

# Final Draft Airlake 2035 Long Term Comprehensive Plan Update

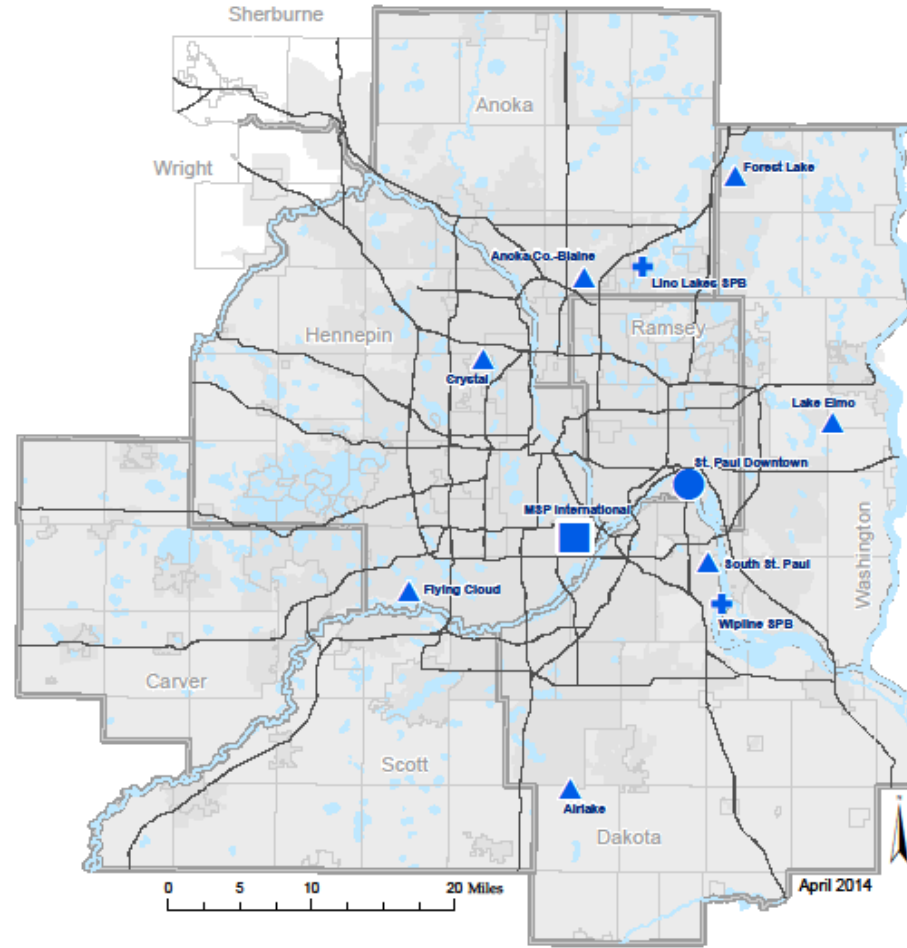
3/12/18

Presenting To Transportation Committee



## Regional Aviation System

- Major
- Intermediate
- ▲ Minor
- + Special Purpose



### Reference Items

- Principal Arterial Roads
- Lakes and Rivers
- City Boundary
- County Boundary
- 2040 Municipal Urban Service Area MPO Area

# MN Statutes

**MS 473.165 (1):** The Metropolitan Council shall review all long-term comprehensive plans of each independent commission, board, or agency prepared for its operation and development within the metropolitan area but only if such plan is determined by the council to have an areawide effect, a multicomunity effect, or to have a substantial effect on metropolitan development. Each plan shall be submitted to the council before any action is taken to place the plan or any part thereof, into effect.

**MS 473.611 (5):** Any long-term comprehensive plans adopted by the commission for the betterment and enlargement of existing airports, for the acquisition and construction of new airports, and for the categories of use of airports owned or controlled by the commission shall be consistent with the development guide of the Metropolitan Council.

# LTCP'S (LONG-TERM COMPREHENSIVE PLANS)

- **An LTCP Is:**

- required under the aviation planning process.
- a 20-Year planning document.
- periodically updated as scheduled in the TPP.
- used to identify needed projects, define operational parameters, and assess environmental and financial requirements.
- consistent with the Thrive MSP 2040
- a basic input to update of the aviation system plan and used in local plan reviews.



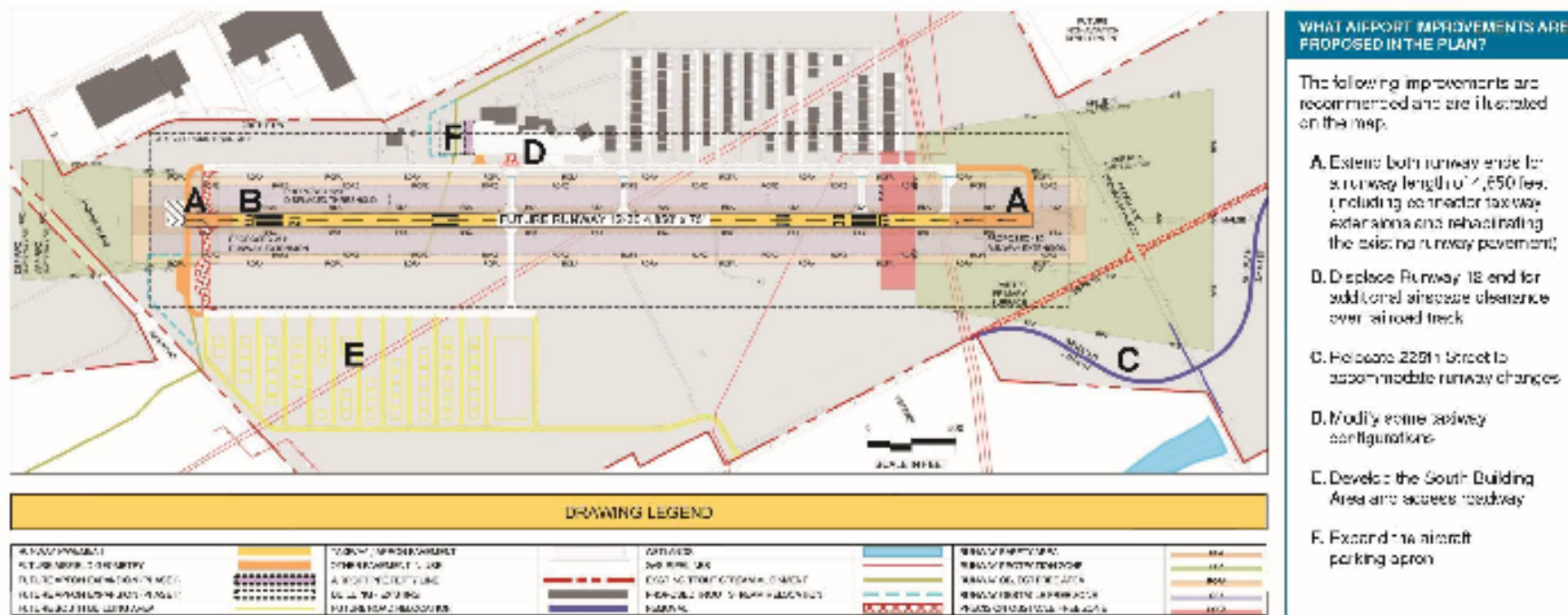
# BASED AIRCRAFT/OPERATIONS

So. St. Paul	218	51,000
Crystal Airport	219	40,000
Lake Elmo Airport	203	26,000
<b>Airlake Airport</b>	<b>137</b>	<b>37,000</b>
Anoka-Blaine Airport	433	90,000



# PREFERRED ALTERNATIVE

Figure 5-8: 2035 Preferred Development Alternative



# FINDINGS/NEXT STEPS

- Thrive MSP 2040 –
  - Policy Direction is to create consistent, compatible, and coordinated local comp plans
  - Prosperity Outcome - Advancing this outcome is to plan, invest in infrastructure and amenities, and quality of life for economic competitiveness.



# FINDINGS/NEXT STEPS

- Transportation Policy Plan
  - Airlake Airport is classified as a Minor Airport in the Regional Aviation System, and will continue in it's current role.
  - The plan recognizes a potential opportunity to provide sanitary sewer/waters services to the tenants on the airport.
  - The Council will need to determine if the LTCP is in conformance with the aviation system and is consistent with council policies.

# Airlake Airport

## 2035 Long-Term Comprehensive Plan (LTCP)



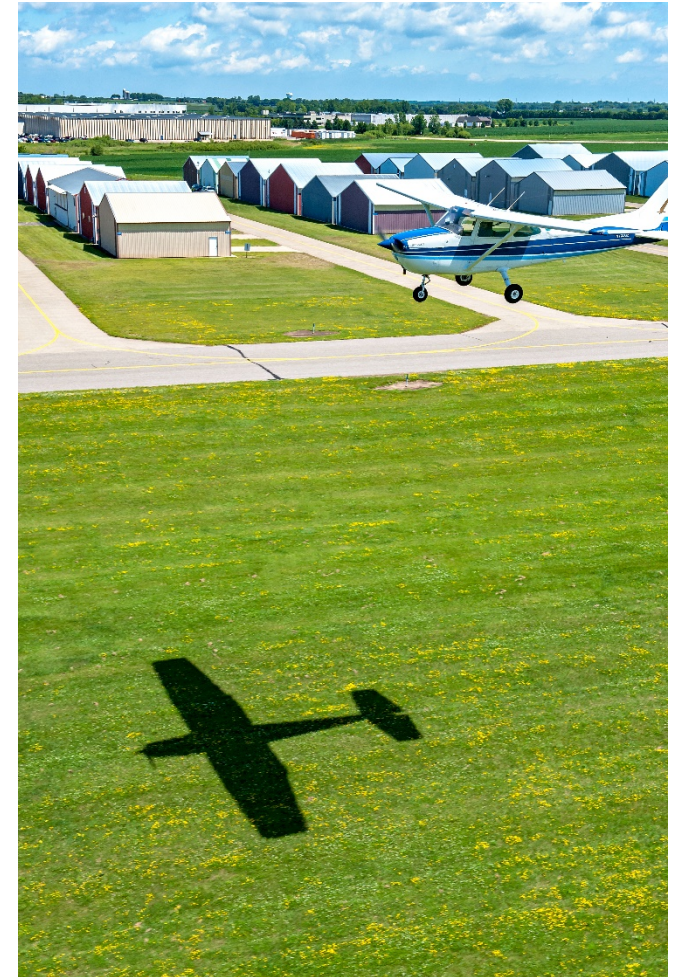
12 March 2018 – Transportation Committee – Metropolitan Council  
Overview of LTCP Process and Findings





# Briefing Agenda

- Overview of Airport Role and Plan Objectives
- Overview of Final Preferred Alternative
- Stakeholder Outreach Summary
- Next Steps



## **Airlake Airport 2035 LTCP Purpose:**

- Update view of future facility needs
- Serve as the “road map” to guide our development strategy for Airlake Airport
- Shape the 7-Year Capital Improvement Program (CIP)



# Airlake Airport Role & Plan Objectives

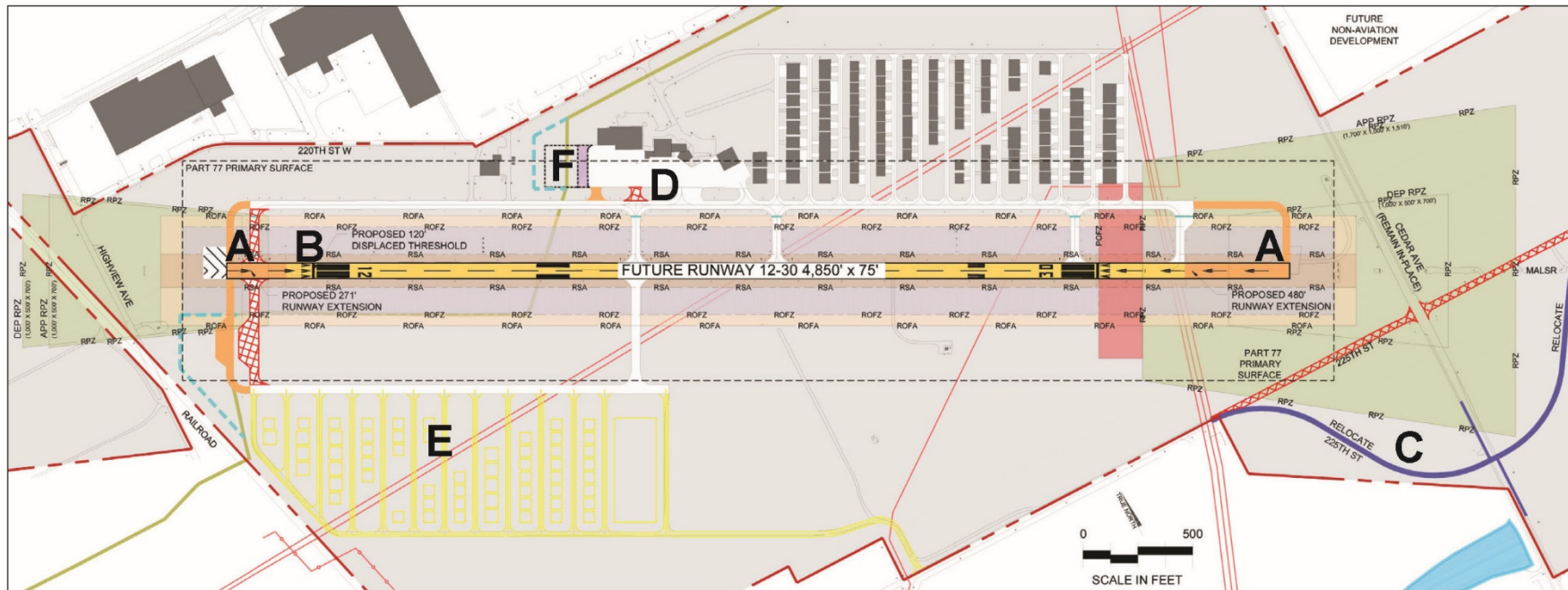


- Primary Role of Airlake Airport
  - Integral part of the regional Reliever Airport system
  - Accommodates Personal, Recreational, and Business Aviation users
  - Design Aircraft is and will continue to be small/mid-size business aircraft
  - Role not expected to change
- Key Planning Objectives for LTCP
  - Better accommodate business aircraft needs by maximizing the airfield's operational capabilities and property footprint
  - Maintain or improve upon existing Runway Protection Zone (RPZ) land use compatibility
  - Mitigate existing issues with airspace penetrations
  - Update the taxiway layout to reflect current industry best practices, thus enhancing airfield safety





# Airlake LTCP Runway 12-30 Extension Concept



## WHAT AIRPORT IMPROVEMENTS ARE PROPOSED IN THE PLAN?

The following improvements are recommended and are illustrated on the map.

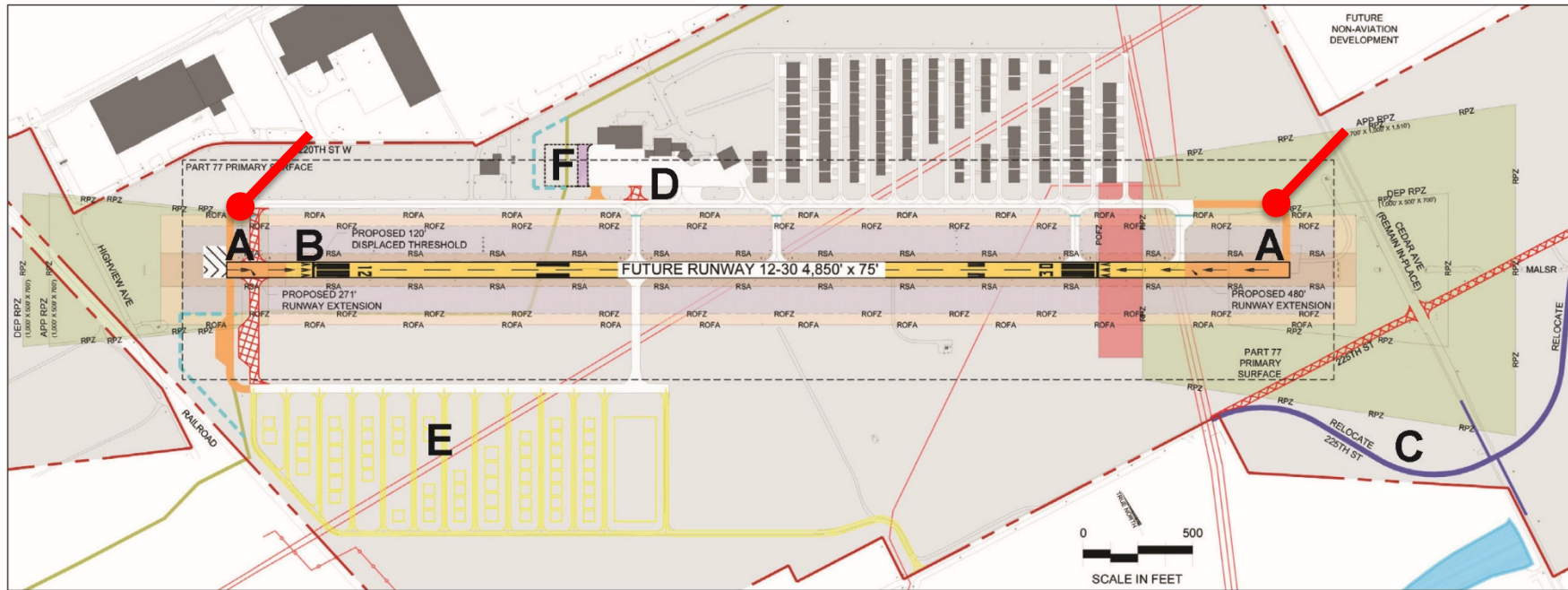
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- B.** Displace Runway 12 end for additional airspace clearance over railroad track
- C.** Relocate 225th Street to accommodate runway changes
- D.** Modify some taxiway configurations
- E.** Develop the South Building Area and access roadway
- F.** Expand the aircraft parking apron

### DRAWING LEGEND

RUNWAY PAVEMENT	TAXIWAY / APRON PAVEMENT	WETLANDS	RUNWAY SAFETY AREA	RSA
FUTURE AIRFIELD GEOMETRY	OTHER PAVEMENT IN USE	GAS PIPELINES	RUNWAY PROTECTION ZONE	RPZ
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FUTURE SOUTH BUILDING AREA	FUTURE ROAD RELOCATION	REMOVAL	PRECISION OBSTACLE FREE ZONE	POFZ



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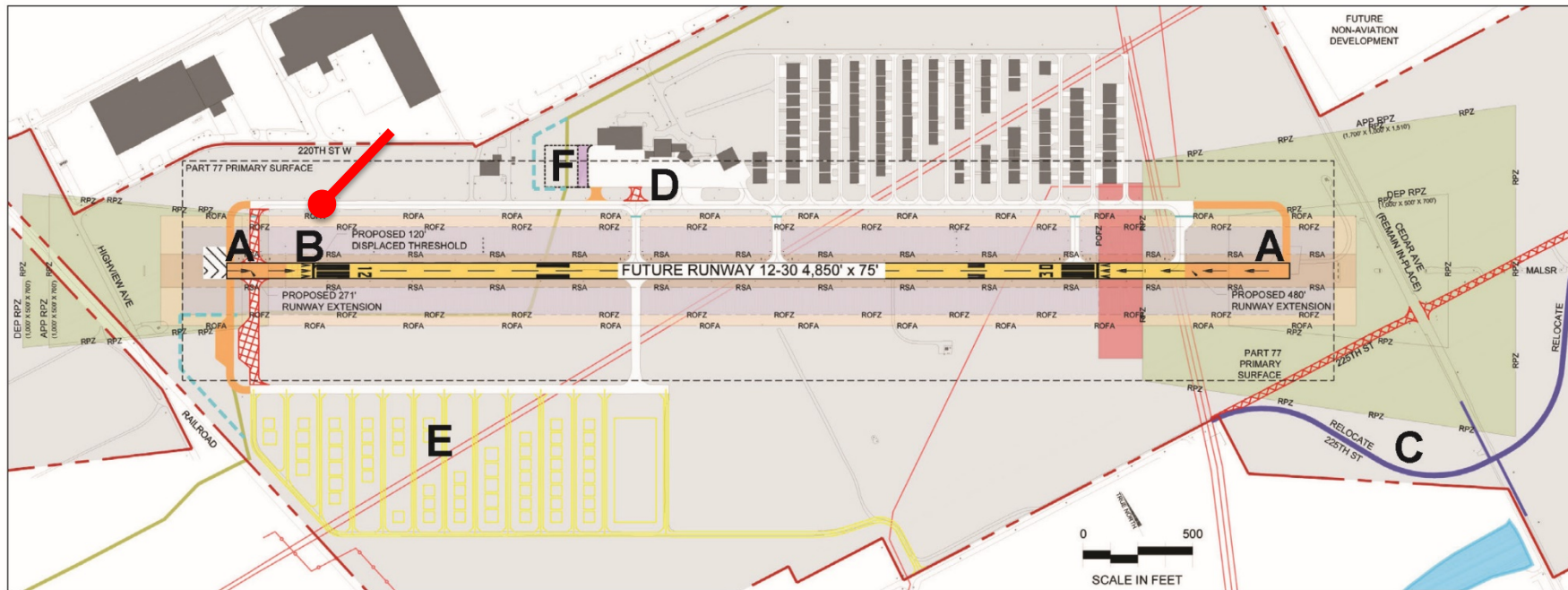
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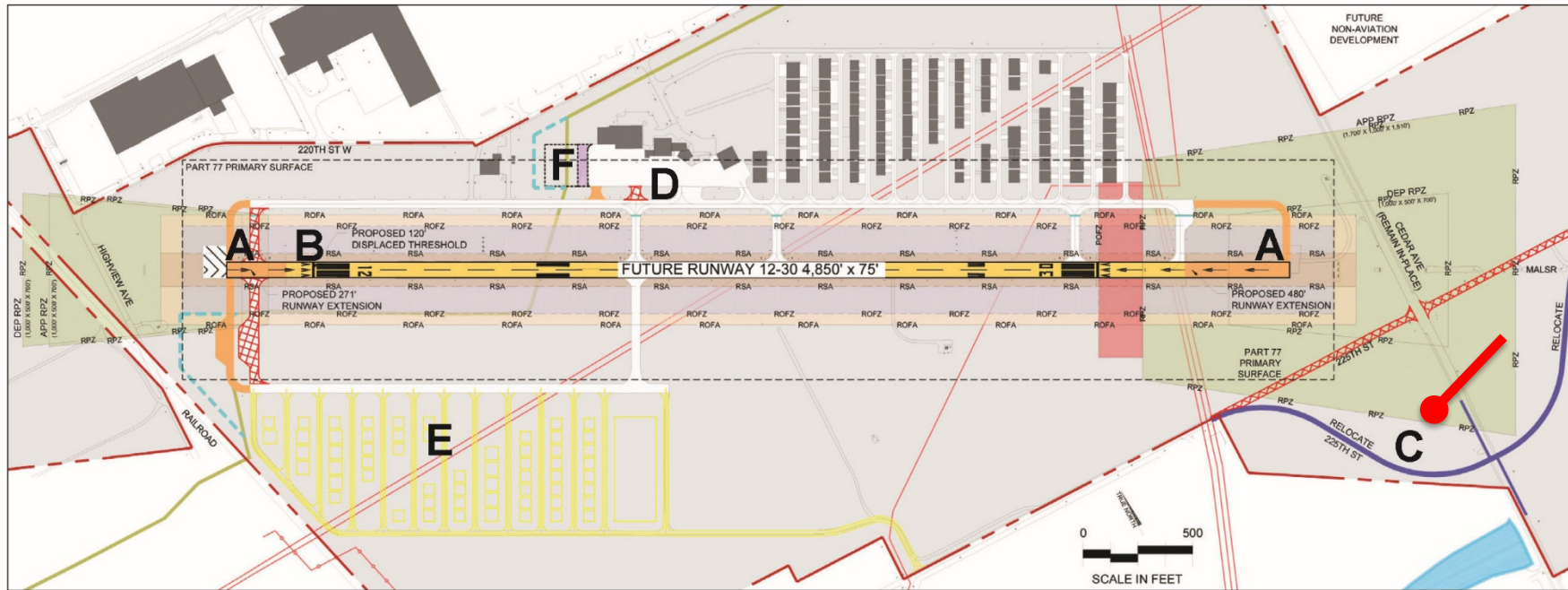
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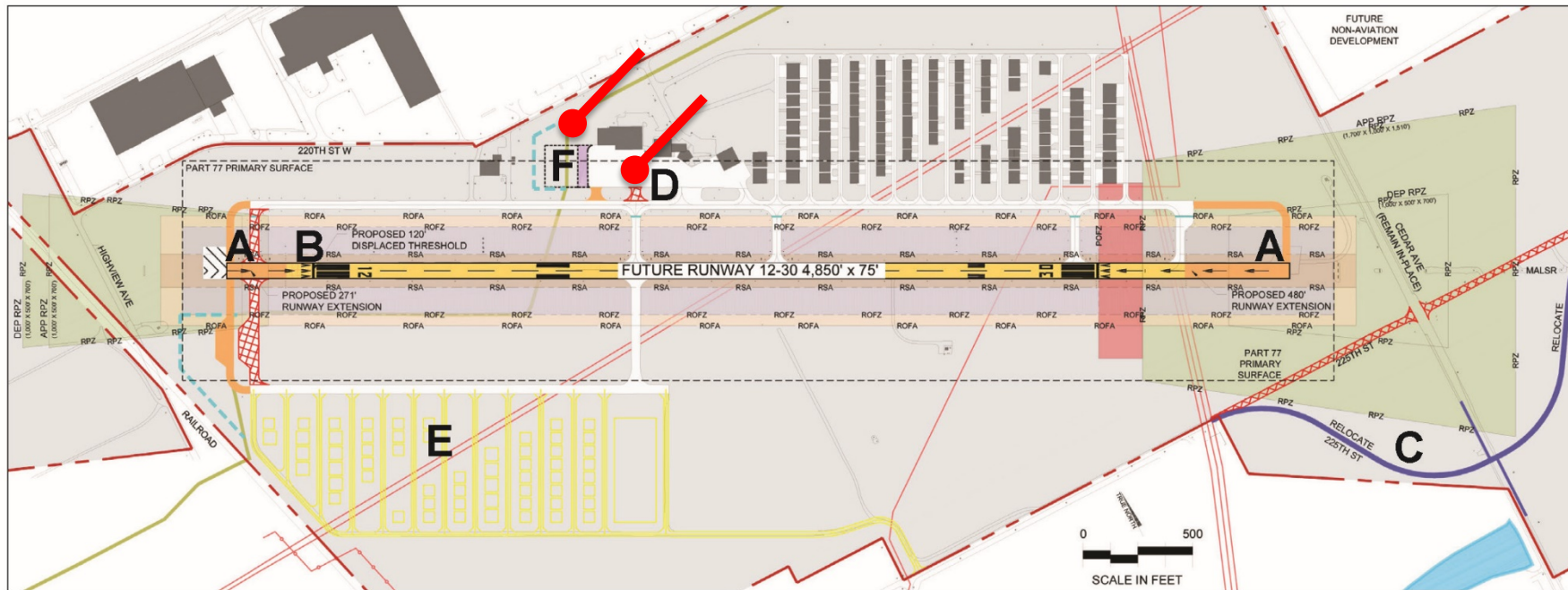
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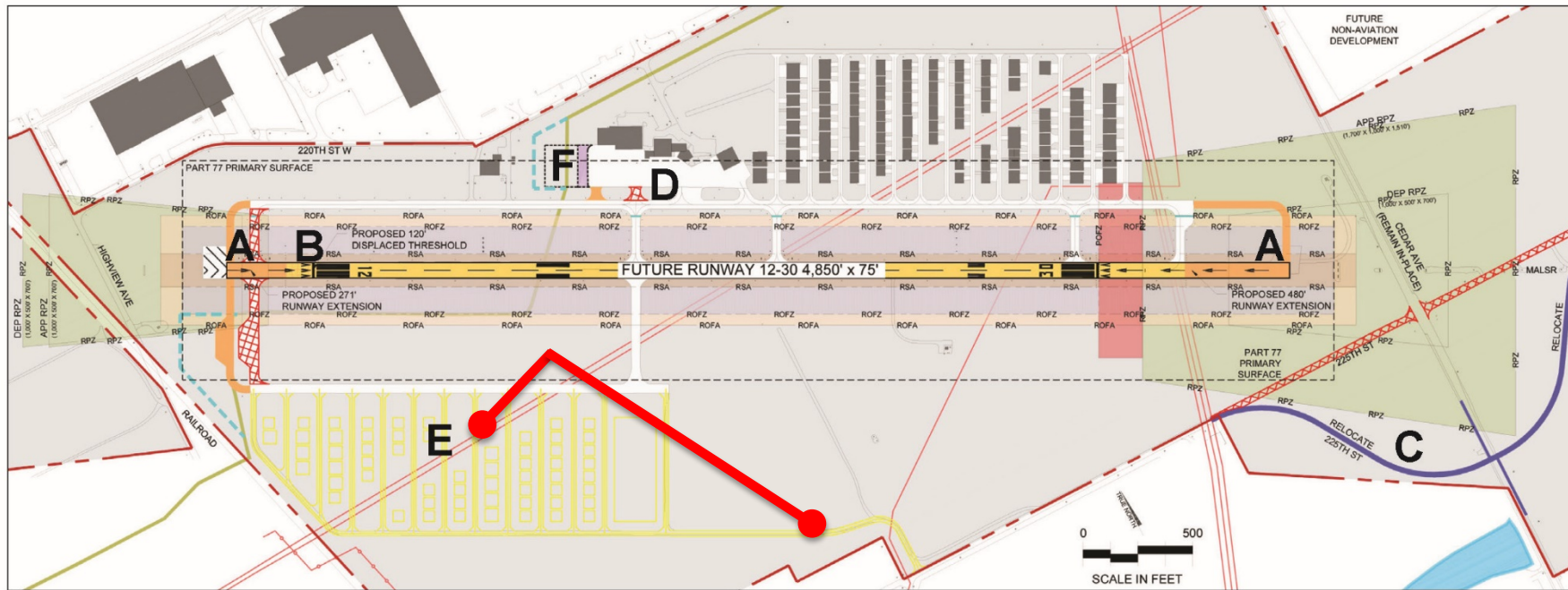
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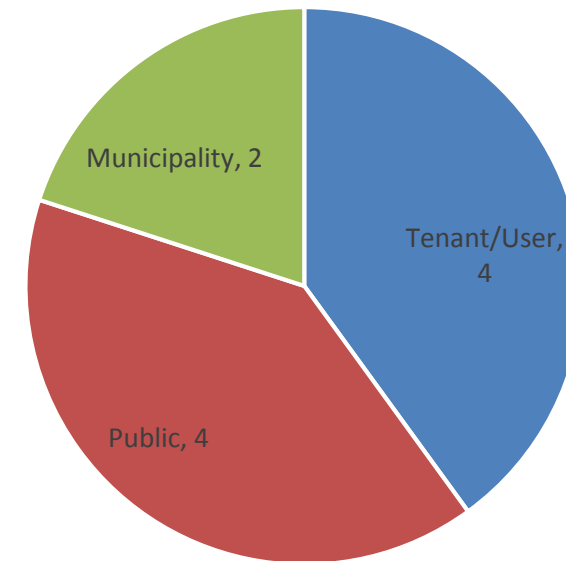
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# Summary of Public Comments Received

LTCP Public Comments Received (10 Total)

- 10 total comments
  - 4 from Tenants/Users
  - 4 from citizens/public
  - 2 from a municipal representatives



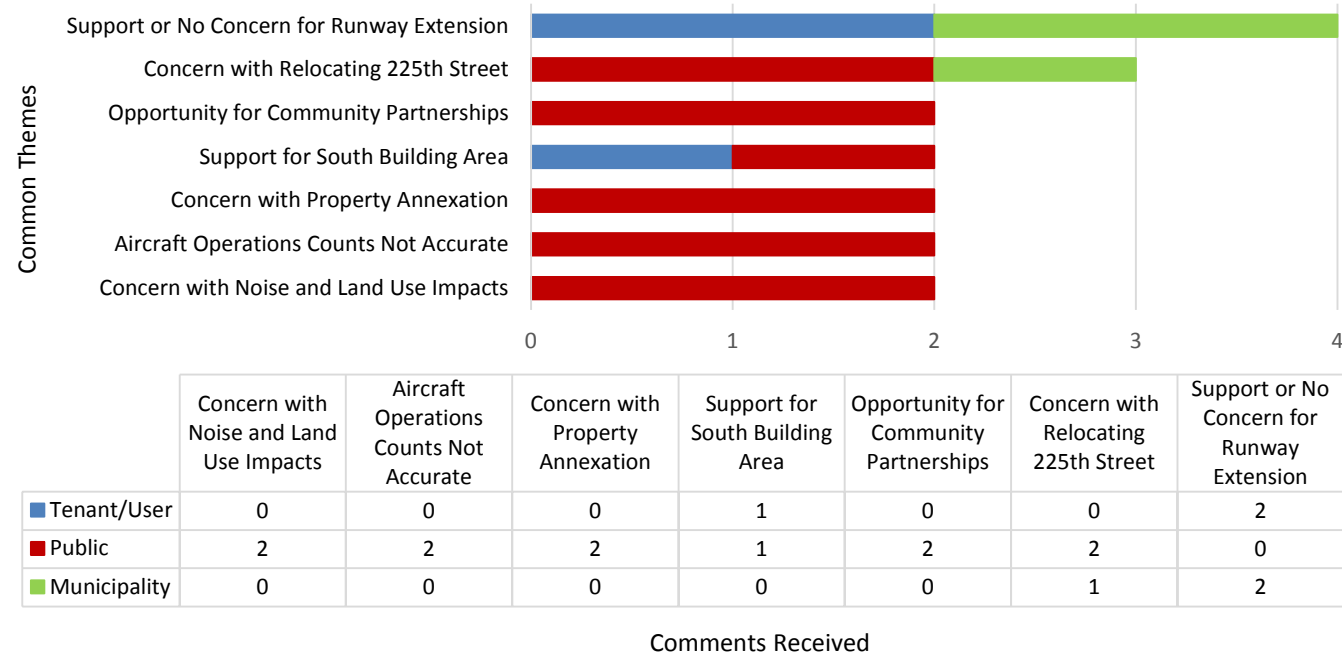
■ Tenant/User ■ Public ■ Municipality



# Summary of Public Comments Received

- Common Themes
  - Support (or no concern) for runway extension
  - Support for South Hangar Area
  - Opportunity for Community Partnerships
  - Concern with relocating 225th Street
  - Concern with property annexation
  - Concern with noise and land use impacts
  - Aircraft operations counts not accurate

Common Themes Based on Comments Received



	Concern with Noise and Land Use Impacts	Aircraft Operations Counts Not Accurate	Concern with Property Annexation	Support for South Building Area	Opportunity for Community Partnerships	Concern with Relocating 225th Street	Support or No Concern for Runway Extension
Tenant/User	0	0	0	1	0	0	2
Public	2	2	2	1	2	2	0
Municipality	0	0	0	0	0	1	2





# Stakeholder & Public Engagement

Audience	Materials Covered	Date	Location
FAA, MnDOT, Met Council	LTCP Review of Runway Alternatives	4/13/2016	FAA
Tenants/Users, Agencies	Proposed Airfield Configuration Operational Assessment (full day facilitated panel)	9/8/2016	Airport
Civil Air Patrol	LTCP Process, Review of Alternatives, Preliminary Findings	10/11/2016	Airport
MAC Reliever Advisory Council	LTCP Update Briefing	3/14/2017	MAC
Pilot Group/Tenant Meeting	LTCP Process, Review of Alternatives, Preliminary Findings	3/23/2017	Airport
Municipal Planners (City, County, Township)	LTCP Process, Review of Alternatives, Preliminary Findings	3/27/2017	Lakeville City Hall
MAC PD&E Committee	LTCP Process, Review of Alternatives, Preliminary Findings	5/1/2017	MAC
Water Quality Agency Briefing	LTCP Overview and Water Resource Protections/Buffers	6/19/2017	Airport
Public	LTCP Public Informational Meeting	8/9/2017	Lakeville City Hall
Public	LTCP Public Informational Meeting	8/10/2017	Eureka Township Hall
Lakeville City Council	LTCP Overview	9/25/2017	Lakeville City Hall
MAC PD&E Committee	LTCP Summary and Recommendation	10/2/2017	MAC

- Stakeholder & Public Outreach Program
  - Pre-publication stakeholder engagement
  - Formal public comment period
    - 2 public meetings (~60 attendees)
    - 10 total comments
  - 12 total outreach/informational meetings



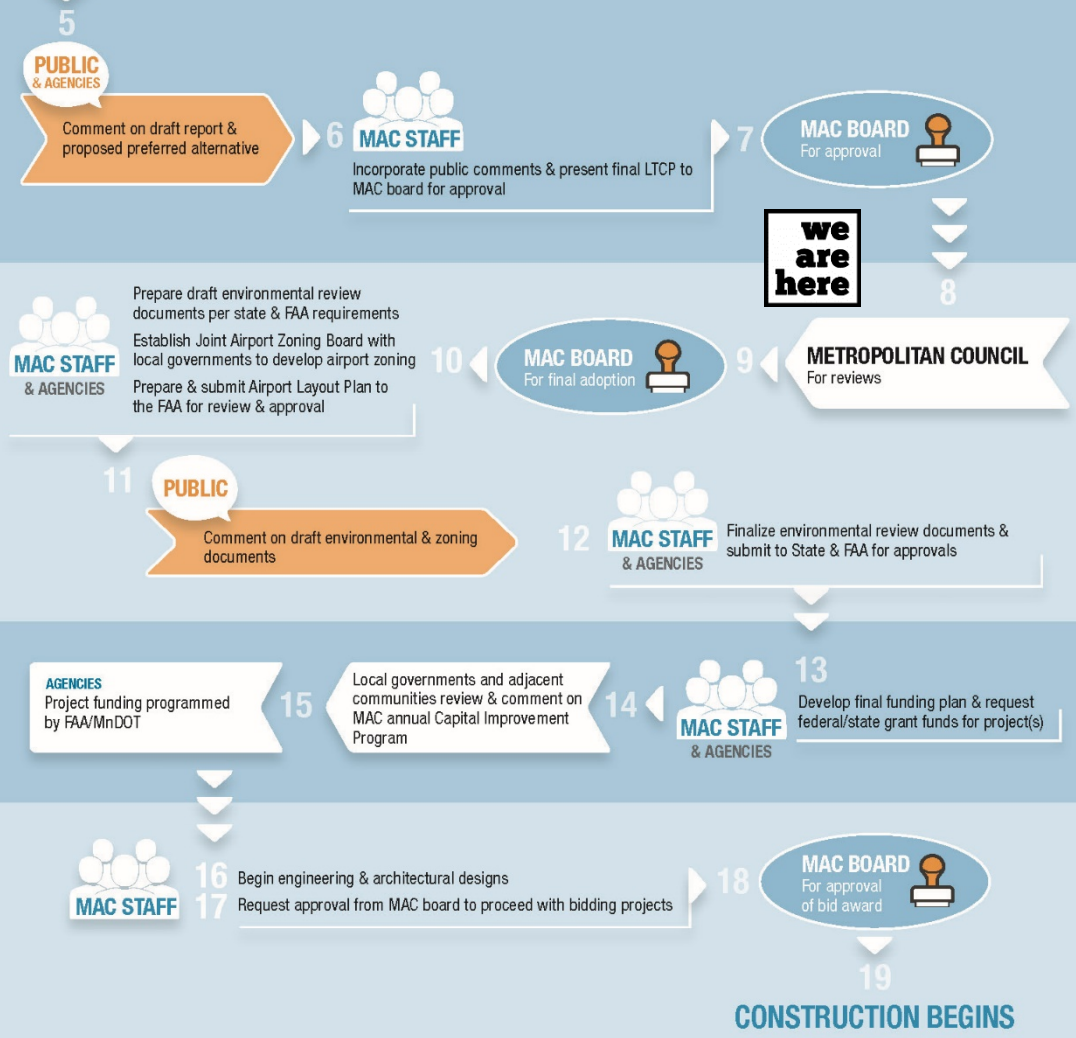


# AIRLAKE AIRPORT

## PLANNING AND DEVELOPMENT PROCESS

# STEP-BY-STEP

- 1 Research & study development alternatives
- 2 Engage MAC board, city staff & other key stakeholders
- 3 Draft report with alternatives including a proposed alternative
- 4 Request formal MAC board approval to publish draft report for public comment



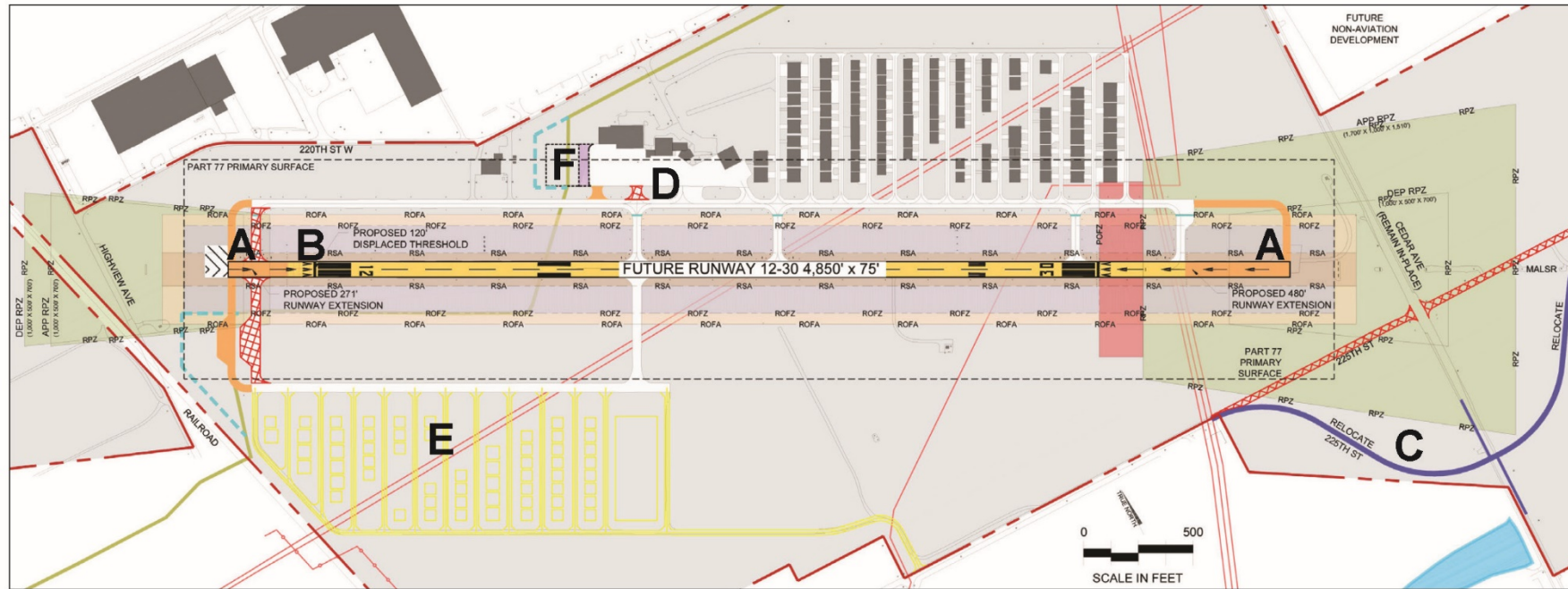
## Next Steps

- Metropolitan Council Formal Review\*
- MAC Board Final Adoption of LTCP\*
- Environmental Review\*
- Airport Layout Plan (ALP)
  - Reviewed/Approved by FAA
- Joint Airport Zoning Board\*
- Grant Programming/Funding
- Project Engineering/Design
- MAC Board approval of Bid Awards\*

\* Denotes processes that provide additional opportunities for public input



# Questions & Dialogue



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