



## Master Plan Update FAQs

### What is an Airport Master Plan?

An Airport Master Plan is a study that follows a regimented process defined by the Federal Aviation Administration (FAA). The purpose of the study is to identify the short-, mid-, and long-term needs of the airport, tenants, users, and public. The data collected is then used to create an airport development plan to accommodate anticipated growth over a 20-year planning horizon.

Planning takes place at the national, state, regional, and local level. The plan is formulated based on overall transportation demand and is coordinated with other transportation planning and comprehensive land use planning initiatives.

The Master Plan deliverables are two distinct documents; the Airport Layout Plan (ALP) and the technical report. The ALP presents the concepts of development graphically in a series of drawings while the technical report speaks to the data and logic upon which the concepts are based. The ALP is reviewed and approved by the FAA.

### Why is the Capital Region Airport Authority (CRAA) doing a Master Plan update?

The previous Capital Region International Airport (LAN) Airport Master Plan was completed in 2006. Since then, the CRAA and the aviation industry have experienced significant changes in the type of aircraft operating (aircraft fleet mix), volume of passenger activity, and FAA design standard requirements at the airport. LAN has experienced transformations in air carrier service, cargo operations, and the business aviation sectors. To accommodate and prepare for future conditions impacting facilities that support all these operations, the CRAA is seeking guidance and a plan to meet the needs of all airport stakeholders including the surrounding community it serves.

### Who is carrying out the Master Plan study?

The CRAA has awarded a contract to RS&H to develop a new Master Plan for LAN. RS&H was selected from a national competitive bidding process to complete this study. RS&H, and sub-consultants thereof, will work closely with the CRAA to prepare CRAA's next airport master plan.

Additional sub-consultant team members include:

- Woolpert
- OHM
- McGuinness Unlimited (DBE)
- Strategy 5

### **Who is funding the LAN Master Plan Update?**

The Capital Region International Airport is operated under the authority of the CRAA. Airport revenues are used to support airport operations as well as meeting required local contributions for federally funded Capital Improvement Program projects. This Airport Master Plan Study is funded using a 90% federal Airport Improvement Program (AIP) grant with the remaining 10% split evenly between state and local airport funds.

### **When will the Master Plan study be completed?**

The Master Plan update is anticipated to be completed by the first quarter of 2025.

### **What are the components of the Master Plan study?**

The components of the Airport Master Plan study include:

- An inventory of existing facilities and collection of current activity data
- Development of an aviation activity forecast
- Determination of future facility requirements
- Terminal assessment
- Creation of comprehensive alternative development concepts
- Development of a financial implementation plan
- An environmental review to identify implementation actions
- Creating the Airport Layout Plan documents in accordance with federal design standards

### **Is an airport required to have a Master Plan?**

Before the Federal Aviation Administration (FAA) can consider an airport eligible to receive federal funding support for eligible capital projects, the airport must be included in the National Plan of Integrated Airport Systems (NPIAS). LAN is included in the NPIAS, therefore, to receive federal funding support for eligible capital improvement projects, necessary improvements must be shown on the ALP and justified by purpose and need within the technical report.

### **What is the goal for the Master Plan update?**

The CRAA and RS&H will work to balance airside, terminal, landside, general aviation, and community stakeholder needs at LAN while optimizing and positioning the airport to meet future demand and opportunities as they materialize.

### **Will the Master Plan update propose expansion of airfield facilities such as runways and taxiways?**

This Master Plan process of establishing any airfield improvements will be based on the plan's approved FAA forecast and design standards. Any resulting airfield requirements would then be recommended for facility modifications or development.

### **What known challenges exist at LAN?**

The CRAA has several challenges this Master Plan update will focus on to identify future solutions and improvements. Many challenges exist due to aging facilities, changing operational demands associated with FAA design standards, new airport/passenger security requirements, a shift in airline business models, and how airport users are utilizing the airport's facilities. These focus areas include, but are not limited to:

- Terminal and landside improvements
- Regional access
- Airfield geometry and design standards
- Runway safety area
- Airport cargo facilities
- Airport support facilities
- Deicing and stormwater management
- Land use planning
- Non-aeronautical land development
- Airport Port Lansing Business Park

### **When will the project identified in the Master Plan be implemented?**

The Master Plan update will identify projects which may be implemented dependent upon levels of demand, known as "demand level triggers", over the coming 20-year period. Prior to implementation, each project will undergo individual analysis including environmental review through the National Environmental Policy Act (NEPA). Additionally, funding must be secured for each project prior to implementation. Funding sources may include the Federal Aviation Administration (FAA), Michigan Department of Transportation (MDOT), Passenger Facility Charges (PFCs), local airport revenues, or other sources yet to be identified.

### **Who typically pays for projects recommended in the Master Plan?**

Projects recommended in the Master Plan are typically funded from a variety of sources including FAA Airport Improvement Program (AIP) grants, airport revenue funds, passenger facility charges (PFCs),

customer facility charges (CFCs), and various forms of bonds (such as general airport revenue bonds). Property tax revenues may be used to provide the local “match” to various grants.

**How can I provide comments on the Master Plan?**

Comments on the Master Plan are welcome and encouraged throughout the project. Comments can be submitted via the comments page on this website. All comments will be reviewed and considered. Additionally, the public will have the opportunity to provide comments at several public information meetings to be held throughout the Master Planning process. The meetings will be advertised locally and posted on the [LAN website](#).