

Regional Transit and Processing Centre

Concept Development

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GTAA Consultative Committee

GROWTH AND CONGESTION



Toronto Pearson



1 million car trips every day

25-35% increase in driving time by 2043

2nd LARGEST EMPLOYMENT ZONE



Toronto Pearson



300,000 jobs

MODE SHARE



Toronto Pearson

Less than
10% of passengers
at YYZ take
public transit



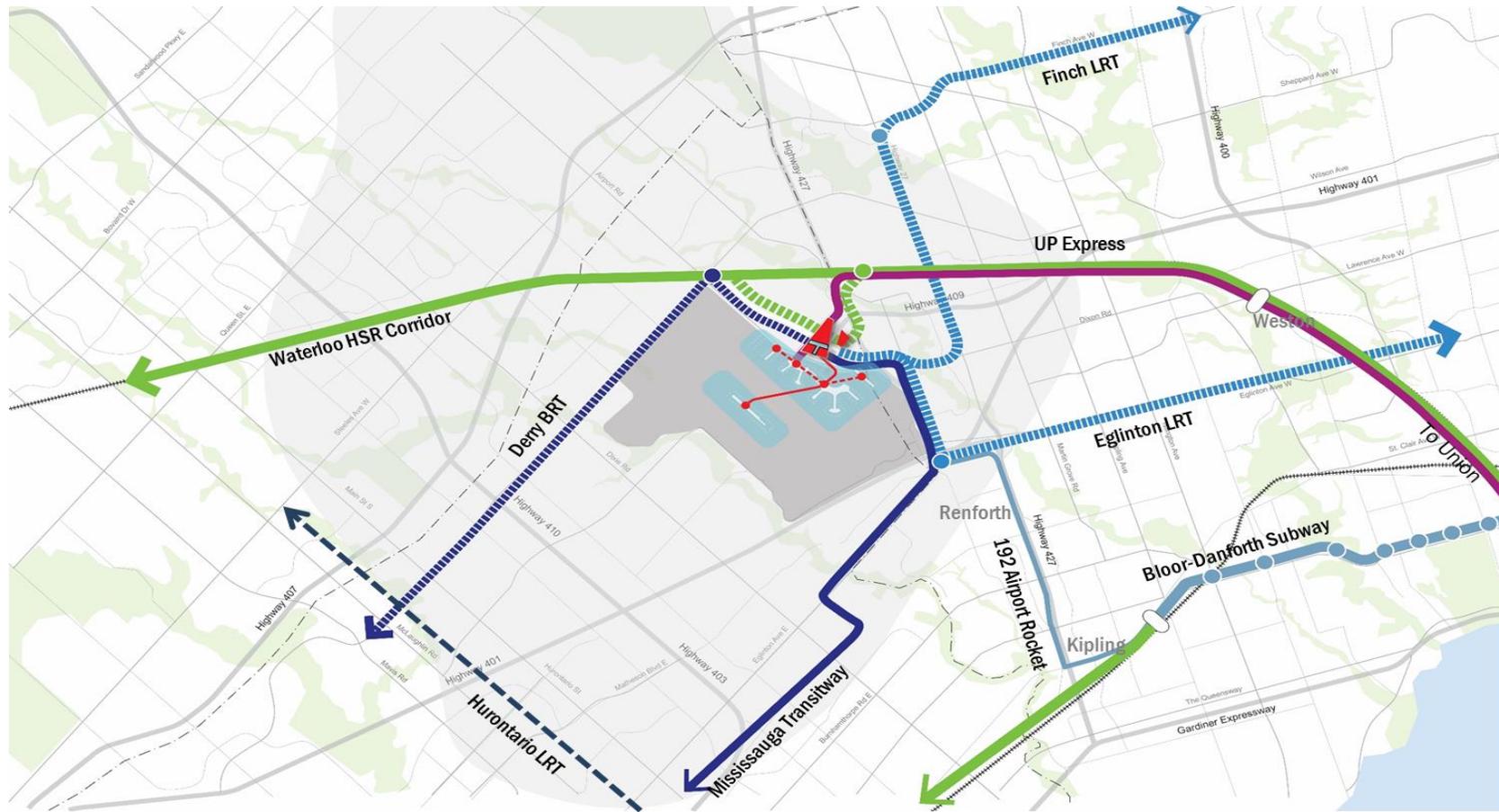
36%
London
Heathrow

40%
Amsterdam
Schiphol

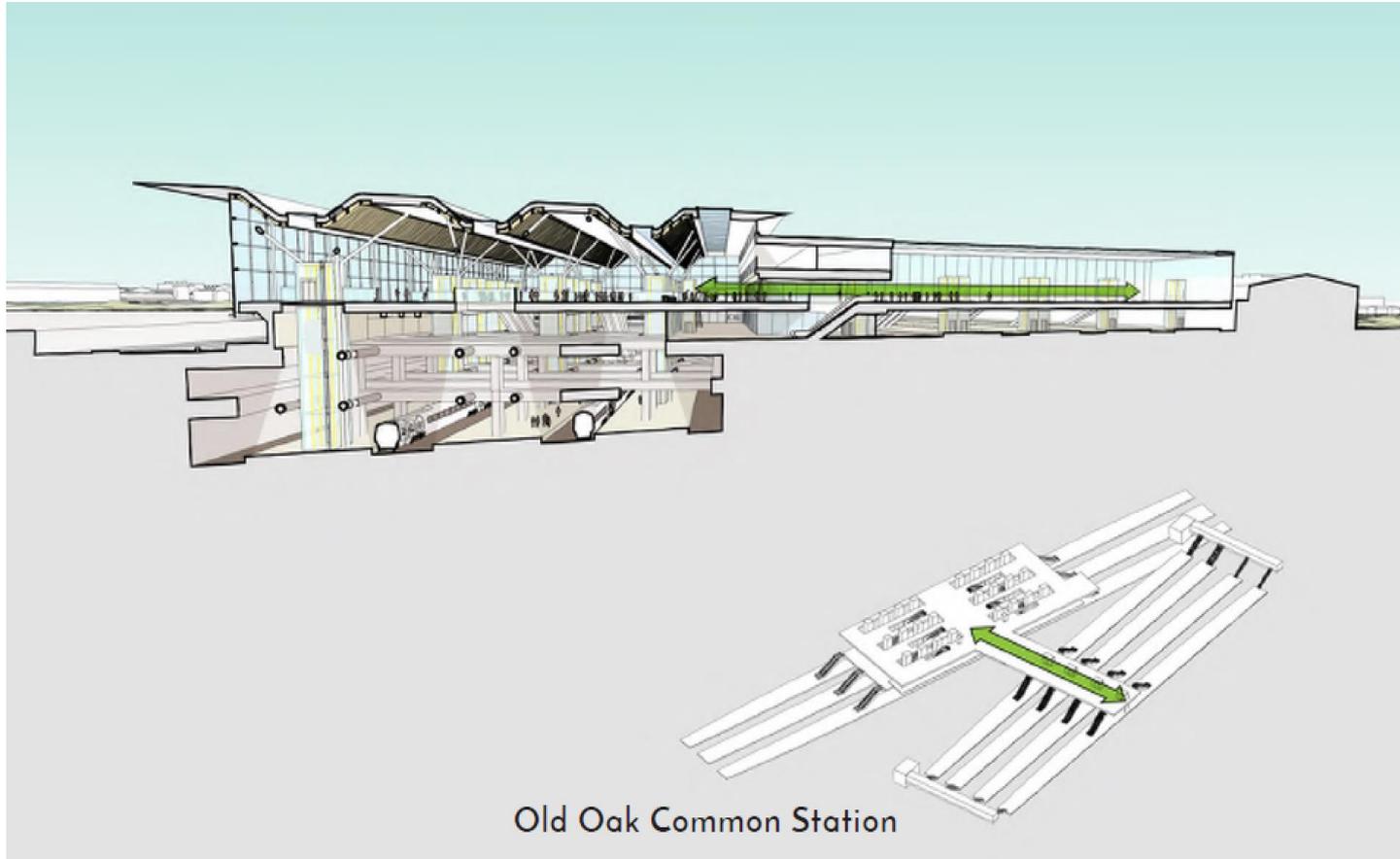
50%
Hong Kong
Kai Tek

60%
Shanghai
Pudong

CONNECTIVITY



PRECEDENTS - London



Old Oak Common Station

PRECEDENTS



Toronto Pearson



Anaheim Regional Transportation Intermodal Center (ARTIC)

GTAA RTPC Concept Design Team



IN Q1 of 2018, through a publicly tendered RFP, GTAA retained the services of HOK to develop a Concept Design for the RTPC.



WestonWilliamson+Partners



HOK Aviation + Transportation Experience



LaGuardia Airport Terminal B

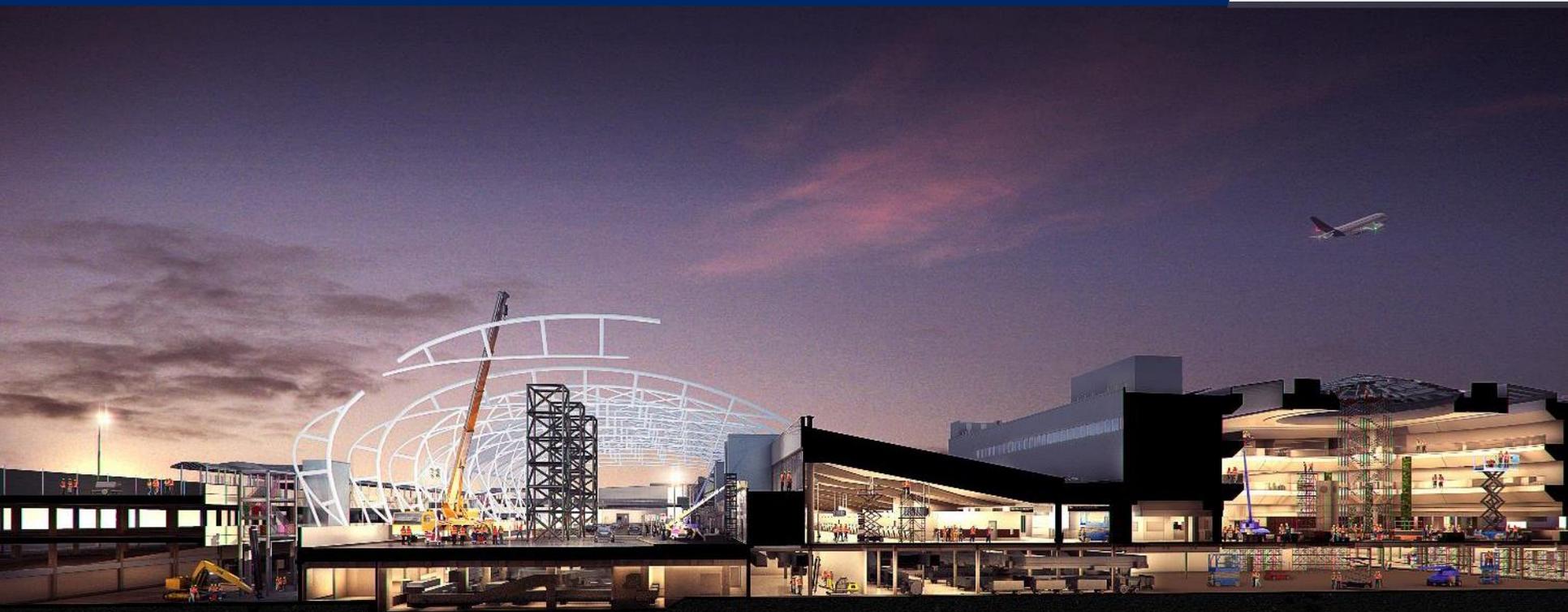
HOK Aviation + Transportation Experience



Hamad International Airport



HOK Aviation + Transportation Experience



Hartsfield-Jackson Atlanta International Airport

HOK Aviation + Transportation Experience



Salt Lake City International Airport

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