



vivanext

Yonge Street Subway

Yonge Subway Task Force
Inaugural Meeting

May 15, 2008



Agenda

- Yonge Subway Advisory Task Force
 - Election of a Chair
 - Roles & Responsibilities
 - Schedule
- Project Status
 - Introductions of the technical team
- Municipal – Technical/Policy co-ordination
- Next Steps

Yonge Subway Advisory Task Force: Election of Chair

Members	York Region	Chair Bill Fisch Councillor Jim Jones	Mayor Linda Jackson Mr. Bill O'Donnel
	Town of Markham	Mayor Frank Scarpitti Mr. Joe Ricciuti	Councillor Valerie Burke
	Town of Richmond Hill	Mayor David Barrow Mr. David West	Councillor Brenda Hogg
	City of Vaughan	Councillor Alan Shefman Regional Councillor Joyce Frustaglio	1 non-elected official [tbd]
Coordination Team	York Region Rapid Transit Corporation	Mary-Frances Turner Jon Hulse	David Clark Dale Albers
Technical Team	MRC	Tom Middlebrook Scott Bowers	
	YC2002	Rick Staples	
Municipal Senior Staff	Town of Markham Town of Richmond Hill City of Vaughan	CAOs and Commissioners	

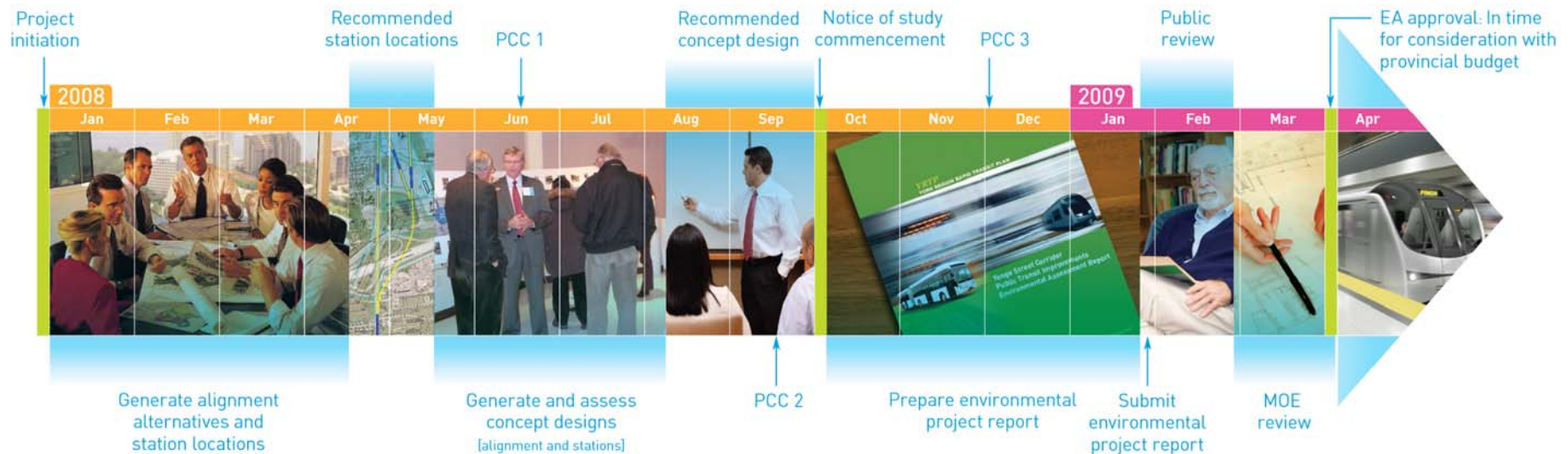
Yonge Street Advisory Task Force: Roles & Responsibilities

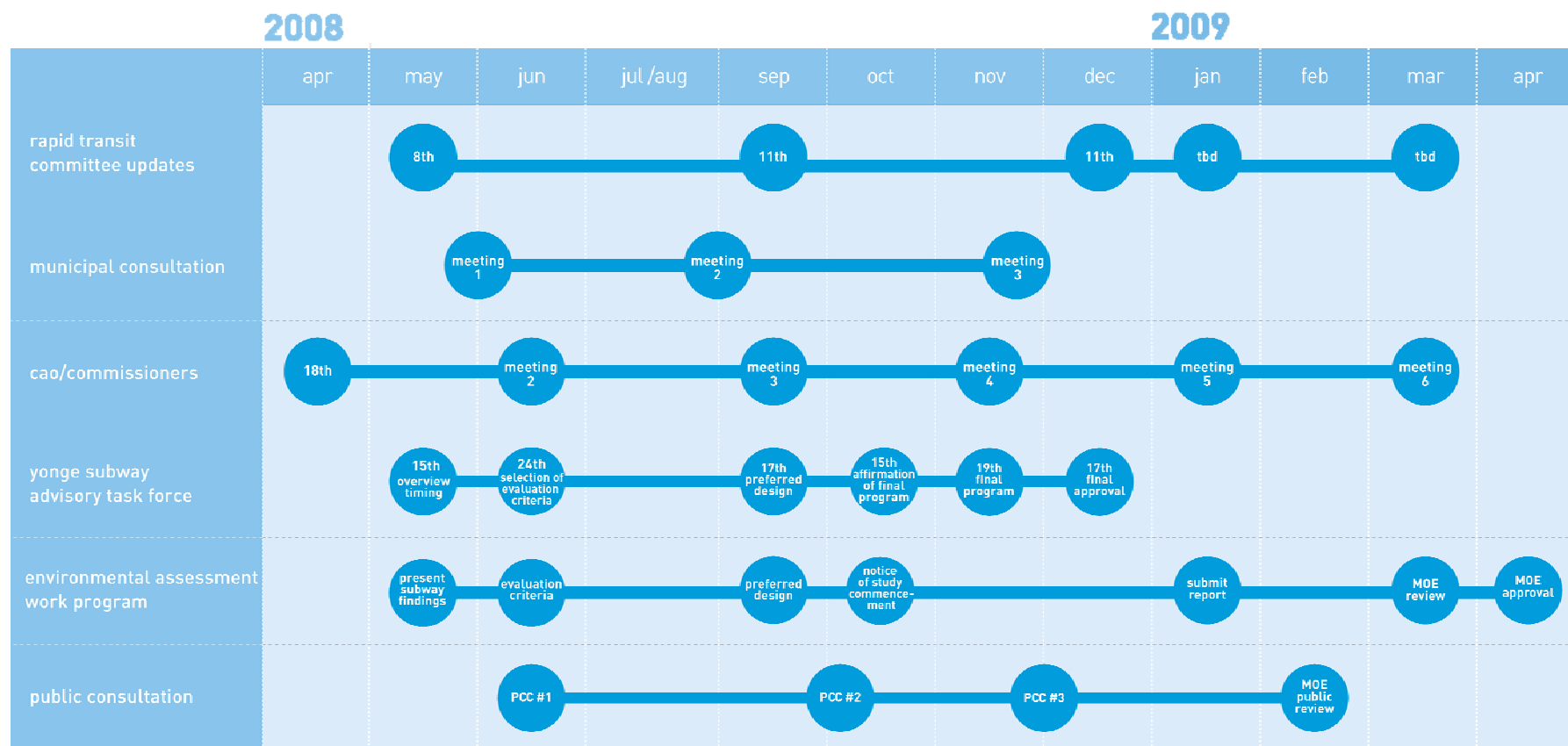
The purpose of the Task Force is:

- to provide, guidance, advice and a forum for the coordination of the many considerations that will shape the evolution of the Yonge Street subway
- to act as a forum for stakeholder consultation to promote and support the goals and objectives of the Region and local municipalities for the delivery of a comprehensive higher order transit network, intermodal connectivity and TOD.
- to act as a forum for discussions with City of Toronto stakeholders for the integration of transit facilities with the subway at Steeles Station and for consideration of an intermediate station at Cummer Avenue within the City boundaries



Proposed Timelines



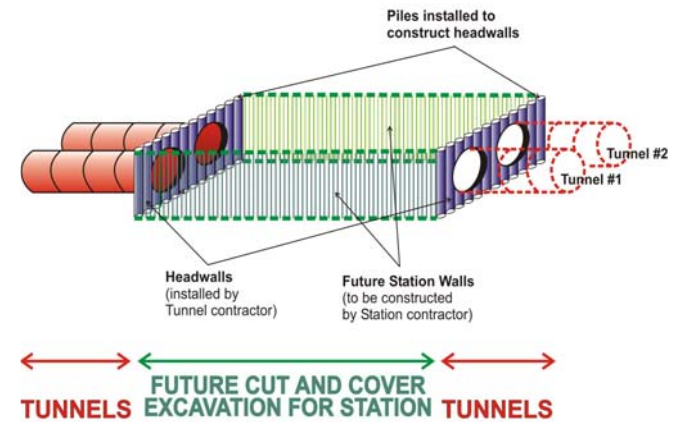


Technical Team

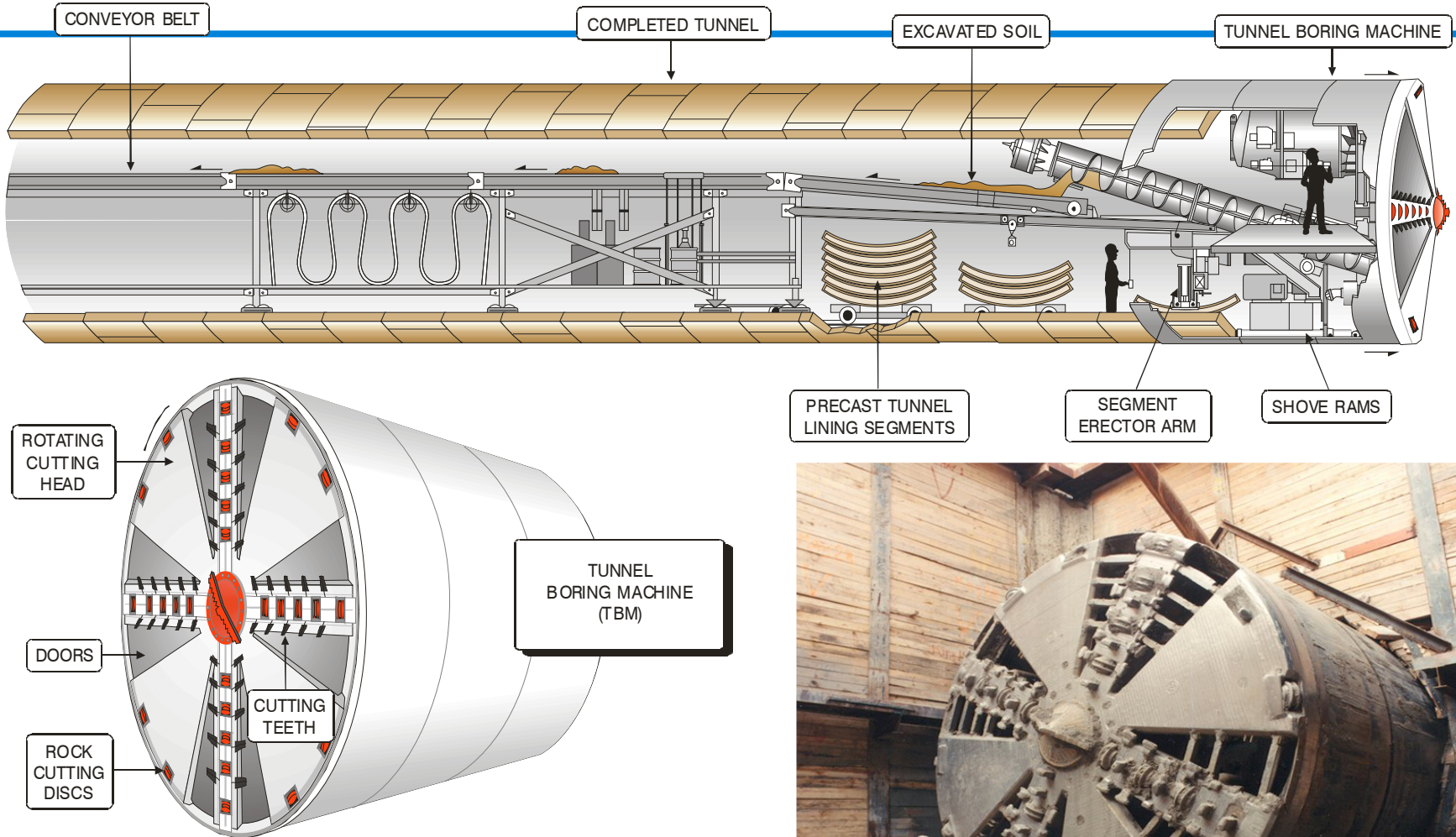
- McCormick Rankin & York Consortium 2002



- Subway Construction methods
- Stations
- East Don River Crossing
- Terminal requirements at
 - Steeles and
 - Richmond Hill Centre



Tunnelling - Tunnel Boring Machine



Tunnel Spoils Removal

- Machine excavates and passes spoils back through tunnel
- Spoils removed from TBM launch site, usually by truck







Completed Tunnel

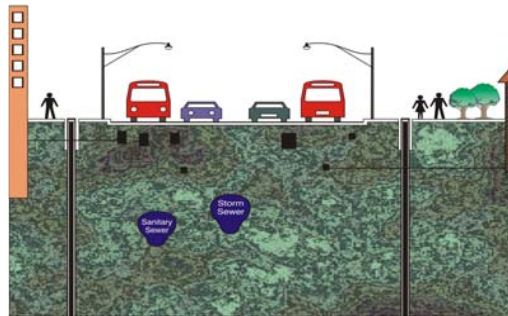
(before track and systems installations)



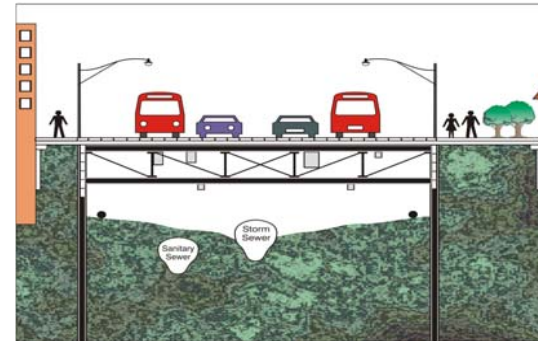


Construction Techniques: Cut and Cover Process for Subway Stations

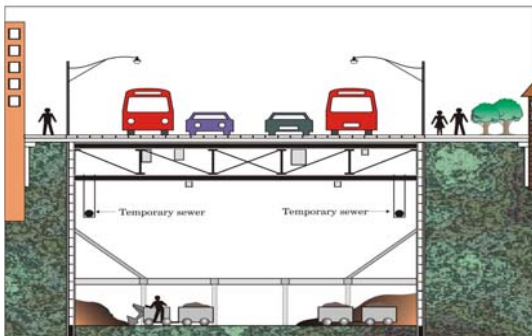
Utility location and piling



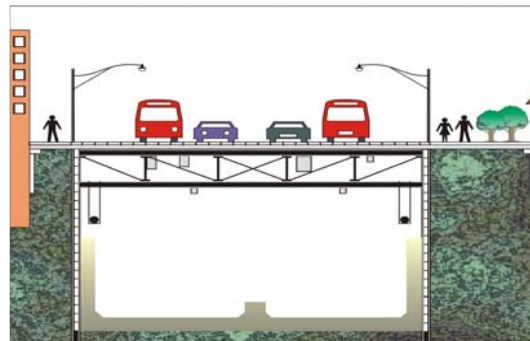
Installation of decking



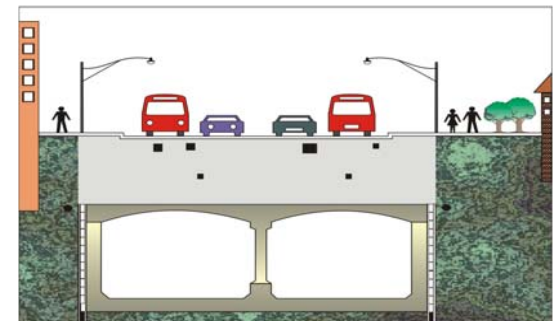
Excavation and soil removal



Construction of subway structure



Removal of decking/ street restoration

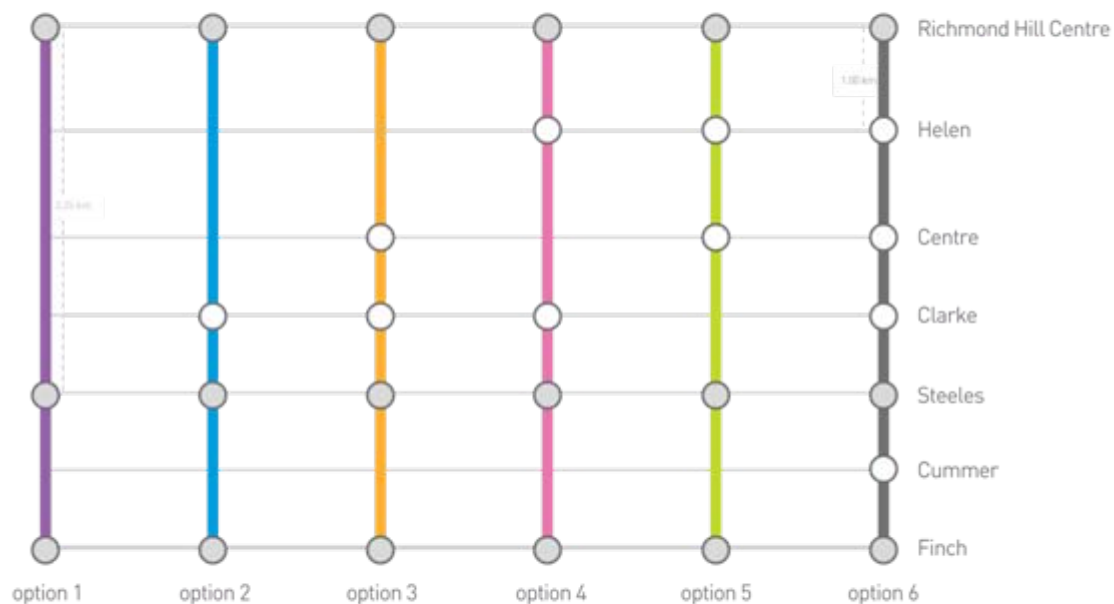


Construction Techniques: Surface Impacts at Stations

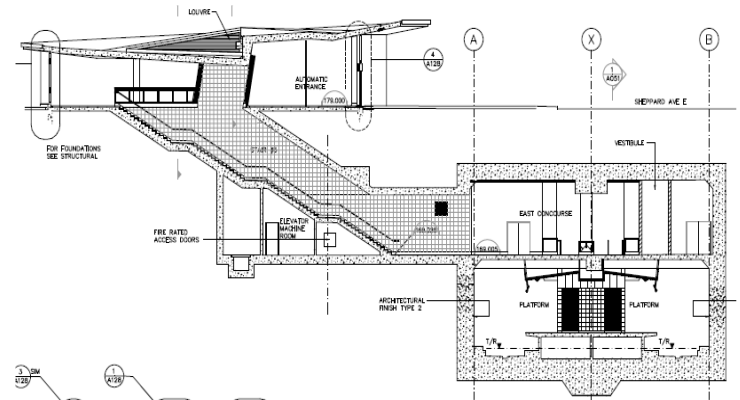


station spacing

yonge subway extension: station alternatives

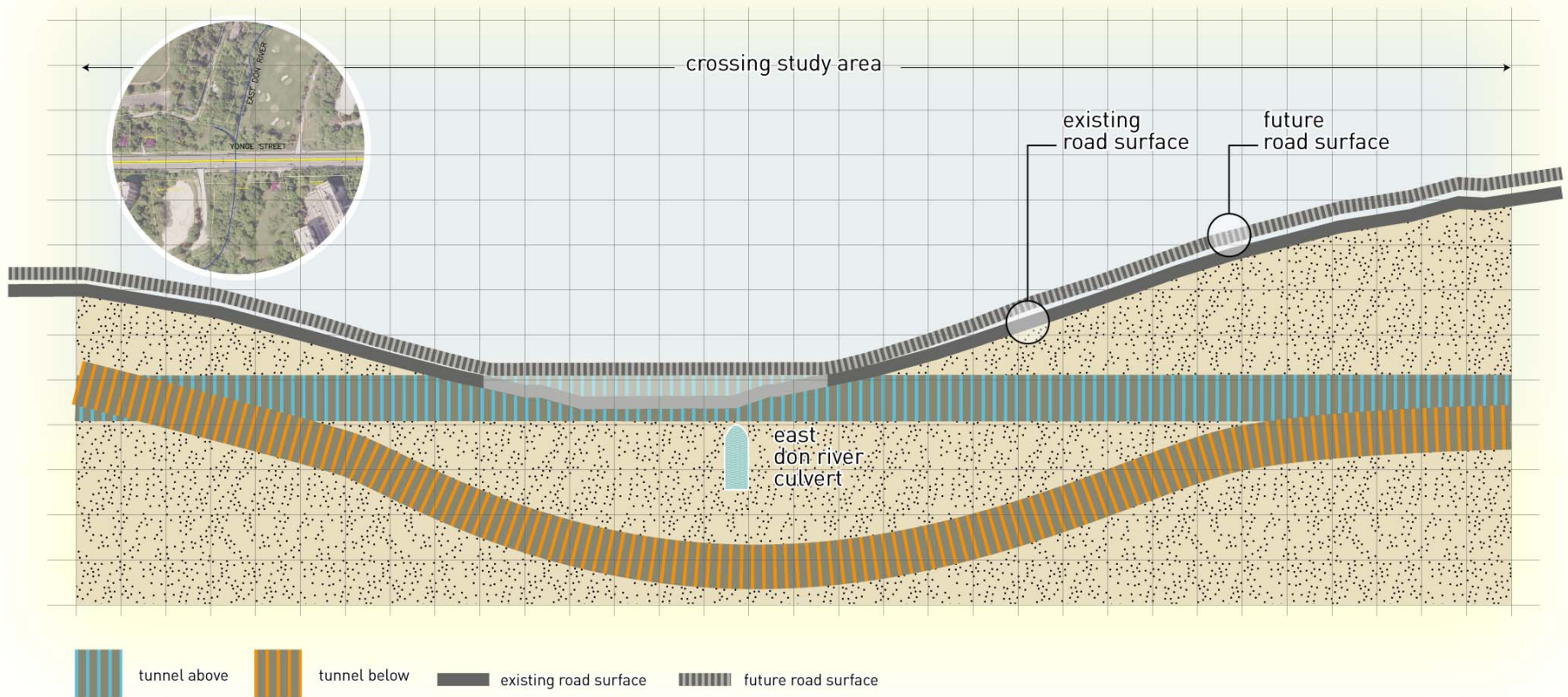


- Key considerations ...
- Ridership / boardings
- Safe passenger access and egress
- Surface transit connections
- Physical environment
- Urban intensification
- Cost effectiveness



East Don River Crossing Options

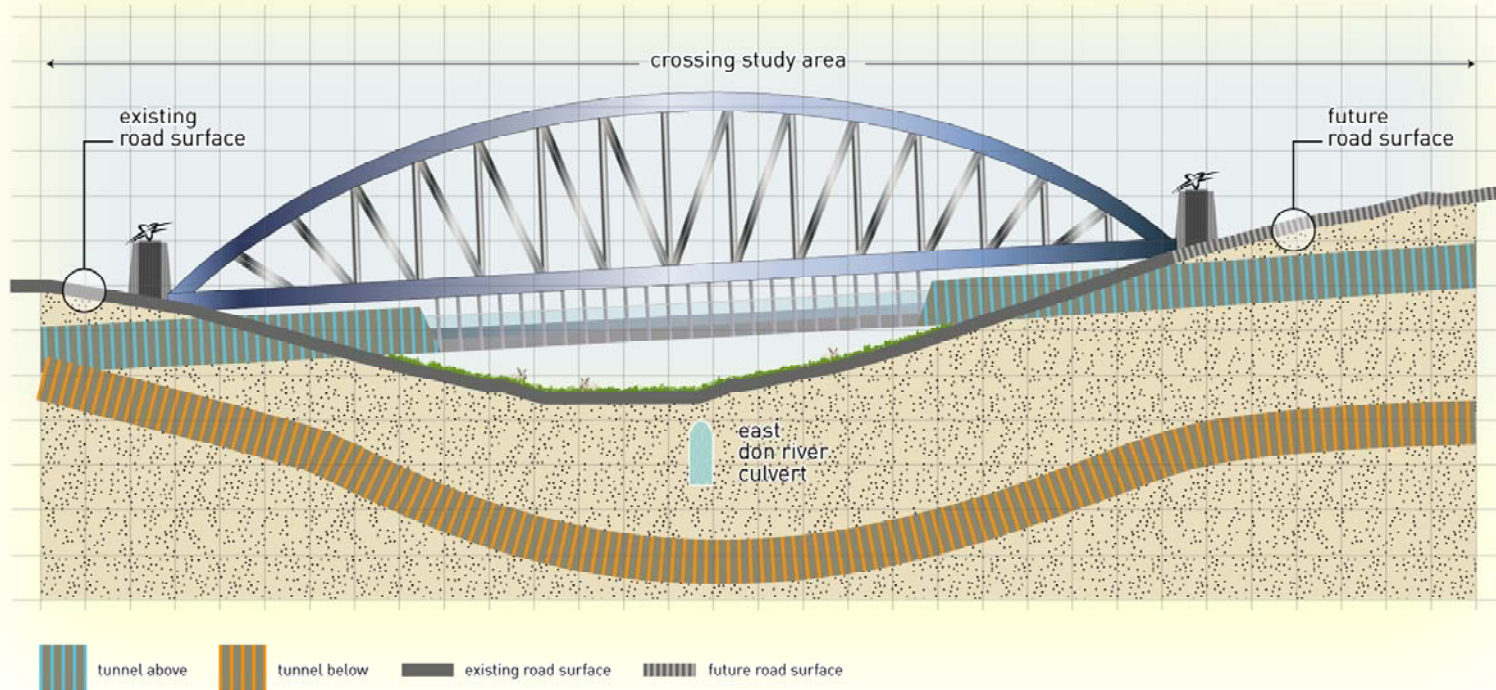
cross section: yonge street [west view of east don river]

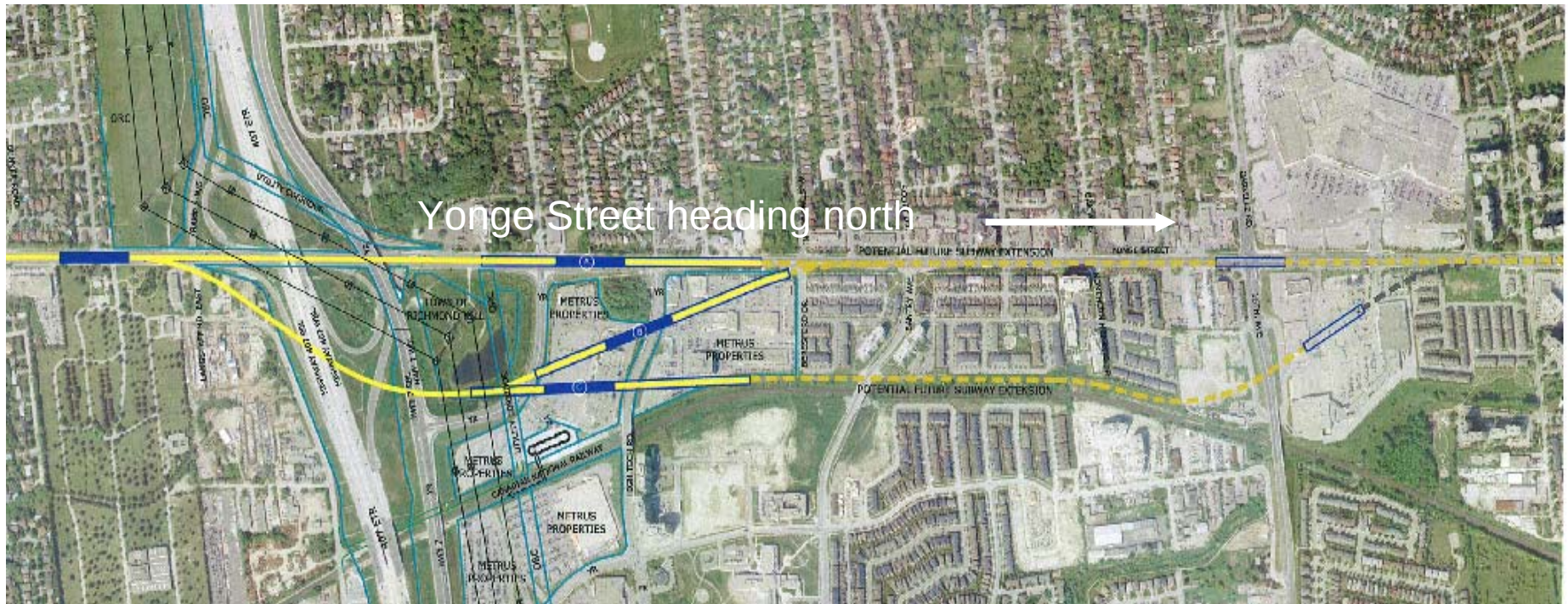


East Don River Crossing Option

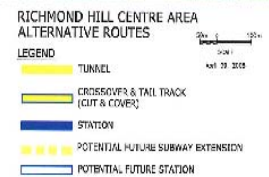


cross section: yonge street [west view of east don river]





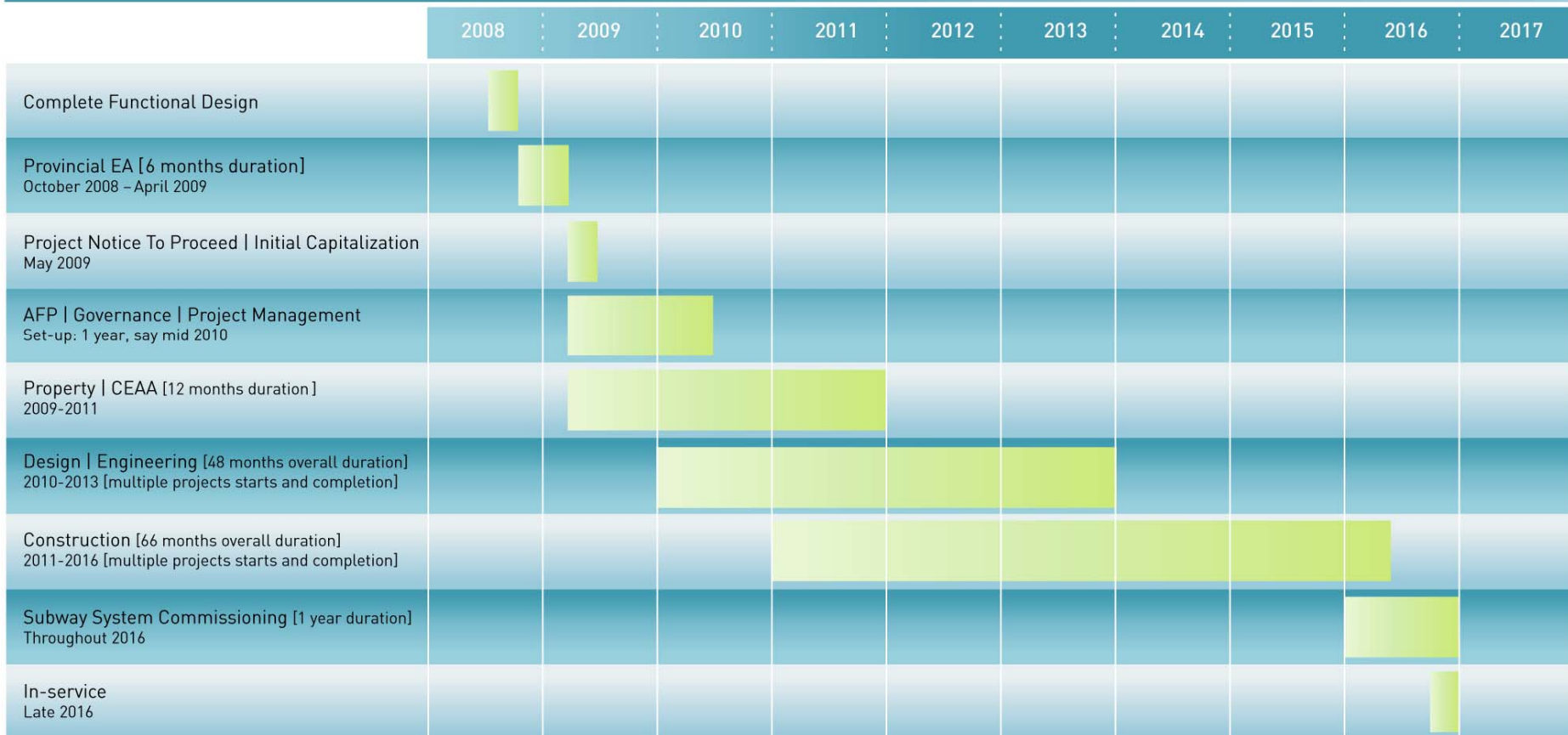
- Horizontal and vertical profile
- Options at Richmond Hill Centre



Terminal Requirements at Steeles Avenue



Timeline 1 – assumes NTP after Provincial EA Approval; followed by creation of project charter / interjurisdictional governance / PMO



Next Steps:

SPRING

- 📌 Yonge Subway Advisory Task Force Meetings (issued thru Clerks)
 - 📌 June 24
 - 📌 September 17
 - 📌 October 15
 - 📌 November 19
 - 📌 December 17
- 📌 Public Meeting #1 – June

SUMMER

- 📌 Stakeholder consultation – July & August
- 📌 Continued technical work to evolve preferred design

FALL

- 📌 Municipal presentations to Committees on preferred design including Toronto
- 📌 Public Meeting #2 - September
- 📌 Public Meeting #3 – November/December