



Yonge Subway EA



Public Consultation Centres – June 17 & 18 2008

Inter-regional connectivity



VIVA
Viva Rapid Transit
Post 2013

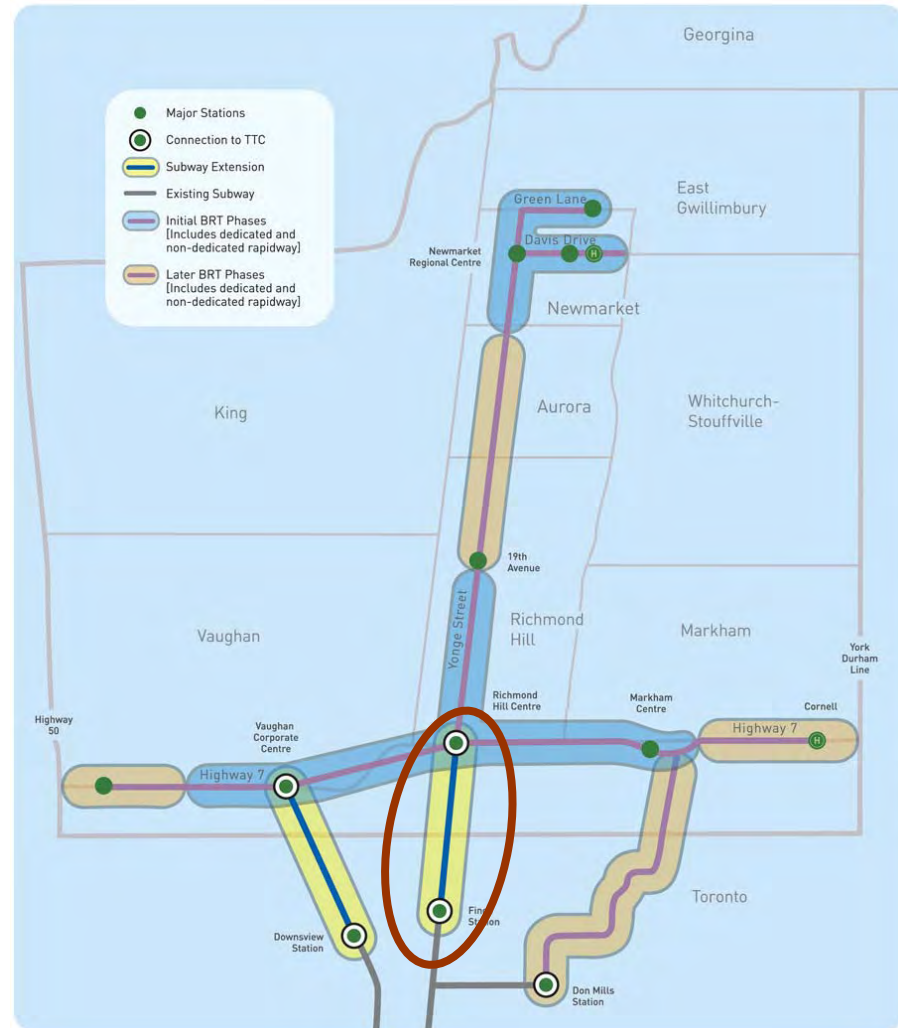
TTC Toronto
Toronto Transit City
Light Rail Plan

GO/407

BRAMPTON Transit

acceleRide
BRAMPTON RAPID TRANSIT AUTHORITY

Durham Region Transit
Connecting Communities

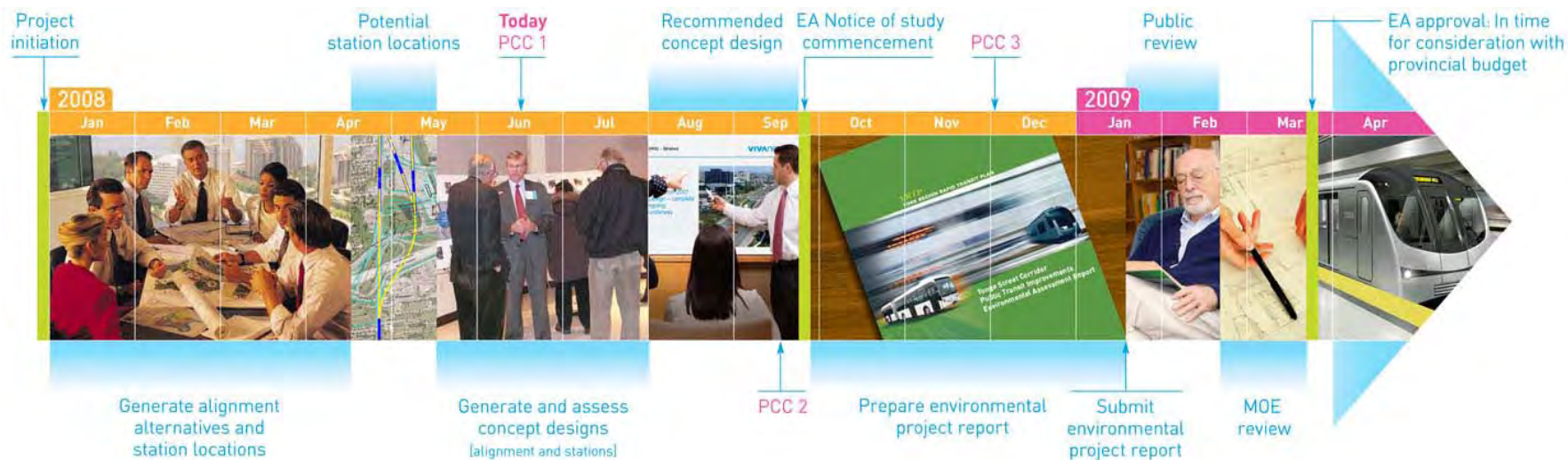


Members	York Region	Chair Bill Fisch Regional Councillor Jim Jones	Mayor Linda Jackson Mr. Bill O'Donnell
	Town of Markham	Mayor Frank Scarpitti Mr. Joe Ricciuti	Councillor Valerie Burke
	Town of Richmond Hill	Mayor David Barrow Mr. David West	Regional Councillor Brenda Hogg
	City of Vaughan	Regional Councillor Joyce Frustaglio	Councillor Alan Shefman H. Tom Wilson
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	

- Guide environmental assessment study for Yonge Street subway extension into York Region
- Act as forum for stakeholder consultation to support delivery of a comprehensive transit network, intermodal connectivity and transit-oriented development
- Act as forum for discussions with City of Toronto stakeholders for the integration of facilities and operations north of Finch station



yonge subway study



be involved

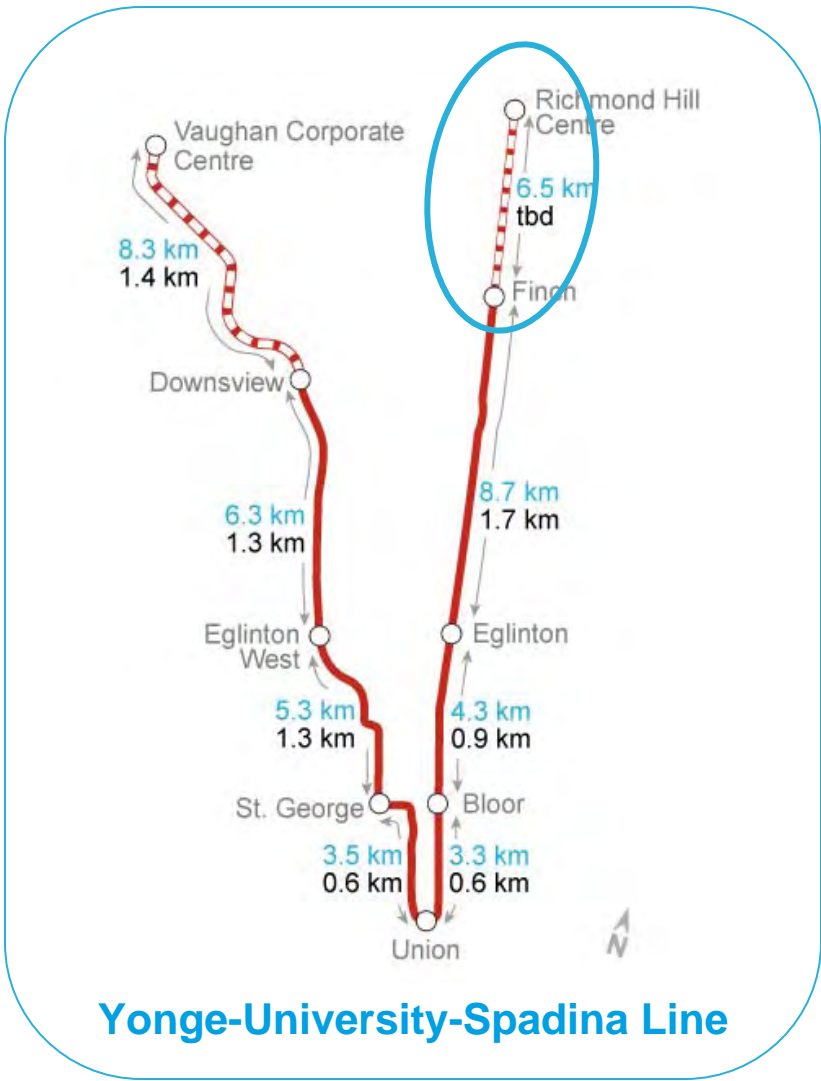
- > summer stakeholder workshop: july 31
- > public consultation centre 2: september 25
- > public consultation centre 3: late november



Project Definition

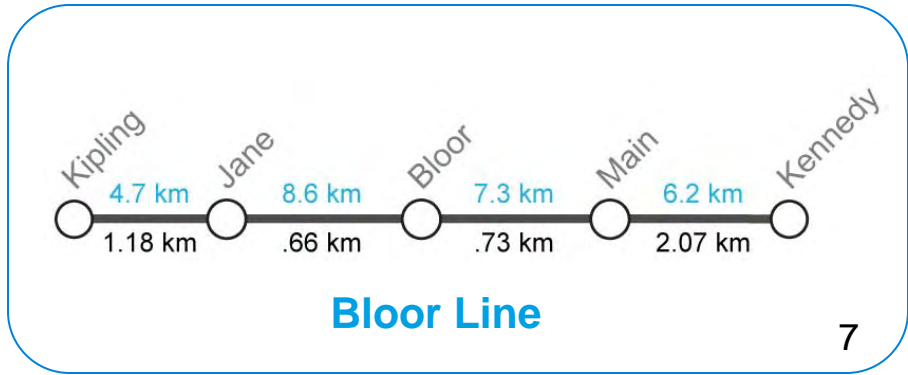
Tom Middlebrook, MRC

the yonge subway extension project

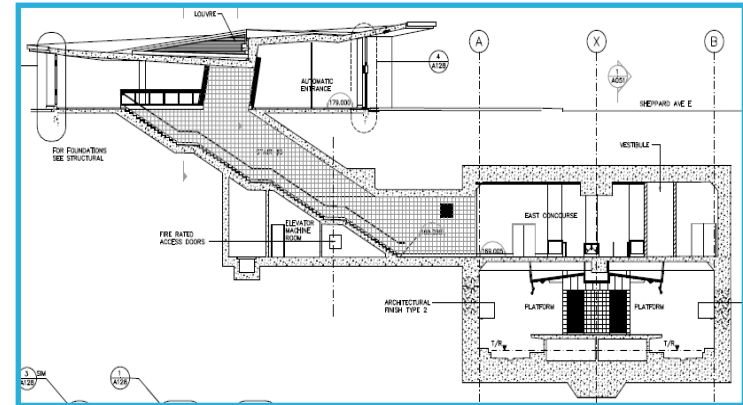


Legend

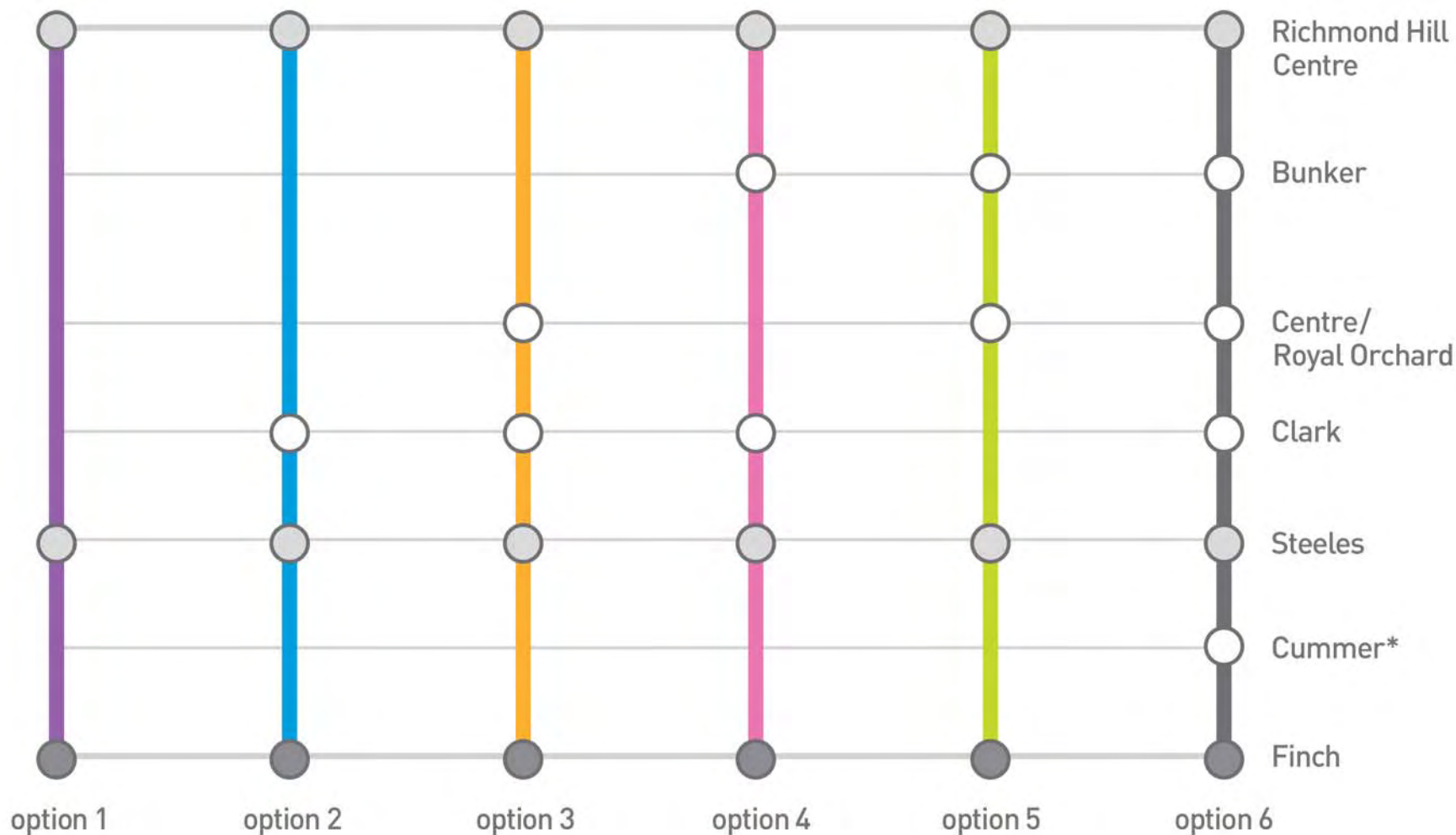
- Segment Length
- Average Station Spacing



- Current and future travel demand
- Surface transit connections
- Physical environment
- Ease of passenger access and egress
- Urban intensification
- Consideration of sensitive land uses
- Cost effectiveness

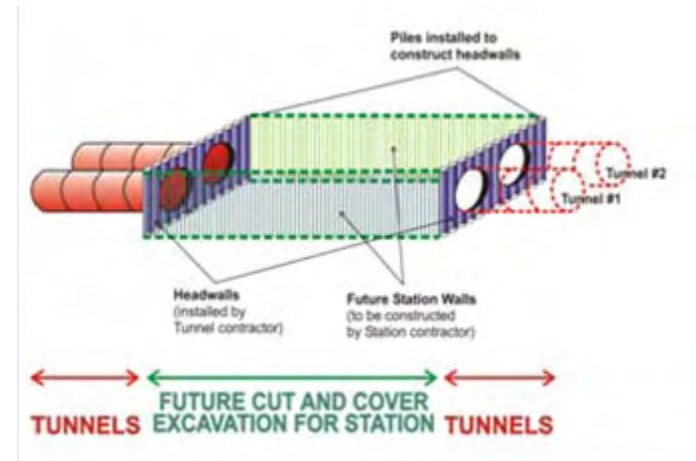


potential station locations

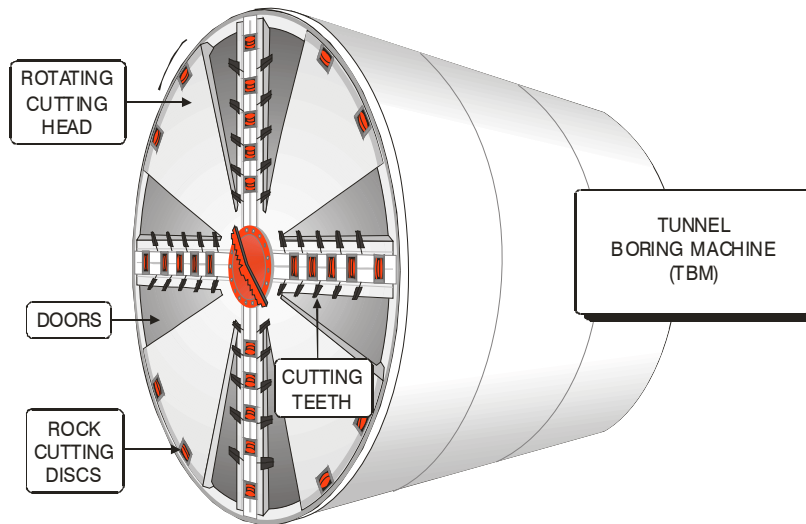
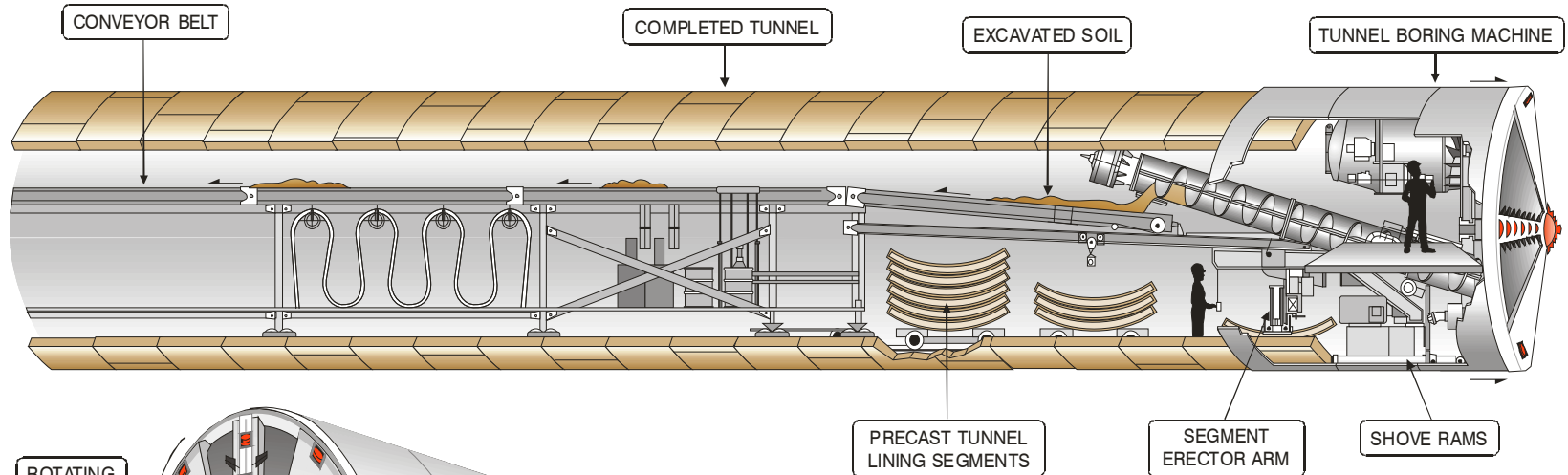


*Cummer station can be included in any alternative

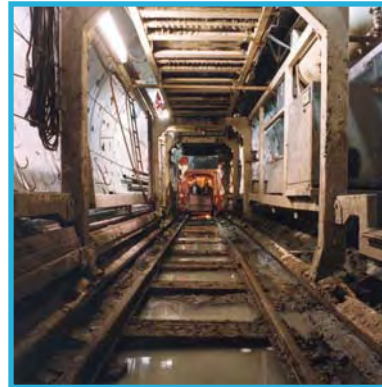
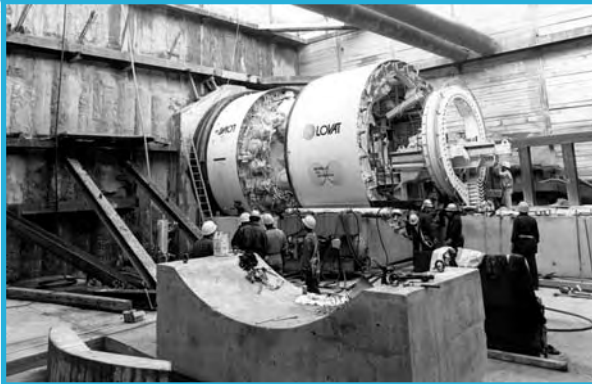
subway construction techniques



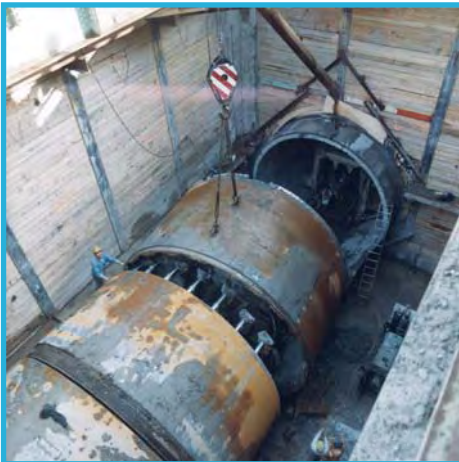
tunnel boring machine



tbm launch and related activities



tbm extraction



tunnel completion



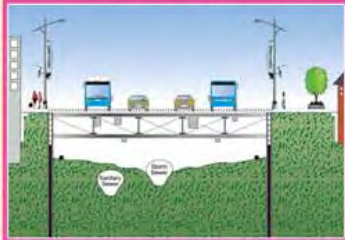
cut-and-cover process



utility location and piling



installation of decking



evacuation and soil removal



construction of subway structure



removal of decking/street restoration



surface impacts of construction at stations



what comes with a subway?



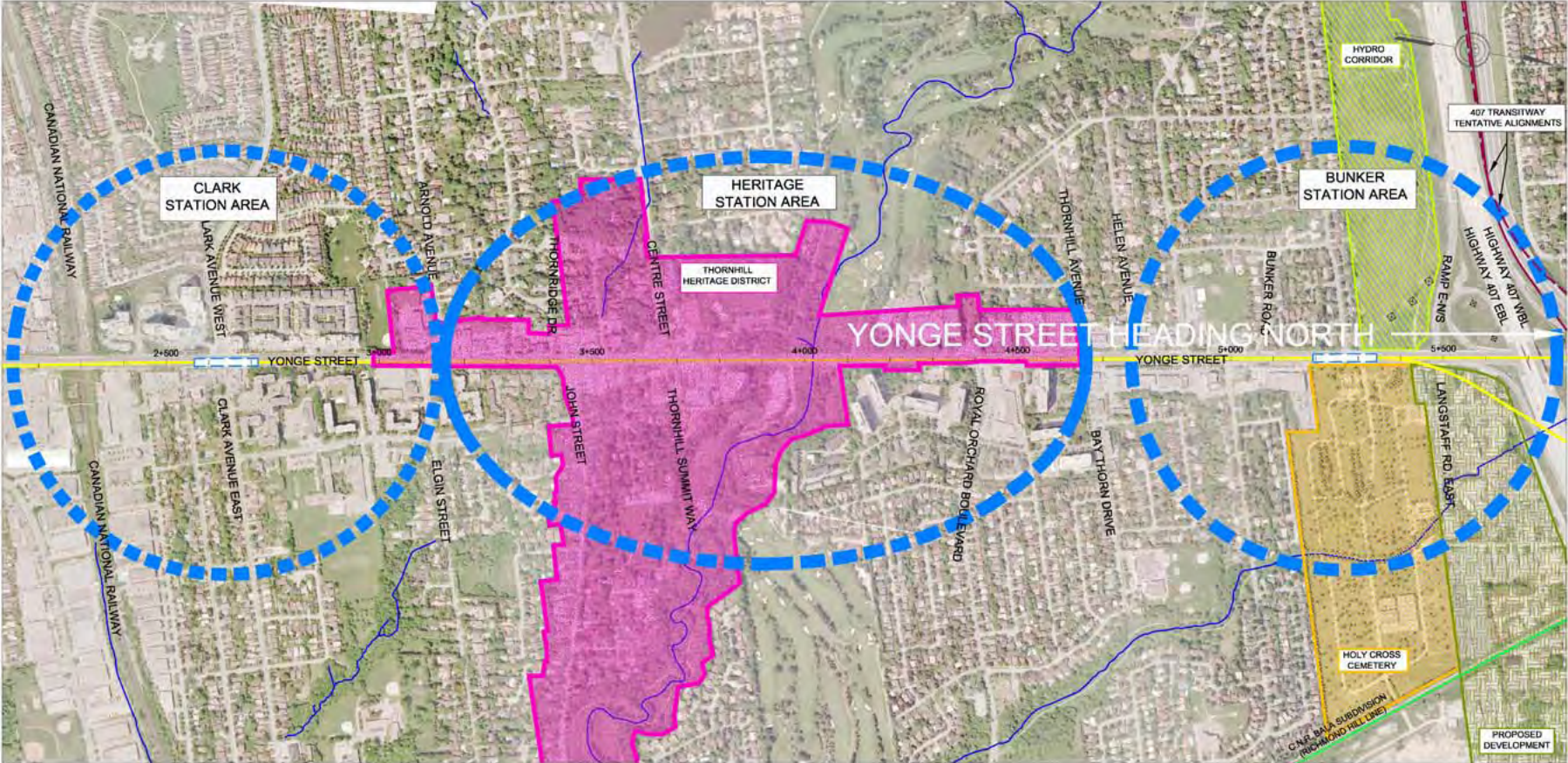
finch to clark



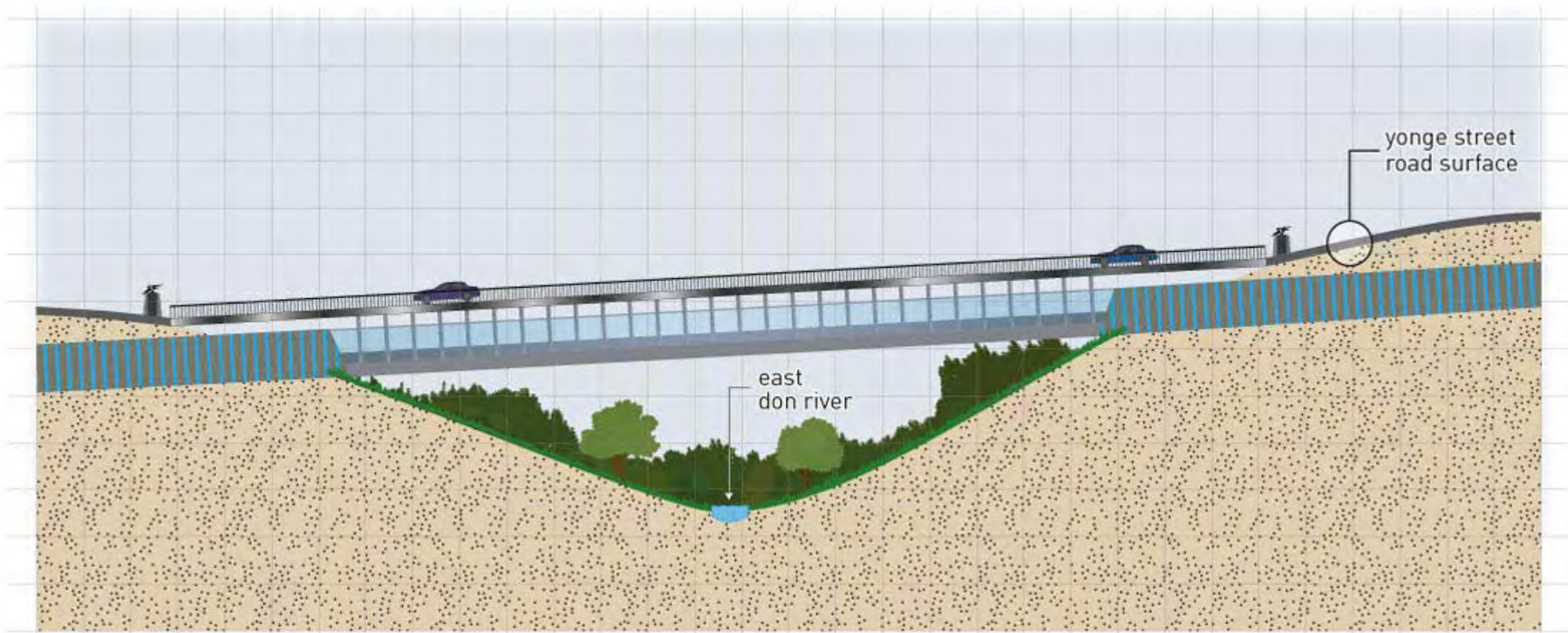
terminal requirements at steeles avenue



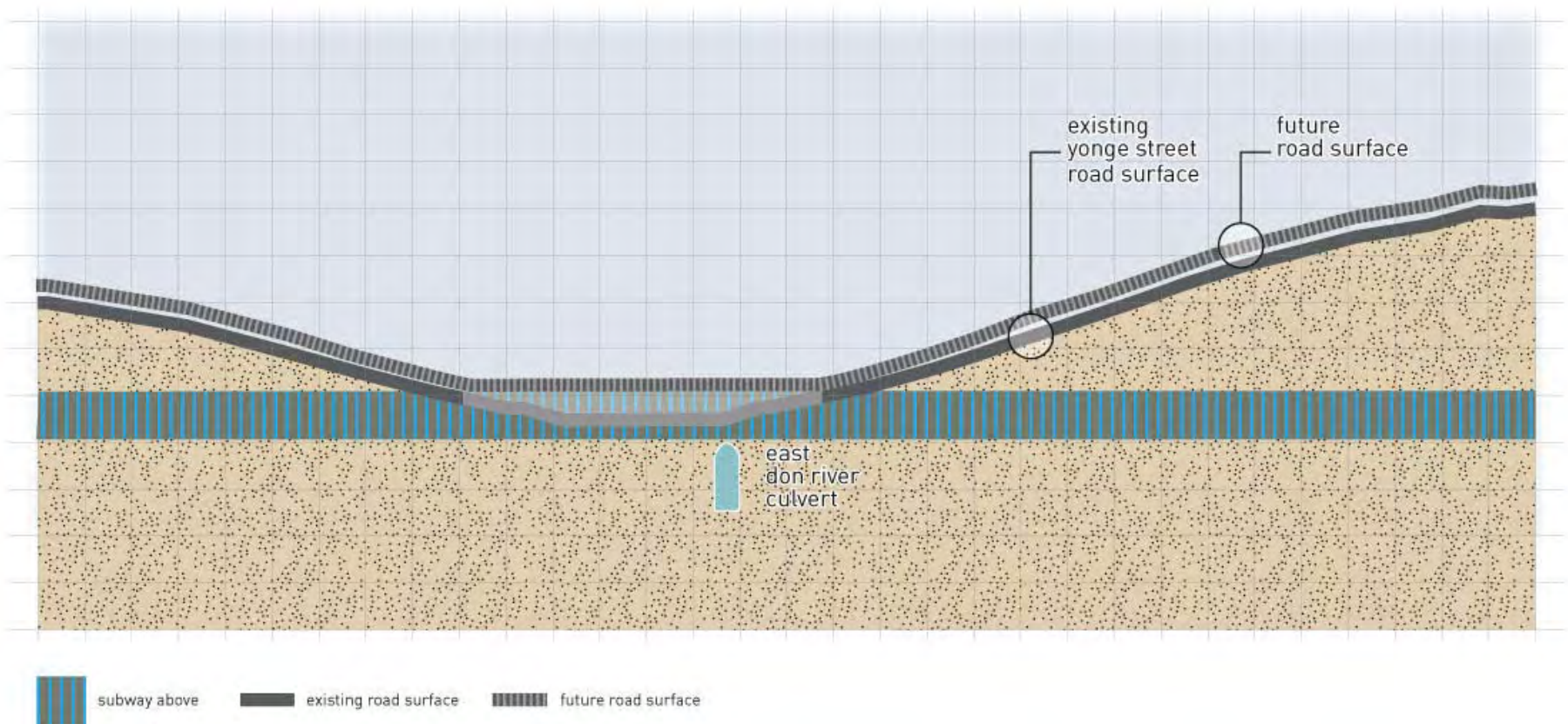
heritage district



option 1 | bridge




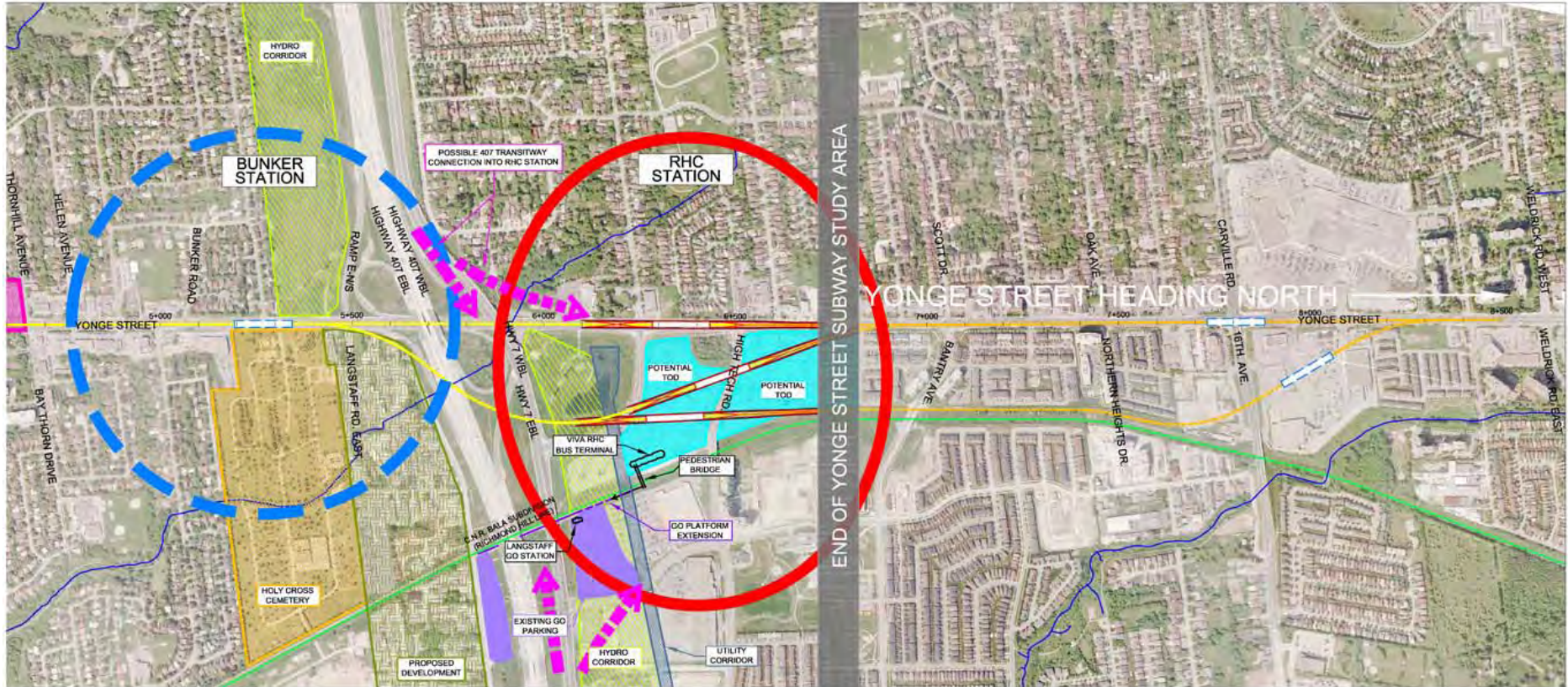
option 2 | above the river, under the road



option 3 | under the river



 tunnel below





terminal integration - york mills example



16 bus bays total



GO Bus Terminal Entrance

7 bus bays



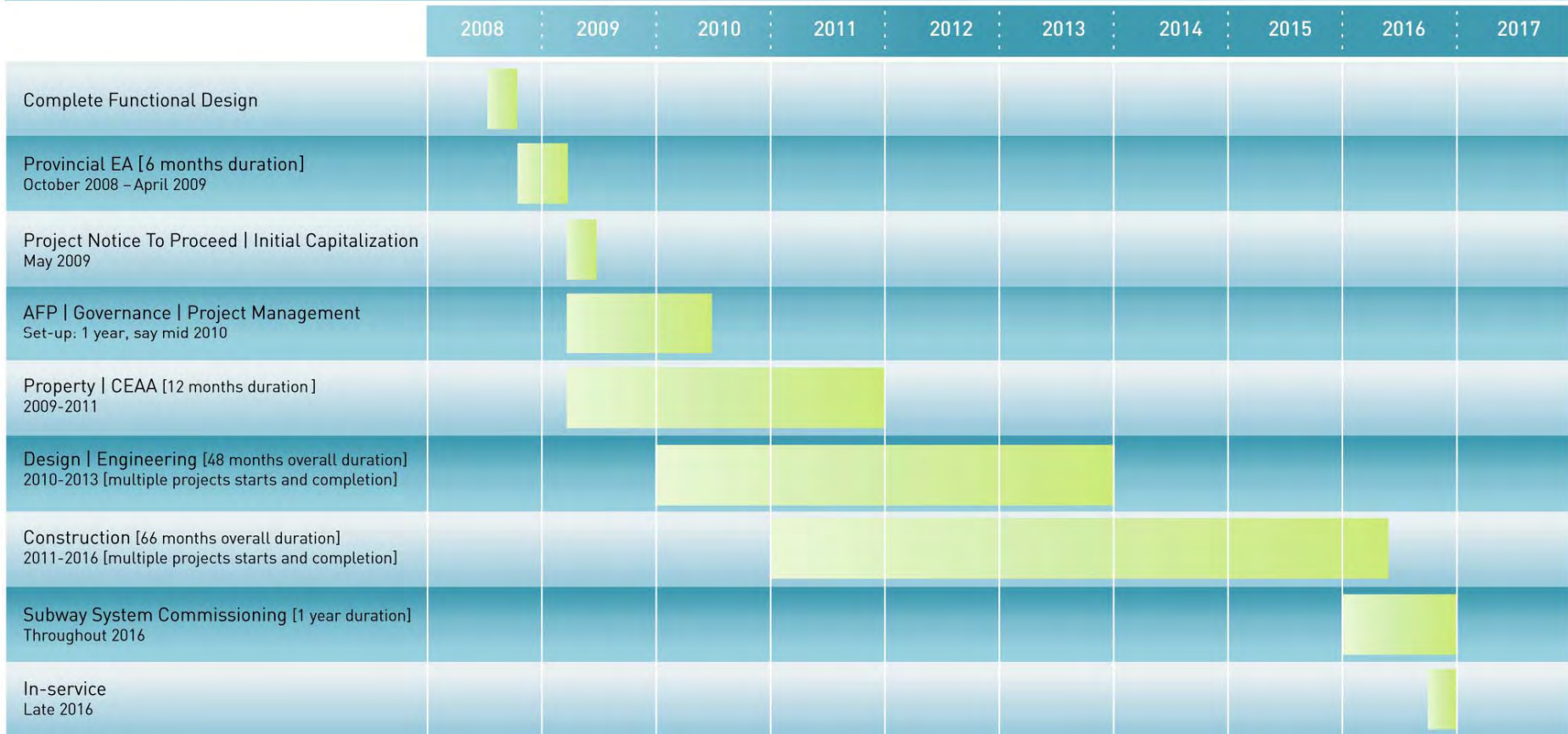
TTC Bus Terminal Entrance

9 bus bays

project schedule



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



Summer 2008

- Stakeholder consultation – July 31 & August 26
- Continued technical work to evolve preferred design

Fall 2008

- Municipal presentations to Committees on preferred design including Toronto
- Public Meeting #2 – September 25
- Public Meeting #3 – November/December