



Detroit  
**Metro  
Master  
Plan**

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**DTW**

**Citizens Advisory Committee**

**Meeting #2**

*January 25, 2007*

# Agenda

- Forecast and Facility Considerations
- Development Concepts – Airfield and Terminal
- Intermodal Transportation and Support Facilities Considerations
- Land Use Discussion
- Next Steps

# Forecast of Aviation Activity

Year	Enplanements	Operations	
		Annual	Air Cargo (Tons)
2005	18.2 M	521,900	217,478
2010	20.4 M	607,554	287,711
2015	23.0 M	671,847	321,163
2020	26.2 M	737,595	351,998
<b>2025</b>	<b>29.3 M</b>	<b>810,061</b>	<b>382,792</b>

# Airfield Considerations

- Runways
  - Provide additional runway capacity to meet peak hour requirements
  - Runway extension(s) to meet departure length needs
- Deicing & Hold Pads
  - 36 deicing positions/(13 additional positions).
- NAVAIDS
  - Flexibility and redundancy for weather conditions

# Terminal Area Considerations

- Terminal Processors
  - Provide sufficient capacity for each component
- Concourses
  - 60 additional gates at the McNamara Terminal
  - 10 additional gates at the North Terminal
  - Incremental expansion capability
- Apron Area
  - Pushback operations
  - Hydrant fueling
  - Snow Storage/GSE storage

# Concept Pre-Screening Evaluation Criteria

- Airfield
  - Ability to meet demand
  - Cost prohibitive
- Terminal
  - Ability to meet demand
  - Long-term flexibility/incremental expansion
  - Compatible with airfield configuration

# Intermodal Transportation Considerations

- Consolidated Rental Car Facility
  - Driven by operational constraints, expansion requirements, land use, customer service
- Roadways & Curbfronts
  - Choke points at key intersections
  - Congestion on curbfronts
  - Service and delivery routes
- On-Airport Parking
  - Parking demand exceeds capacity today
  - Parking demand will continue to increase throughout the planning period
- Airport Transit System (ATS)
  - Regional rail, airport monorail, bus rapid transit

# Support Facilities Considerations

- Airport Facilities
  - Airfield maintenance complex and snow removal equipment (AMC/SRE) storage
  - Administration building
  - Stormwater management/snow storage
  - ARFF
  - Concession storage and distribution
- Airline Facilities
  - Air cargo
  - Aircraft maintenance
  - Fuel storage
  - Flight kitchens

# Land Use Discussion

- Intermodal/support facilities & collateral development
  - CONRAC
  - Administration Building
  - Airport Transit System (ATS)
  - Air Cargo
  - Corporate/General Aviation
  - Commercial/Retail

# Next Steps

