

List of Rapid Transit/LRT Technical Reports

	Report Name/Components of Report	Consultant	Date
Rapid Transit Feasibility Study (RTFS) Phase 1 (Nov., 2007 – June 2008)	Assessment of Rapid Transit Technologies	McCormick Rankin Corp. (MRC)	May 23, 2008
	Description of Representative Alignments		
	Estimated Capital Costs		
	Transit Supportive Development Policies		
	Ontario Environmental Act		
Rapid Transit Feasibility Study (RTFS) Phase 2 (June 2008 – Dec. 2008)	Terms of Reference: Preliminary Design Analysis and Environmental Project Report	McCormick Ranking Corp. (MRC)	November 1, 2008
	Staging Analysis		
	Niagara Escarpment Crossing Functional Investigation		
	Traffic Operations Analysis		
Rapid Transit Feasibility Study (RTFS) Phase 3 (Dec. 2008 – Dec. 2009)	Acoustic Assessment Report	Dillon Consulting Limited	March 1, 2009
	Air Quality Assessment Report	Dillon Consulting Limited	March 1, 2009
	Stage 1 Archeological Assessment	Archaeological Services Inc.	February 1, 2009
	Cultural Heritage Assessment Report: Built Heritage Resources and Cultural Heritage Landscapes	Archaeological Services Inc.	February 2009 (Revised March 2009)
	Community Impact & Economic Analysis of Light Rail Transit	Rapid Transit, City of Hamilton	Dec. 2008
	Consultation Report: City of Hamilton Rapid Transit Initiative Consultation Record	Dillon Consulting Limited	April 1, 2009
	Economic Potential Study	IBI in association with HDR	March 1, 2009
	Functional Planning Analysis: B-Line Corridor	MRC	April 1, 2009
	Hydrogeology Report	Dillon Consulting Limited	March 1, 2009
	Water Resources Memo	City of Hamilton	January 29, 2009
	LRT Underground (Subsurface) Impact Study	AECOM Canada Ltd.	March 1, 2009
	Maintenance Facility – Site Assessment Study (confidential)	dba Environmental Service, MRC and Urban Strategies Inc.	January 30, 2009
	Light Rail Technology Overview & Analysis	Rapid Transit, City of Hamilton	April 1, 2009
	Terrestrial and Avian Ecology Report	Dillon Consulting Limited	March 1, 2009
	B-Line Route Analysis	MRC	February 1, 2009
	Modelled Mobility Impacts 2031		
Rapid Transit Feasibility Study (RTFS) Phase 1, 2 & 3 Overall Summary	Technical Report: Summary Overview of the City of Hamilton Rapid Transit Initiative	Dillon Consulting Limited	April 1, 2009
METROLINX BCA	B-Line Benefits Case Analysis	Metrolinx, Hamilton, Steer Davies Gleave	October 1, 2009
Rapid Transit Feasibility Study (RTFS) Phase 4 (May 2009 – Current)	McMaster University: LRT alignment and stop locations	Steer Davies Gleave	January 1, 2010
	Rapid Transit Transition Study	IBI Group	December 1, 2009
	Parking and Loading Study	MRC	February 1, 2010
	Accessibility Implications Analysis	MRC	October 1, 2009
	Analysis of Innovation Park Options	MRC	April 1, 2009
	Hamilton Light Rail Transit Initial Design Study	IBI Group	December 1, 2009
	Preliminary Assessment of LRT operations	IBI Group	March 1, 2010
	A –Line BRT Feasibility Study	AECOM	March 1, 2010
B-Line Value Uplift Study	CUI	June 1, 2010	

Hamilton Rapid Transit Preliminary Design and Feasibility Study (\$3m PDE)	A-Line LRT Feasibility Assessment – Draft Report	Steer Davies Gleave	July 1, 2010	
	MSF Location and Requirements v1.0 (Confidential)	Steer Davies Gleave	Jan. 2010	
	Hamilton LRT EMME Model Validation Final Report	Steer Davies Gleave	March 1, 2011	
	B-Line Highway 403 Bridge Crossings Options Version 1.0	Steer Davies Gleave	March 1, 2011	
	Post Consultation Alignment Changes Memo	Steer Davies Gleave	March 1, 2011	
	B-Line Traffic Lane Widths Version 1.0	Steer Davies Gleave	March 1, 2011	
	Hamilton Rapid Transit VISSIM Model Report Final Report	Steer Davies Gleave	July 1, 2011	
	B-Line and A-Line Integrated Transit System Operations Plan Version 1.0	Steer Davies Gleave	Sept. 2011	
	B-Line Track Plan Report Version 2.0	Steer Davies Gleave	Feb. 2012	
	B-Line Trackwork Design Brief Version 2.0	Steer Davies Gleave	Feb. 2012	
	B-Line Preliminary Drainage Report Version 1.0	Steer Davies Gleave	Oct. 2011	
	B-Line Project Constraints Assessment Version 2.0	Steer Davies Gleave	Feb. 2012	
	B-Line Red Hill Valley Parkway Structural Design Brief Version 2.0	Steer Davies Gleave	Feb. 2012	
	B-Line Signaling System Design Brief Version 2.0	Steer Davies Gleave	Feb. 2012	
	B-Line Environmental Project Report v1.0, Appendix A, B, C and D	Steer Davies Gleave	Oct. 2011 (revised and completed Dec. 2011)	
	B-Line Structural Assessment Design Brief Version 1.0	Steer Davies Gleave	Nov. 2011	
	B-Line Construction Phasing Strategy & Traffic Management Report Version 2.0	Steer Davies Gleave	Feb. 2012	
	B-Line Risk Assessment Report Version 2.0	Steer Davies Gleave	Feb. 2012	
	B-Line Safety and Security Plan Version 1.0	Steer Davies Gleave	Nov. 2011	
	B-Line Traction Power Design Brief and Appendix Version 2.0	Steer Davies Gleave	Feb. 2012	
	B-Line Utility Relocation Strategy Guidelines Version 2.0	Steer Davies Gleave	Feb. 2012	
	B-Line Preliminary Operations & Maintenance Plan Version 1.0	Steer Davies Gleave	Nov. 2011	
	B-Line Project Implementation Plan Version 1.0	Steer Davies Gleave	Nov. 2011	
		A-Line Record of Public Consultation Version 1.0	Steer Davies Gleave	Jan. 2012
		A-Line Economic Potential Impact Report Version 2.0	Steer Davies Gleave	Feb. 2012
		B-Line & A-Line System Design Guide Version 1.0	Steer Davies Gleave	Jan. 2012
		B-Line Cost Estimate Report Version 1.0	Steer Davies Gleave	Feb. 2012
		A-Line Built Heritage and & Cultural Landscapes Inventory Version 2.0	Steer Davies Gleave	Feb. 2012
		A-Line Acoustic & Air Quality Impact Review Version 2.0	Steer Davies Gleave	Feb. 2012
	A-Line Natural Environment Inventory & Impact Identification Version 2.0	Steer Davies Gleave	Feb. 2012	
	A-Line Stage 1 Archaeological Assessment Version 2.0	Steer Davies Gleave	Feb. 2012	
Making the Case Final Technical Reports and Environmental Assessment	Transportation Case Review – Working Paper	Steer Davies Gleave	Aug. 2011	
	B-Line Funding, Financing and Procurement Options – Final Working Paper	Steer Davies Gleave	Nov. 2011	
	Making the Case Summary Document			
Final Technical Reports and Environmental Assessment	Book 1: B-Line			
	<ul style="list-style-type: none"> • Cover and Table of Contents • Environmental Project Report • Appendix A – B-line LRT Design Templates (384MB) • Appendix C • Appendix D – Agency Comments on EPR and Team 			

	<p>Responses</p> <ul style="list-style-type: none"> • Main King Queenston Corridor Strategy Study (32MB) 		
	<p>Book 2: B-Line</p> <ul style="list-style-type: none"> • Cover and Table of Contents • Appendix B: Environmental Project Report (237MB) 		
	<p>Book 3: B-Line</p> <ul style="list-style-type: none"> • Cover and Table of Contents • Geotechnical Design Brief (37MB) • Design Criteria • Track Plan 		
	<p>Book 4: B-Line</p> <ul style="list-style-type: none"> • Cover and Table of Contents • Construction Phasing Strategy & Traffic Management Report Version: 2.0 • Cost Estimate Report • Highway 403 • Post Consultation Alignment Changes • Preliminary Drainage Report • Preliminary Operations & Maintenance Plan • Project Constraints Assessment • Project Implementation Plan • Red Hill Valley Parkway Structural Design Brief • Risk Assessment Report • Safety And Security Plan • Signaling System Design Brief • Structural Assessment Design Brief • Track Plan Report • Trackwork Design Brief • Traffic Lane Widths • Utility Relocations Strategy Guidelines 		
	<p>Book 5: B-Line</p> <ul style="list-style-type: none"> • Cover and Table of Contents • Evaluation of Phasing Scenarios • Maintenance Storage Facility • 1.HMM Memo Re: Hamilton LRT Spurline MS • 2.Maintenance Facility Sites Review • 3.Connecting Track Route Option Evaluation • 4. Option 8 Alignment • 5.Maintenance & Storage Facility Concept Design Option 3 • 6. Maintenance & Storage Facility Concept Design Option 4 • 7.Maintenace Storage Facility Estimate • 8.McMater Gas and Sewer • 9.Spur Line Total CAPEX Summary • 10.Option 8 Spur Line Utility Relocation Capital Costs • 11.Stage 1 Archaeological Assessment • 12.Cultural Heritage Assessment • 13. Detailed Vibration Impact Assessment • 14. LRT Electromagnetic Field Study • 15. LRT Electromagnetic Field Study – Appendix A – Methodology & Detailed Calculations 		
	<p>Book 6: A And B-Line</p> <ul style="list-style-type: none"> • Cover and Table of Contents • System Design Guide • Integrated Transit System Operations Plan • City Wide Corridor Planning Principles and Design Guidelines 		
	<p>Book 7: A-Line</p> <ul style="list-style-type: none"> • Cover and Table of Contents • Acoustic & Air Quality Impact Review • Stage 1 Archaeological Assessment • Built Heritage & Cultural Landscapes Inventory 		
	<p>Book 8: A-Line</p> <ul style="list-style-type: none"> • Cover and Table of Contents • A-Line Cover Letter Planning Sign-off • Initial Feasibility & Opportunities Report • Appendix A – Initial Feasibility & Opportunities 		

	Report		
	Book 9: A-Line <ul style="list-style-type: none">• Cover and Table of Contents• A-Line Cover Letter Planning Sign-off• Economic Potential Impact Report• Utilities Assessment Report• Natural Environment Inventory & Impact Identification• Record of Public Consultation		