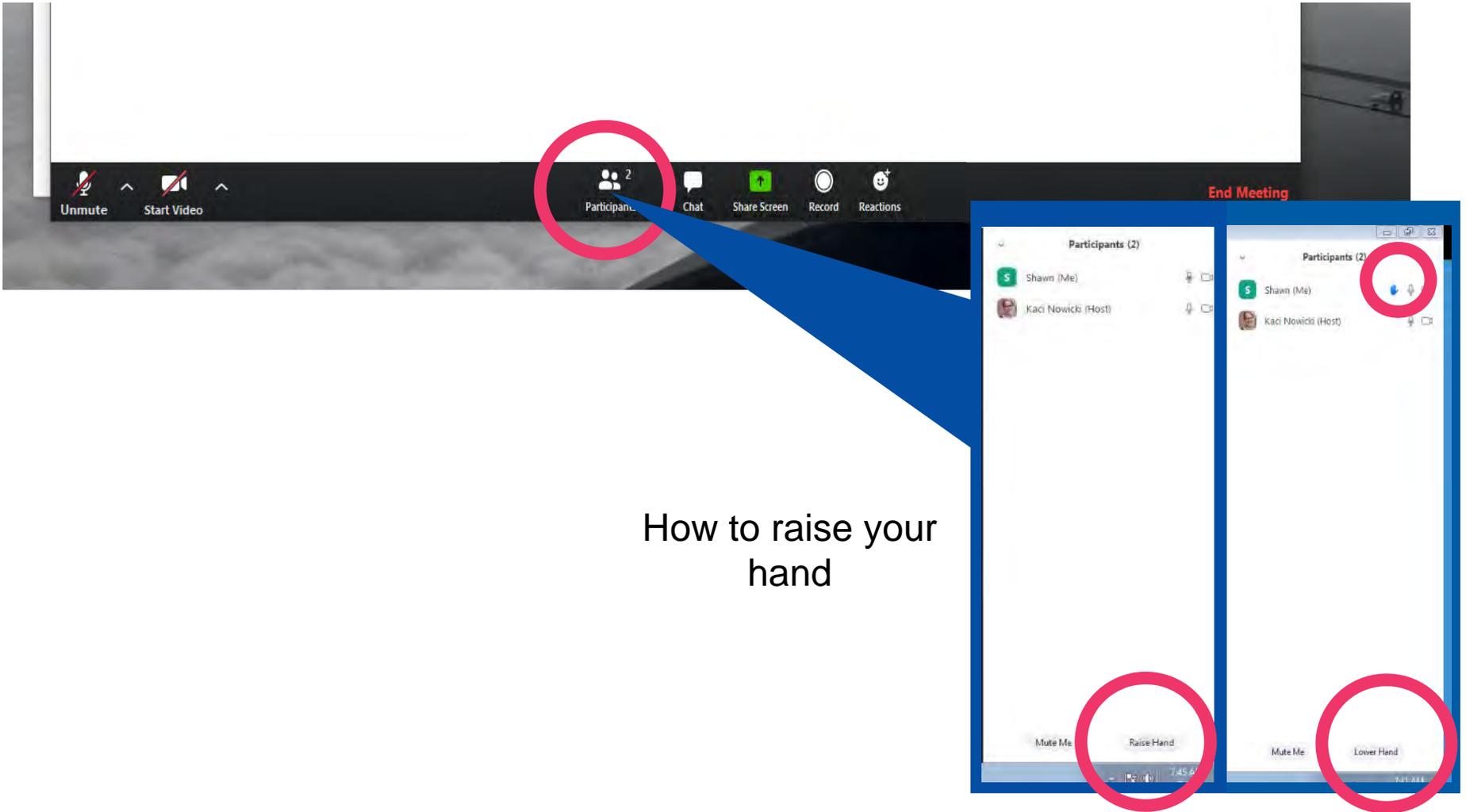


Please mute your microphone to limit feedback noise when not talking.

You can chat with the participants in the meeting by clicking *Chat*.



# Zoom Online Meeting Basics



How to raise your hand

# Introductions

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# Introductions

- Name
- Organization
- Role
  - How economic development is part of your role or interest



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# Meeting Agenda

- Master Plan overview
- Airport Overview
- Economic Development TAC Goals
- Group discussion



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# Master Plan Overview

# What is a Master Plan?

Comprehensive study of an airport that describes short-, medium-, and long-term development plans.

**The goal of a Master Plan is to provide the framework needed to guide future development that will cost-effectively satisfy aviation demand, while considering potential environmental and socioeconomic impacts.**



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# What influences the Master Plan?

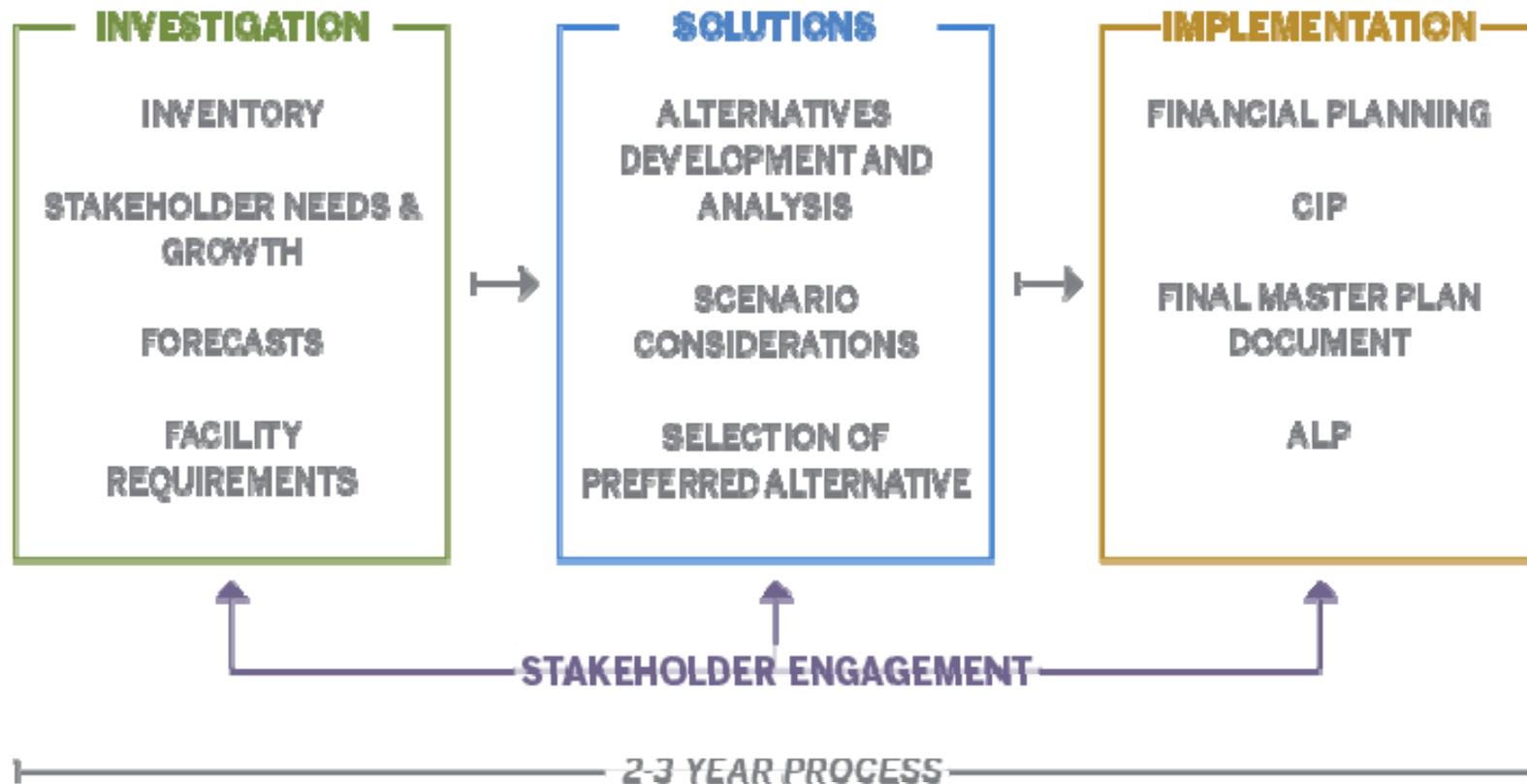
- FAA and MnDOT standards
- Aviation demand
- Environmental considerations
- Infrastructure constraints
- Financial feasibility
- Community goals and input
- Stakeholder input



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# Master Plan Stages

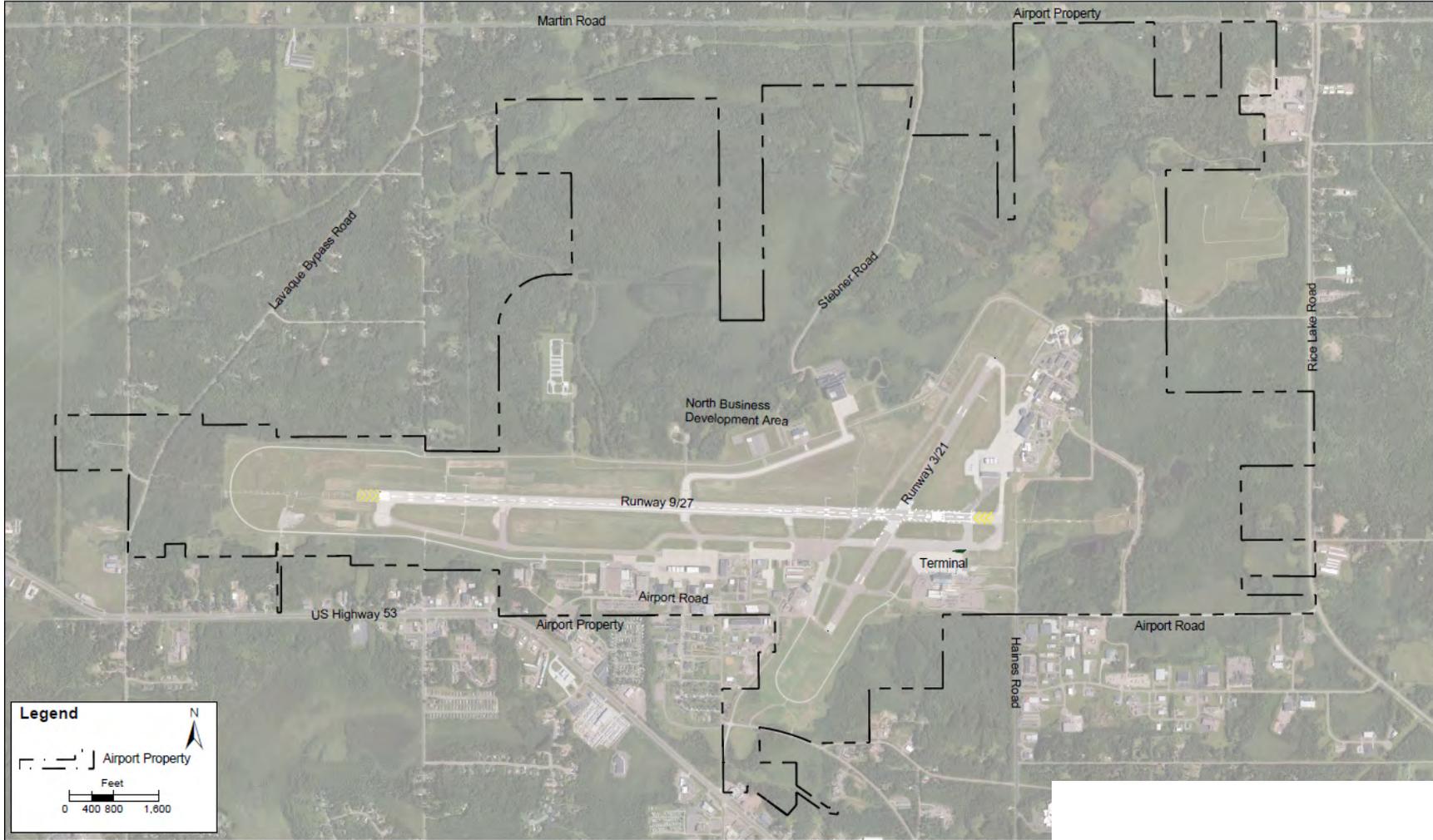


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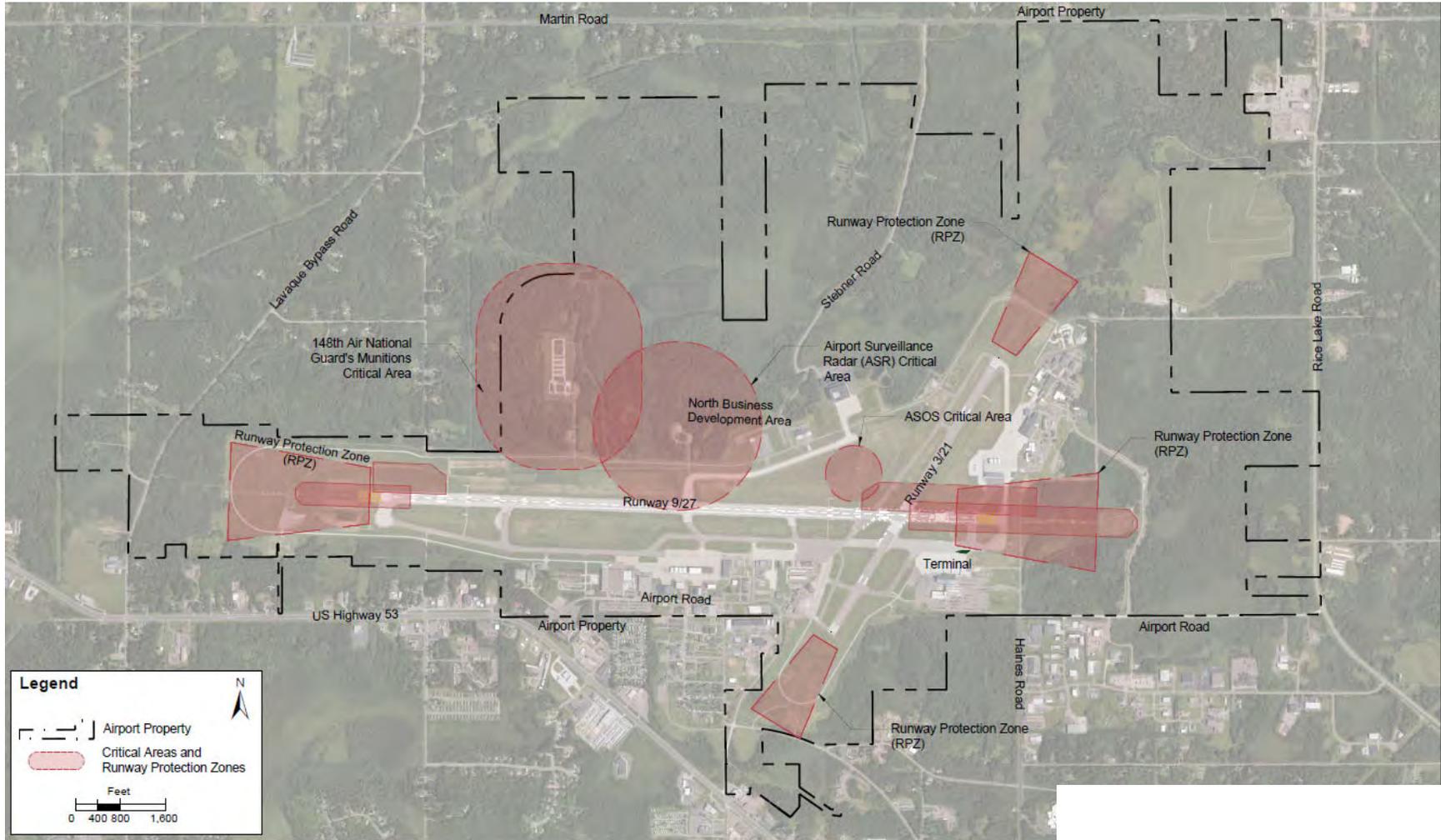


# Airport Overview

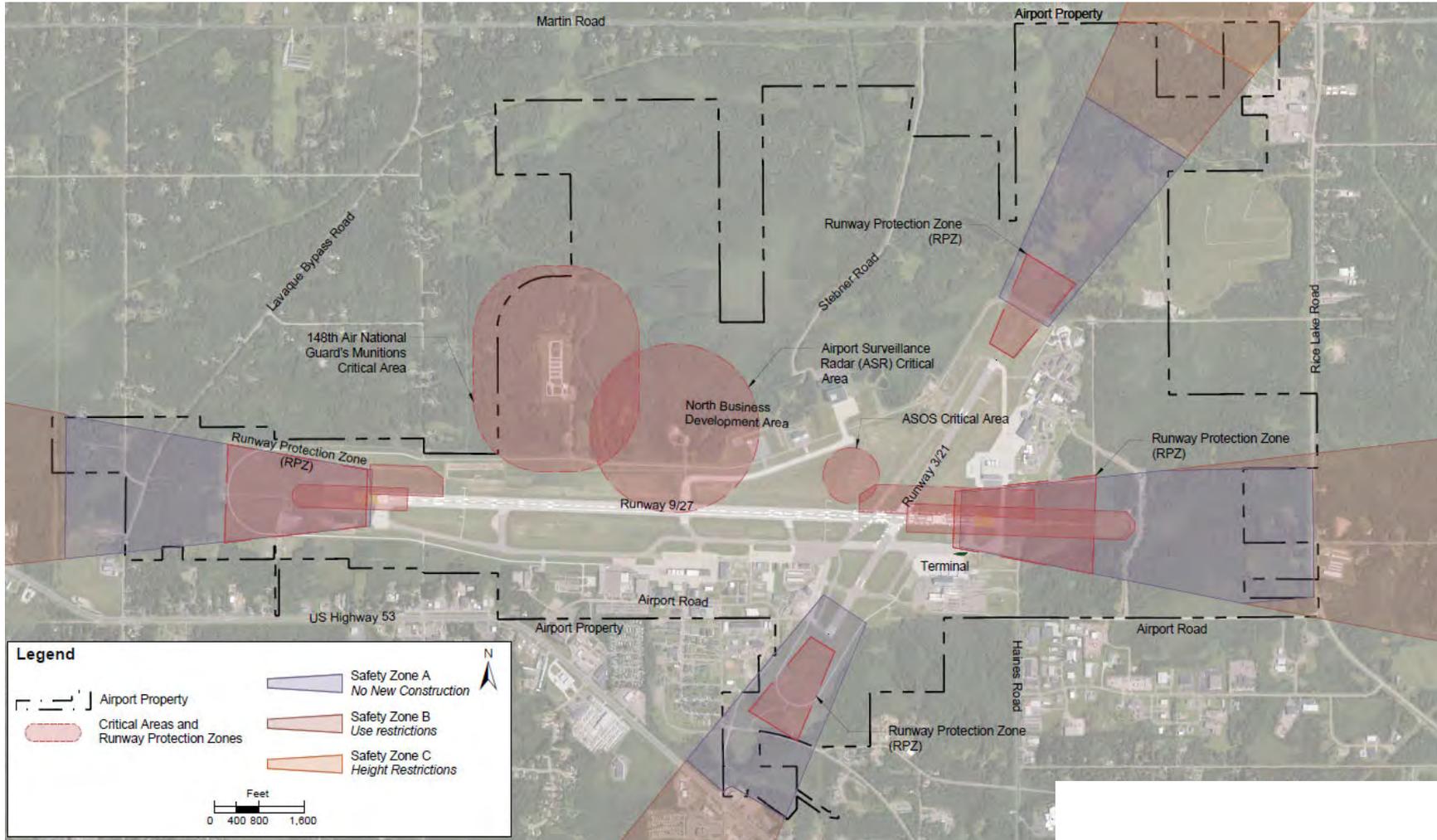
# Airport Property



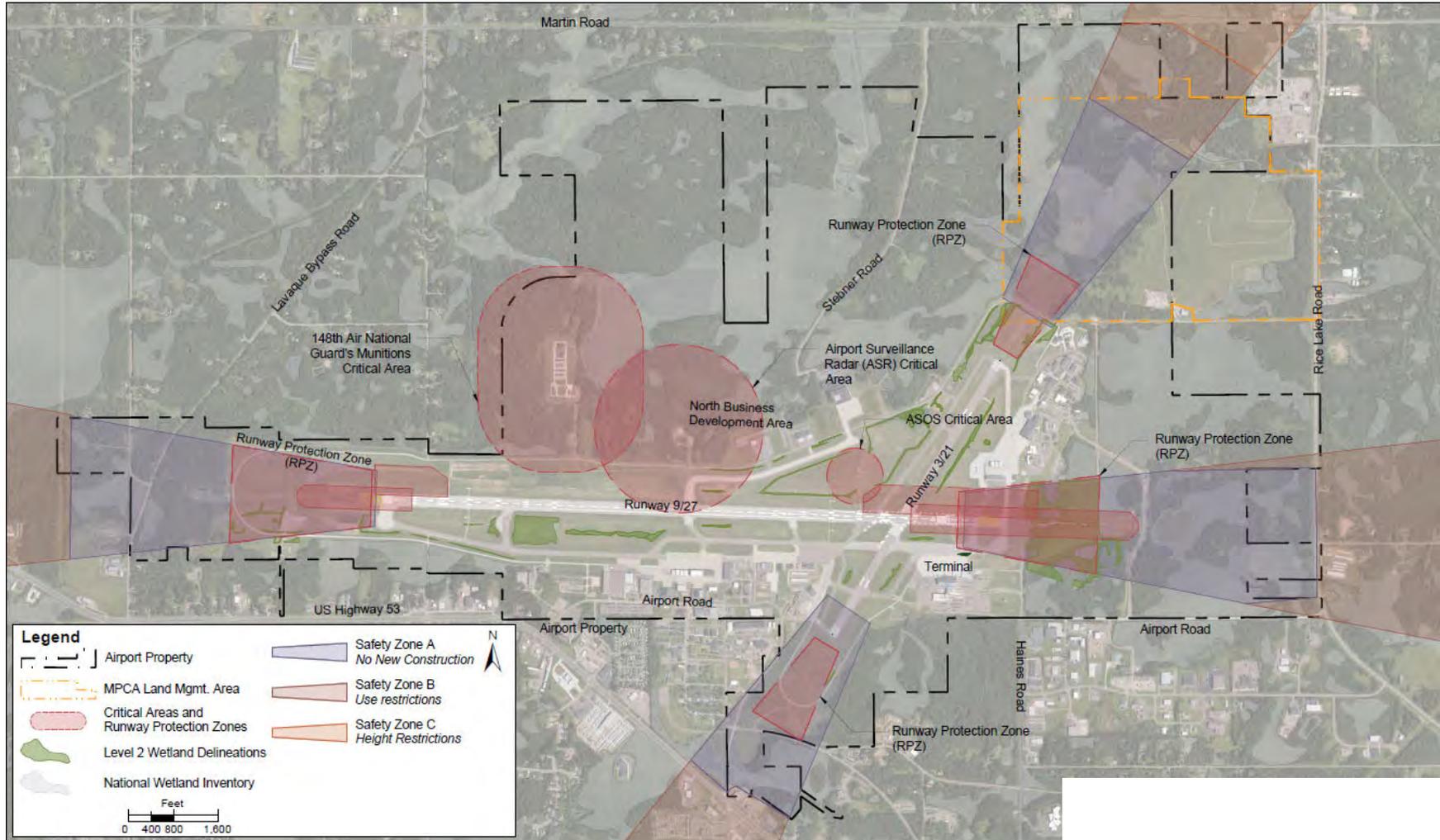
# Airport Protected Areas



# Existing Airport Safety Zoning



# Existing Environmental Features



# Transportation Options

- Rental Car Companies
- Commercial Vehicle Services
- Transportation Network Companies (TNCs )
  - Lyft and Uber
- Landline
- DTA
- Personally Owned Vehicles



LANDLINE

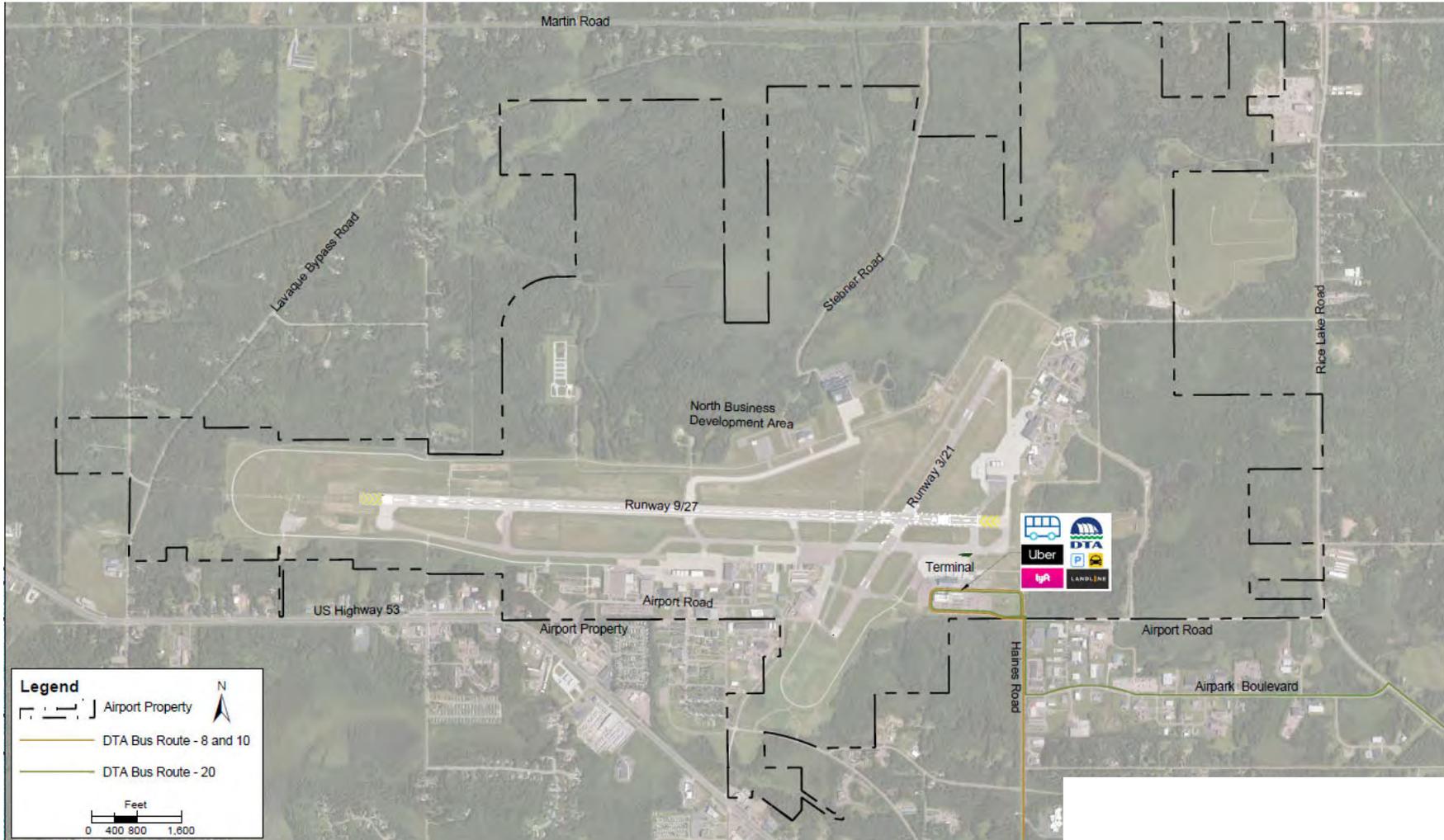


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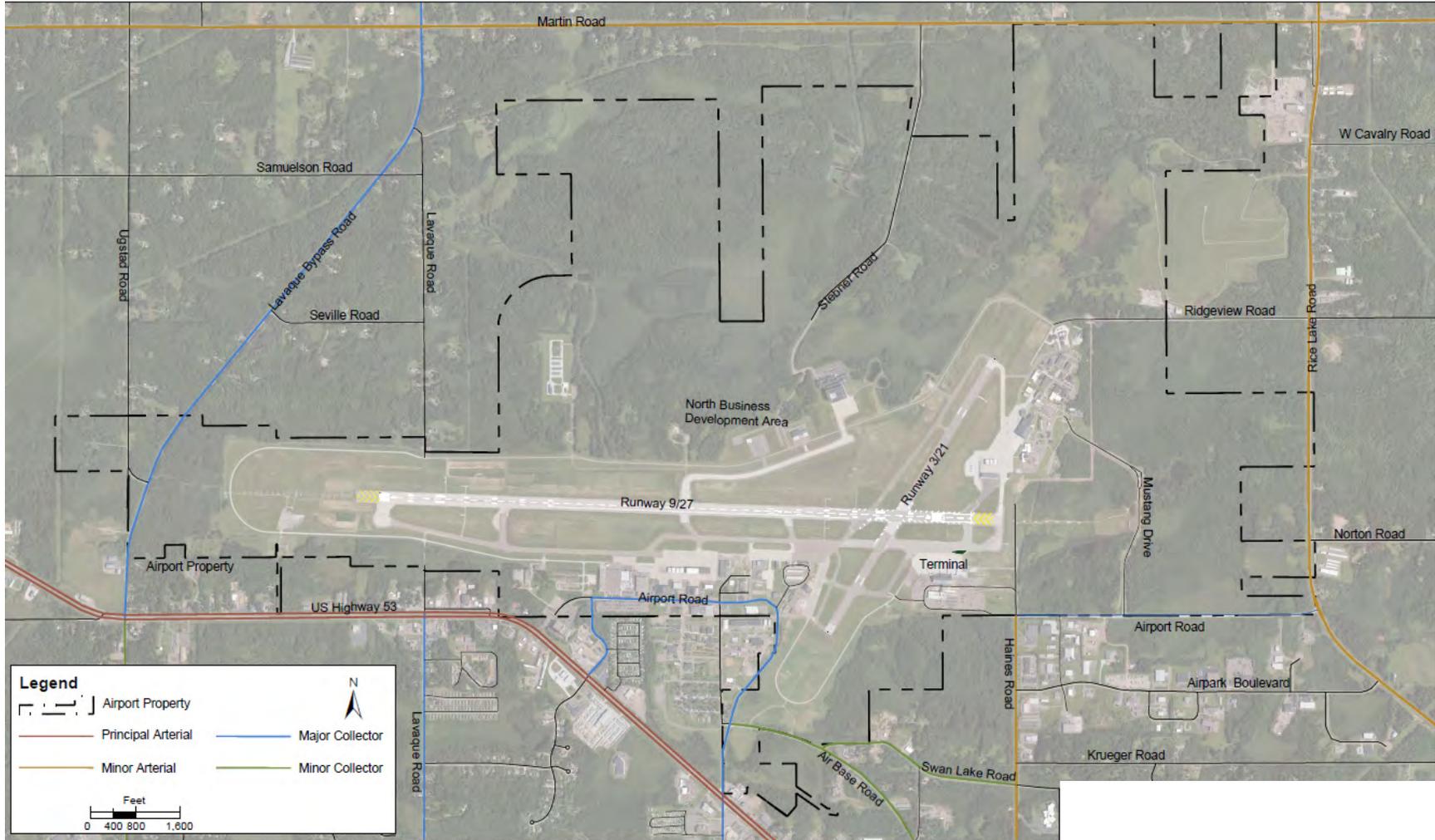


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# Airport Transit Options



# Airport Road Network



# Major Airport Businesses



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# DLH Economic Impact

# Total Annual Economic Impacts of DLH

Visitors	82,578 annually
Area Employment	6,230 total jobs
Payroll	\$227.3 million
Spending	\$483.3 million
Total Economic Activity	\$760.6 million
State and Local tax revenues	\$32.9 million

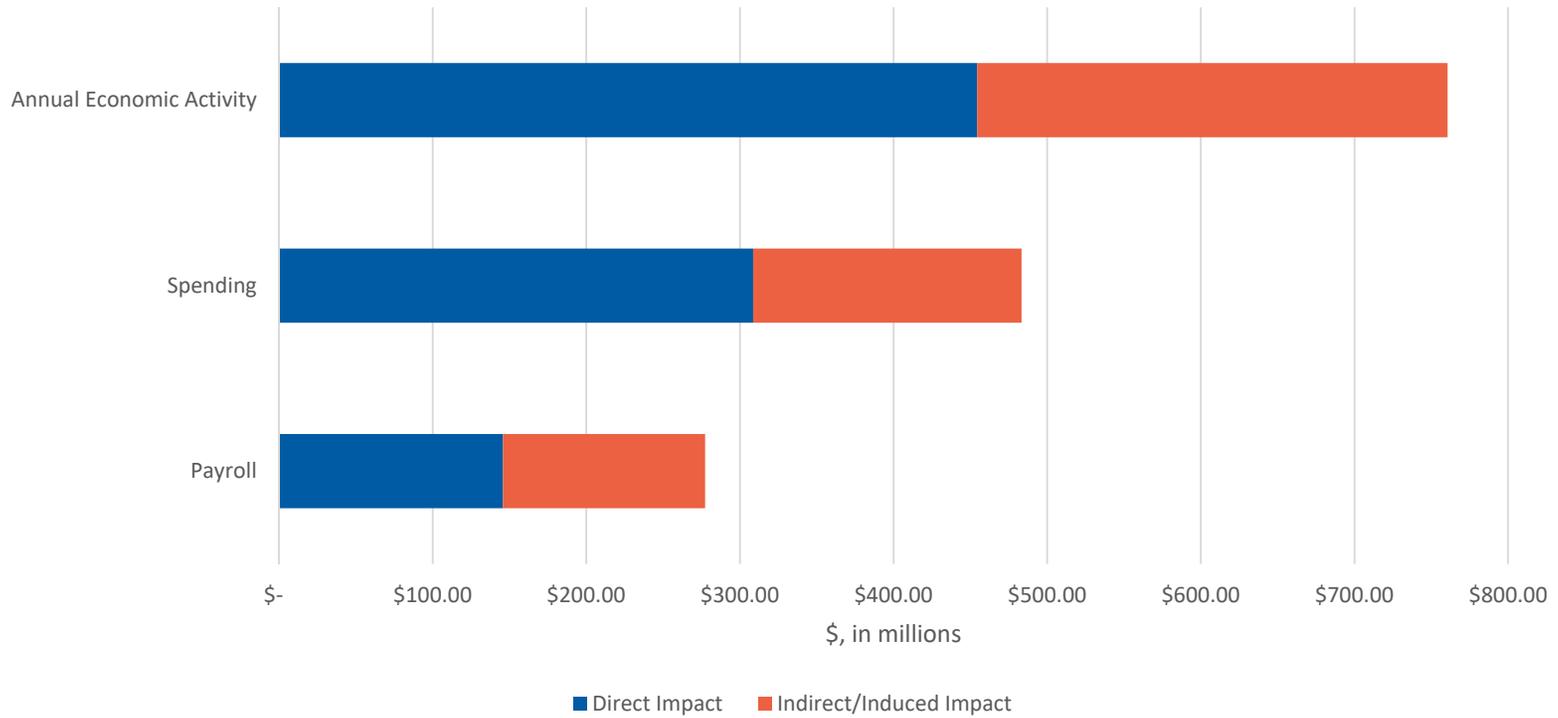
*MnDOT Office of Aeronautics 2019 Airport Economic Impact Study*

# Economic Impacts of DLH by Employer



MnDOT Office of Aeronautics 2019 Airport Economic Impact Study

# Total Economic Impact of DLH



*MnDOT Office of Aeronautics 2019 Airport Economic Impact Study*

# Infrastructure Investment



# Types of On-airport Development

# Example Development and Redevelopment Areas



# Aeronautical vs Non-Aeronautical

## Aeronautical

All activities that involve or are directly related to the operation of aircraft, including activities that make the operation of aircraft possible and safe. Examples:

- Air charter operations
- Scheduled air carrier services
- Pilot training
- Aircraft rental and sightseeing
- Aerial photography
- Aircraft sales and service
- Aircraft storage
- Sale of aviation petroleum products
- Repair and maintenance of aircraft
- Sale of aircraft parts
- Military flight operations

## Non-Aeronautical

Activity that is not required for the operation of an aircraft. Typically, an activity that doesn't need to be on an airport. Examples:

- Aviation-related users that do not need to be located on an airport. (example: airline reservation center)
- Gas station
- Manufacturing of parts
- Office park
- Mini storage
- Hotel

Note: The FAA must approve non-aeronautical activities before the use is allowed.



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# TAC Goals

# Goals

- Inform the Master Plan process and how the airport can support economic development
- Inform the ultimate airport land use
- Inform future DAA investments
- Understand the role DLH plays in the overall regional economy



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# Discussion

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# How does the existing air service benefit economic development?



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# What challenges does the existing air service present?

# What are the aeronautical economic development needs?



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What infrastructure and types of sites are needed for aeronautical site to be marketable attractive?



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Describe the marketable development sites and/or types of space that are most needed in the community?



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What complementary or supply chain businesses are needed near the airport?



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As the economy in the region changes, what can the airport do to support the region from an economic development standpoint?

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Example, as the medical industry grows, what is needed at DLH (facilities, services, etc.) to support that growth.



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# What are the barriers to economic development?



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What transportation challenges (all modes) exist related to economic development on the airport?



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What do you see the role of DLH being in growing the overall regional economy?



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What are you or your organization hoping to get out of the Master Plan process as it relates to economic development?



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# Questions

# Thank You!