



Bismarck

A I R P O R T

Master Plan Update

**STUDY WORK GROUP
MEETING No. 1**

December 9, 2015

Agenda

- Welcome and opening remarks
- Introductions –Project Team and Study Work Group Members
- Airport role and principle uses
- What is an airport master plan
- Overview of airport master plan process
- Study Work Group member role and responsibilities
- Key project issues, goals and objectives
- Comments & questions
- Next Steps

Team Introductions

- ➔ **Mead & Hunt, Inc. - offices in Fargo and Bismarck**
 - ❖ Bart Gover, Project Manager
 - ❖ Jon Scraper, Project Coordinator
 - ❖ Jen Boehm, Project Engineer
- ➔ **Martinez Geospatial – Minneapolis, MN**
 - ❖ Airports Geographic Information System (AGIS)
 - ❖ Aerial Survey and Imagery
- ➔ **Kim Kenville Consulting –Grand Forks**
 - ❖ Public Outreach Program
 - ❖ Stakeholder Focus Groups
- ➔ **Leibowitz and Horton –Denver, Co**
 - ❖ Financial Analysis and Implementation Plan

Study Work Group Members

- Josh Askvig –City Commissioner
- LTC Paul Helten –Army Aviation Support Facility & Aviation Battalion
- Steve Colberg –Basin Electric Power Cooperative
- Doug Hilsen –FAA Tower
- Tom Painter –Aircraft Rescue & Fire Fighting (ARFF)
- Jared Wingo –North Dakota Aeronautics Commission
- Tim Thorsen –Assistant Airport Director
- Greg Haug –Airport Director
- Jon Simmers –Bismarck Aero Center
- Chris Brown- Motix
- Matt Reichert – CCIM (Aspen Group)
- Carl Hokenstad –Community Development
- Brian Ritter –Bismarck-Mandan Development Association
- Steve Saunders –Metropolitan Planning Organization
- Steven Koppo –FAA Tech Ops
- Scott Brownlee –FAA ADO
- Mark Holzer –FAA ADO
- Ervin Fisher –Lincoln City Council
- Paul Vetter –Executive Air
- Kathleen Jones –Burleigh County Commissioner
- Kelvin Hullet – Chamber of Commerce

Airport Role and Principle Uses

- **FAA classification: Non hub primary airport**
- **Serves commercial and general aviation customers**
- **Provides employment for nearly 425 people**
- **Serves as a gateway to Bismarck for corporate aircraft users**
- **Is the home of aviation businesses with customers nationwide**
- **Provides air travel access to Bismarck residents and businesses in the surrounding area as well as destination for travelers to the Bismarck region**
- **Provides a base of operations for local law enforcement and state agency aircraft**
- **Home to the North Dakota ARNG aviation support facility**
- **Provides access for traveling doctors and medical emergencies**





What is an Airport Master Plan?

- **Comprehensive study of an airport**
 - ❖ Describes short, medium, and long-term development
 - ❖ Synchronizing airport growth with community growth
 - ❖ Considered as the “roadmap” for future development
- **Considers all issues affecting proposed development**
 - ❖ Airfield -Runways, Taxiways, Aprons
 - ❖ Key safety areas –Runway Safety Area, Runway Protection Zone, and Object Free Areas
 - ❖ Land use, ground transportation, zoning, and airspace
 - ❖ Terminal -Gates, TSA Check Point, Vehicular Parking

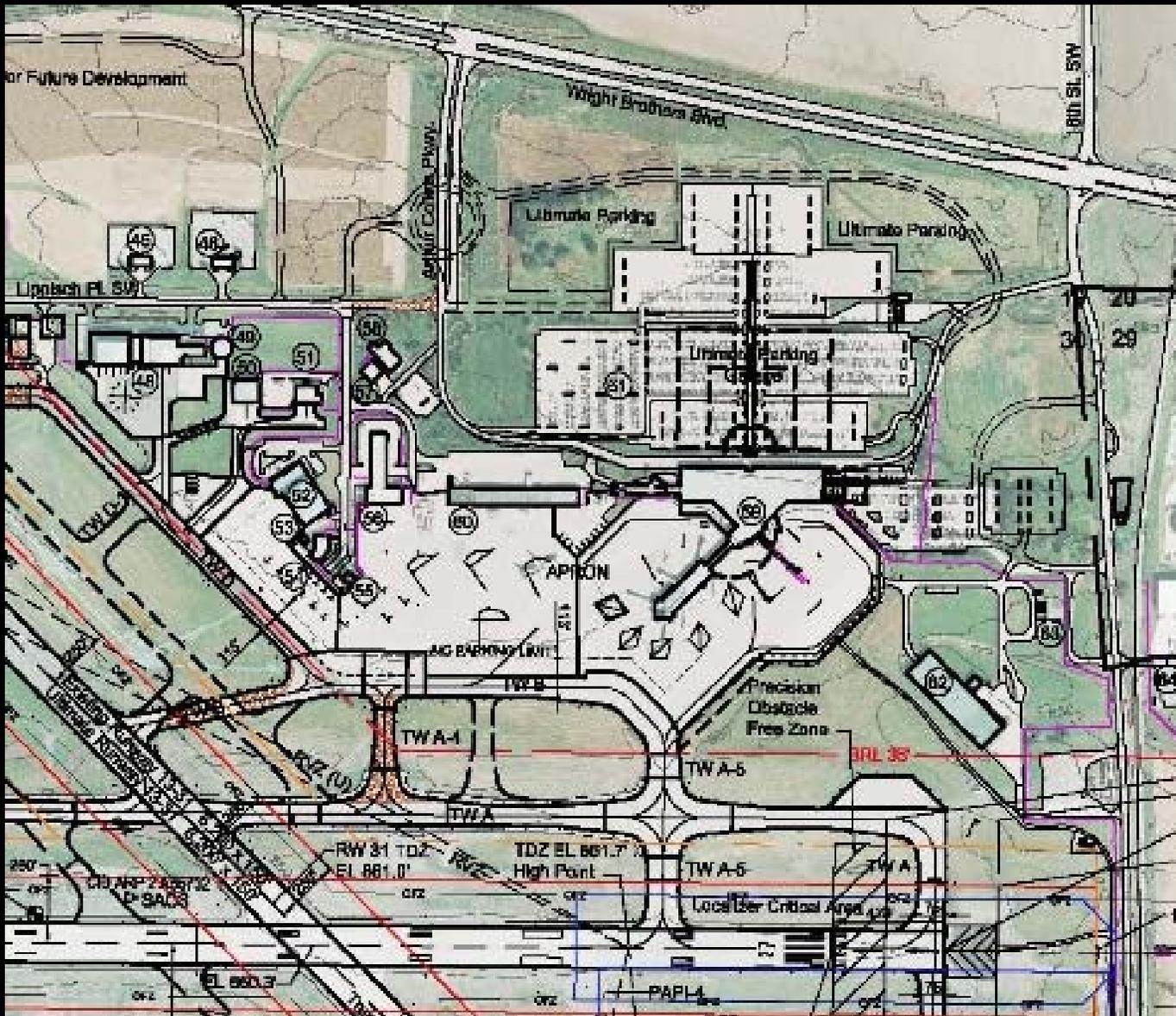
What is an Airport Master Plan?

- Review existing conditions
- Projections of future aviation activity for FAA approval
- Determination of future facility needs
- Development of airport alternatives
- Evaluation of potential environmental impacts
- Development of an Airport Layout Plan (ALP) for FAA approval
- Airports GIS Database (FAA)
- Airport Capital Improvement Plan (ACIP)

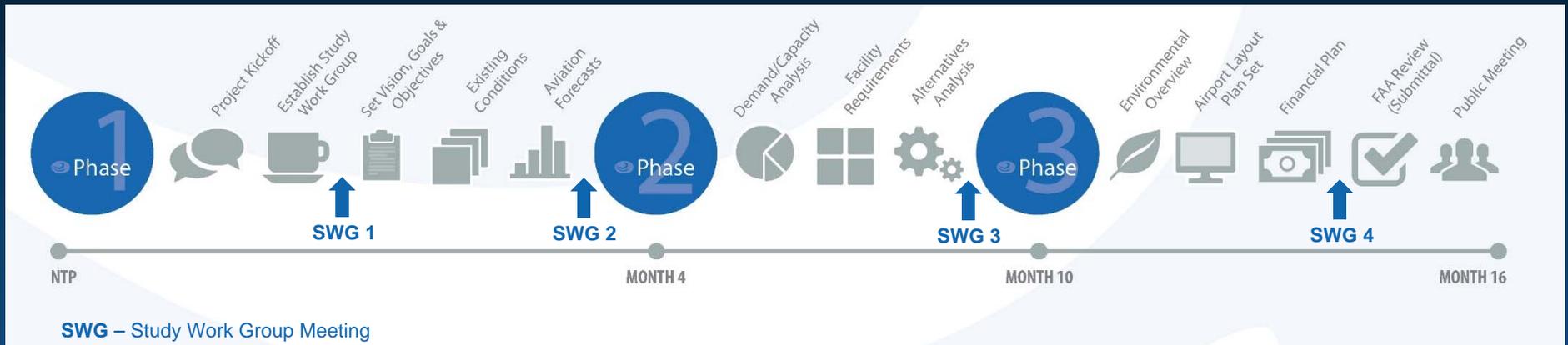
Why a Master Plan?

- ND State System Plan projects an increase of 85% in passenger enplanements (2013 to 2035)
- New Airline Entrant (American Airlines)
- Address several key issues impacting Airport
 - ❖ Runway, Terminal, GA, Air Cargo, and Vehicular Parking
- Focus on landside and airside access
- Opportunity for public input
- Help protect future land use compatibility
- Develop an Airport Layout Plan (ALP) and ACIP
- Opportunity for meeting customer needs and demands
- Required by FAA

Terminal Area



Overview of Master Plan Process



→ 4 Study Work Group Meetings

- ❖ Phase 1, 2, 3, and before public meeting

→ Moderate effort periods

- ❖ Phase 2 and 3

Study Work Group Roles and Responsibilities

- Important source of information
- Serve as a communication link with respective stakeholders
- Sounding board for study recommendations
- Active meeting participation
- High level review of draft working papers
- Assist in establishing goals, objectives and SWOT
- Encourage attendance during public meetings

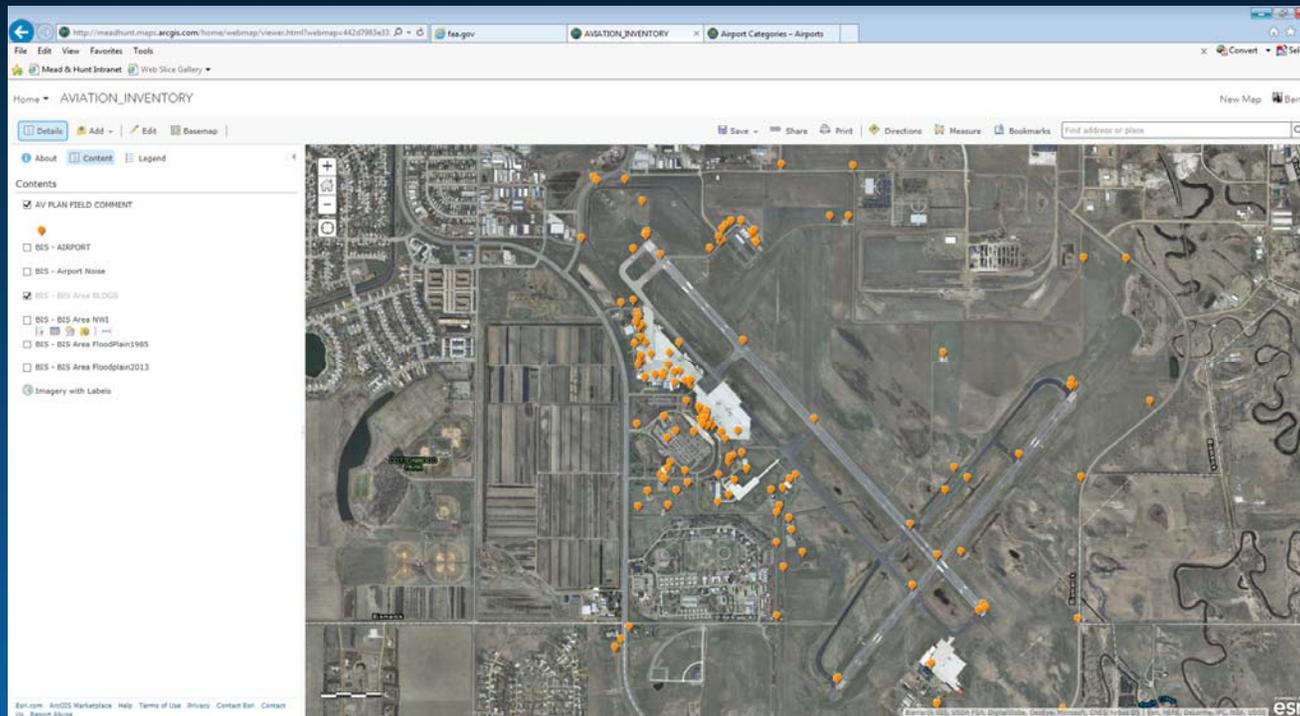
Key Project Issues, Goals and Objectives

- Focus on customer service opportunities
- Enhancing the passenger experience
- Terminal development and expansion
- Runway rehabilitation
- Promote land use compatibility
- Air cargo development
- Vehicular parking expansion
- Many more! Open discussion among SWG members

Technology Driven Plan

- **Development of a GIS platform for Airport's future use**
 - ❖ Used to develop inventory of existing conditions assessment
 - ❖ Will include alternatives considered for implementation
 - ❖ Airport layout plan set compatible
 - ❖ Help make future decisions regarding airspace, zoning and land use
 - ❖ Enable City of Bismarck to utilize AGIS for future planning

ArcGIS Website Demo



Comments & Questions

- Open discussion
- Contact Airport
 - ❖ Tim Thorsen tthorsen@bismarcknd.gov
- Contact the Project Manager
 - ❖ Bart Gover bart.gover@meadhunt.com
- Stayed tuned for Bismarck Airport Master Plan Webpage!
 - ❖ Will serve as an electronic data room for all project documents and information
 - ❖ Accessed from BIS Airport Webpage

Next Steps

- Communicate with your respective stakeholders about the purpose of master plan
- Consolidate comments received from focus groups for SWG review/comment
- Develop draft inventory of existing conditions chapter
- Develop draft aviation forecast chapter
- Submit forecast to FAA for review/approval
- Hold SWG Meeting No. 2 (March 15, 2016)
- Hold Public Meeting No. 1 (March 16, 2016)