

13th National Light Rail and Streetcars Conference LRT & Streetcar Developments in Canada

Seamless Mobility: The Design of Interchange Stations on the new Eglinton Crosstown LRT line in Toronto

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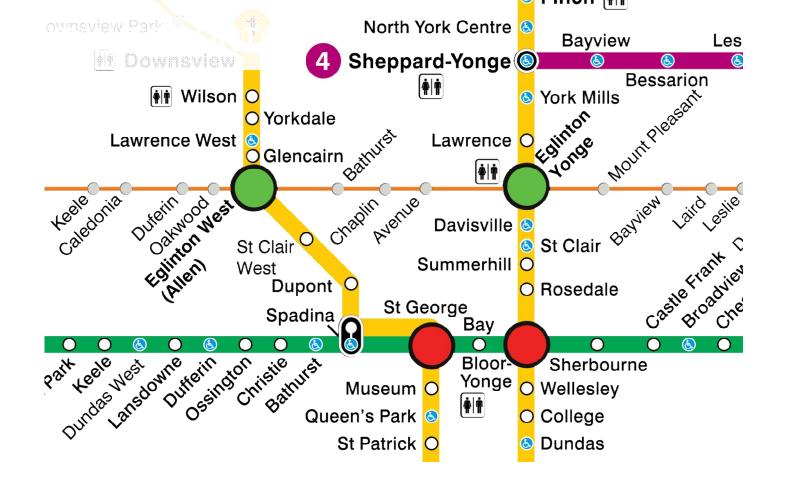
AGENDA

Transit in Toronto

Seamless Mobility and the Passenger Experience

- Eglinton West (Allen) Interchange Station Reference Concept Design and P3 Pursuit Layout Options and Passenger Modelling
- Eglinton Yonge Interchange Station
 Reference Concept Design and P3 Pursuit
 Layout Options and Passenger Modelling





EGLINTON WEST (ALLEN) INTERCHANGE STATION

Station Outline

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EGLINTON WEST SUBWAY STATION

ew of Station from Allen Road Northbound on-ramp

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EGLINTON WEST SUBWAY STATION

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EGLINTON WEST

Station Cast-in-place Cor

EGLINTON WEST SUBWAY ST

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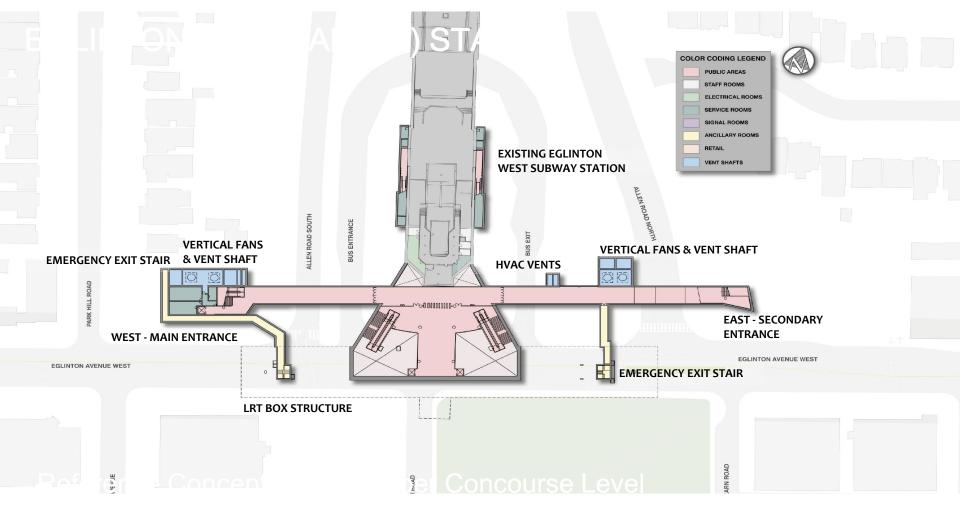
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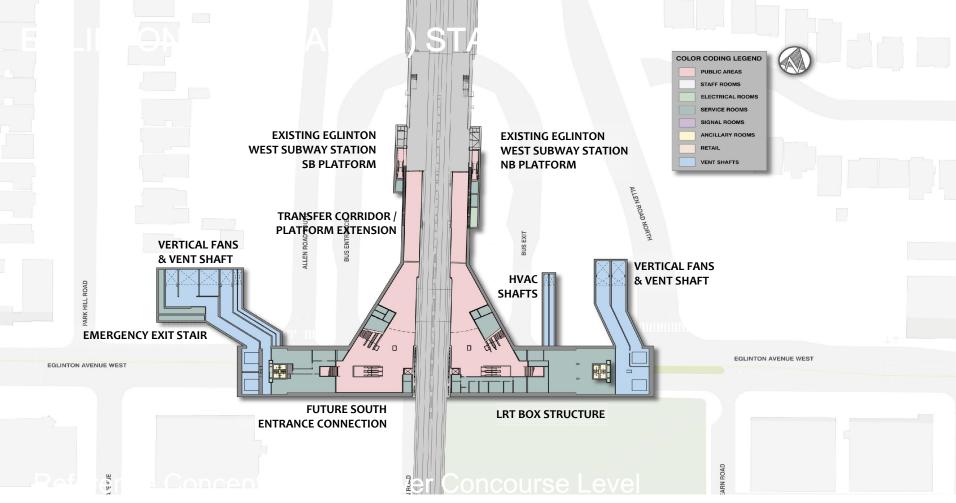
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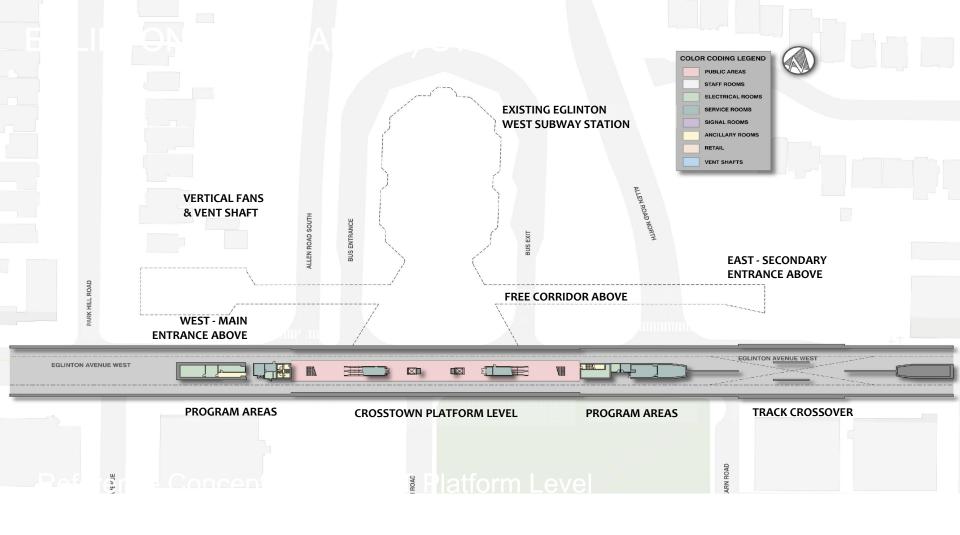
AVENUE

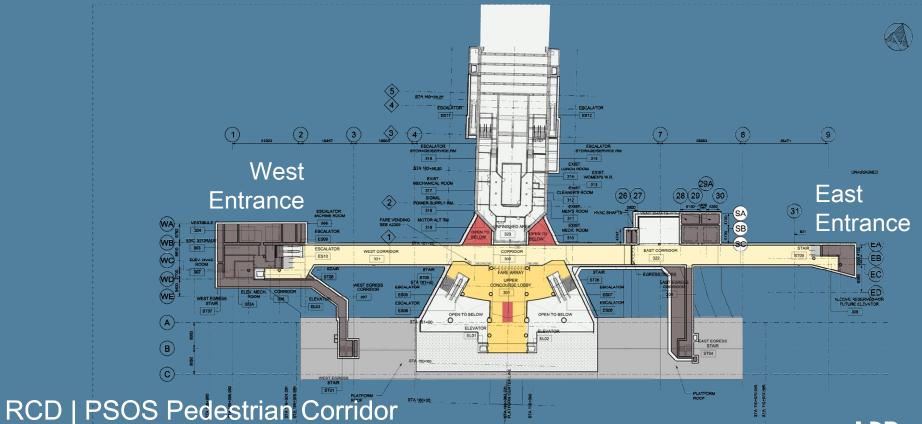
Station Fare Line and Arrival Hall



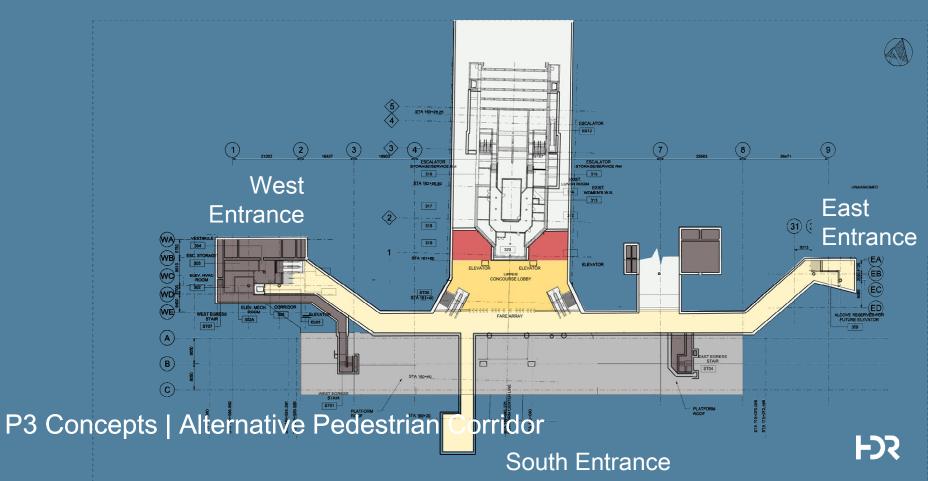


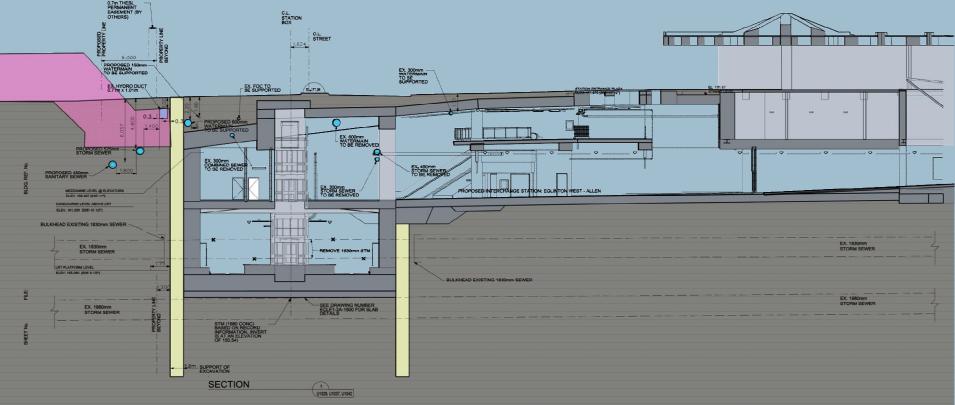






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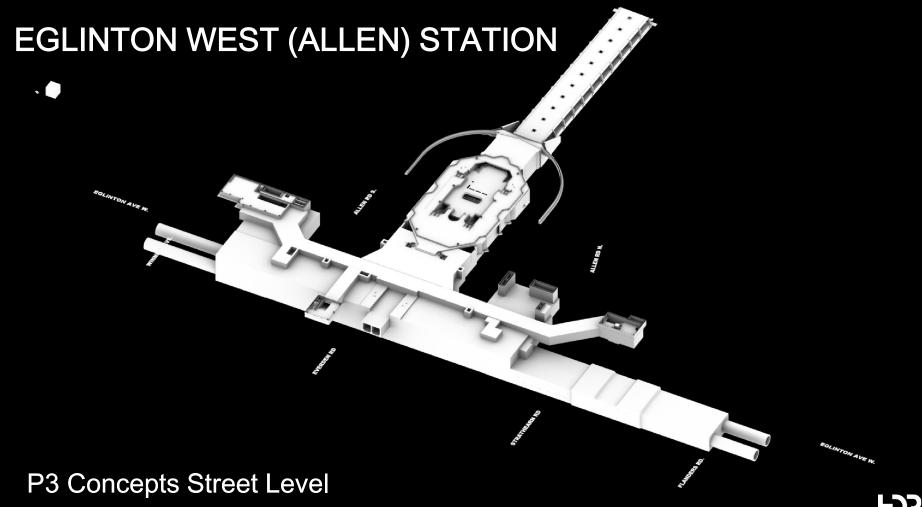
North South Section Through Subway Station

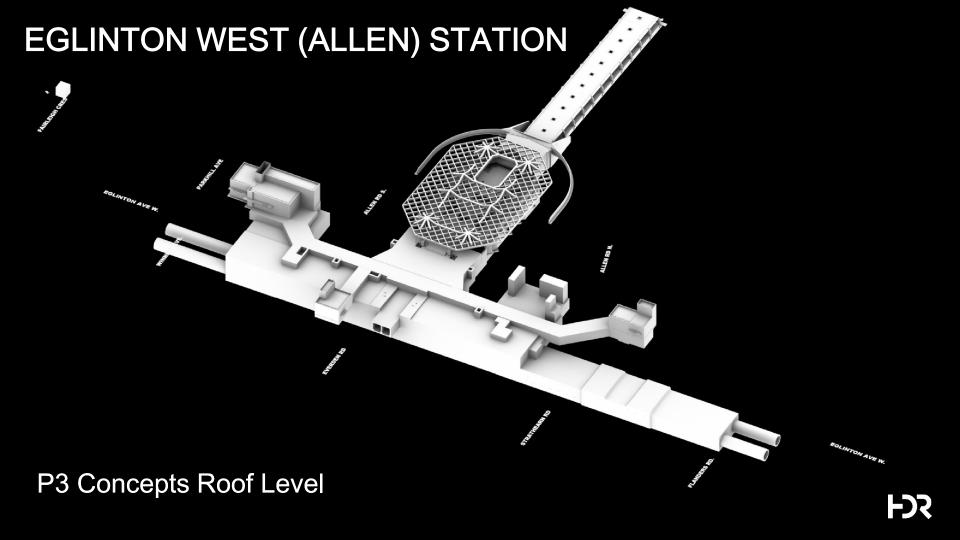
P3 Concepts LRT Lower Concourse | TTC Platform Level

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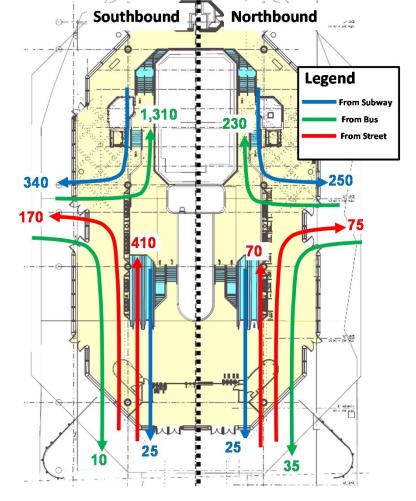
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P3 Concepts LRT Upper Concourse Level

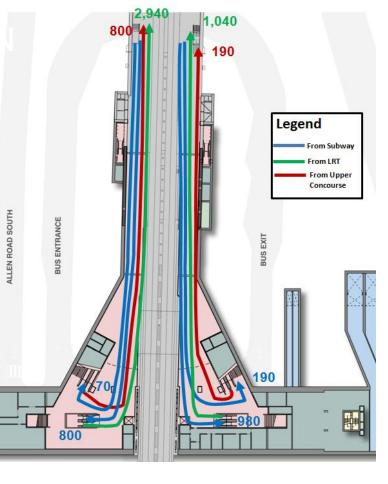


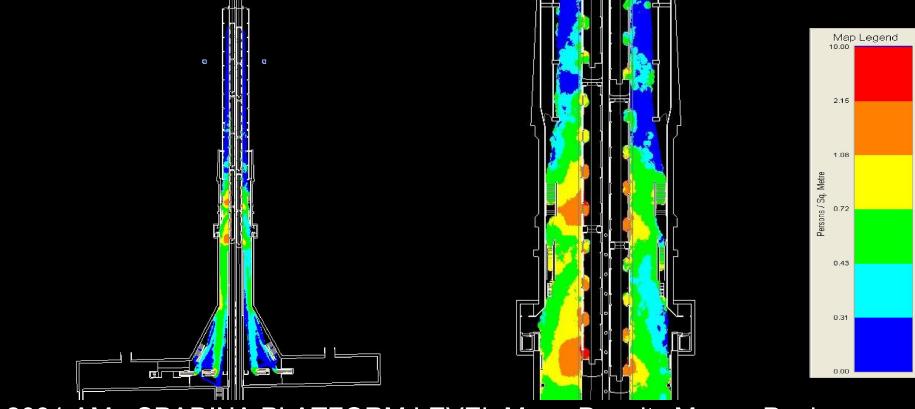


2010 AM	Bus	NB Subway	SB Subway	Walk Out	Total
Bus		230	1,310	40	1,580
NB Subway	245			25	270
SB Subway	340			25	365
Walk In	245	70	410		725
Total	830	300	1,720	90	2,940



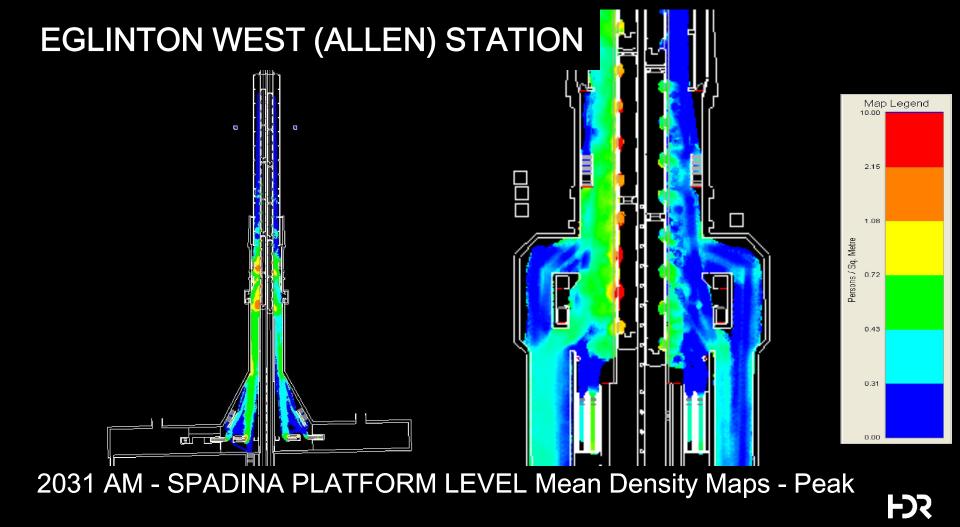
2051 AM	Bus	NB Subway	SB Subway	EB LRT	WB LRT	Walk Out	Total
Bus		110	350	120	10	20	610
NB Subway	30			450	530	190	1,200
SB Subway	70			610	190	70	940
EB LRT	0	410	2,130			120	2,660
WB LRT	10	630	810			160	1,610
Walk In	20	190	800	310	130		1,450
Total	130	1,340	4,090	1,490	860	560	8,470





2031 AM - SPADINA PLATFORM LEVEL Mean Density Maps - Peak

FX









EGLINTON YONGE INTERCHANGE STATION

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EGLINTON YONGE INTERCHANGE STATION

North View of Station from Yonge Street

EGLINTON YONGE INTERCHANGE STATION

Subway Station Upper Concourse and Fare Line



EGLINTON YONGE INTERCHANGES

THE ROAD AND

Interchange Station Outline

ONGE STREET

STREET

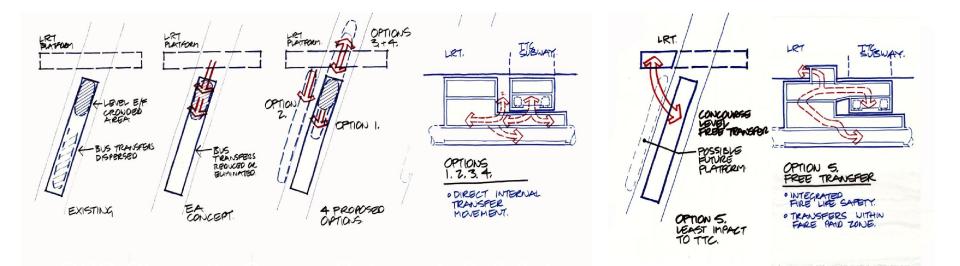
FARE

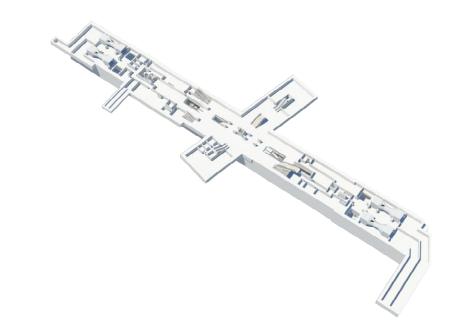
PAID AREA 8. 15 EQUITON AVENUE EAST DEVELOPMENT

MCOURS

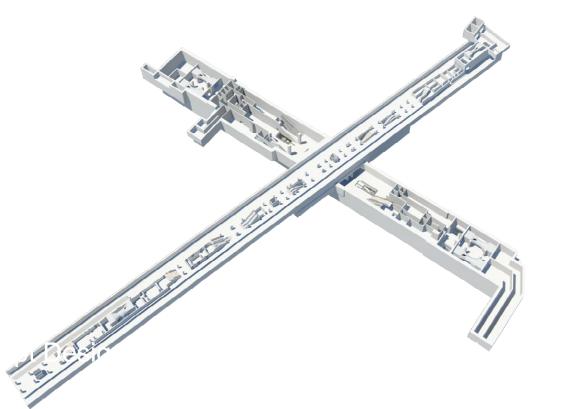
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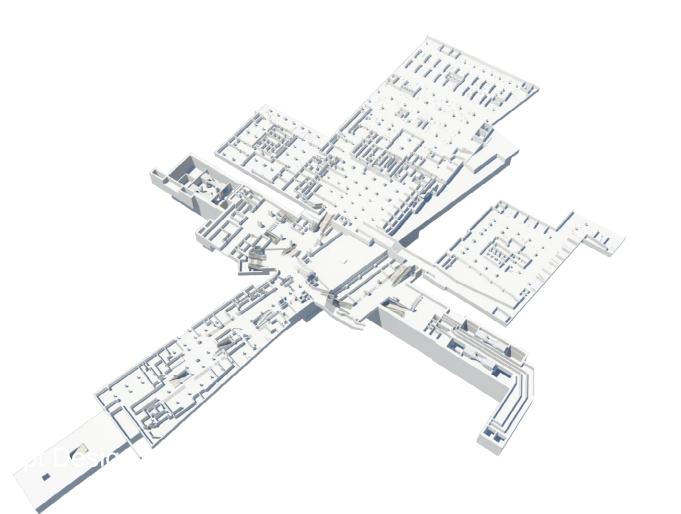
GLINTON AVENUE

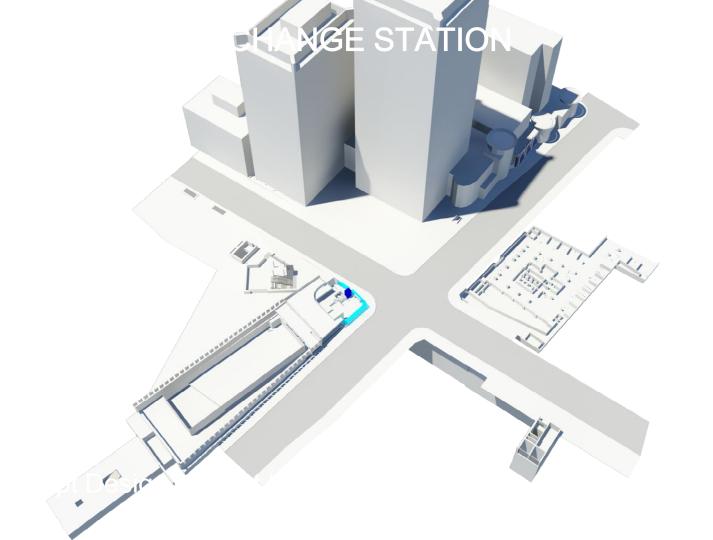


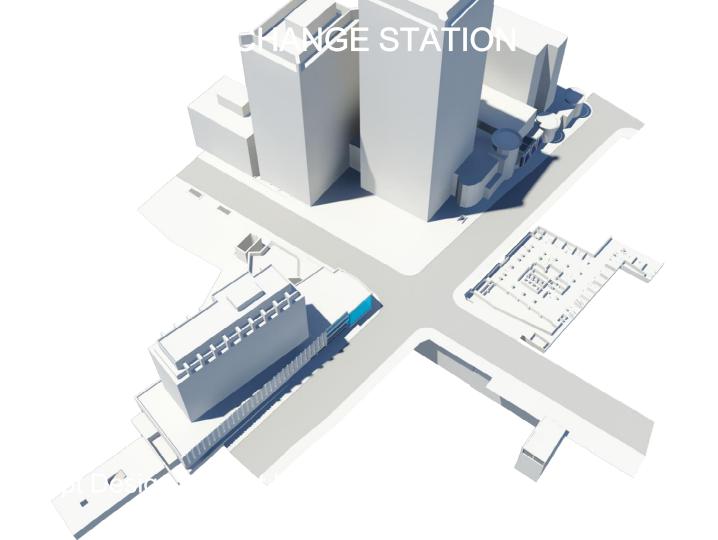


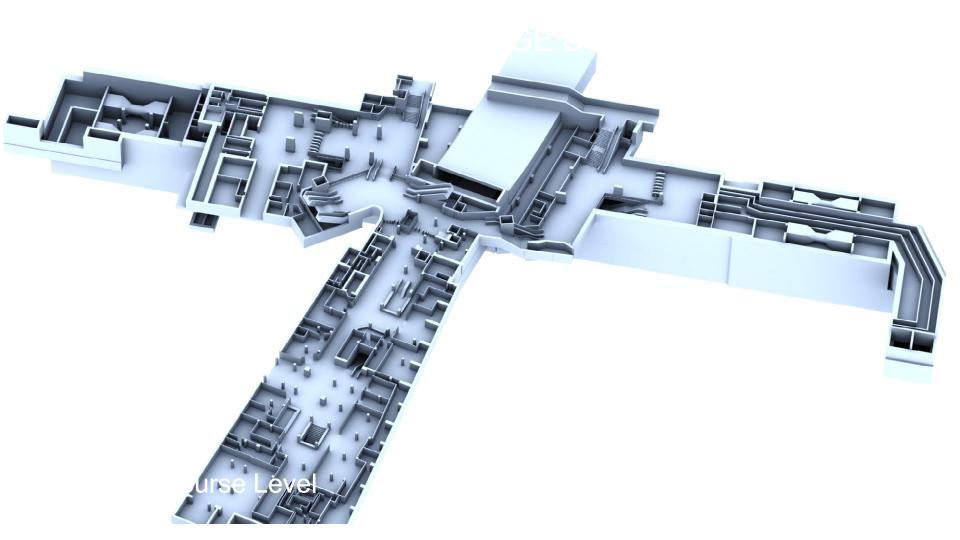
- TTC Subway Platform has been shifted 70 metres north
- Pocket Track has been removed

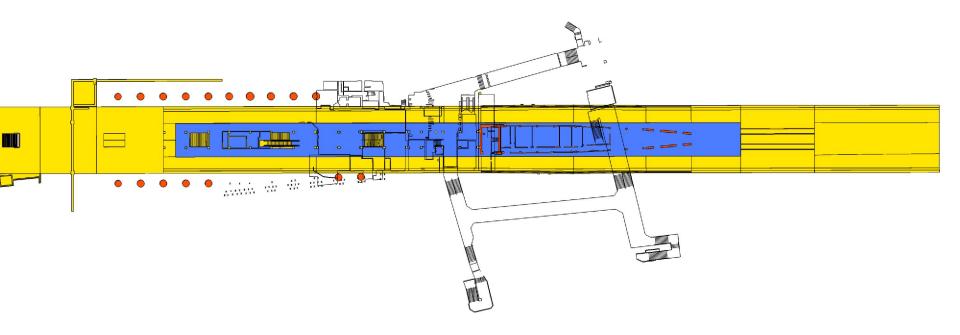


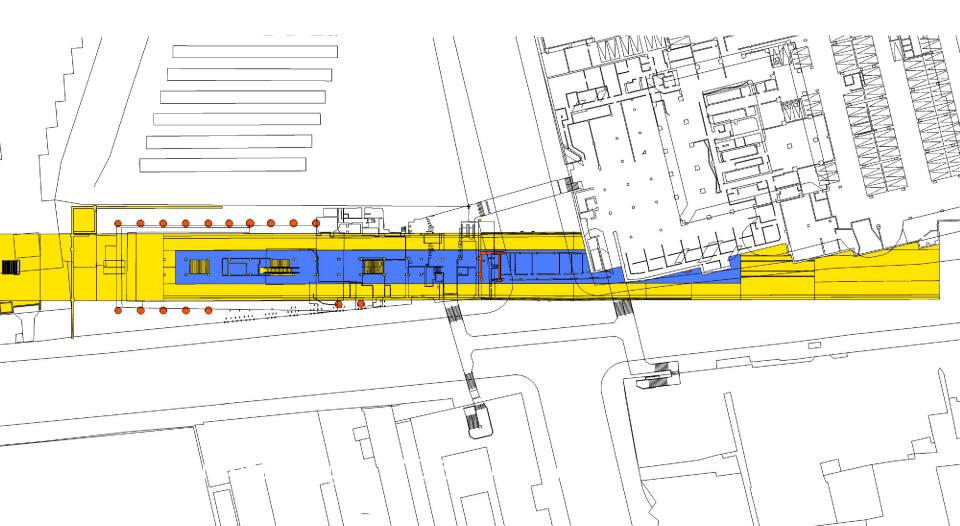


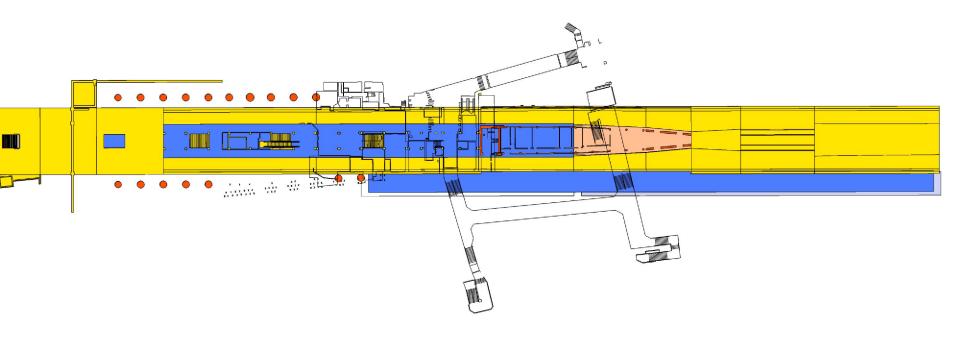


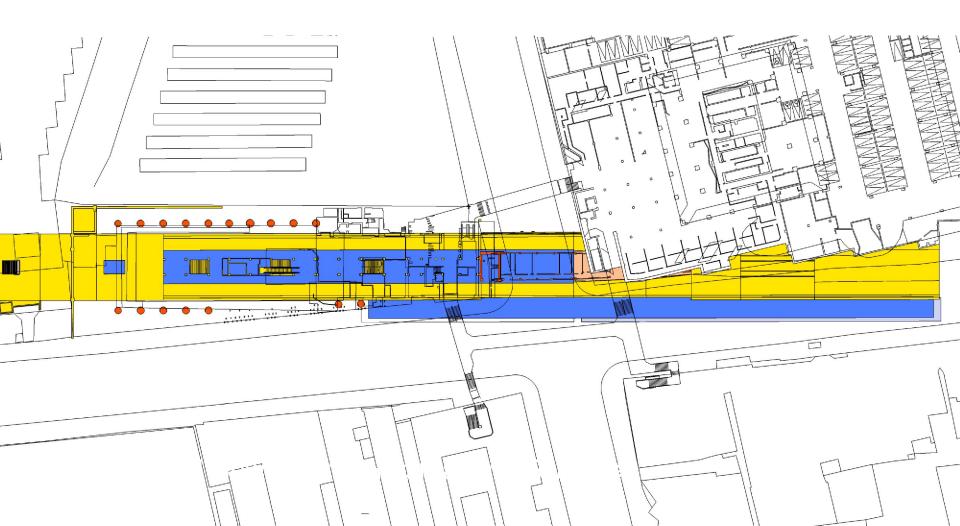




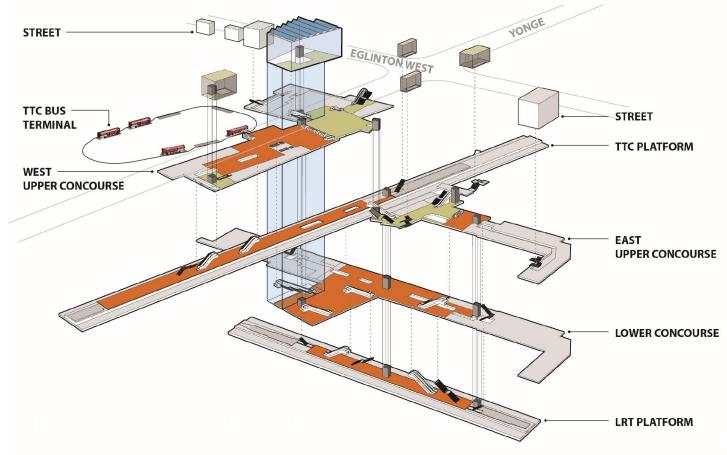


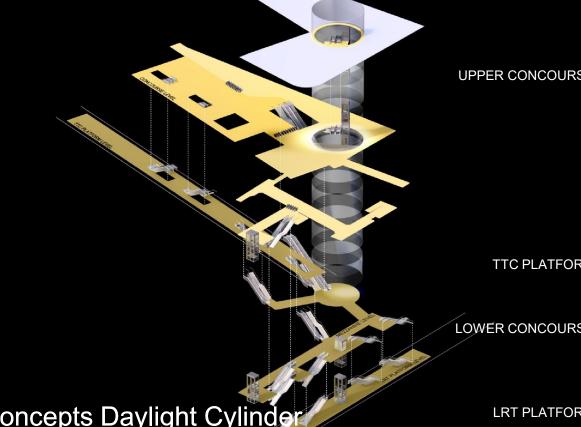






YONGE INTERCHANGE STATION





UPPER CONCOURSE LEVEL

TTC PLATFORM LEVEL

LOWER CONCOURSE LEVEL

P3 Pursuit Concepts Daylight Cylinder

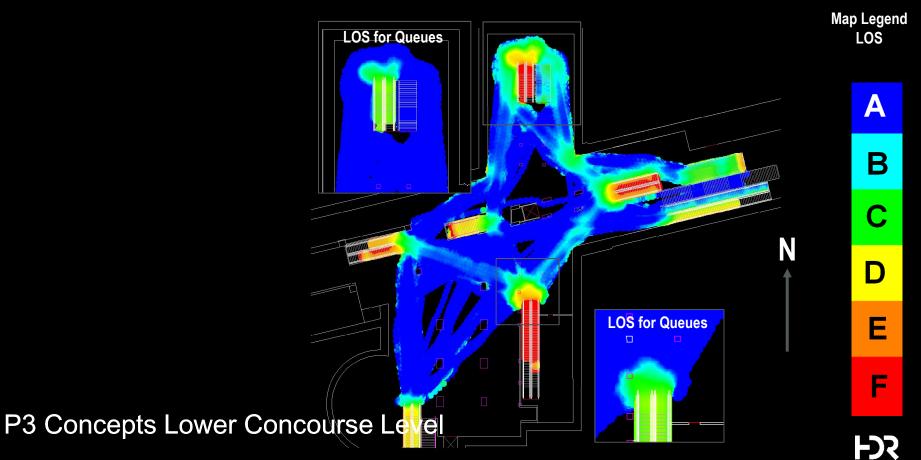
LRT PLATFORM LEVEL

N P3 Concepts Upper Concourse Level

Map Legend LOS

> A B С D E F

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P3 Concepts LRT Lower Concourse



P3 Concepts T C Subway Platform Level

EGLINTON YONG

P3 Concepts Upper Concourse Level Plan

s Street Level Plan

P3

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YONGE INTERCHANGE STATION

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YONGE INTERCHANGE STATION



