

Yonge Subway Extension

Preliminary Planning for Transit Project Assessment





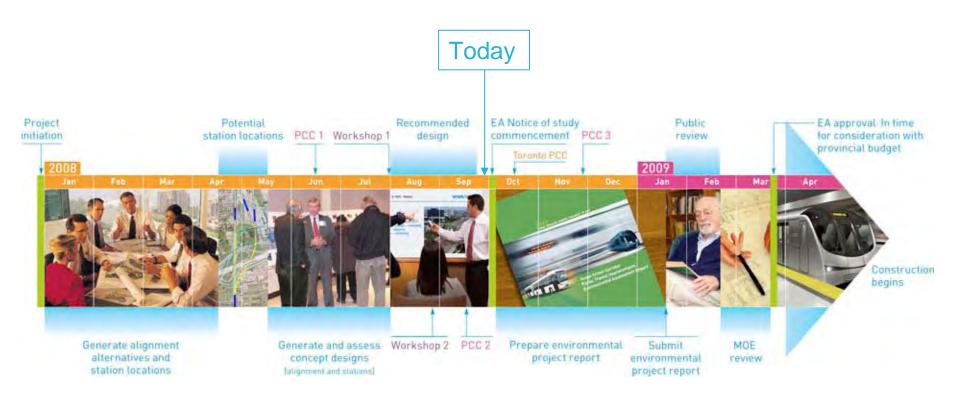


yonge subway extension study where we are today







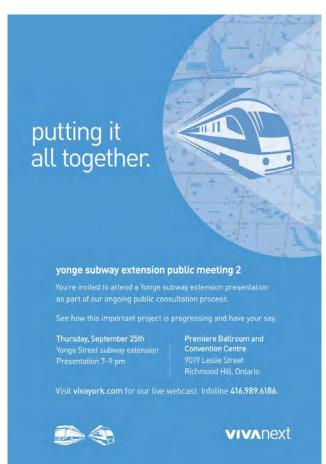


public outreach



- 28,000 postcards
- 8,000 letters
- Newspaper ads:
 - Toronto Star
 - Markham Economist & Sun
 - Richmond Hill Liberal
 - Vaughan Citizen
- Posters
- 4,000 email notices





public consultation centres – june 17 & 18 public input results







	Option 1/ Over	Option 2 / Above River	Option 3/ Under				Total Surveys
Bridge/ Don River Crossing:	94	12	20				126
	Option 1	Option 2	Option 3	Option 4	Option 5	Option 6	
Subway Stations:	10	5	14	23	29	46	127
	Option 1 Convenient	Option 2 Services	Option 3 Yearly	Option 4 Stations	Option 5 Shoppin g		
Richmond Hill Centre:	87	102	89	23	7		114
	Option 1 Connection s	Option 2 Destination	Option 3 Local Env.	Option 4 Amenitie s	Option 5 Planning		
What's important when planning a subway?	132	47	47	15	73		132
	Centre St.	Royal Orchard	None				
Heritage Station Options:	46	67	30				143

public consultation centres - what's important when planning a subway?









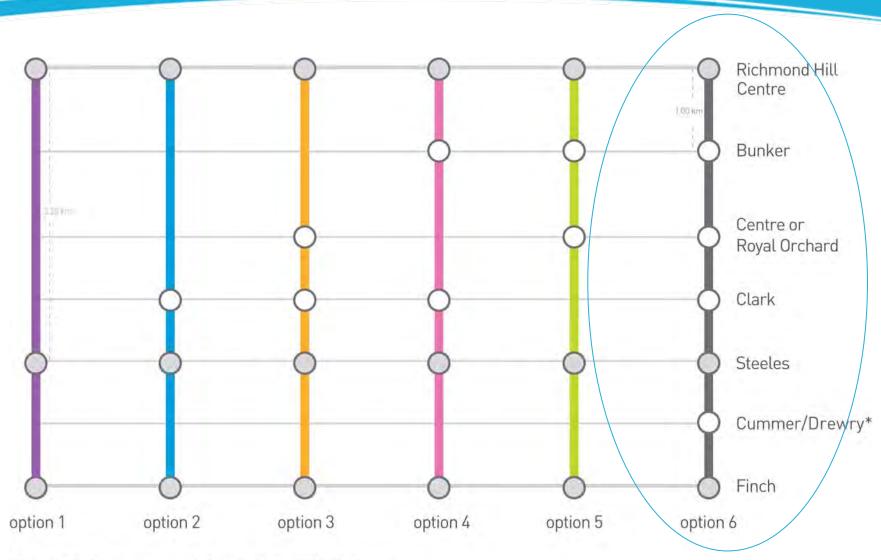


Top three priorities:

- 1. Connections to other transit
- 2. Careful planning of existing neighbourhoods and future growth
- 3. Destinations, places to go and sensitivity to the local environment were tied for the third priority

potential station locations...what we heard





^{*}Subject to further consultation with the City of Toronto

east don river crossing option 1 | bridge – choice of the majority

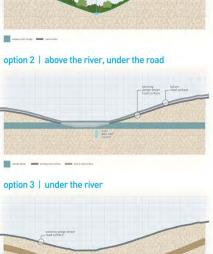














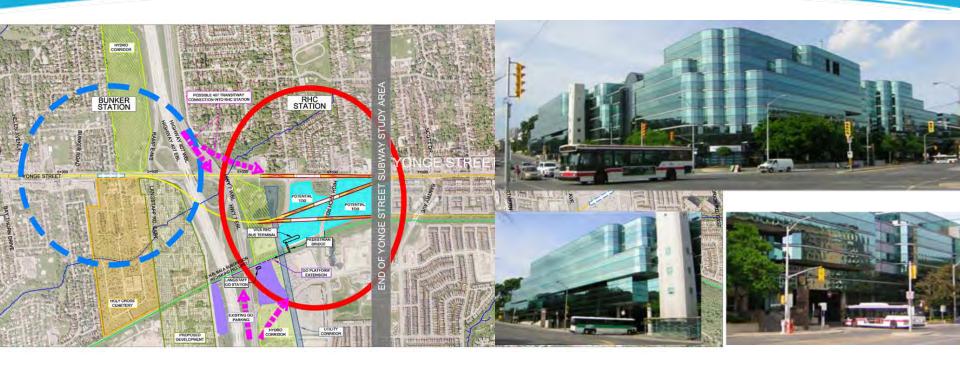


what's important when planning the richmond hill centre station?









Top three priorities:

- 1. Connections to transit services
- 2. Year round weather protection and comfort
- 3. Convenient pedestrian access

building on that feedback recap of july 31 public workshop







- Summarized results from technical analysis
 - two mandatory stations
 - four other potential stations
 - East Don River crossing options
 - Richmond Hill Centre alignment alternatives







recap of august 26 public workshop



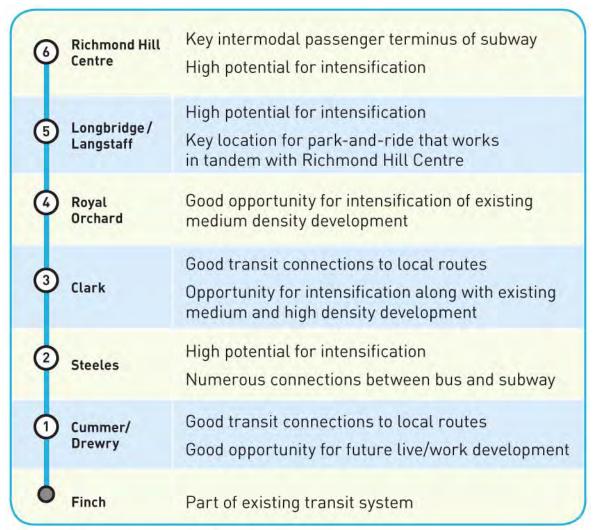
- Approximately 50 attendees
- Four working groups built their "ideal subway"
- What we heard:
 - Six stations
 - Cross East Don River with a bridge
 - Alignment C, preferred for Richmond Hill Centre Station
 - Passenger pick-up and drop-off north of Steeles





Recommended Yonge Subway Extension

- Six stations
- Two terminal
 - Steeles Bus Terminal
 - RHC Bus Terminal
- Bridge over East Don River
- Alternative alignments into Richmond Hill



what comes with the subway stations?



Station	Pedestrian Entrances	PPUDO	Bus Terminal	Park'n Ride	Substation	Summary
Cummer / Drewry	passenger nickun and	pedestrian	Bus turn-around loop			Line station with minimal surface requirements
Steeles	•	•	•		•	Transit hub
Clark					parking facility	Line station with minimal surface requirements
Royal Orchard		parking facility				Line station with minimal surface requirements
Bunker / Longbridge	•	•		•		Commuter hub
Richmond Hill Centre	•	•	•		•	Transit hub

steeles station key considerations









east don river crossing



Bridge preferred:

- Allows for shallow, relatively flat subway tunnel that will be operationally least costly
- Allows for a shallow subway station at Royal Orchard – easier pedestrian access, quicker emergency response and lower station cost
- Presents an opportunity to improve road profile on Yonge Street for pedestrians and drivers
- Presents an opportunity to naturalize the valley







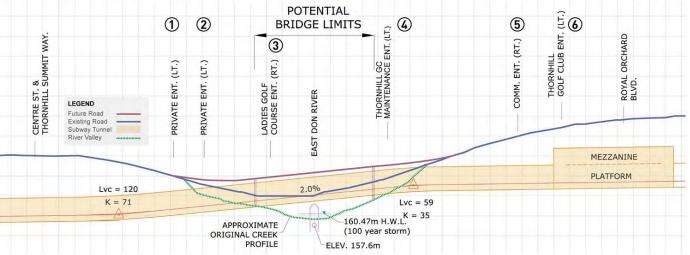
development of east don river crossing













longbridge/langstaff station considerations



- Protection of Holy Cross Cemetery
- Significant development site east of Yonge
- Provision of commuter parking facility
- Passenger Pick-up and Drop-off facility
- Minimize impact to Hydro One's 230/500kV transmission facilities





design features that address community concerns



- Noise buffers
- Maintain a green corridor
- Bio swales
- Sustainable treatments for parking















key considerations at richmond hill centre







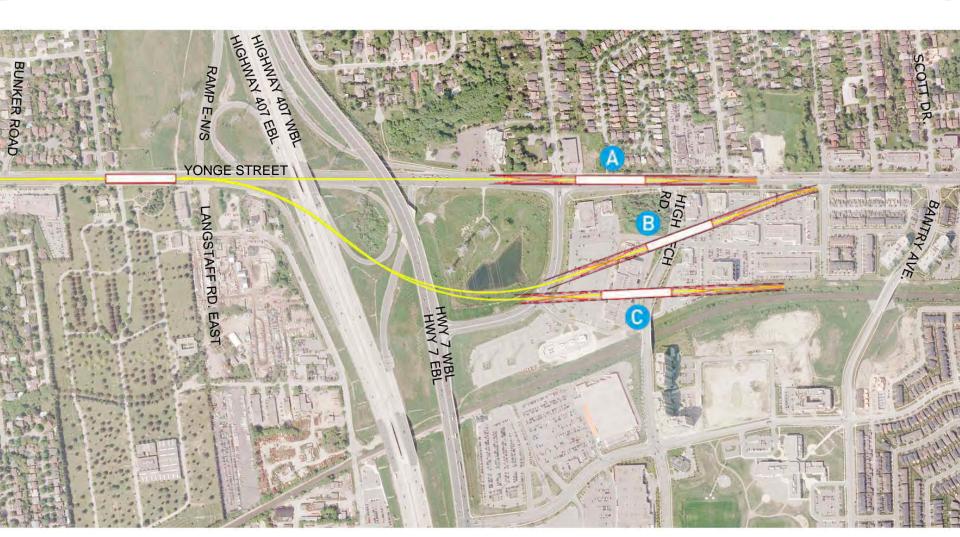


richmond hill centre station alignments









richmond hill centre alignments







