Implementing Light Rail Transit in Hamilton



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Moving Canada and the World Toward Transportation Behaviours that are Measurably More Sustainable – Socially, Environmentally and Economically

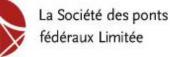








The Federal Bridge Corporation Limited



hamilton international airport





Hamilton



ELECTRIC MOBILITY

CANADA



-//Purolator











Relevant Work

The North American Light Rail Experience: Insights for Hamilton

Prepared for the City of Hamilton April 2012 Shaping Hamilton with Complete Streets

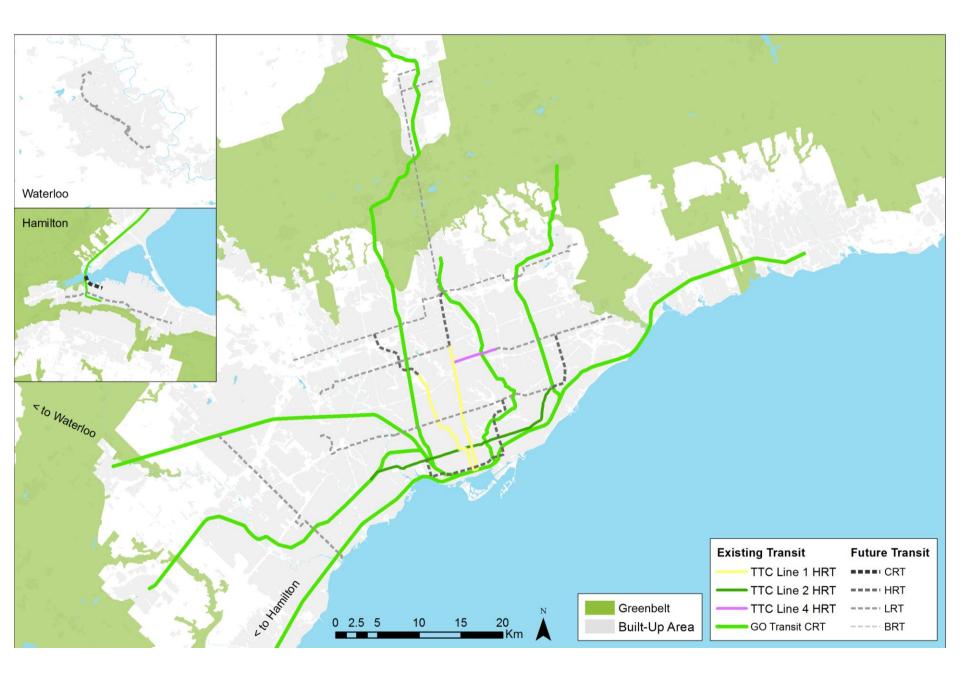
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McMASTER INSTITUTE FOR TRANSPORTATION & LOGISTICS









Benchmarking

• Provide tools for planning and policy analysis

- 1. Transit-Oriented Development
- 2. Land Value Uplift







1. Transit-Oriented Development





LRT in Hamilton





Queen Street Bay Street

Gore Park West Gore ParkEast

Wellington Street/Victoria Avenue

Wenworth Street

Sherman Avenue

Scott PathiGage Avenue

The Delta West The Delta East

Keniwoth Avenue

Queension Traffic Circle

Parkdale Avenue

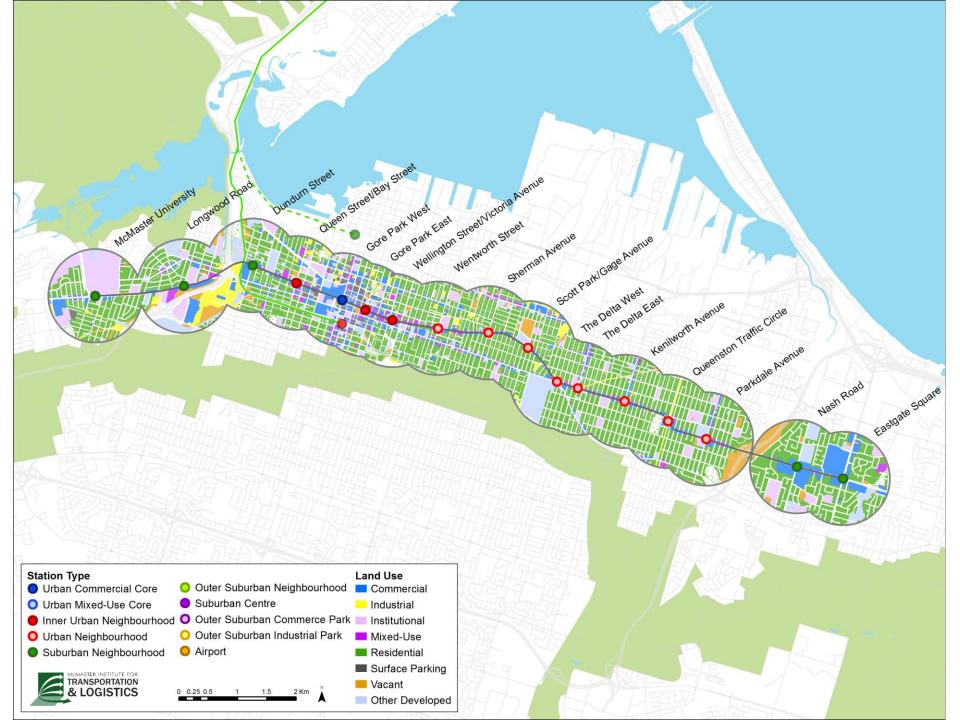
Nash Road

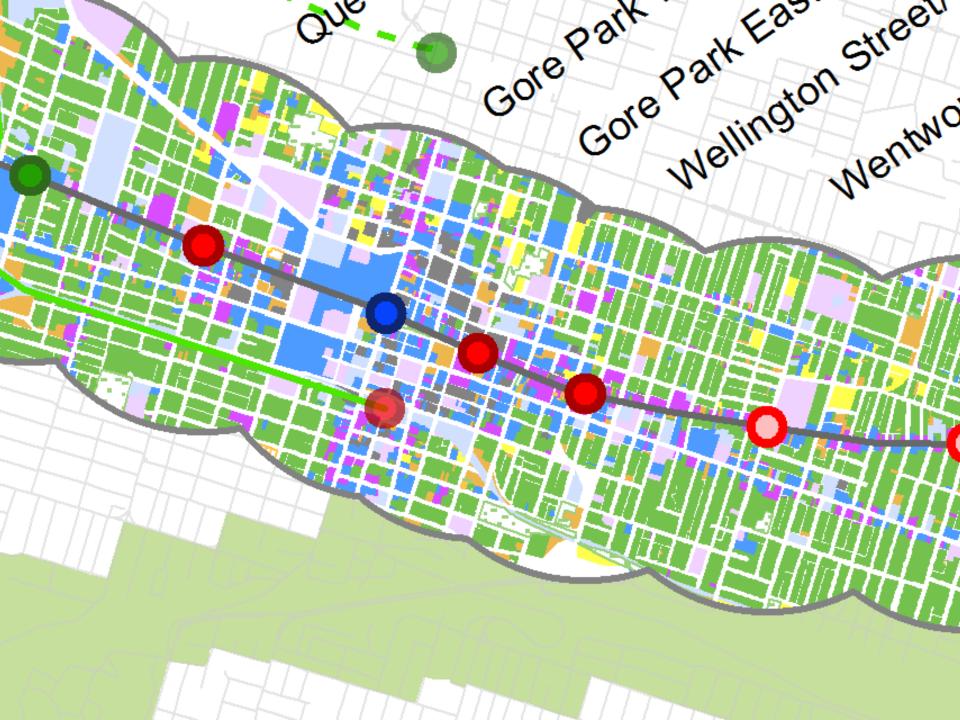
Eastgate Square

bundum Street

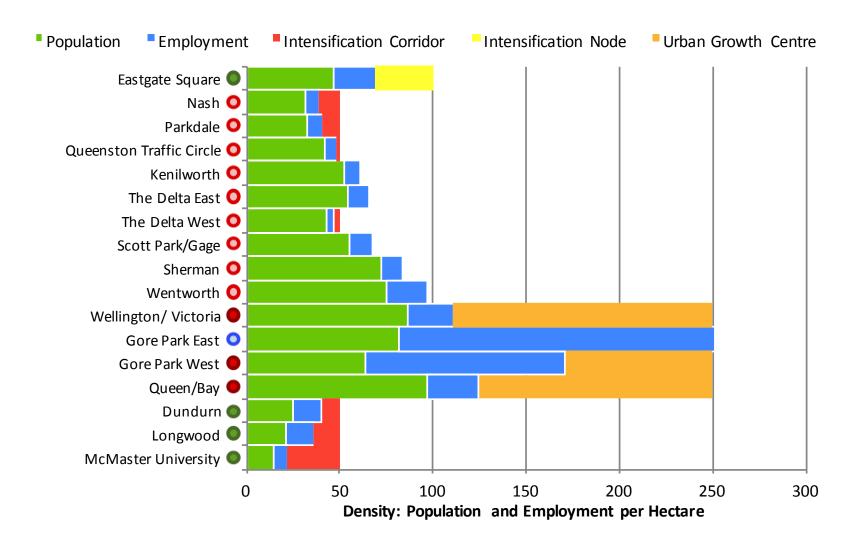
Longwood Road

NCMaster University

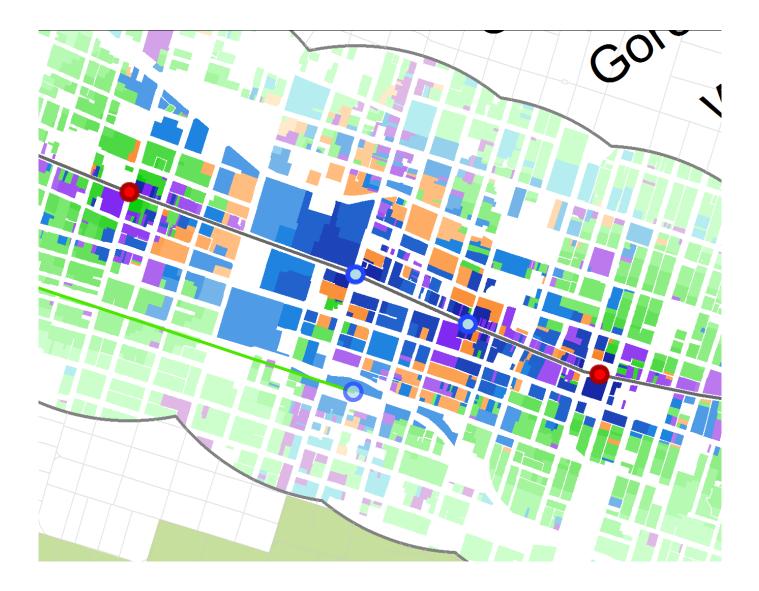


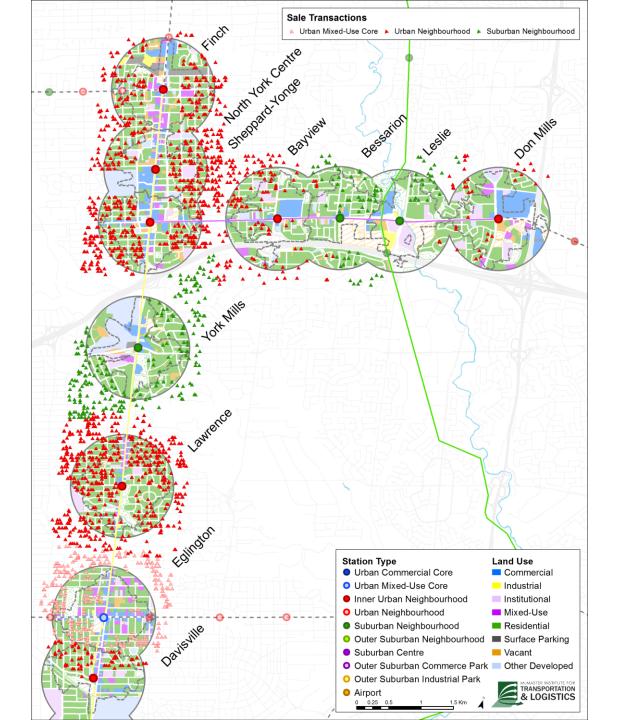


B-Line Population and Employment Densities

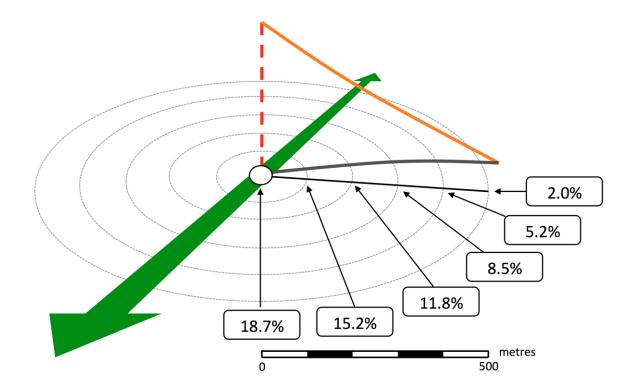


2. Land Value Uplift





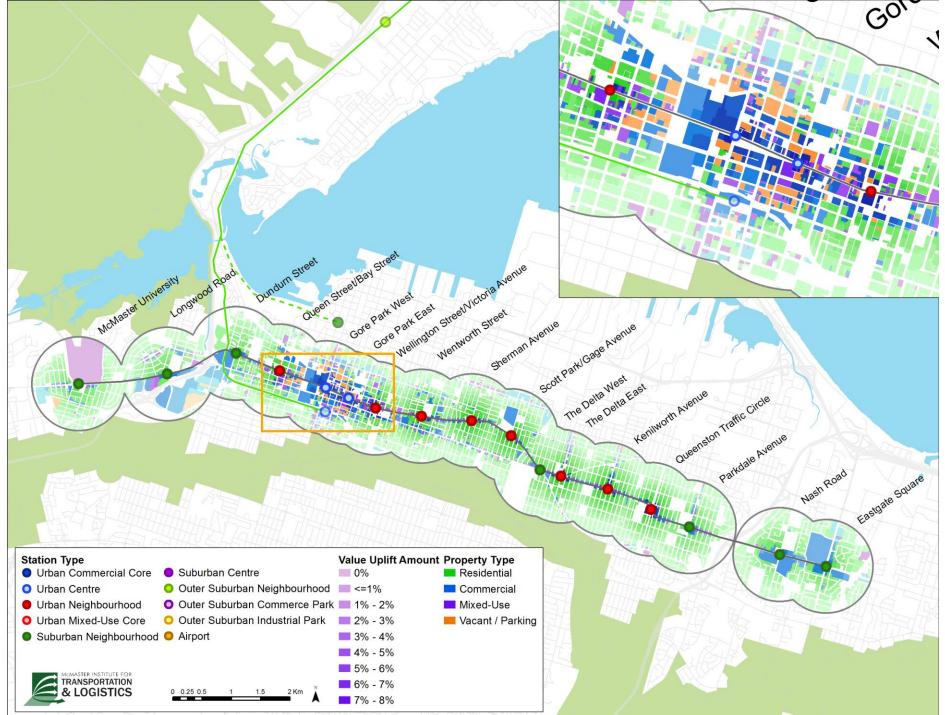
Example LVU Analysis in Toronto Study







LRT in Hamilton



Example Potential Total LVU in Hamilton

	Scenario 1				Scenario 2				Scenario 3			
	Single Detached	Condominium	Commercial	Vacant/ Parking	Single Detached	Condominium	Commercial	Vacant/ Parking	Single Detached	Condominium	Commercial	Vacant/ Parking
Station Type	Maximum Uplift				Maximum Uplift				Maximum Uplift			
• Urb. Comm. Core	0%	2%	4%	4%	2%	4%	7%	7%	2%	15%	15%	20%
Inn. Urb. Neighb.	0%	4%	4%	4%	2%	7%	7%	7%	5%	15%	15%	20%
O Urban Neighb.	2%	3%	3%	3%	4%	6%	6%	6%	10%	15%	10%	15%
Suburban Neighb.	4%	2%	2%	2%	6%	5%	4%	4%	15%	10%	6%	10%
	Total Uplift (\$ Millions)				Total Uplift (\$ Millions)				Total Uplift (\$ Millions)			
Total by Property	29.83	8.55	22.41	1.04	55.14	17.40	41.84	1.95	137.86	40.35	78.33	5.22
Total by Scenario	61.83				116.34				261.76			





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