



Master Plan Stakeholder Kickoff
September 14, 2017



CVG Master Plan 2050

Agenda

- Stakeholders
- Master Plan Team
- Introduction to CVG Airport
- Master Plan Overview
- Master Plan Goals & Objectives
- Stakeholder Participation
- Questions & Comments



Stakeholders



CVG Master Plan 2050 Stakeholders Invited to Participate

- Kentucky Government Stakeholders
- Ohio Government Stakeholders
- Indiana Government Stakeholders
- Planning Agencies
- Area Business Leaders
- Federal & State Agencies
- Airlines & Other Partners
- Kenton County Airport Board (KCAB)



Local Planning Studies Coordination





Master Plan Team



KCAB Project Coordination Team

- Responsible for day-to-day CVG Master Plan coordination
 - Barb Schempf – Vice President, Planning & Development
 - Debbie Conrad – Sr. Project Manager, Planning & Development
 - Adam Kressler – Director, Air Service Development
 - Dil Gruffydd – Director, Financial Strategy
 - Tom Gulyas – Master Plan Update Project Manager, Planning & Development

Landrum & Brown – Global Aviation Planning and Development

- Headquartered in Cincinnati Since 1949
 - Rob Adams – Principal
 - Nick Brown – Managing Consultant



Master Plan Team

- Landrum & Brown – Prime

Sub-Consultants & Specialty Firms	
Firm	Role(s)
AECOM	Terminal/Concourse/Systems Facility Condition Assessment
Butler, Fairman, Seufert	Airfield Compliance and ALP Support
Connico	Cost Estimating
Faith Group	Safety Risk Assessment, IT Master Planning, Security Threat Assessment
Jones Lang LaSalle	Non-Aeronautical Land-use, Market Assessments
KLH Engineers	Mechanical/Electrical/Plumbing Condition Assessments
Lea + Elliot	APM Condition Assessment
Leah Fisher	Financial Modeling
PCA Architecture	Terminal/Concourse Schematic Concepts
Vic Thompson	Baggage System Condition Assessment
Woolpert	Airfield Utility Assessments, Ground Transportation, AGIS

Federal Aviation Administration (FAA)

- Memphis Airport's District Office (ADO)
 - Forecast Approval
 - Technical Review and Support
 - Safety Risk Modeling Process
 - Airport Layout Plan (ALP) Approval



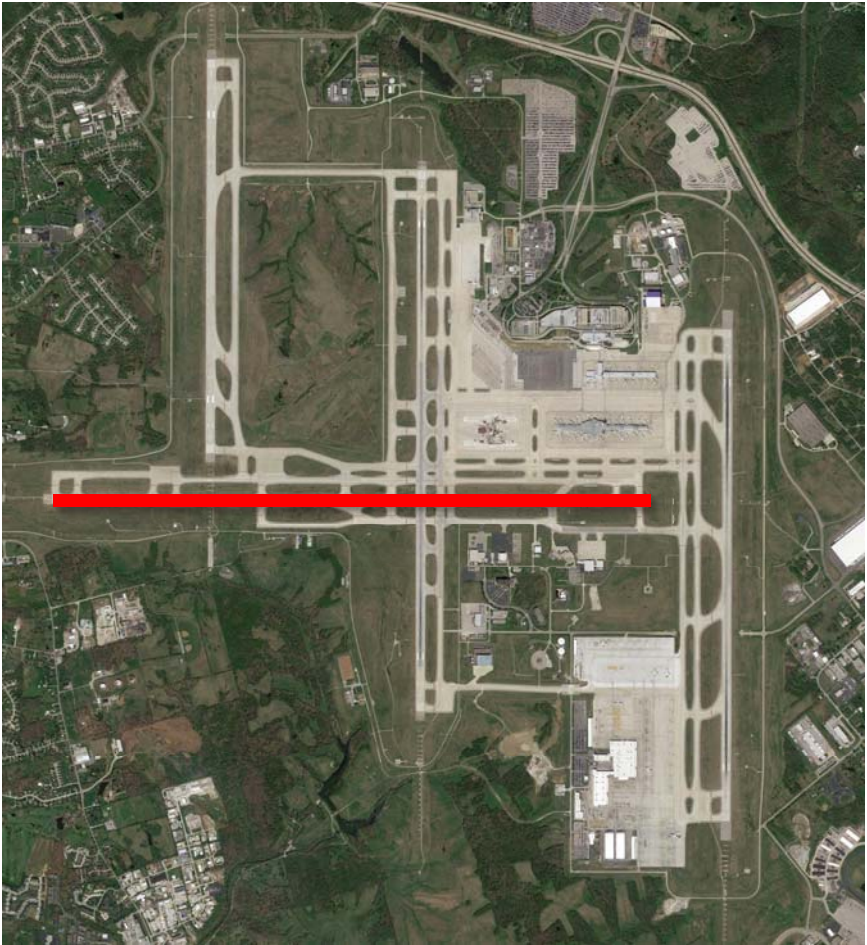


Introduction to CVG Airport



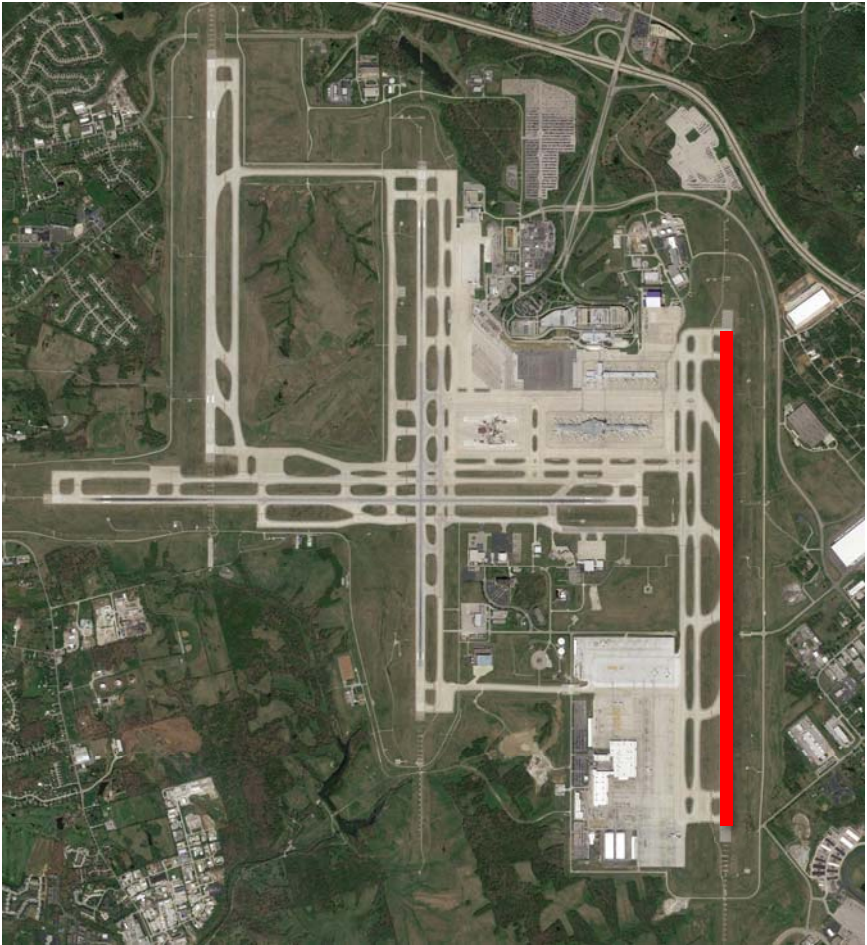
Runways

- Runway 9/27



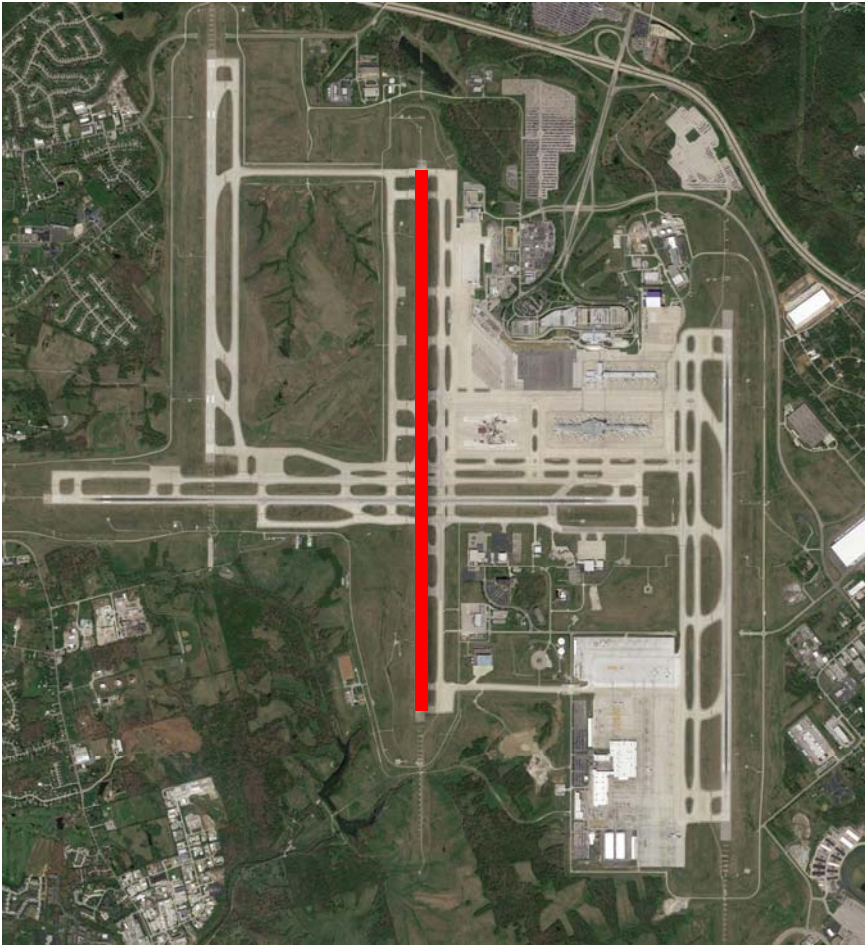
Runways

- Runway 9/27
- Runway 18L/36R



Runways

- Runway 9/27
- Runway 18L/36R
- Runway 18C/36C



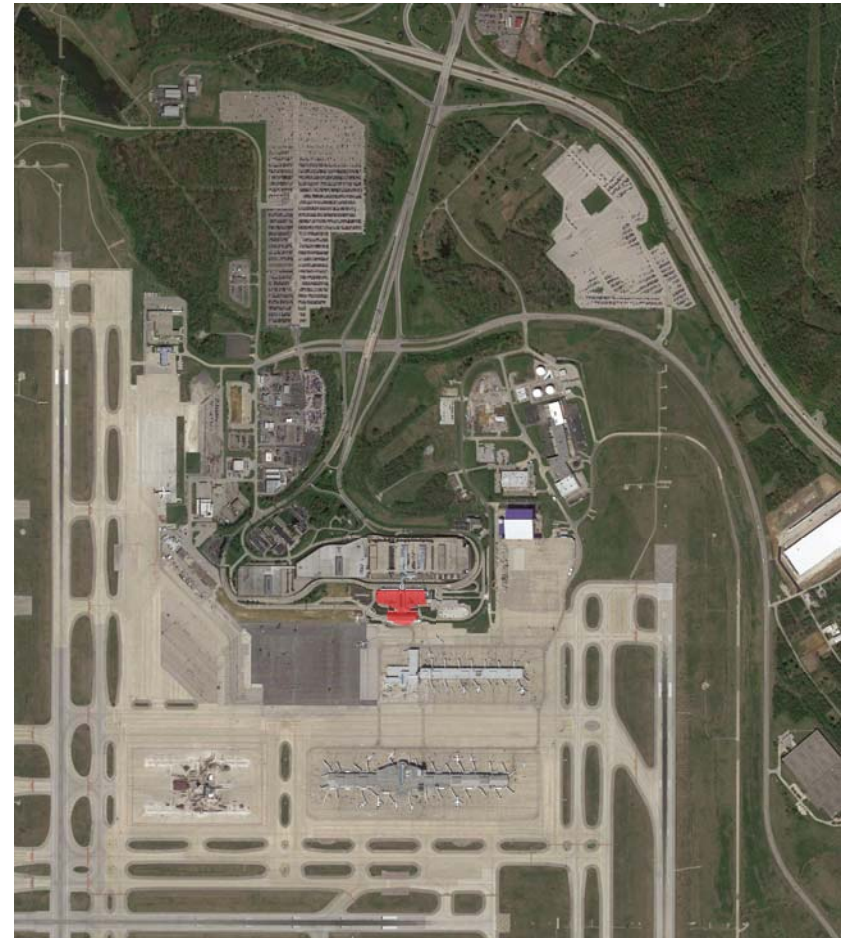
Runways

- Runway 9/27
- Runway 18L/36R
- Runway 18C/36C
- Runway 18R/36L



Passenger Terminal/Concourses

- Main Terminal & TSA Security Screening Checkpoint



Passenger Terminal/Concourses

- Main Terminal & TSA Security Screening Checkpoint
- Concourse A
 - Air Canada
 - Allegiant
 - American
 - Apple Vacations
 - Frontier
 - One Jet
 - Southwest
 - United
 - Vacation Express



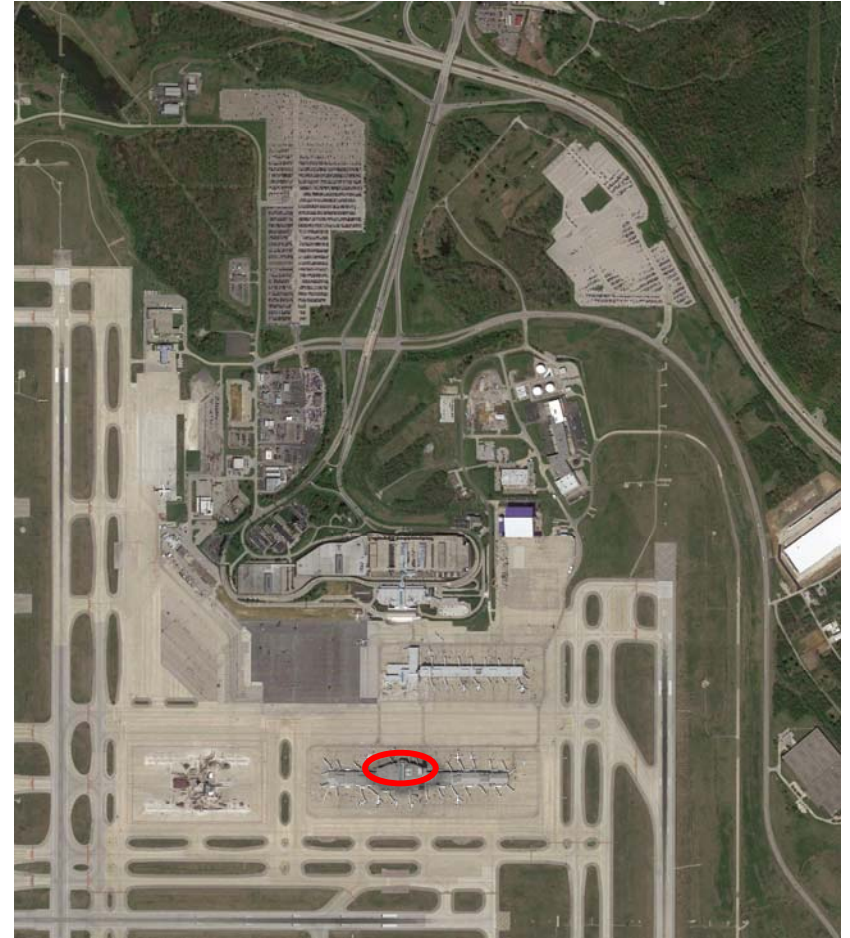
Passenger Terminal/Concourses

- Main Terminal & TSA Security Screening Checkpoint
- Concourse A
- **Concourse B**
 - Delta Air Lines



Passenger Terminal/Concourses

- Main Terminal & TSA Security Screening Checkpoint
- Concourse A
- Concourse B
- **International Arrivals**
 - Customs and Border Protection
 - TSA Re-screening checkpoint



Landside Roadways

- Interstate-275



Landside Roadways

- Interstate-275
- KY-212/Terminal Drive



Landside Roadways

- Interstate-275
- KY-212/Terminal Drive
- Donaldson Hwy (KY-236)



Landside Roadways

- Interstate-275
- KY-212/Terminal Drive
- Donaldson Hwy (KY-236)
- Loomis Road



Vehicle Parking

- Long-Term Parking Lot



Vehicle Parking

- Long-Term Parking Lot
- Short-Term Garages



Vehicle Parking

- Long-Term Parking Lot
- Short-Term Garages
- Existing Rental Car Lots



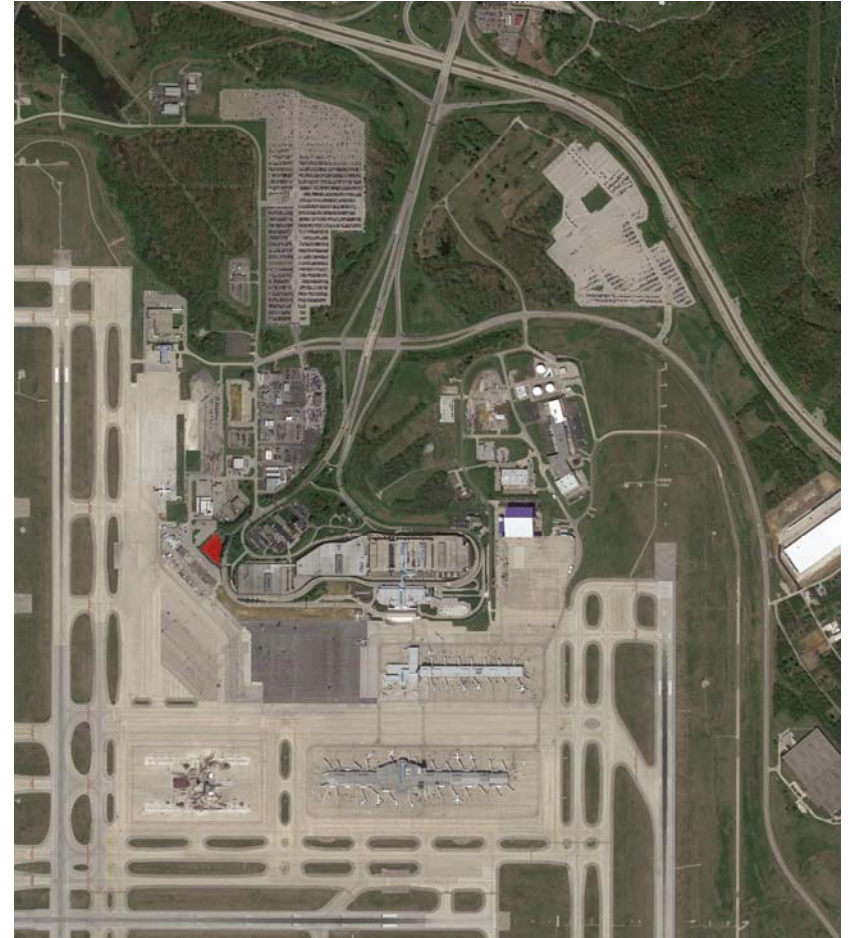
Vehicle Parking

- Long-Term Parking Lot
- Short-Term Garages
- Existing Rental Car Lots
- Future Rental Car Facility (CONRAC)



Vehicle Parking

- Long-Term Parking Lot
- Short-Term Garages
- Existing Rental Car Lots
- Future Rental Car Facility (CONRAC)
- **Cell Phone Lot**



Vehicle Parking

- Long-Term Parking Lot
- Short-Term Garages
- Existing Rental Car Lots
- Future Rental Car Facility (CONRAC)
- Cell Phone Lot
- Employee Parking Lot



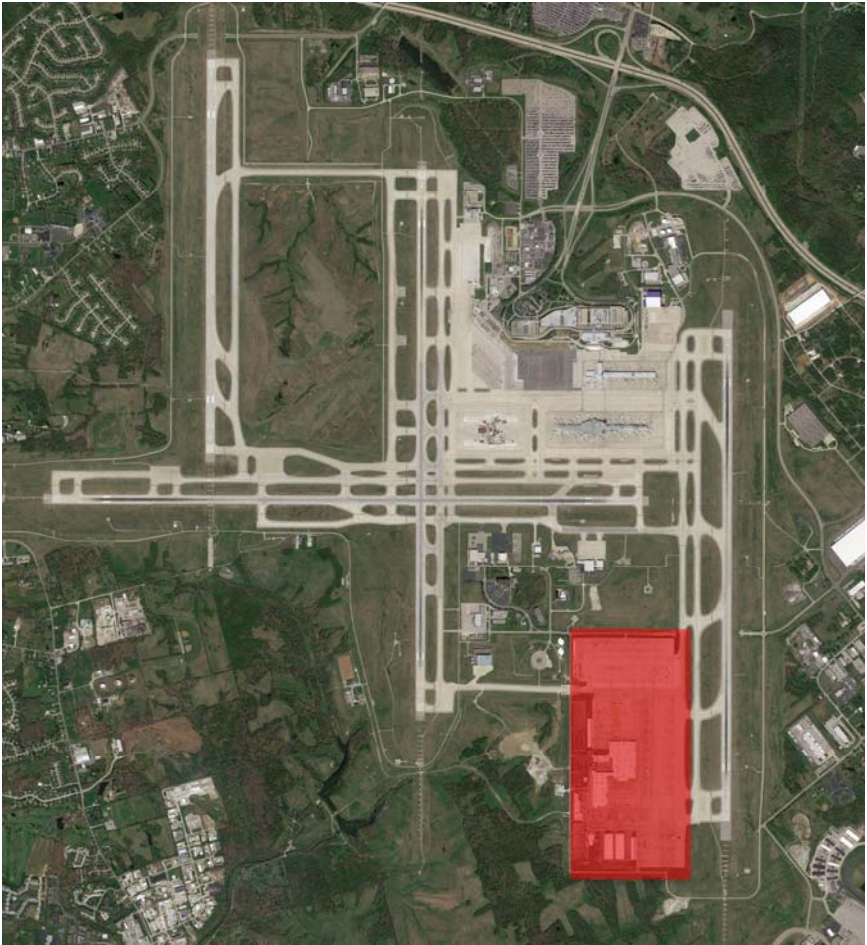
Cargo

- North Cargo Area



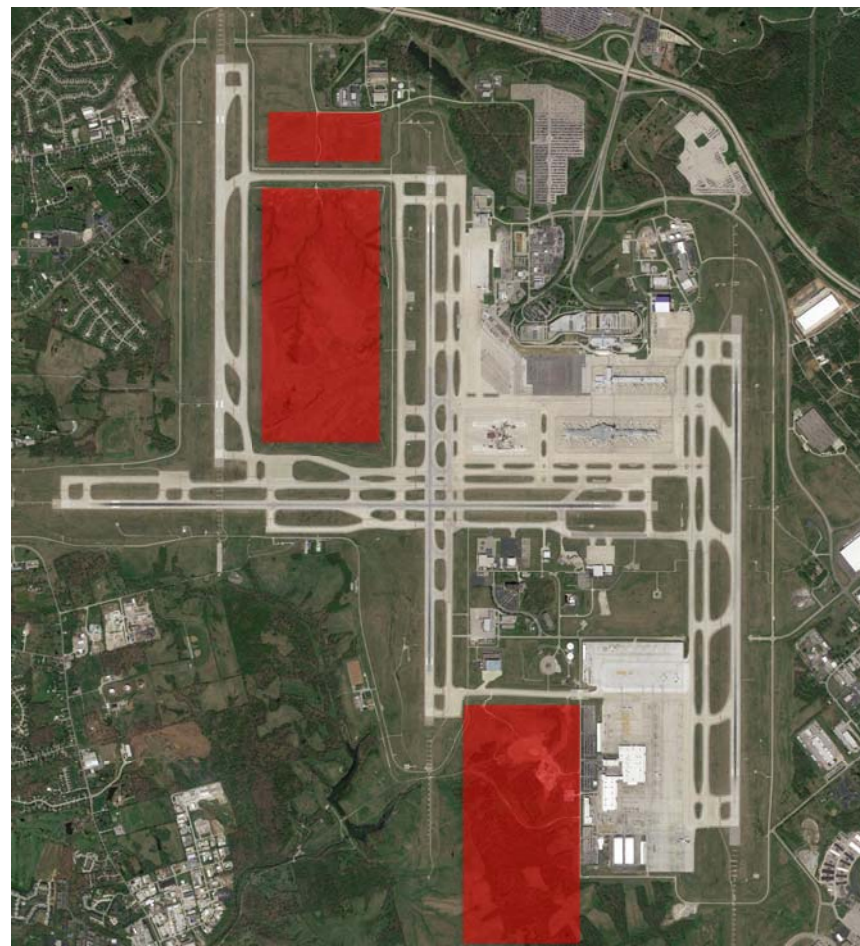
Cargo

- North Cargo Area
- South Cargo Area



Cargo

- North Cargo Area
- South Cargo Area
- Future Cargo Development





Master Plan Overview



Why Update the Master Plan?

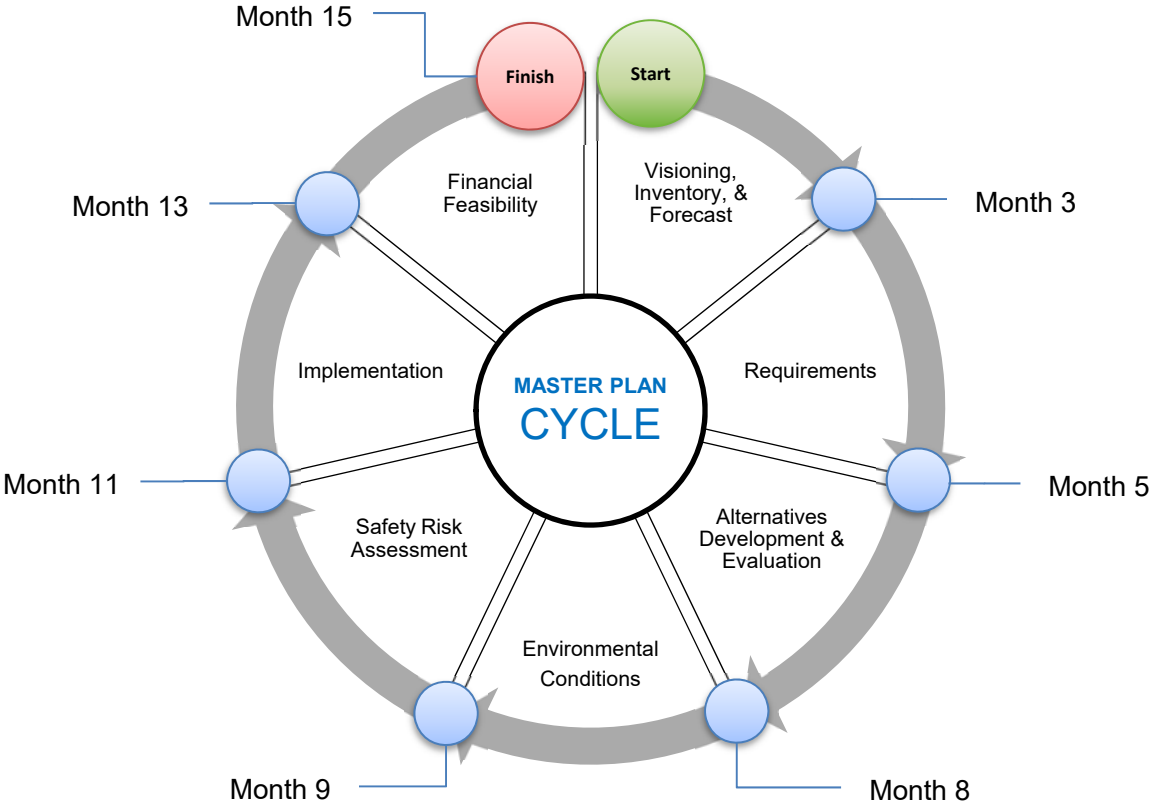
- Previous Master Plan - 2013
- Operational changes at CVG since completion of previous study
 - Continued shift from hub-based activity to 85%+ local traffic
 - Return and growth of air cargo operations
 - Demand for aeronautical and non-aeronautical development
- Need to review age, condition, availability and sustainability of existing passenger terminal facilities
- Use and lease agreement re-negotiation (2020)

Key Areas of Focus

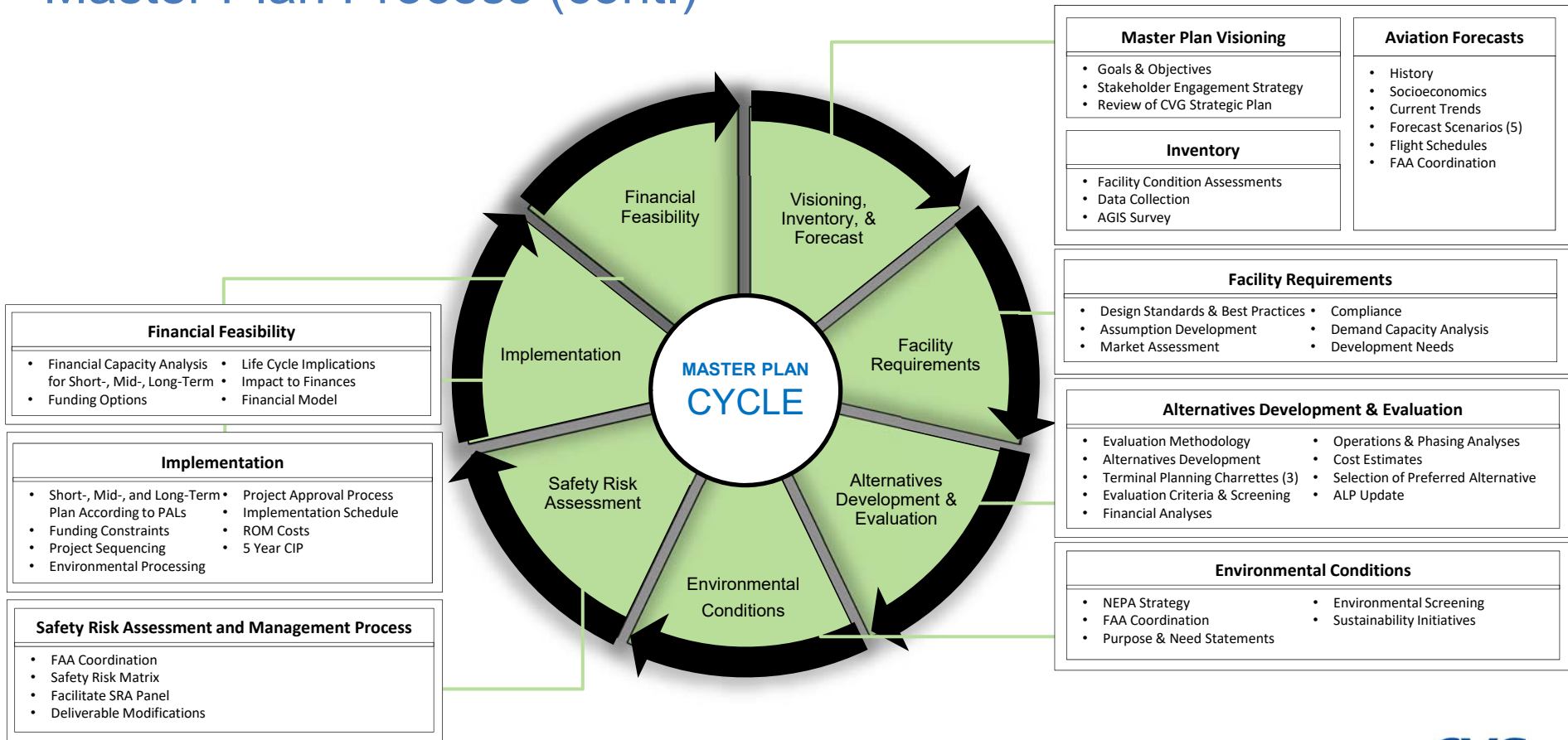
- Developing concourse redevelopment plan
- Resolving airfield compliance issues
- Supporting DHL, Amazon, and other cargo development
- Identify landside improvements to support CONRAC and cargo developments

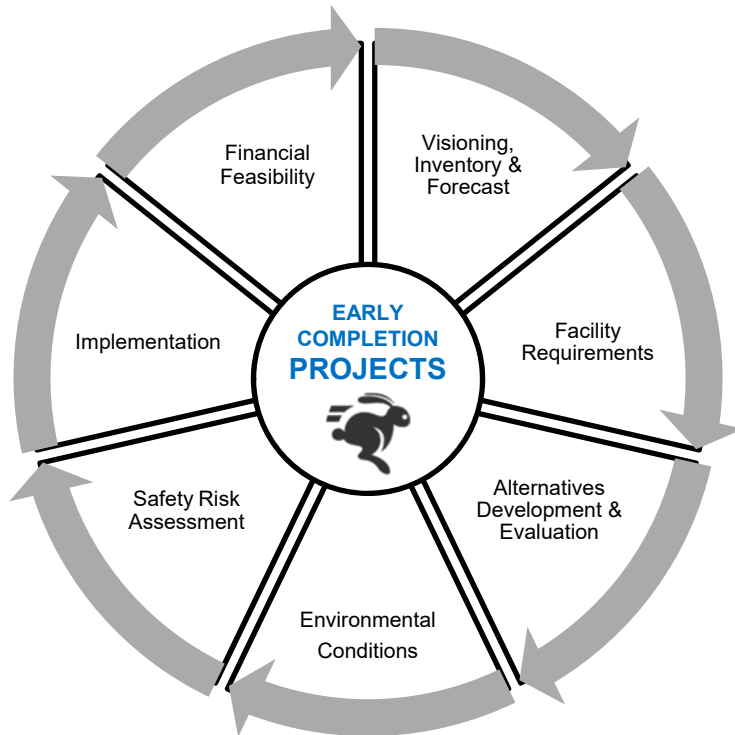


Master Plan Process



Master Plan Process (cont.)

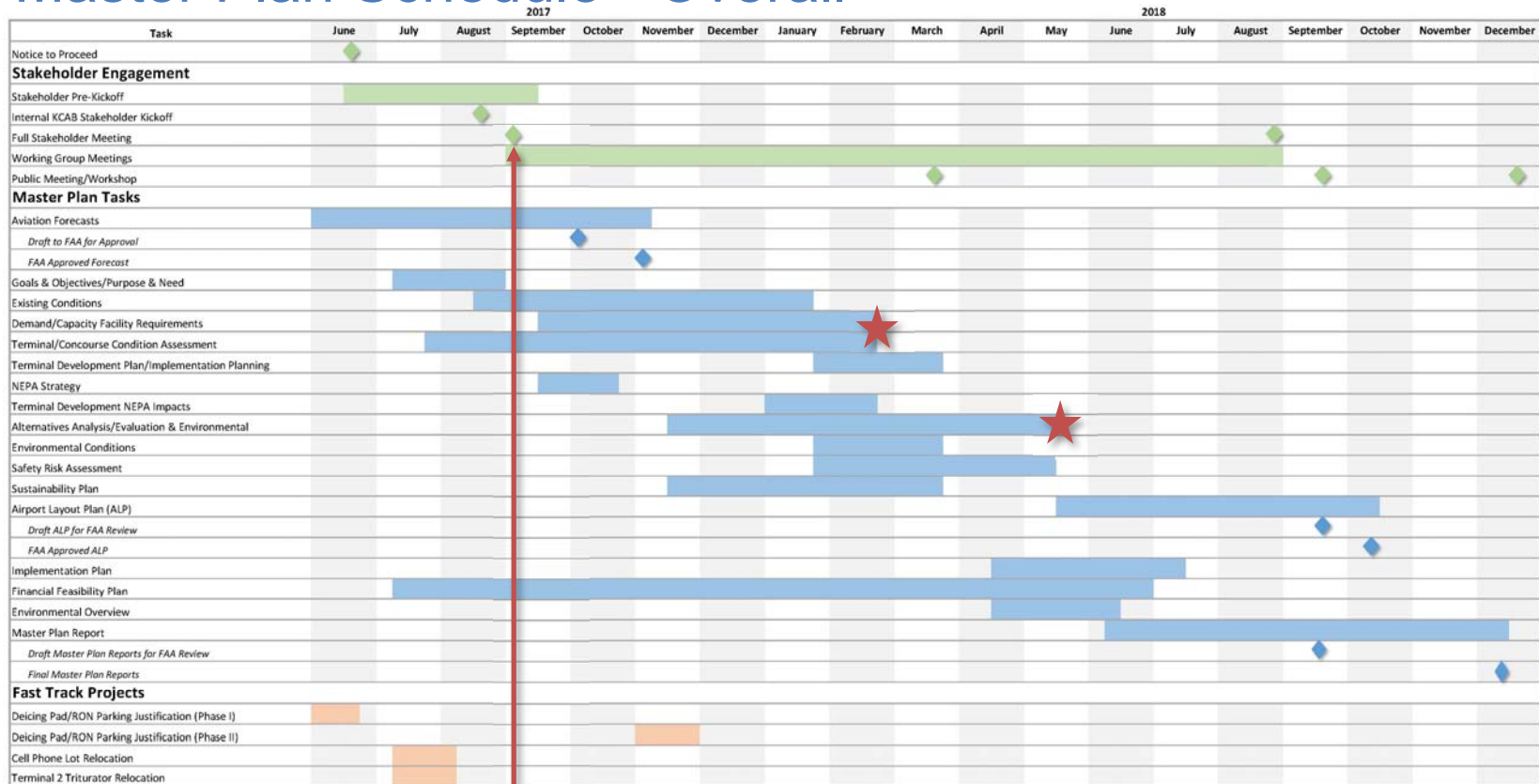




EARLY COMPLETION PROJECTS (First 7 Months)

1. Forecast
2. Passenger Facilities Condition Assessment
 - 2a. Passenger Facilities Development Needs
 - 2b. Passenger Facilities Alternatives & Screening
 - 2c. Preferred Alternative Implementation Plan
3. Amazon Development Support
4. Aircraft Deicing/RON Pad Justification
5. Cell Phone Lot Relocation
6. Terminal 2 Triturator Relocation
7. NEPA Strategy/Purpose & Need Statement

Master Plan Schedule - Overall



1st Meeting with Stakeholders
Today's Meeting

Embrace What's Next

Progress to Date

Completed	Underway	Upcoming
<ul style="list-style-type: none">• Master Plan Website• Master Plan Goals & Objectives	<ul style="list-style-type: none">• Inventory of Existing Conditions• Terminal/Concourse Condition Assessment• Aviation Forecast• Financial Feasibility Model/Plan	<ul style="list-style-type: none">• Demand/Capacity Facility Requirements• Alternatives Analysis & Evaluation





Master Plan Goals & Objectives



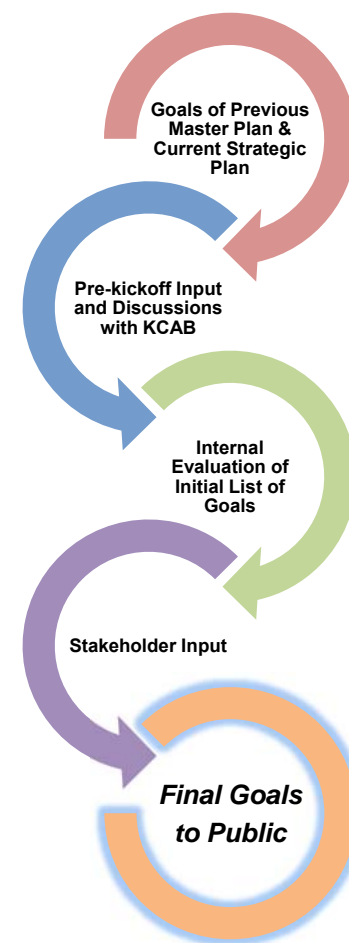
Goals & Objectives

- Guide the overall direction of the Master Plan
- Govern the development and evaluation of alternatives
- Stakeholder buy-in is critical to success of Master Plan

Goals → Evaluation of Alternatives (example)

Goal: Safety and Security	Weight (1 – 5)	Alt 1 (Rating/Score)	Alt 2 (Rating/Score)	Alt 3 (Rating/Score)
Perimeter Fencing	5	+1/5	0/0	-1/-5
Front Door Security	4	+1/4	+1/4	0/0
TSA Expansion/Redundancy	2	-1/-2	0/0	0/0
TOTAL		7	4	-5
Goal: Enhance Cargo Development	Weight (1 – 5)	Alt 1 (Rating/Score)	Alt 2 (Rating/Score)	Alt 3 (Rating/Score)
Proximity to Terminal	5	0/0	+1/5	0/0
Landside Access	5	+1/5	0/0	0/0
Expansion Capability	3	-1/-3	0/0	+1/3
TOTAL		2	5	3

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Suggested Goals and Objectives



Preliminary Master Plan Goals

- Build Community Support for Future Airport Development
- Develop Landside Roadway & Parking to Support CONRAC/Terminal/Cargo
- Ensure Financial Sustainability
- Identify Actions to Meet/Exceed Safety & Security Best Practices
- Optimize Terminal/Concourse Facilities for a Multi-airline O&D Airport with Transient Capabilities
- Support/Enhance Cargo Development
- Support/Enhance Non-Aeronautical Development
- Support Use-Agreement Renegotiation (2020)



Stakeholder Participation

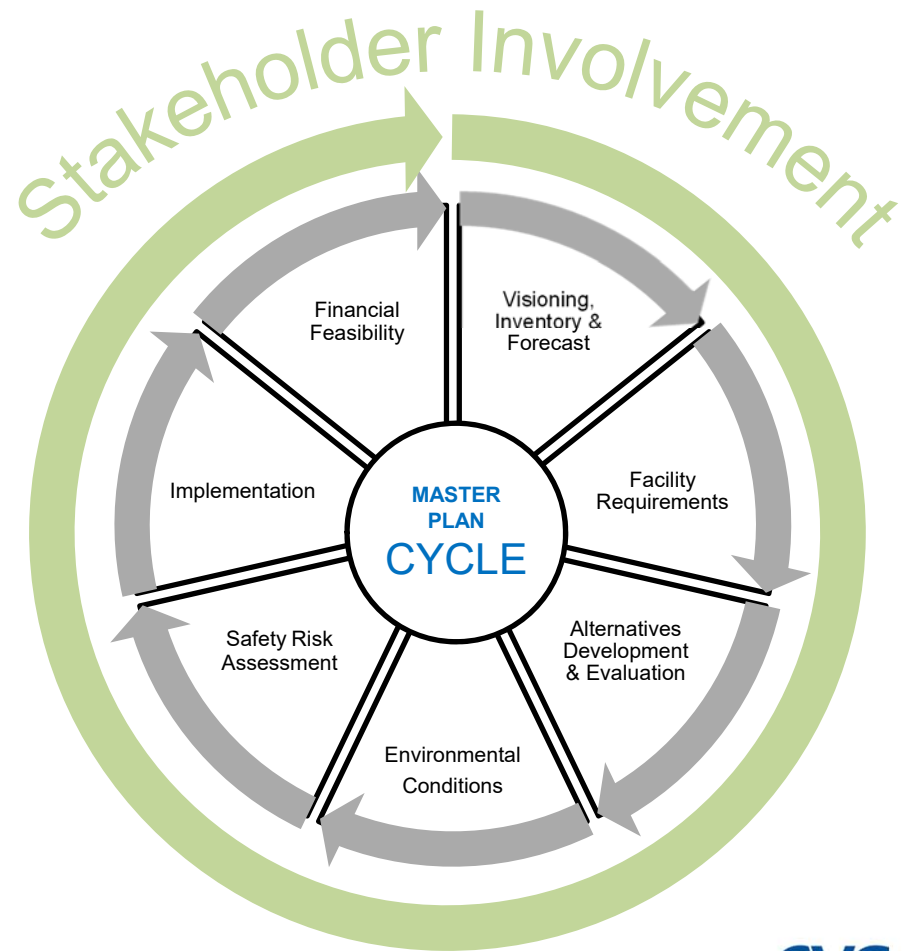


Stakeholder Outreach



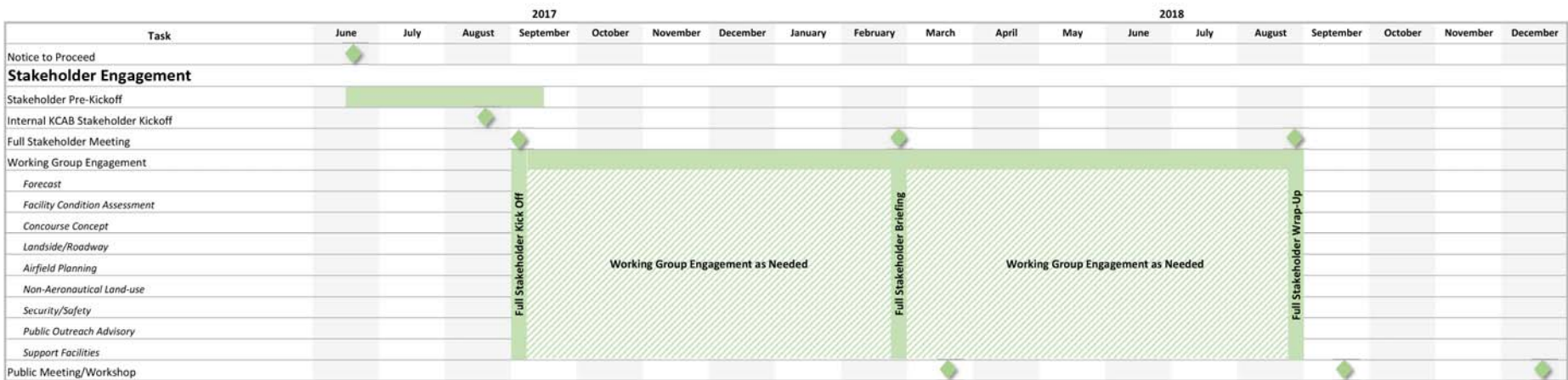
Stakeholder Working Groups

- Forecast
- Facility Condition Assessment
- Concourse Concept
- Landside/Roadway
- Airfield Planning
- Non-Aeronautical Land-use
- Security/Safety
- Public Outreach Advisory
- Support Facilities



Stakeholder Roles

- Full Stakeholder Briefings prior to first two Public Meetings/Workshops
- As required:
 - In-person meetings
 - Conference Calls/Webinars
 - Document/Materials Review and Comment
- Coordination via direct communications and deliverables review via Master Plan Website



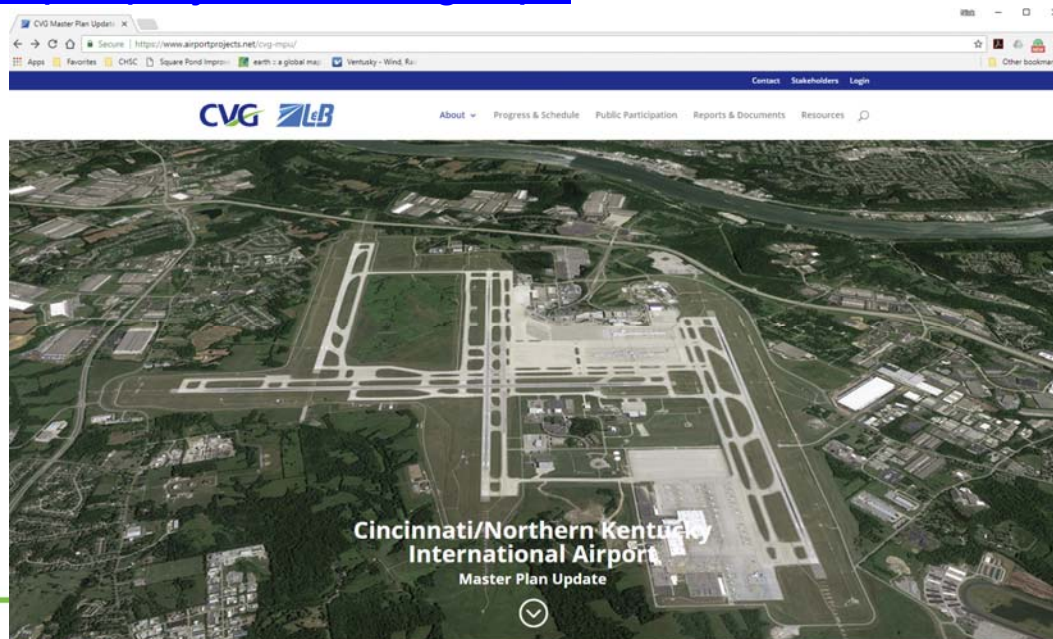
Public Meeting/Workshops

- Three planned Public Meetings/Workshops
 - 1st Quarter 2018 – Forecast/Facility Requirements/Initial Alternatives
 - 3rd Quarter 2018 – Refined Alternatives/Recommendations
 - 4th Quarter 2018/1st Quarter 2019 – Final Master Plan



Master Plan Website

- Communication and dissemination of materials to:
 - Stakeholders
 - General Public
- User IDs and Passwords to all stakeholders via email today.
- <https://www.airportprojects.net/cvg-mpu/>



Thank you!

- Next Steps
 - Individual/small group input opportunities in coming months as needed
 - Document review/comment via website
 - Inventory
 - Forecast
 - Next Full Stakeholder Briefing
 - 1st Quarter 2018



Questions & Comments

