

Runway Development Project

Owner's Perspective

CAPTG – Sept 17, 2012

Agenda

1. Who We Are
 2. Why Do We Need A New Runway?
 3. Planning
 4. Implementation
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1. Who We Are?

- 5,150 Acres
- 3 Runways (longest at 12,675 ft.)
- 32 Gates
- 158,000 m² Terminal Space
- 5,800 stall Parkade (P1 & P2)

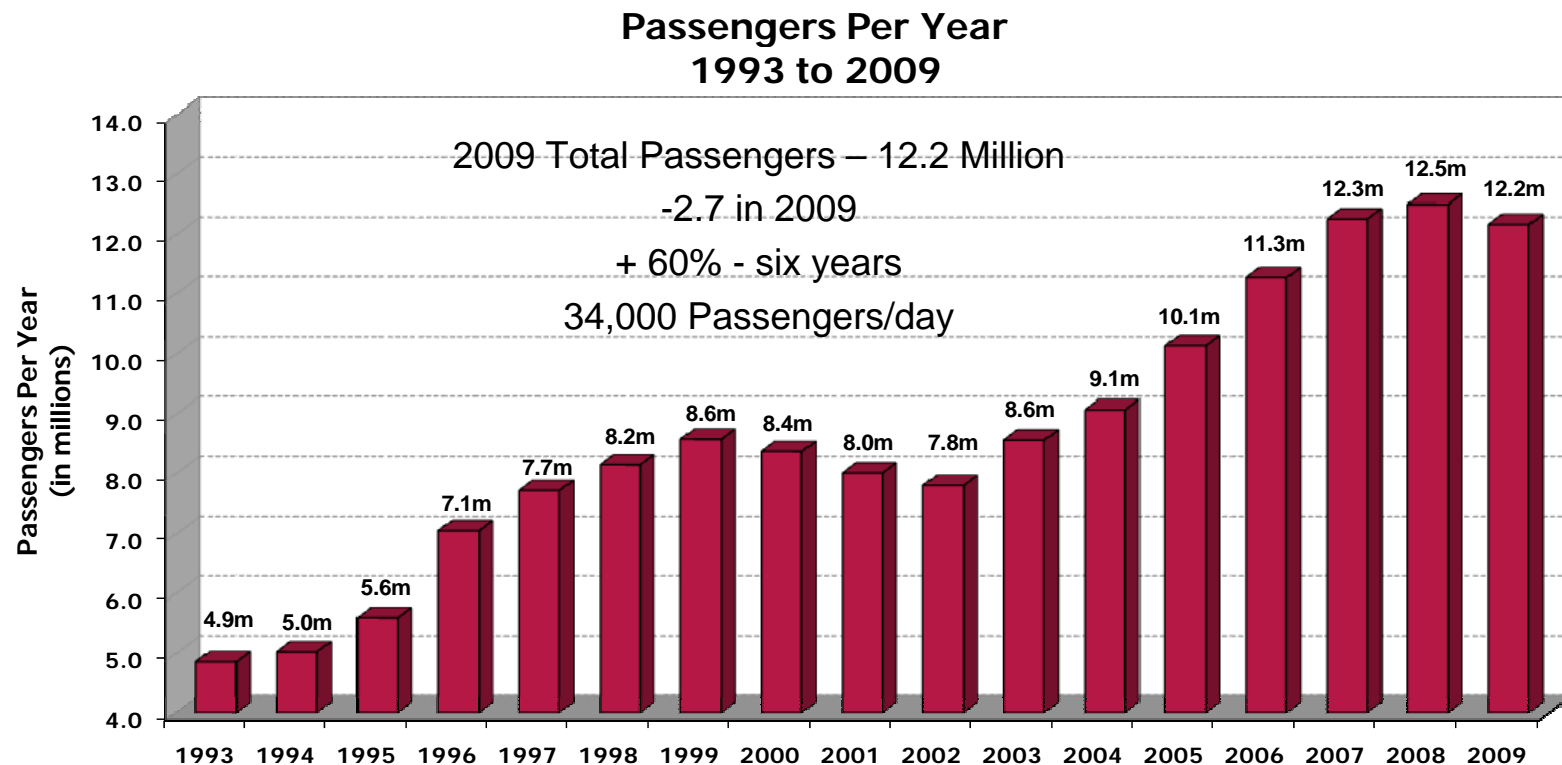


- Two airports transferred: YYC– 1992 & YBW– 1997
 - Authority is a non-share capital corporation
 - ✓ To manage and operate the airports for which we are responsible in a safe, secure and efficient manner
 - ✓ To advance economic and community development by means that include promoting and encouraging improved airline and transportation service and an expanded aviation industry
 - All \$\$ reinvested back into airport facility restoration and improvements (YYC/YBW)
 - The Authority has invested over \$1.15B into YYC and paid over \$330M in airport rent since 1992
 - Airport Rent – largest single expense
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2. Why Do We Need A New Runway?



2010/02/17



Economic Impact of YYC...

- Hub for world class carriers– WestJet head quarters, Air Canada, KLM, Lufthansa, British Airways
- 162,000 aircraft movements per year
- 111,000 tonnes cargo
- \$6B value added GDP

Passenger Activity (2011)

Total Passengers – 12.7 Million

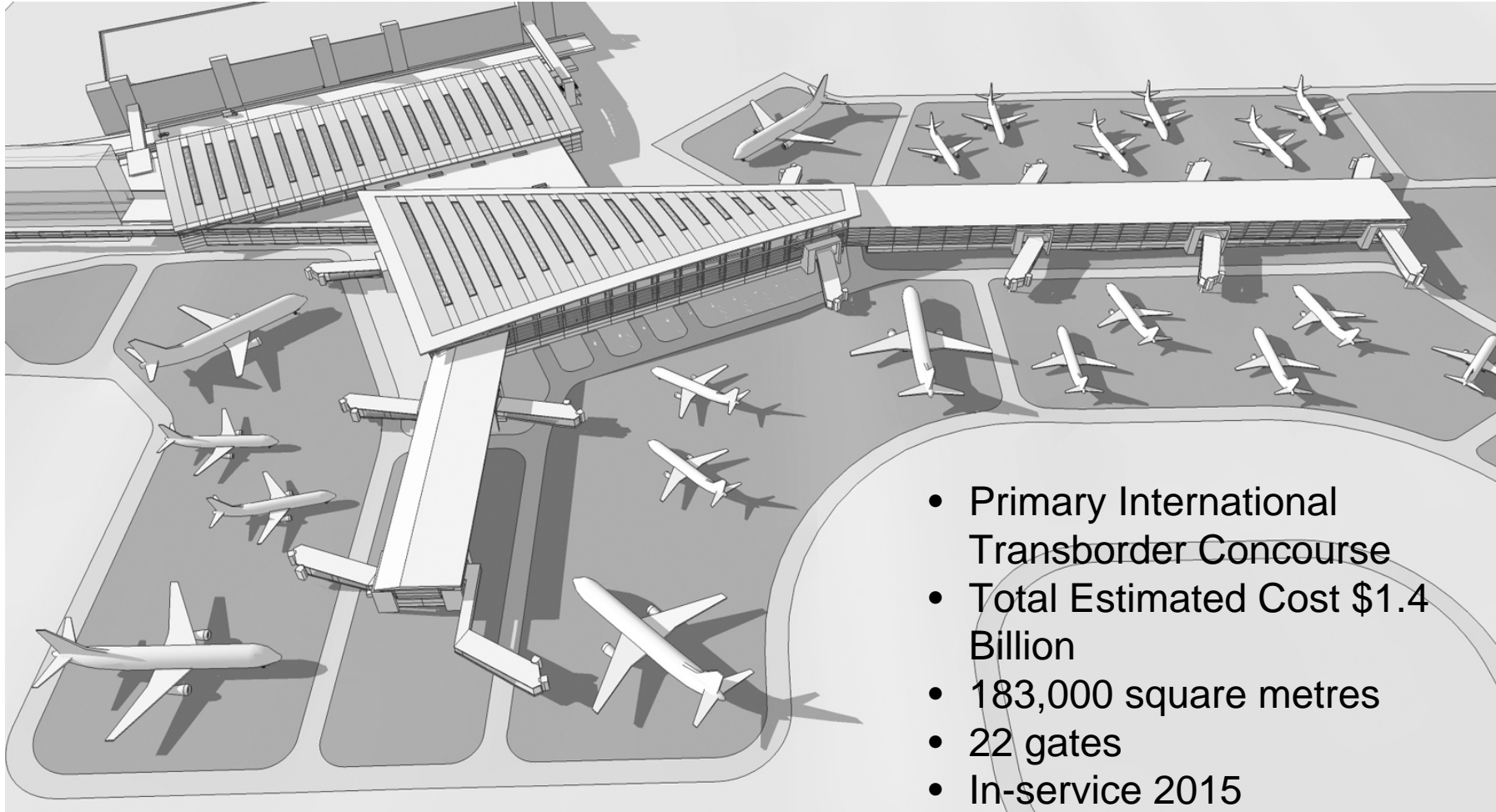
35,000 Passengers/day

Two Major Projects

- International Facilities Project (IFP)
- Runway Development Project (RDP)







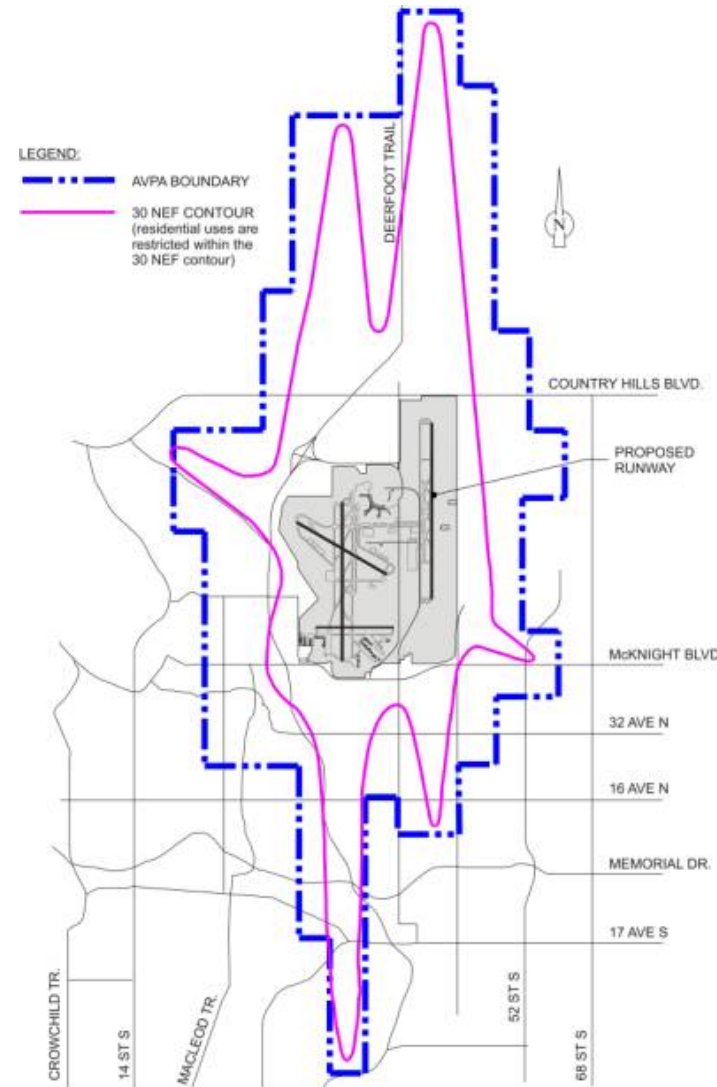
- Primary International Transborder Concourse
- Total Estimated Cost \$1.4 Billion
- 183,000 square metres
- 22 gates
- In-service 2015

3. Planning

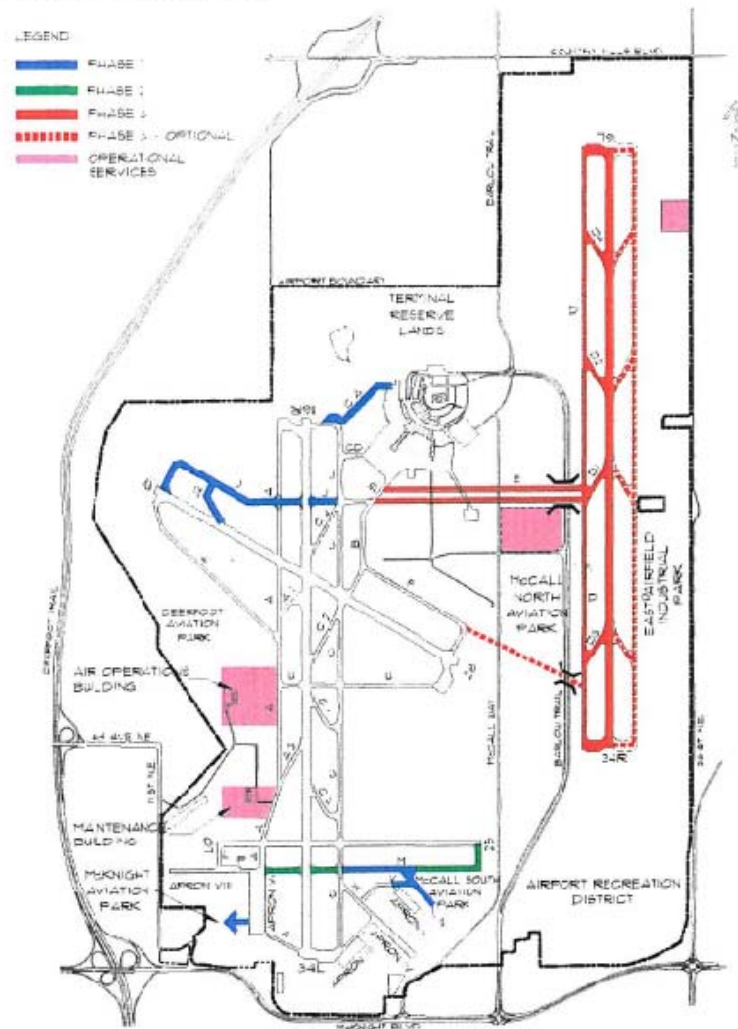


History

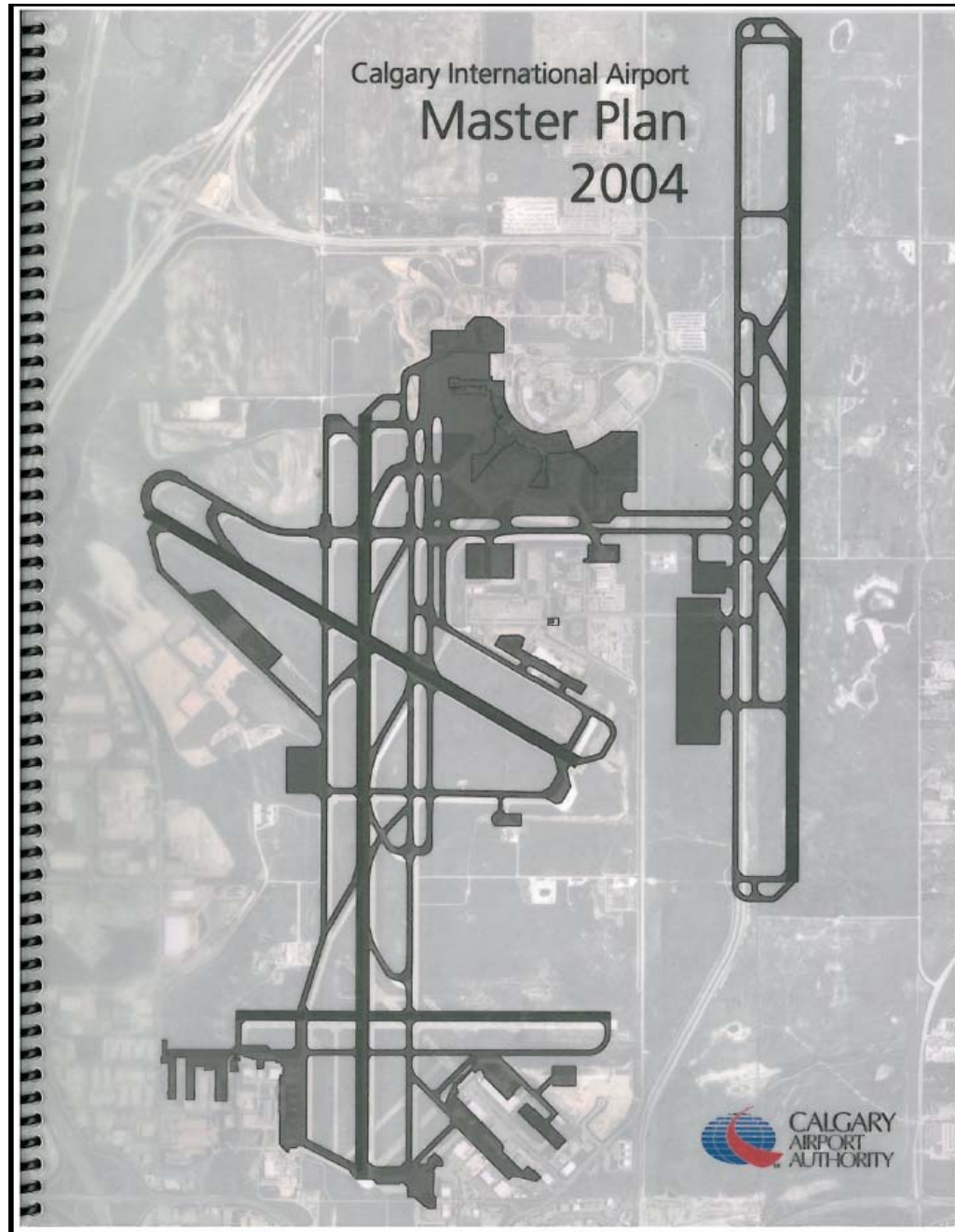
- Location
- Airport Vicinity Protection Area (AVPA) Regulation



Runway & Taxiway Development



- Runway identified and land reserved back in 1970's.
- Federally Registered Airport Zoning in place since 1977.
- AVPA – Provincial Airport Vicinity Protection Area Regulation in place since 1979 – regulation of land use and heights.
- YYC Master Plans have shown same alignment and thresholds for 14000ft runway.



4. Implementation



Studies: 2004 - 2008

- Airport Master Plan (2004)
 - **Parallel Runway Implementation Study (2005)**
 - Demand / Capacity Analysis (2006 – 2009)
 - Calgary Region Airport Systems Study (2008)
 - Communications Plan (2008)
 - Wetlands Strategy (2008)
 - **Engineering & Construction Feasibility Report (2008)**
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- **1st step – 2009 – EA and prelim design**
 - **EA complete / endorsed by Board Nov 2010**
 - **Prelim design / cost estimate Aug 2010**
- **May 2014 completion and commencement of operation**
- **TEC \$620M (includes CDF)**

Summary

Volume I



AECOM

Information Necessary to Complete
the Environmental Assessment

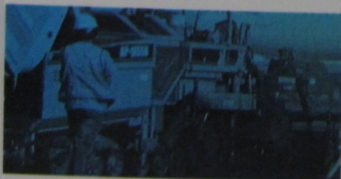
Volume II



AECOM

Effects Assessment

Volume III



AECOM

Supporting information to Volume II

Volume IV



AECOM

Supporting information to Volume III

Volume V.1



AECOM

Supporting information to Volume III

Volume V.2

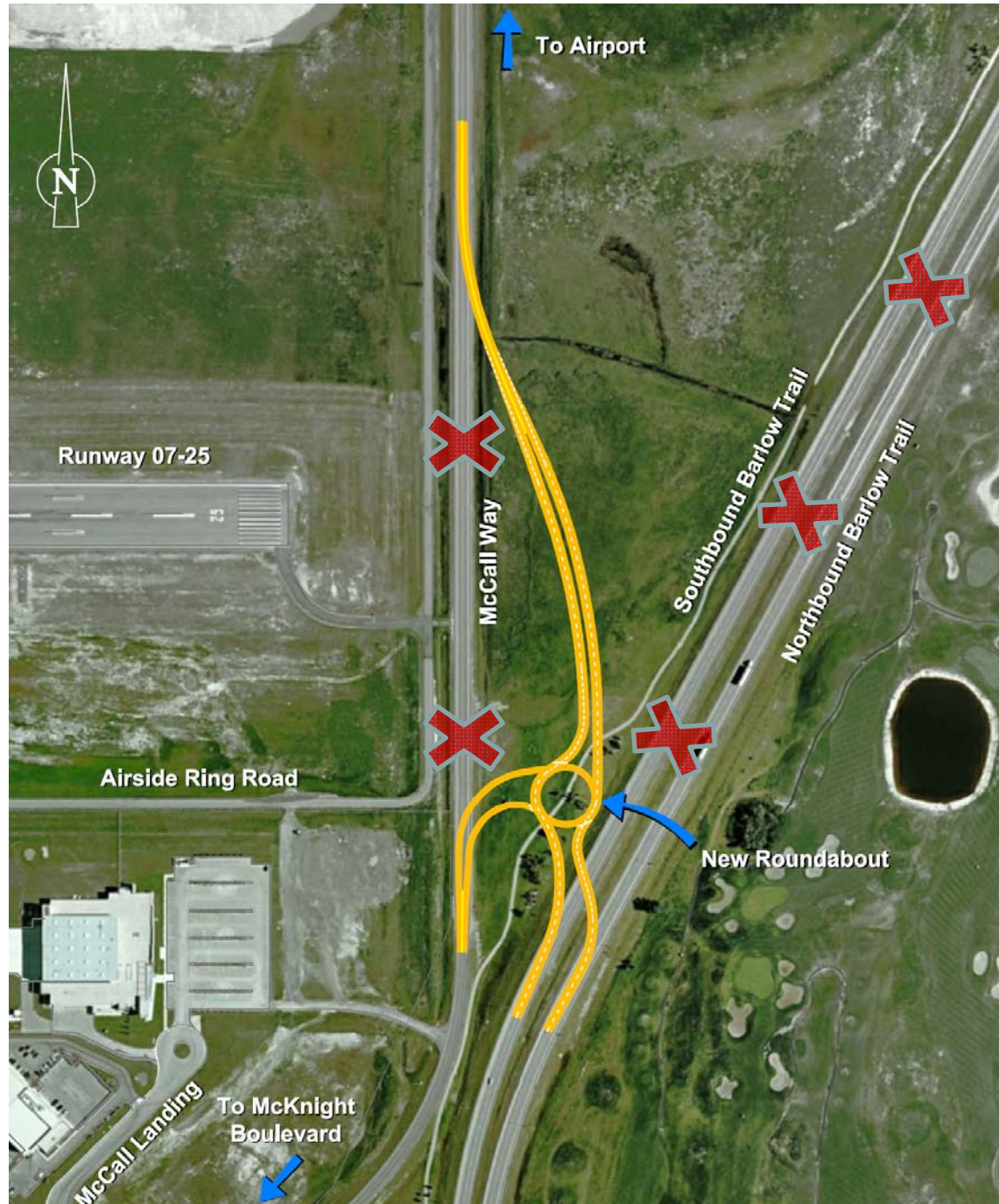


AECOM

Enabling Works

- Road Upgrades
 - Work Package 1 – Site Preparation – completed, tendered, and constructed – Bluebird Constr.- 2010/11
 - Private Utility Relocations – 2010/2011
 - Telus
 - Enmax
 - ATCO Pipeline / ATCO Gas
 - Shaw Cable
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Barlow Trail closure





Site Preparation –
demolition, relocation



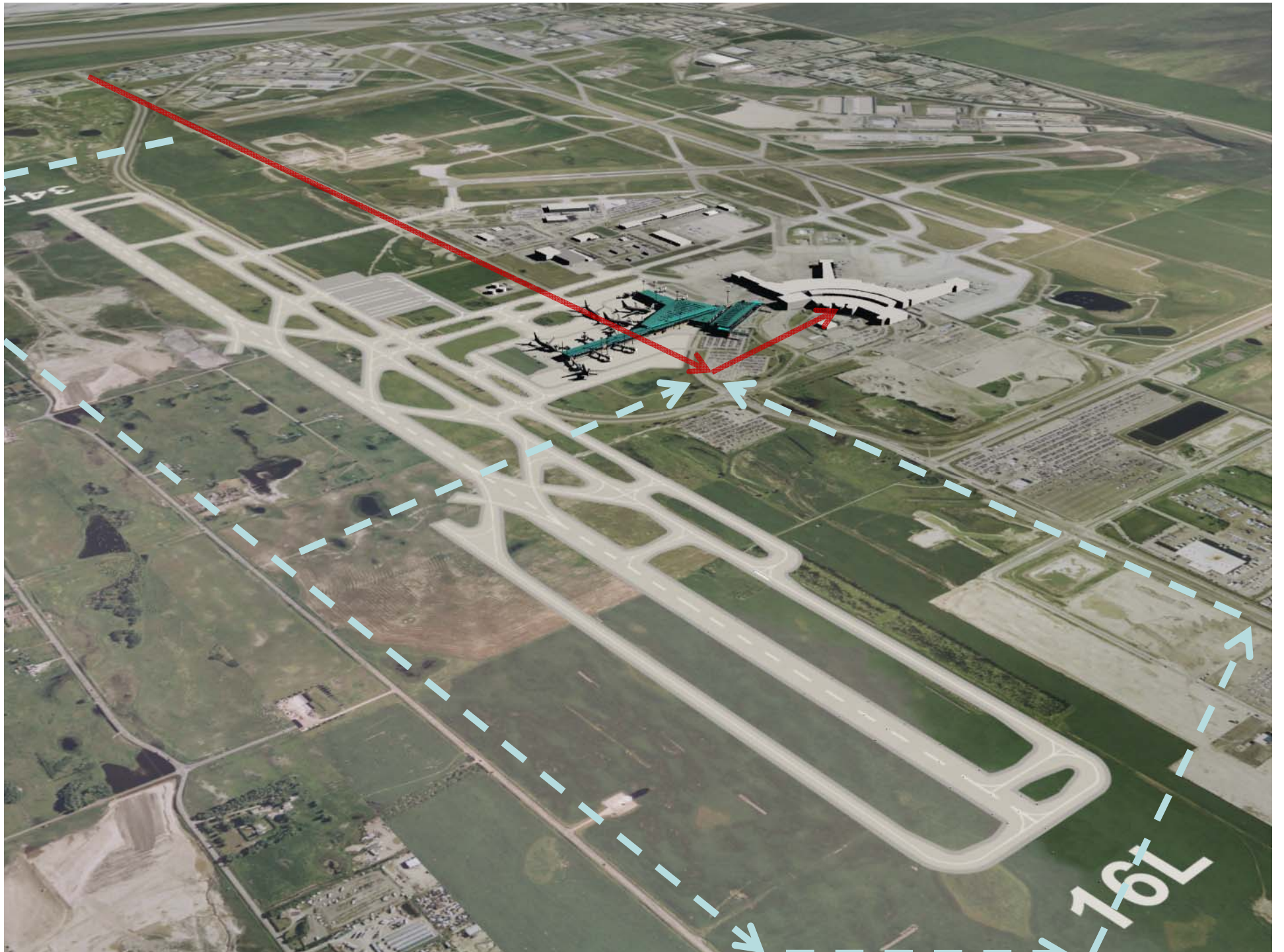
Tree Relocation - on-site



Tree mulching – (all
reused off-site)



Site Preparation - removals





The Authority

Executive / Board of Directors

Peter Rudolf / Joe McNeil – RDP Program
Director

Sig Undheim – RDP General Manager

Melyssa Trnavskis – RDP Project Manager

External Stakeholders

Airlines, Transport Canada

NAV CANADA

City of Calgary, others...

YYC Internal Stakeholders

AECOM – Program Managers

Barry Hawkins - Program Manager

AECOM support

Airbiz, HMM, Hanscomb

Associated Engineering / CH2M Hill

Prime Consultant (engineer of
record)

PCL / Parsons / Dufferin, A Joint Venture

Construction Manager

QUESTIONS...?