

**YLW**

Kelowna International Airport



# Master Plan 2045 Presentation to City Council

Nov. 21, 2016

# Master Plan 2045 Timeline and Process

## Three-phase Approach

Preliminary Master  
Plan Development

Key Stakeholder  
Consultations

MAR – JULY 2015

Detailed Master  
Plan Development

Key Stakeholder and  
Public Consultations

JULY 2015 – SUMMER 2016

Final Master  
Plan Development

Finalize All Consultations  
and Issue Consultation  
Summary Report

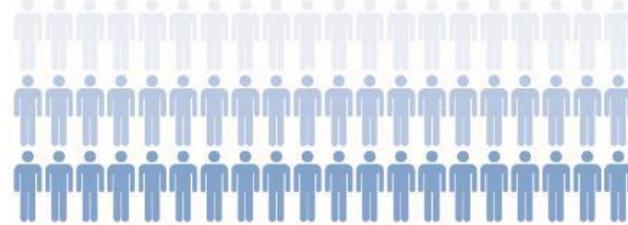
SUMMER 2016 – NOV 2016



# Stakeholder and Public Consultation Outreach Summary

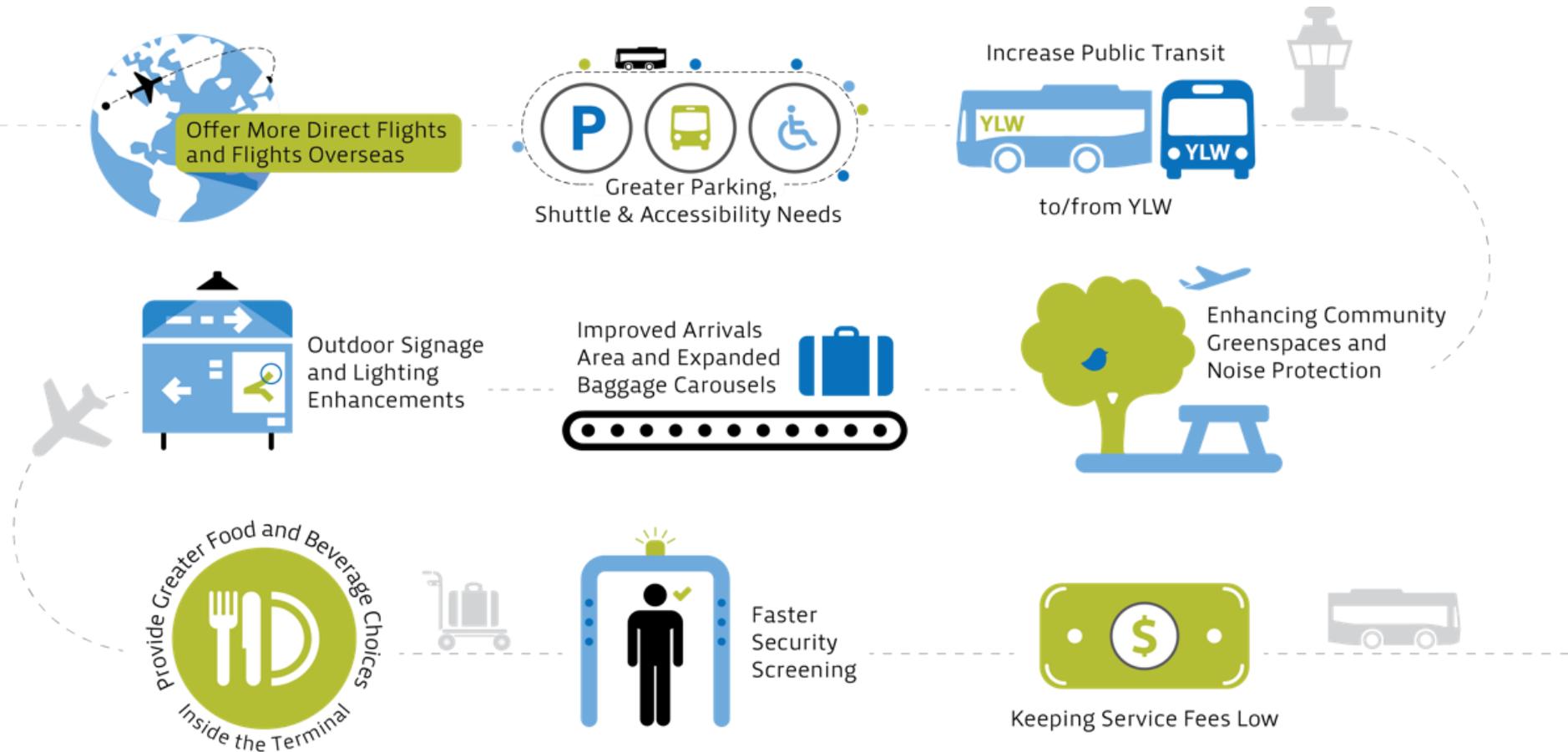
- ▶ Over 45 workshops and presentations with key Stakeholders
- ▶ Two public Open Houses
- ▶ Print, digital and social media awareness and engagement
- ▶ Over 10,600 hits on the Master Plan webpage
- ▶ Over 300 surveys completed

Over  
**45** Workshops and Presentations  
**Completed**



Over  
**300**  Feedback Forms Received

# Stakeholder and Public Consultation Feedback Priorities



# Key Findings

## Master Plan Findings

YLW's current development strategy remains valid



YLW generates significant direct economic impacts over **1,400 jobs** and a GDP of **\$152 million**



Passenger traffic is forecast to increase from **1.6 to 3.5 million** passengers by 2045

Aircraft movements are forecast to **increase by approximately 50%** - most will come from air carriers



**Amendment to the Current Official Community Plan** (OCP) will be required



**New aerodrome regulations** will impact planning

**Future runway extension required** to serve new international markets



Apron will require **five new remote aircraft parking stands** and **one new terminal gate stand** by 2045



Air terminal building will require an **expanded departure lounge** and **baggage claim** areas

Current access, roadways and parking require **reconfiguration and expansion**



**Greater commercial opportunities** (on YLW land) for commercial development are required



**Additional land** (off YLW property) is required

# Highlights of YLW Master Plan 2045

## Preliminary Capital Investment

- ▶ Short to medium-term investments needed to build Master Plan 2045 recommendations estimated at \$259 million (order-of-magnitude)
  - ▶ Investments subject to traffic growth and economic well-being of Airport
  - ▶ Detailed design phase for each recommendation will refine investment needs

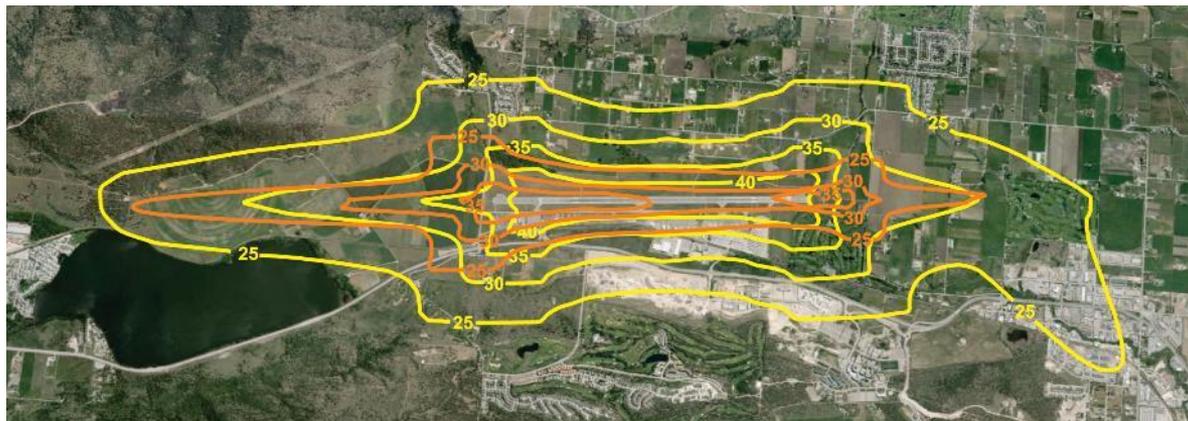
# Highlights of Master Plan 2045

## Noise Exposure

### ▶ 2025 Noise Exposure Forecast



### ▶ 2045 Noise Exposure Forecast



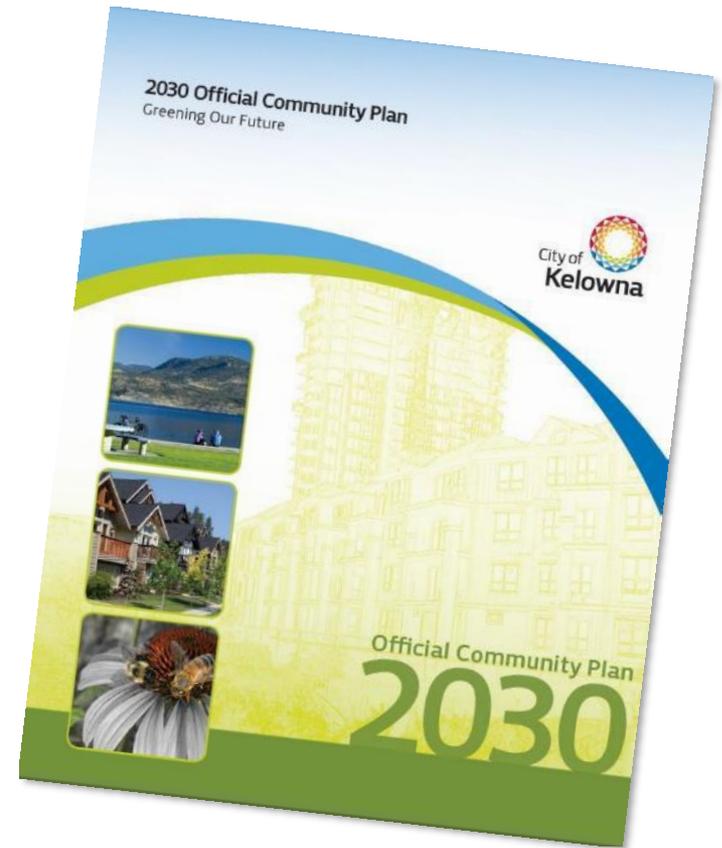
— 2045 Noise Exposure Forecast - Most Demanding Expansion Scenario

— 2025 Noise Exposure Forecast - Prepared for Master Plan 2025

# Highlights of YLW Master Plan 2045

## ▶ Kelowna 2030 Official Community Plan (OCP)

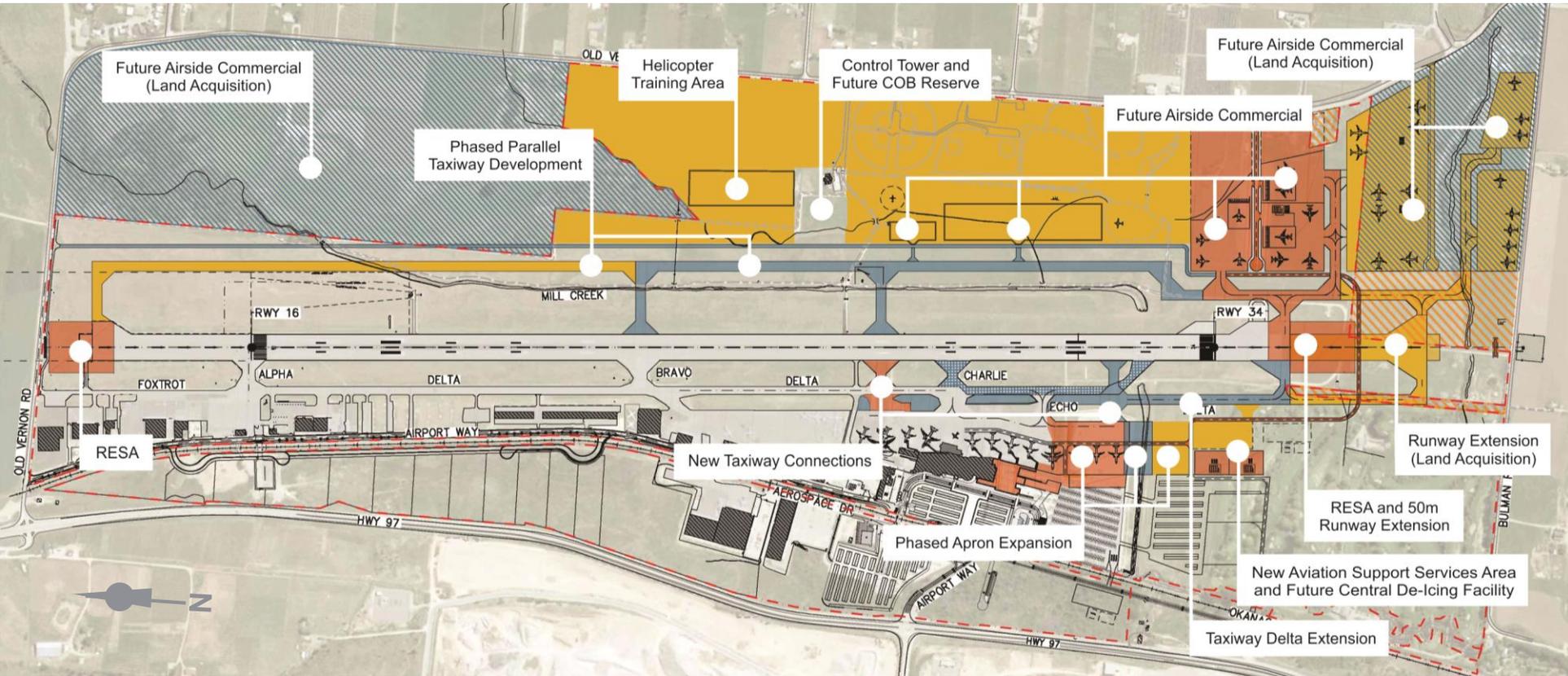
- ▶ Maintain existing land use protections around YLW
- ▶ Align current OCP to YLW wildlife protection and habitat objectives
- ▶ Request removal of lands situated within YLW boundaries from ALR
- ▶ Incorporate future YLW Aeronautical Zoning requirements



# Highlights of YLW Master Plan 2045



## Airside Infrastructure



Short-term (2016-2025)

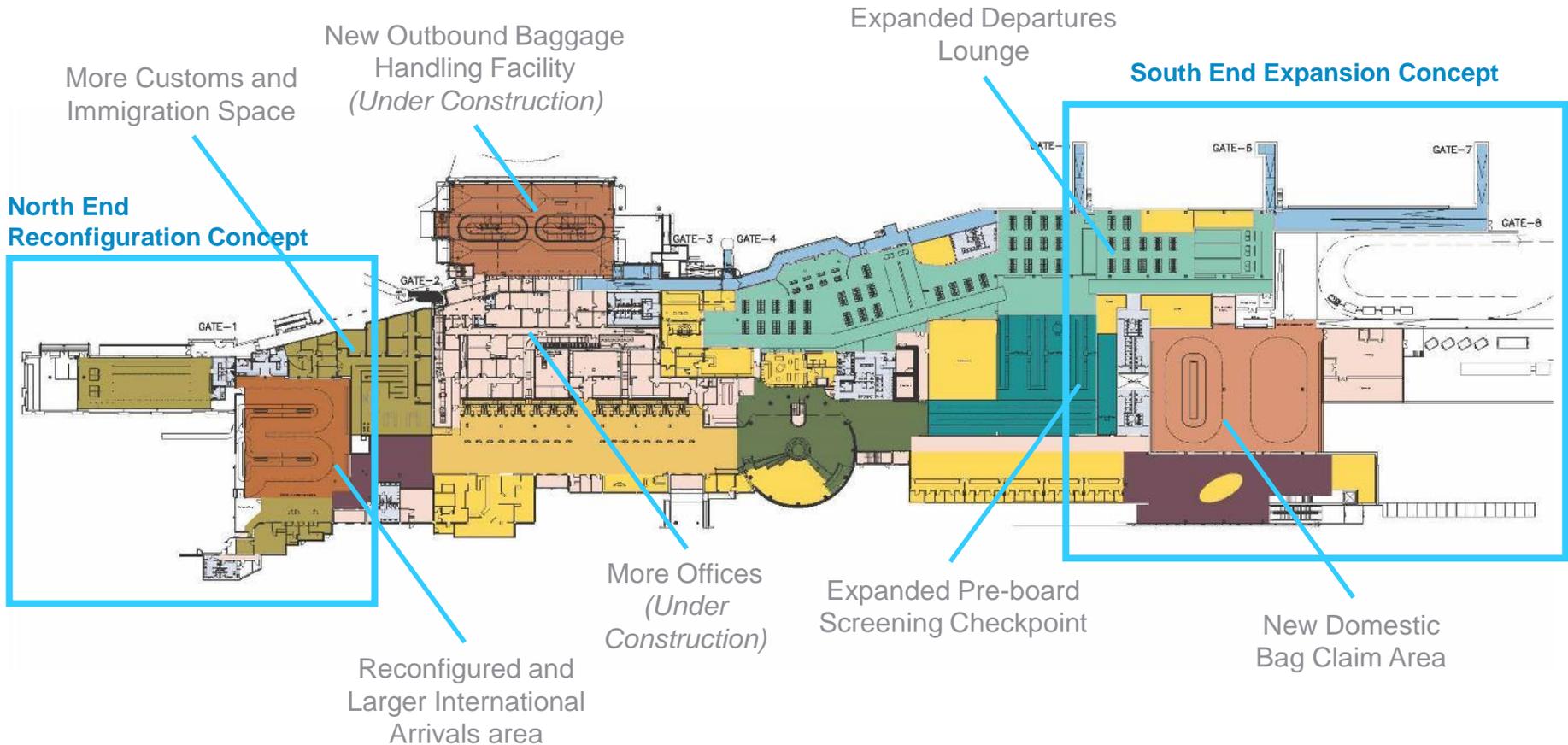
Medium-term (2026-2035)

Long-term (2036-2045)

# Highlights of YLW Master Plan 2045



## Air Terminal Building

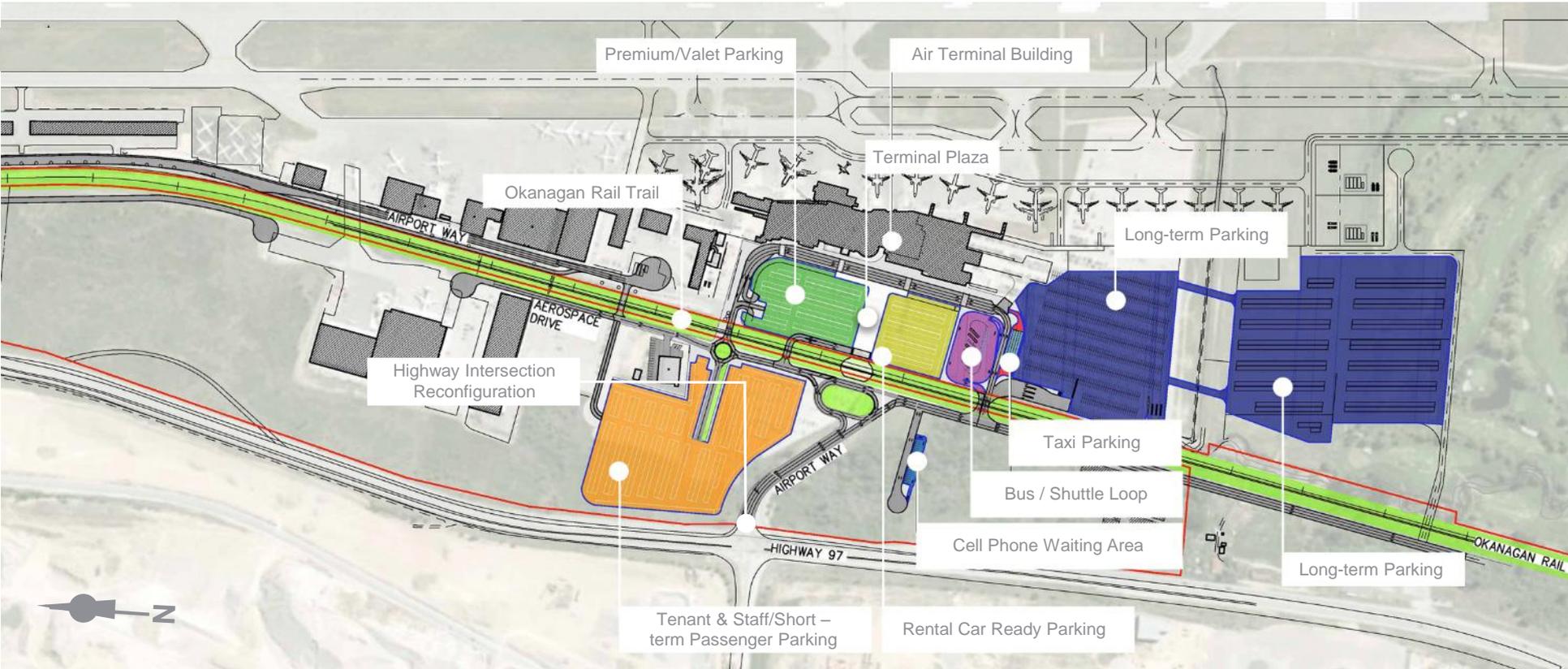


# Highlights of YLW Master Plan 2045



## Access Roads and Parking

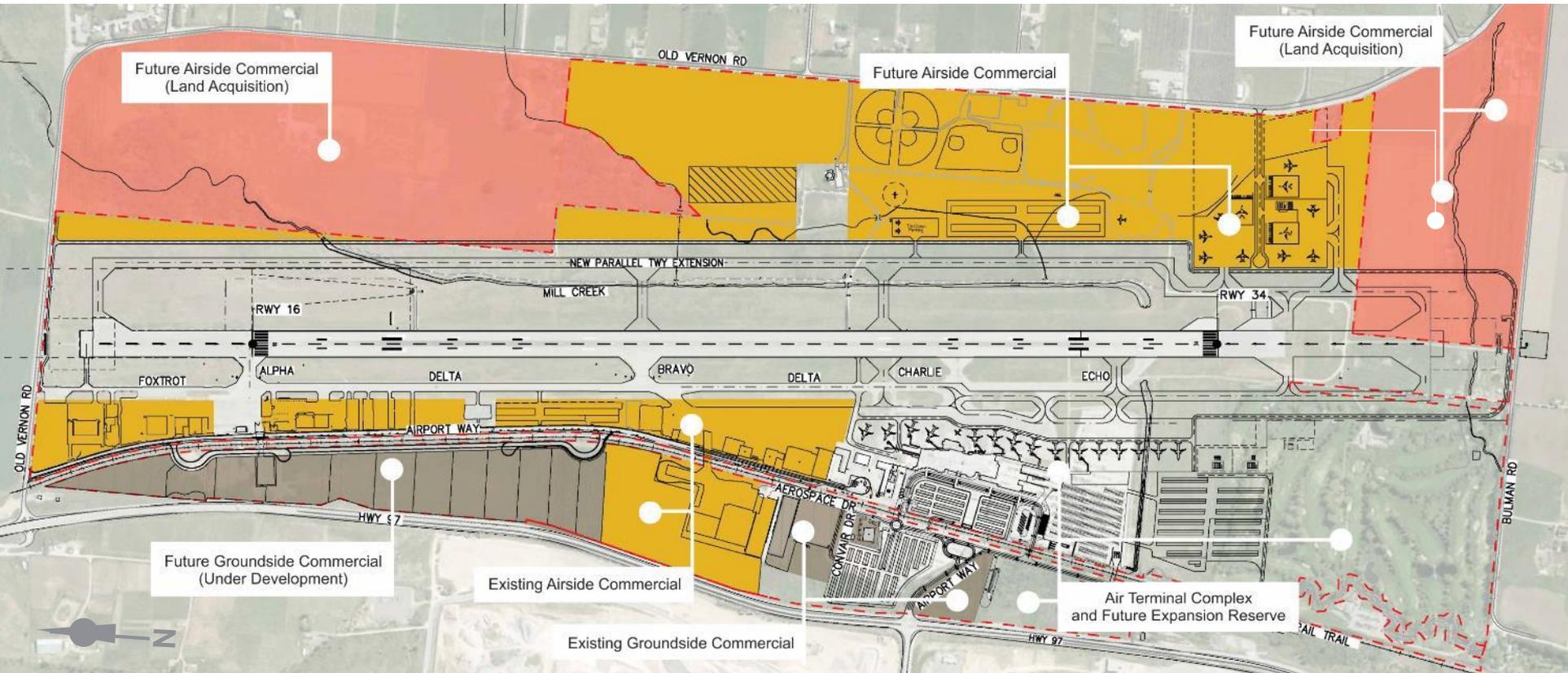
Source: Airbiz and SNC-Lavalin, 2016



# Highlights of YLW Master Plan 2045



## Commercial Land Development



# Recommendations to City Council

- ▶ THAT Council approves the Kelowna International Airport 2045 Master Plan in the form attached to the Report of the Airport Director dated Nov. 21, 2016.
- ▶ AND THAT Council directs staff to bring forward the amendments to the Kelowna 2030 - Official Community Plan Bylaw No. 10500 needed to implement the outcomes of the Airport 2045 Master Plan, as identified in Appendix A to the Report of the Airport Director, dated Nov. 21, 2016.



*Questions?*

For more information, visit [ylw.kelowna.ca](http://ylw.kelowna.ca).