



MSP 2040 Long Term Comprehensive Plan

Transportation Committee



March 2024

metro council.org

Metropolitan Council's Role in Aviation



Minnesota Statute 473.165 & 473.611

- Aviation is not a federally mandated MPO planning topic; state statute tasks the Council to plan for the regional aviation system.
- State statute requires regional airports to produce and update Long Term Comprehensive Plans
 - Met Council must review and determine if airport comprehensive plans conform to regional systems and are consistent with regional policy

Long Term Comprehensive Plans

- 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.
- A basic input to update the aviation system plan and used in local plan reviews.

MSP 2040 Long Term Comprehensive Plan (LTCP)



MSP Existing Conditions

- Classification: Large Hub Airport
- Airport Role: Primary commercial service
- Annual Operations (baseline and pandemic):
 - 2018: 407,000
 - 2020: 246,000
- MSP is one of the largest concentrations of employment in the state (20,000 workers on site during any single day)

Plan Objectives

- *Plan for future facilities that will meet forecast Planning Activity Levels (PALs) in a manner that maintains and enhances customer service, while facilitating a seamless experience for users.*
- *Produce a development plan that positions the MAC to meet future demand levels, enhances financial strength, leverages environmental stewardship, and infuses sustainable thinking.*
- *Conduct the planning process in a way that includes meaningful stakeholder engagement.*

MSP 2040 LTCP Activity Forecasts

Forecasts

- Activity forecasts major component of long-term comprehensive plans – dictate future facility needs
- Covid-19 was a major disruptor of airports in 2020 – effects still lingering
- Revised forecasts (2040 numbers unchanged from original forecasts)
 - 28.1 million enplanements by 2040 (19.8 million in 2019)
 - 401,000 tons of cargo by 2040 (252,100 in 2019)
 - 510,000 aircraft operations by 2040 (411,000 in 2019 – 543,000 in 2005 peak)

Exhibit 2-36: Comparison of Original and Updated Forecasts (Enplaned Passengers)

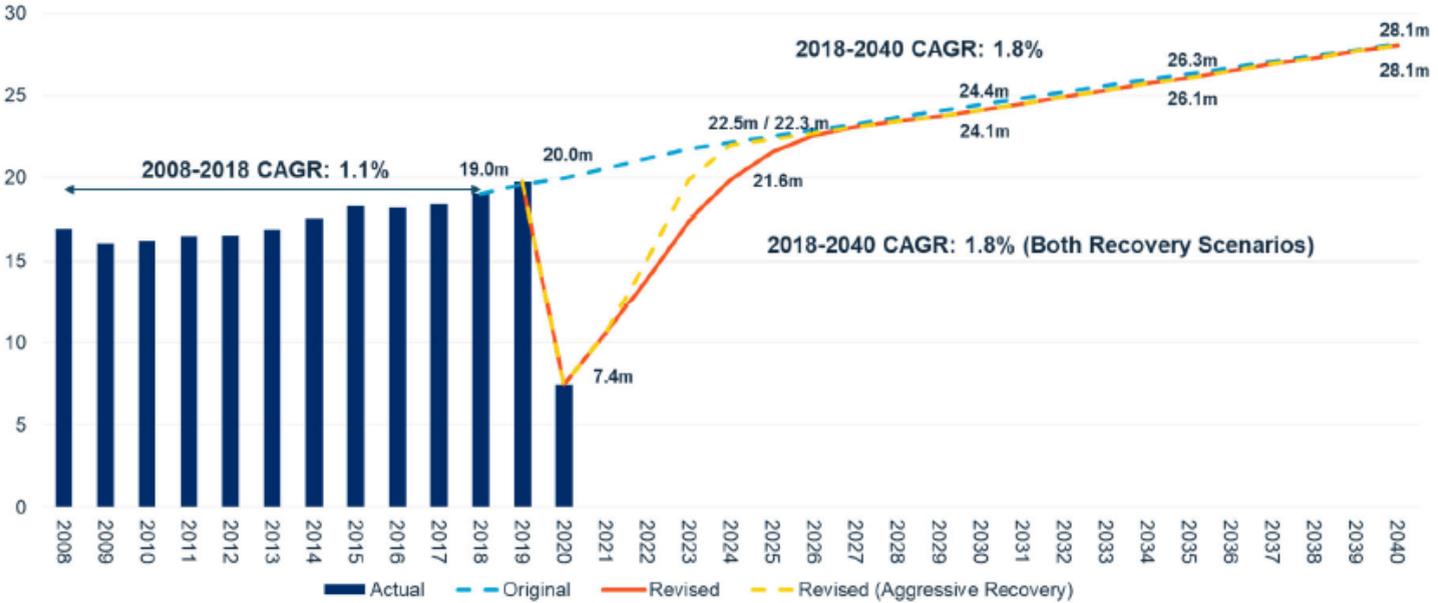
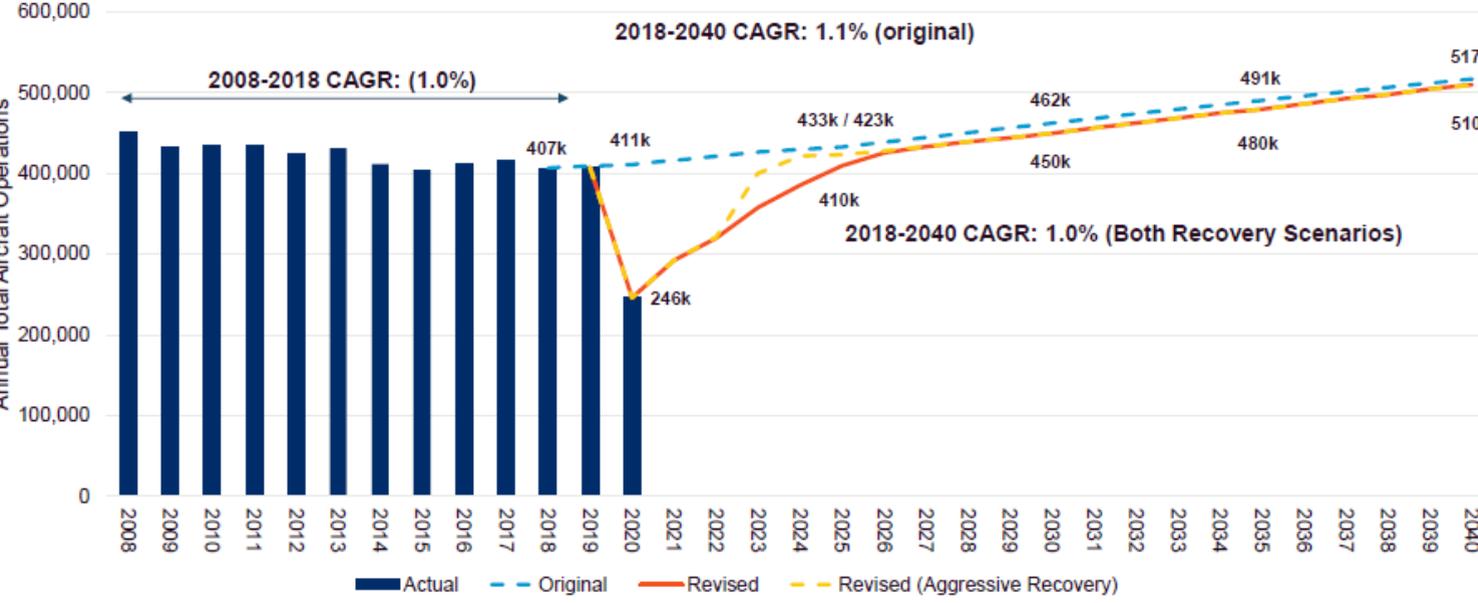
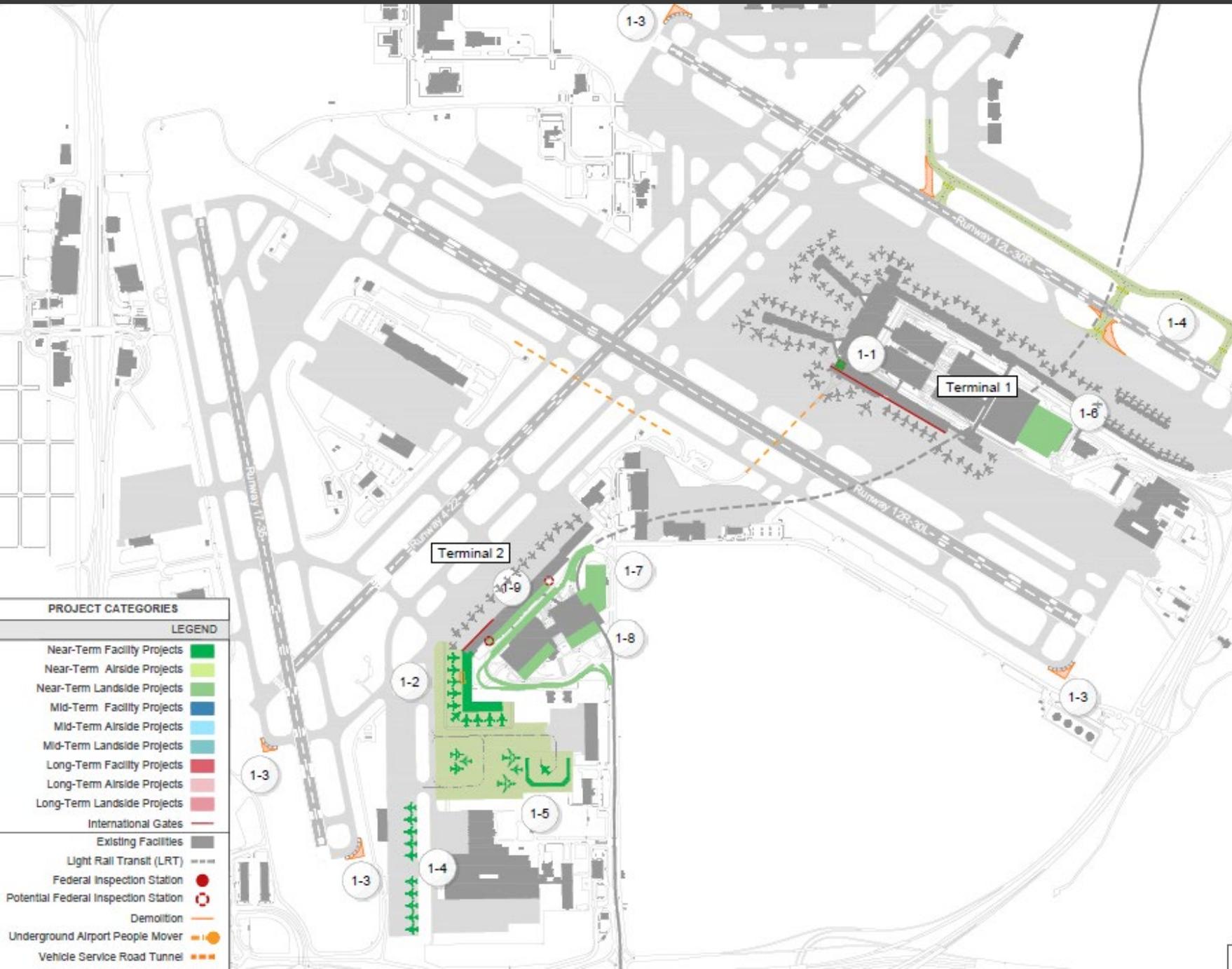


Exhibit 2-39: Comparison of Original and Updated Total Aircraft Operations Forecasts



Preferred Alternative, Near-Term Projects



Planned Facilities

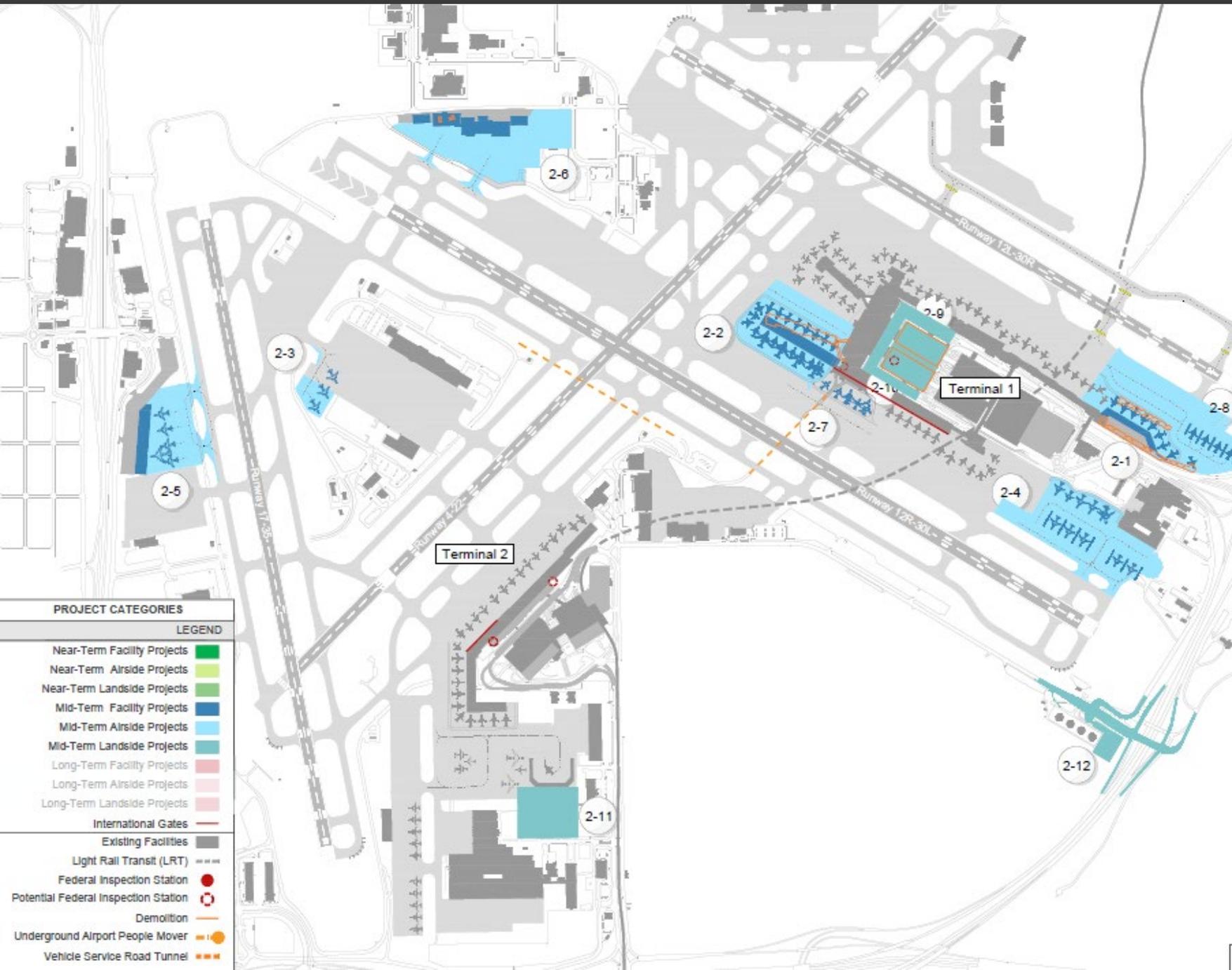
To accommodate forecast growth, plan outlines facility needs through 2040

- Split between landside (terminals & support facilities) & airside (airfield & support facilities)

Major projects (with potential regional considerations)

- Near-term (1-5 years):
 - Terminal 2 expansion (11 gates) and curb front improvements (1-2 & 1-9)
 - US Postal Service redevelopment (1-6) – increase in parking capacity at T1 (~3,200 spaces)
 - Orange Ramp expansion (1-7 & 1-8) – impacts/benefits for T2 LRT station + ~2,900 additional parking spaces

Preferred Alternative, Mid-Term Projects

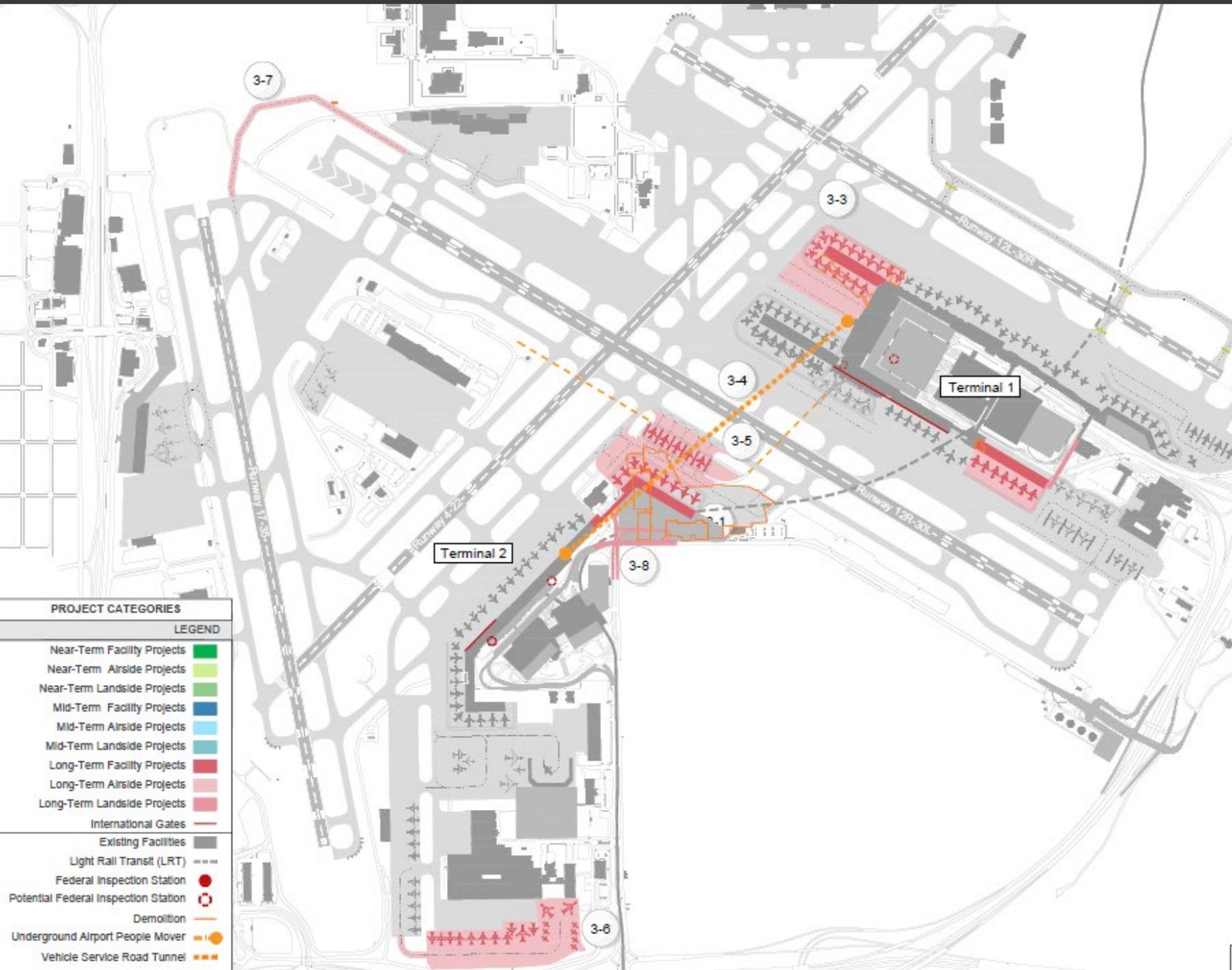


Planned Facilities

Major projects (with potential regional considerations)

- Mid-term (6-10 years):
 - Cargo expansion (2-5) – 100,000+ sq ft new cargo facility with access from Longfellow/TH 77
 - TH 5/Post Rd interchange (2-12) – reconstruction/improvement of existing interchange, realignment of access roads
 - FBO move (2-6) – fixed based operator facility move to north, new access off of 28th Ave/TH 62 interchange

Preferred Alternative, Long-Term Projects

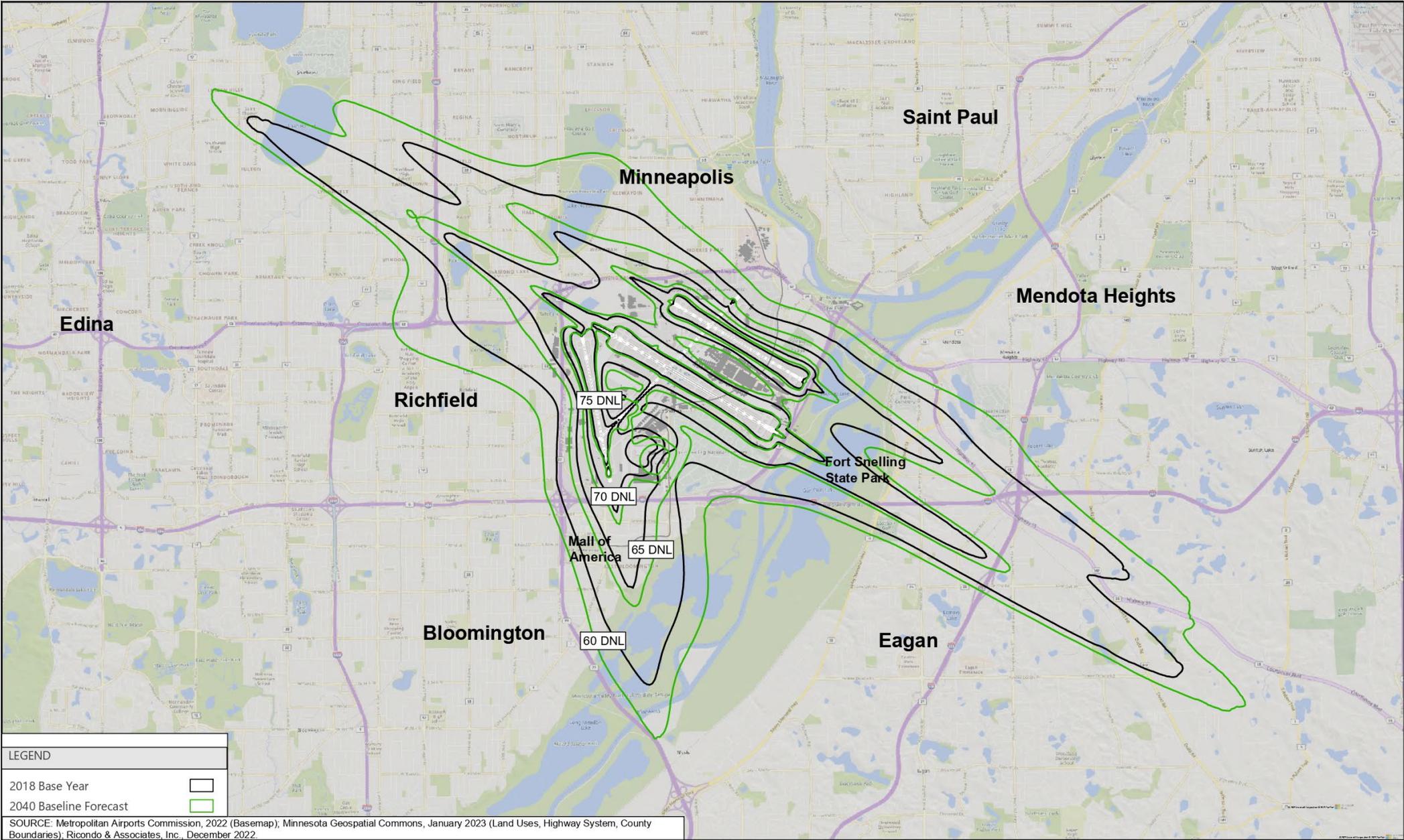


Planned Facilities

Major projects (with potential regional considerations)

- Long-term (10+ years):
 - Full build T2 expansion (3-5) – 9 additional gates to fill out T2 (total 35, existing 16)
 - 34th Ave/70th St reconstruction (3-8) – reconstructing intersection to improve capacity/operations for vehicles entering Terminal 2
 - Airside terminal connection (3-4) – terminal connection behind security.

Noise Impacts: 2018 to 2040 Contour Comparison



LEGEND

2018 Base Year

2040 Baseline Forecast

SOURCE: Metropolitan Airports Commission, 2022 (Basemap); Minnesota Geospatial Commons, January 2023 (Land Uses, Highway System, County Boundaries); Ricondo & Associates, Inc., December 2022.

Environmental Considerations



Environmental Impacts

- Environmental impacts covered but not studied in-depth. Future impacts to be assessed in upcoming environmental review (EA/EAW) for the preferred alternative.

Sustainability

- MAC sustainability targets for MSP facilities.
 - Reduce GHG emissions 80% by 2030.
 - Reduce water usage per passenger 15% by 2030.
 - Divert 75% of solid waste away from landfills.
- Delta has set sustainability targets which will impact MSP
 - Delta and Greater MSP have established MSP as a sustainable aviation fuel hub. Sustainable fuel can reduce carbon emissions by up to 85%.
 - 35% of all aviation fuel by 2035 (higher at MSP hub)
 - Ground service vehicle electrification.
 - 50% EV by 2025

Engagement Summary



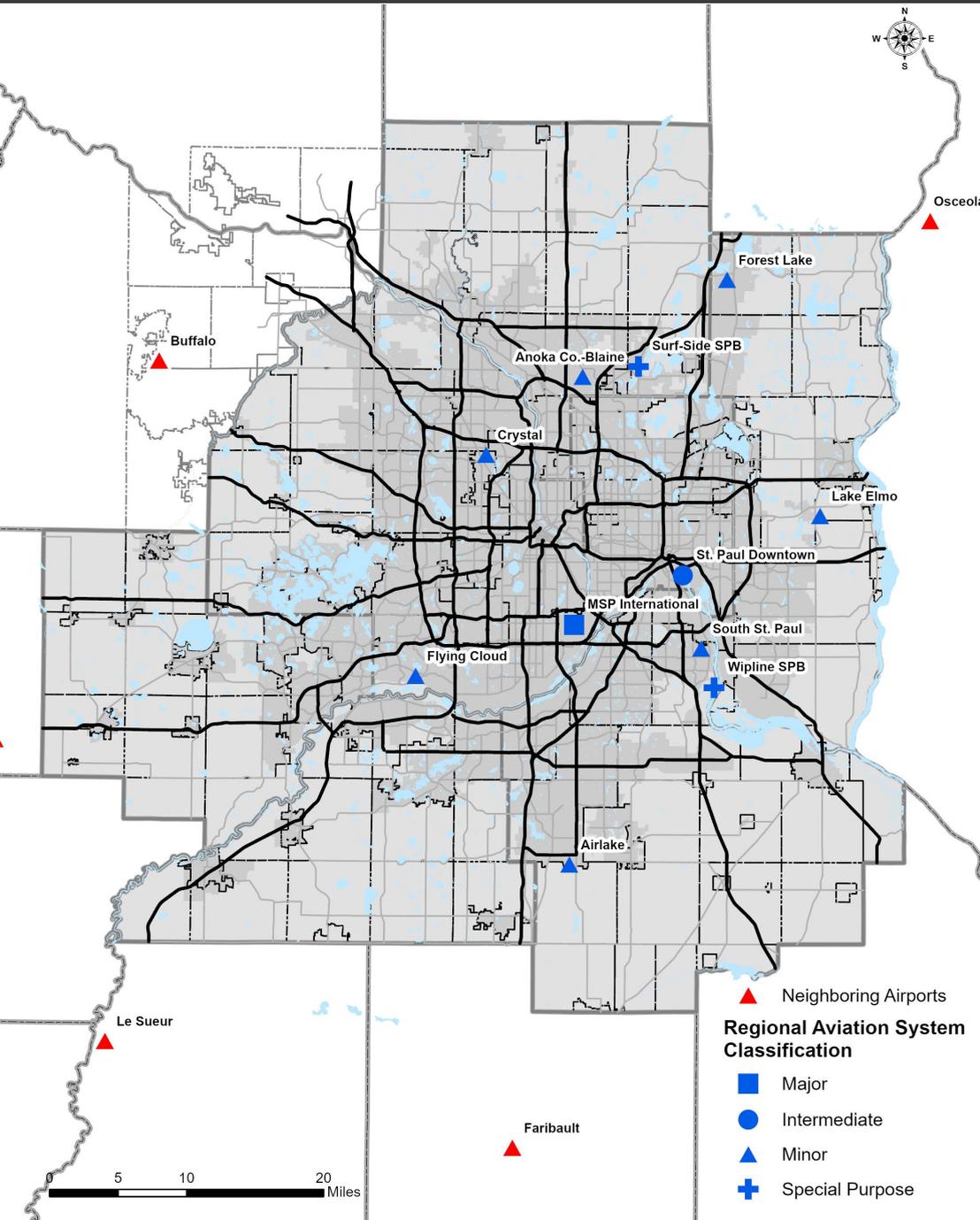
27 total public meetings held to date

- Engagement meetings held from early 2019 to late 2023 – paused due to COVID from early 2020 to late 2021
- Noise Oversight Committee: 6 meetings
- Planning, Development & Environment Committee: 4 meetings
- Stakeholder Advisory Panel: 6 meetings
- Experience MSP Public Events: 4 meetings
- City of Minneapolis: 3 meetings
- Met Council: 3 meetings (prior to consistency review)
- 60-day Public Comment period: June 21st – August 21st, 2023
 - 139 total comments received

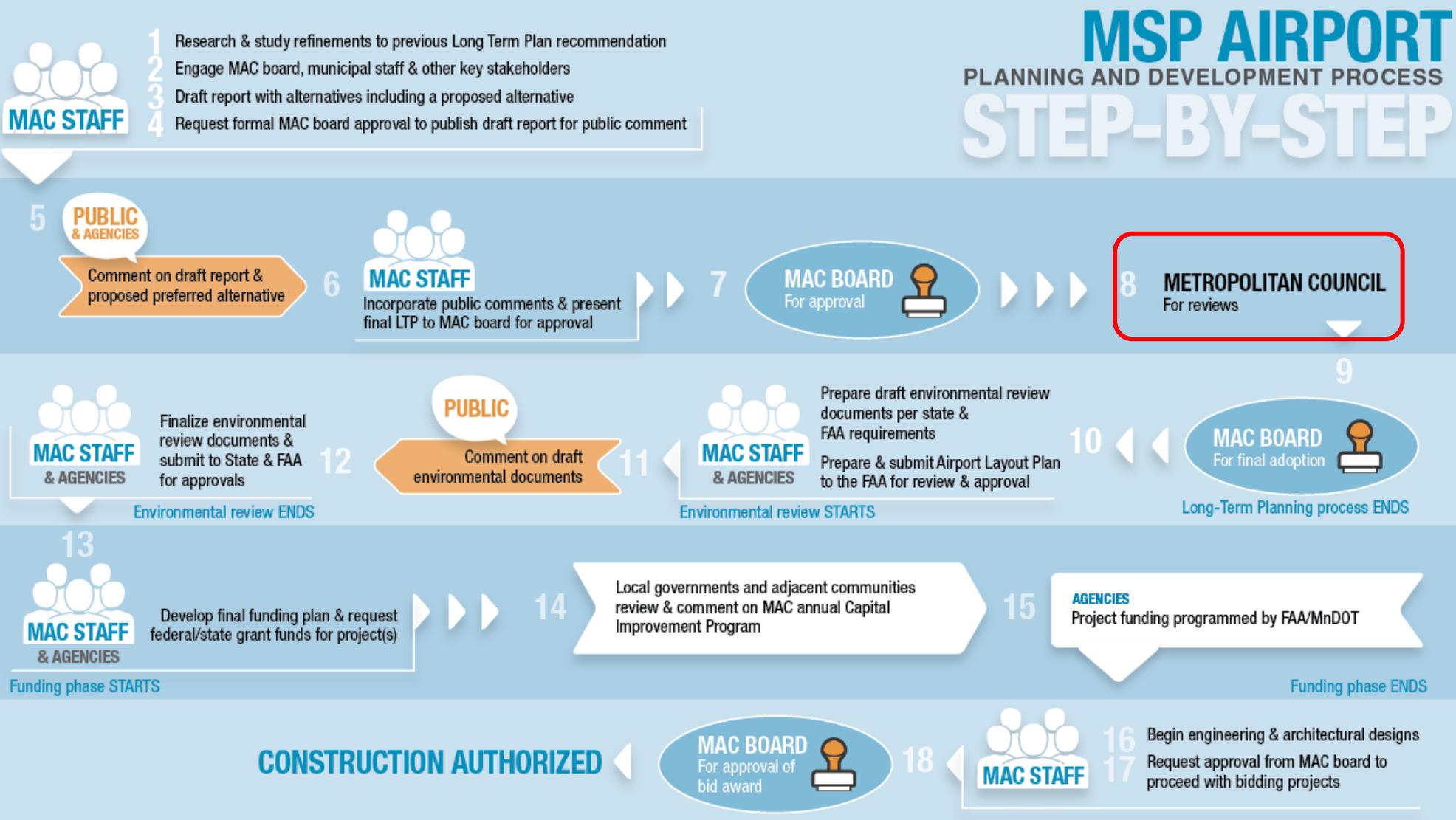
Regional Policy Considerations

Relationship to Regional Policy

- LTCP's are used as a basic input to the Council plans and policies
- Relationship to 2040 TPP
 - MSP is classified as a Major Airport in the system – no change
 - No significant airside improvements and strategic landside improvements and capacity enhancements
 - The Plan addresses required elements from Appendix K
- Relationship to Regional Development Guide (Thrive MSP 2040)
 - Policy direction is to create consistent, compatible, and coordinated local comp plans
 - Prosperity Outcome - Advancing outcome is to plan and invest in infrastructure, amenities and quality of life for regional economic competitiveness.



MSP 2040 LTCP: Looking Forward



Next Steps

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

*Denotes processes that will provide additional opportunities for input

Requested Action

For the Metropolitan Council to find that the final Draft MSP International Airport 2040 LTCP has a multi-city impact as well as conforms to the Council systems and is consistent with Council policies



Thank you

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