Regional Transit and Processing Centre

Concept Development

Nelson Oliveira
June 12, 2018
GTAA Consultative Committee
GROWTH AND CONGESTION

1 million car trips every day

25-35% increase in driving time by 2043
2nd LARGEST EMPLOYMENT ZONE

300,000 jobs
Less than 10% of passengers at YYZ take public transit.

- 36% London Heathrow
- 40% Amsterdam Schiphol
- 50% Hong Kong Kai Tek
- 60% Shanghai Pudong
CONNECTIVITY
PRECEDEMENTS - Frankfurt
PRECEDEENTS - London
Anaheim Regional Transportation Intermodal Center (ARTIC)
IN Q1 of 2018, through a publicly tendered RFP, GTAA retained the services of HOK to develop a Concept Design for the RTPC.
HOK Aviation + Transportation Experience

Hamad International Airport
HOK Aviation + Transportation Experience

Salt Lake City International Airport
HOK Mandate

Develop a **Concept Design** for the RTPC that incorporates:

- Ability to process 85 million passengers with strategy to grow in the future
- Flexibility to accommodate all contemplated transit lines, and expanded bus service
- Automated people movement
- Reimagining of road networks
- Required relocation of Utilities
- Ability to phase development
Next Steps

Q4 2018: Planning Approach Development

- Blocking and Stacking of RTCP Elements
  - Arrivals Hall
  - Check-in
  - Automated People Mover (APM)
  - Parking
  - Approach roads
  - Etc...

Q3 2019: Concept & Budget Development

- Refinement of selected Planning Approach
  - Site and Exterior Concept
  - Passenger and Baggage Flows
  - Passenger Experience
  - APM technology and station concept
  - Retail concept
  - Phasing Strategy
  - Estimate of Cost