Downsview Major Streets Environmental Assessment (EA) Phase 3-4

Draft Evaluation Criteria for Alternative Design Concepts

(Adapted from short-list evaluation criteria from MESP)

Category 1:	Criteria	Updated Wording
Connectivity and Technical Viability	Mobility Network Performance and Traffic Impacts	Consider geometric designs and lane configurations that meet acceptable traffic operations while also balancing for safety of all road users
		Supports efficient bus operations and minimize bus delay, passenger delay and travel times
		Minimize increase in traffic in adjacent neighbourhoods
	Connections to Existing and Planned Infrastructure	Facilitates logical continuity of existing and planned streets, active transportation, and transit infrastructure to support connectivity and efficiency of networks
		Supports transit routes and access by minimizing impacts to transit access or providing options for transit expansion
	Feasibility and Constructability	Considers key technical challenges and construction complexity (e.g. grading, staging, construction impacts)
	Prioritize Multi-Modal/Non-Auto Travel and Safety	Through design and physical elements, create streets that promote an urban character and improve roadway safety.
		Prioritize the safety and comfort for vulnerable road users while balancing other roadway needs. Includes sufficient widths to accomomdate various design users (e.g. cargo bikes, eletric bikes, electric scooters, etc.); separation of uses and minimizing conflict points
		Consider all types of accessibility and all ages and abilities requirements and best practices
		Alignment with City policies, standards and guidelines

	Stormwater Management and Green Infrastructure	Allows for more opportunities to implement green infrastructure that achieves the most co-benefits (e.g. increases biodiversity, addresses urban heat island, enhances air quality, etc.). over traditional stormwater management strategies, with a priority on GI that requires less maintenance and upkeep Sufficient area for GI to meet stormwater management modelling requirements
		Potential for integration with landscaping and plantings
	Utility Impacts	Minimize utility impacts due to servicing expansion, road widening and green infrastructure
	Metrolinx and Rail coordination	Aligns with Metrolinx design standards and guidelines, allowing for easier Metrolinx approvals
		Minimizes impacts to the rail corridor and rail operations
		Supports any future plans for the rail corridor crossing
Category 2: Socio-	Criteria	
Economic Environment	Construction Staging Impacts	Minimizes temporary construction impacts on surrounding areas, particularly any sensitive uses
		Minimizes impacts to private/commercial accesses
	Streetscaping and Community Benefits	Provides opportunities to improve street vibrance and flexible uses through streetscaping and design thereby supporting sense of place and well being
		Supports access, integration and connectivity to parks, open spaces and nature
	Aligns with DSP and District Planning	Alignment with Downsview Secondary Plan
		Street design supports existing and proposed adjacent land uses and the vision of each District
	Noise Impacts	Impacts to existing and future sensitive areas including residential and institutional uses Complexity of noise mitigation measures (if required)
	Air Quality Impacts	Impacts to existing and future sensitive areas including residential and institutional uses Space dedicated towards street trees to potentially improve air quality
	Property Impacts	Minimize property impacts due to servicing expansion and road widening
		Preference to keep impacts within existing ROW, but where that is not possible, prioritize minimizing residential property impacts

Category 3: Natural	Criteria	
Environment	Natural Environental features	Minimize extent of potential impacts to natural environmental features, including wildlife, SAR, habitat, woodlands, etc.
	Street Trees	Minimizes impacts to existing trees
		Opportunity to create a comfortable street canopy and supports street tree health
	Environmental Sustainability and Resilience	Alignment with City Green Streets standards and guidelines and TransformTO strategies
		Supports climate change resiliency through managing stormwater sustainably and resistence to extreme weather events
		Supports reduction in green house gases
	Inclusion of environmental input from Indigenous perspectives	Number of specific Indigenous measures identified for implementation
Category 4: Cultural	Criteria	
Environment	Built Cultural Heritage Resources	Minimize impacts on built heritage resources (i.e. avoid, modify, relocate or demolish and commemorate)
	Archaeological Resources	Minimize areas and extent of impacts in areas of archaeological potential
	Impacts on Aboriginal and Treaty Rights and use of land/ resources	Indigenous interests identified, and considered collaboratively
	for traditional purposes	Impacts identified can be mitigated or acommodated
		Mitigation and accommodation measures can be developed collaboratively
	Enables and supports a culture of environmental stewardship and cultural uses of the land	Provides opportunities to accommodate Indigenous values
		Indigenous values included in environmental considerations
		Rights-holders involved in collaborative environmental processes

Category 5: Cost	Criteria	
	Life Cycle Costs	Capital costs
		Operational costs (i.e. TTC surface routes)
		Maintenance costs (i.e. degree of maintenance requirements, training requirements)
		Future upgrades / repurposing costs
	Property Costs	Land acquisition costs