

	P	LEASE	MAKE SURE TO READ	SPECIAL NOTES &	INSTRUCTIONS FOR	EACH PERSO	N BEFORE	SENDING OUT NOTICES	*	Issue Date: 10/27/2015
Last Name	First Name	Title	Job Title	Organization	Street Address	City and Province	Postal Code	Contact Information	Link to Documents/ Webpages	Special Notes and Instructions
City of Hamilton St	aff **TO BE SENT	ELECTRO	ONIC COPY OF MAILOUT***							
Ariyo	John	Mr.	Manager, Community Initiatives	Neighbourhood and Community Initiatives	28 James Street North, 5th Floor	Hamilton, ON	L8R 2K1	905-546-2424 x1564		To be emailed a pdf copy of the mailout
Barnhart	Steve	Mr.	Manager of Forestry & Horticulture	Environmental Services	77 James Street North, Suite 400	Hamilton, ON	L8R 2K3	905-546-2424 x3919		To be emailed a pdf copy of the mailout
Bradford	Anna	Ms.	Director of Tourism and Culture	Planning and Economic Development	28 James St. N., 2nd Floor	Hamilton, ON	L8R 2K1	905-546-2424 x3967		To be emailed a pdf copy of the mailout
Brovac	George	Mr.	Manager, Accessible Transportation Services	Transit (HSR)	2200 Upper James	Mount Hope, ON	LOR 1W0	905-679-7305 x1666		in charge of hiring DARTS services
Browett	Brent	Mr.		City of Hamilton	110 King Street West	Hamilton, ON	L8P 4S6	905-546-2424 x2230		To be emailed a pdf copy of the mailout
Brown	Jack	Mr.	Division Director, Recreation Community & Emergency Services Department	City of Hamilton	Lister Block, 28 James St. N., 3rd Floor Mailing Address: PO Box 2040	Hamilton, ON	L8P 4Y5 (for mailing address)	905-546-2424 x2723		To be emailed a pdf copy of the mailout
Brown	Suzanne	Ms.	Director	Neighbourhood and Community Initiatives	28 James Street North, 5th Floor	Hamilton, ON	L8R 2K1	905-546-2424 x5598		To be emailed a pdf copy of the mailout
Caterini	Rose	Ms.	City Clerk	City Managers Office	71 Main Street West, 1st Floor	Hamilton, ON	L8P 4Y5	905-546-2424 x5409		To be emailed a pdf copy of the mailout
Carter	Maxine	Ms.	Manager, Access & Equity	City of Hamilton	71 Main Street West, 2nd Floor	Hamilton, ON	L8P 4Y6	905-546-2424 x6419		To be emailed a pdf copy of the mailout
Chauvin	Dan	Mr.	Director of Woodward Upgrades	Public Works	77 James St. N., Suite 400	Hamilton, ON	L8H 6P4	905-546-2424 x5988		To be emailed a pdf copy of the mailout
Cunliffe	Dave	Mr.	Deputy Fire Chief	Hamilton Fire Department	1227 Stone Church Road East	Hamilton, ON	L8W 2C6	905-546-2424 x3340		To be emailed a pdf copy of the mailout
DeCaire	Glen	Mr.	Commander in Charge	Hamilton Police Service				gdecaire@hamiltonpolice.on.ca		To be emailed a pdf copy of the mailout
DeJager	Shawn	Mr.	Senior Project Manager	Hamilton Fire Department	1227 Stone Church Road East, 3rd Floor	Hamilton, ON	L8W 2C6	905-546-2424 x3378		To be emailed a pdf copy of the mailout
DiDomenico	Jennifer	Mr.	Manager of Policy and Programs	Public Works	77 James St. N., Suite 400	Hamilton, ON	L8R 2K3	905-546-2424 x5596		To be emailed a pdf copy of the mailout
Dixon	David	Mr.	Director of Transportation	Public Works	2200 Upper James Street	Mount Hope, ON	L0R 1W0	905-546-2424 x1860		To be emailed a pdf copy of the mailout
Ehrenberg	Udo	Mr.	Manager of Infrastructure Planning & Systems Design	Hamilton Water	77 James Street North, Suite 400	Hamilton, ON	L8R 2K3	90-546-2424 x2499		To be emailed a pdf copy of the mailout
Eisenberger	Fred	Mr.	Mayor	City of Hamilton	71 Main Street West, 2nd Floor	Hamilton, ON	L8P 4Y5	905-546-2424 x4200		To be emailed a pdf copy of the mailout
Everson	Neil	Mr.	Acting General Manager	Planning & Economic Development	71 Main St W 7th flr	Hamilton, ON	L8P 4Y5	905-546-2424 x2359		To be emailed a pdf copy of the mailout
Golden	Alissa	Ms.	Cultural Heritage Planner (Urban)	Planning & Economic Development	71 Main Street West, 5th Floor	Hamilton, ON	L8P 4Y5	905-546-2424 x1214	PLANNING Development Team Boundaries 2014.pdf	Please see link for detailed map Please note for Rural, please contact both Alissa Golden and Chelsea Tyers
Grice	Andrew	Mr.	Director, Water & Wastewater Operations	Public Works	77 James St. N., Suite 400	Hamilton, ON	L8R 2K3	905-546-2424 x1461		To be emailed a pdf copy of the mailout To be emailed a pdf copy of the mailout
Guilmette	Jodi	Ms.	Manager, Early Years	Social Development & Early Childhood Services Division	Lister Block, 28 James St. N., 6th Floor	Hamilton, ON	L8R 2K3	905-546-2424 x3590		To be emailed a pdf copy of the mailout
Hazell	Marty	Mr.	Senior Director, Parking and By-law Services	City of Hamilton	77 James Street North, Suite 250	Hamilton, ON	L8R 2K3	905-546-2424 x4588		To be emailed a pdf copy of the mailout

Hendry	Gillian	Ms.	Director, Housing Services	Community & Emergency Services	350 King Street East, Suite	Hamilton, ON	L8N 3Y3	905-546-2424 x4818		To be emailed a pdf copy of the mailout
Homerski	Philip	Mr.	Information and Business Advisor	Corporate Assets & Strategic Planning	77 James St N, Suite 400	Hamilton, ON	L8R 2K3	905-546-2424 x5620 Cell: 905-977-1494		To be emailed a pdf copy of the mailout
Janssen	Bill	Mr.		Planning & Economic Development	71 Mains St W 4th Flr	Hamilton, ON	L8P 4Y5	905-546-2424 x1261		To be emailed a pdf copy of the mailout
Johnson	Paul	Mr.	<u> </u>	City Managers Office	71 Main Street West, 2nd Floor	Hamilton, ON	L8P 4Y5	905-546-2424 x5639		To be emailed a pdf copy of the mailout
Kiddie	Melissa	Ms.	Natural Heritage Planner (Suburban)	Planning & Economic Development	71 Main Street W., 5th Floor	Hamilton, ON	L8P 4Y5	905-546-2424 x1290	PLANNING Development Team Boundaries 2014.pdf	Please see link for detailed map Please note for Urban, please contact both Melissa Kiddie and Cathy Plosz
Kirkpatrick	Al	Mr.	Manager, Transportation Management	Public Works	77 James St. N., Suite 400	Hamilton, ON	L8R 2K3	905-546-2424 x4173		To be emailed a pdf copy of the mailout To be emailed a pdf copy of the mailout
Lee-Morrison	Christine	Ms.	Manager, Transit Strategy and Infrastructure	Transit (HSR)	2200 Upper James Street	Mount Hope, ON	LOR 1W0	905-546-2424 x6390		To be emailed a pdf copy of the mailout
Lubrick	Kerry	Ms.	Director, Employment and Income Support	Community Services	181 Main St W 3rd floor	Hamilton, ON	L8P 4S1	905-546-2424 x4855		To be emailed a pdf copy of the mailout
Lukasik	Laura	Ms	Manager, Partnerships & Ourtreach	Hamilton Public Library	55 York Boulevard, P.O. Box 2700	Hamilton, ON	L8N 4E4	905-546-3200 x7861 Ilukasik@hpl.ca Ilukasik@hamilton.ca		To be emailed a pdf copy of the mailout
MacAuley	Jim	Mr.	8 Implementation	Public Works		Hamilton, ON	L8L 5W2	905-546-2424 x2993		To be emailed a pdf copy of the mailout
Maloney	Eileen	Ms.	Improvement Areas	Planning & Economic Development	71 Main St W 7th flr	Hamilton, ON	L8P 4Y5	905-546-2424 x2632		To be emailed a pdf copy of the mailout
Marchesan	Carm	Ms.		Legal Services	45 Main Street East, Suite 408	Hamilton, ON	L8N 2B7			To be emailed a pdf copy of the mailout
Matthews-Malone	Betty	Ms.	Director of Operations	Public Works	77 James St. N., Suite 400	Hamilton, ON	L8R 2K3	905-546-2424 x4622		To be emailed a pdf copy of the mailout
McCauley	Shane	Mr.	Manager, Customer Service and Community Outreach	Public Works	330 Wentworth Street North	Hamilton, ON	L8L 5W2	905-546-2424 x1020		To be emailed a pdf copy of the mailout
McKinnon	Dan	Mr.	Director of Hamilton Water	Public Works	77 James St. N., Suite 400	Hamilton, ON	L8R 2K3	905.546.2424 x5941		To be emailed a pdf copy of the mailout
McMullen (replacing Tony Tollis)	Brian	Mr.	City Treasurer	Corporate Services	71 Main St W 1st Flr	Hamilton, ON	L8P 4Y5	905-546-2424 x4549		To be emailed a pdf copy of the mailout
Murdoch	Craig	Mr.	Director of Environmental Services	Public Works	77 James St. N., Suite 400	Hamilton, ON	L8R 2K3	905-546-2424 x4490		To be emailed a pdf copy of the mailout
Norman	Robert	Mr.	Director, Strategic Planning	Public Works	77 James St. N., Suite 400	Hamilton, ON	L8R 2K3	905-546-2424 x2298		To be emailed a pdf copy of the mailout
Norton	Glen	Mr.	Manager, Urban Renewal	Planning & Economic Development	71 Main Street West, 7th Floor	Hamilton, ON	L8P 4Y5	905-546-2424 x 5780		To be emailed a pdf copy of the mailout
Osborne	Brenda	Ms.	Director, City Housing	City Housing Hamilton	55 Hess St S 23rd Flr	Hamilton, ON	L8N 4E5	905-546-2424 x4604		To be emailed to Teresa Herechuk, Administrative Assistant to Brenda Osborne at Teresa.Herechuk@hamilton.ca
Paparella	Guy	Mr.	Director of Growth Planning	Planning & Economic Development	71 main St W 6th flr	Hamilton, ON	L8P 4Y5	905-546-2424 x5807		To be emailed a pdf copy of the mailout
Plosz	Catherine	Ms.	Natural Heritage Planner	Planning & Economic Development	71 Main St W 5th Flr	Hamilton, ON	L8P 4Y5	905-546-2424 x1231	PLANNING Development Team Boundaries 2014.pdf	Please see link for detailed map Please note for Urban, please contact both Melissa Kiddie and Cathy Plosz
Posedowski	Bert	Mr.	Manager of Sustainable Initiatives	Hamilton Water	77 James Street North, Suite 400	Hamilton, ON	L8R 2K3	905-546-2424 x 3199		To be emailed a pdf copy of the mailout To be emailed a pdf copy of the mailout
Prpic	Emil	Mr.	Manager Recycling &	Public Works	77 James Street North, Suite 400	Hamilton, ON	L8R 2K3	905-546-2424 x4203		To be emailed a pdf copy of the mailout

Richardson	Elizabeth	Dr.	Medical Officer of Health	Pubic Health Services	1 Hughson St. N., 4th Floor	Hamilton, ON	L8R 3L5	905-546-2424 x3502		To be emailed a pdf copy of the mailout
Robichaud	Steve	Mr.	Director of Planning	Planning & Economic Development	71 Main Street West, 6th Floor	Hamilton, ON	L8P 4Y5	905-546-2424 x4281		To be emailed a pdf copy of the mailout
Seely	Le'Ann	Ms.	Manager, Landscape Architectual Services	Public Works	77 James Street North, Suite 400	Hamilton, ON	L8R 2K3			To be emailed a pdf copy of the mailout
Sergi	Michelle	Ms.	Manager, Community Planning	Planning & Economic Development	71 Main St W 6th flr	Hamilton, ON	L8P 4Y5	905-546-2424 x1281		To be emailed a pdf copy of the mailout
Sergi	Tony	Mr.	Senior Director, Growth Management	Planning & Economic Development	71 Main St W 6th flr	Hamilton, ON	L8P 4Y5	905-546-2424 x2274		To be emailed a pdf copy of the mailout
Smith	Darrell	Mr.	Manager, Development Engineering	Planning & Economic Development	71 Main Street West, 5th Floor	Hamilton, ON	L8P 4Y5	905-546-2424 x1322		To be emailed a pdf copy of the mailout
Storey	Angela	Ms.	Manager of Business and Support Services	Public Works	77 James Street North, Suite 400	Hamilton, ON	L8R 2K3	905-546-2424 x6483		To be emailed a pdf copy of the mailout
Thorne	Jason	Mr	General Manager	Planning & Economic Development	71 Main Street West, 7th Floor	Hamilton, ON	L8P 4Y5	905-546-2424 x4339		To be emailed a pdf copy of the mailout
Tomasik	Helen Hale	Ms.	Executive Director Human Resources	City Managers Office	120 King St. W 9th Flr	Hamilton, ON	L8P 4V2	905-546-2424 x4155		To be emailed a pdf copy of the mailout
Tyers	Chelsey	Ms.	Cultural Heritage Planner (Suburban)	City of Hamilton	71 Main Street West, 5th Floor	Hamilton, ON	L8P 4Y5	905-546-2424 x1202	PLANNING Development Team Boundaries 2014.pdf	Please see link for detailed map Please note for Rural, please contact both Alissa Golden and Chelsea Tyers
White	Martin	Mr.	Manager, Traffic	Public Works	1375 Upper Ottawa St.	Hamilton, ON	L8W 3L5	905-546-2424 x4345		To be emailed a pdf copy of the mailout
Yong-Lee	Sally	Ms.	Operations Manager, Infrastructure	Planning & Economic	71 Main Street West, 7th	Hamilton, ON	L8P 4Y5	905-546-2424 x1428		To be emailed a pdf copy of the mailout To be emailed a pdf copy of the mailout
Zegarac	Mike	Mr.	Planning Director, Financial Planning & Policy	Development Corporate Services	Floor 71 Main Street West, 1st Floor	Hamilton, ON	L8P 4Y5	905-546-2424 x2739		To be emailed a pdf copy of the mailout
Councillors			a rolley		1 1001					
Collins	Chad	Mr.	Councillor, Ward 5	City of Hamilton	71 Main Street West, 2nd Floor	Hamilton, ON	L8P 4Y5	905-546-2716		To be emailed a pdf copy of the mailout
Conley	Doug	Mr.	Councillor, Ward 9	City of Hamilton	71 Main Street West, 2nd Floor	Hamilton, ON	L8P 4Y5	905-546-2424 x 2703		To be emailed a pdf copy of the mailout
Duvall	Scott	Mr.	Councillor, Ward 7	City of Hamilton	71 Main Street West, 2nd Floor	Hamilton, ON	L8P 4Y5	905-546-2706		To be emailed a pdf copy of the mailout
Farr	Jason	Mr.	Councillor, Ward 2	City of Hamilton	71 Main Street West, 2nd Floor	Hamilton, ON	L8P 4Y5	905-546-2424 x2711		To be emailed a pdf copy of the mailout
Ferguson	Lloyd	Mr.	Councillor, Ward 12	City of Hamilton	71 Main Street West, 2nd Floor	Hamilton, ON	L8P 4Y5	905-546-2424 x2704		To be emailed a pdf copy of the mailout
Green	Matthew	Mr.	Councillor, Ward 3	City of Hamilton	71 Main Street West, 2nd Floor	Hamilton, ON	L8P 4Y5	905-546-2424 x 2702		To be emailed a pdf copy of the mailout
Jackson	Tom	Mr.	Councillor, Ward 6	City of Hamilton	71 Main Street West, 2nd Floor	Hamilton, ON	L8P 4Y5	905-546-2707		To be emailed a pdf copy of the mailout
Johnson	Aidan	Mr.	Councillor, Ward 1	City of Hamilton	71 Main Street West, 2nd Floor	Hamilton, ON	L8P 4Y5	905-546-2424 x2416		To be emailed a pdf copy of the mailout
Johnson	Brenda	Ms.	Councillor, Ward 11	City of Hamilton	71 Main Street West, 2nd Floor	Hamilton, ON	L8P 4Y5	905-546-2424 x4513		To be emailed a pdf copy of the mailout
Merulla	Sam	Mr.	Councillor, Ward 4	City of Hamilton	71 Main Street West, 2nd Floor	Hamilton, ON	L8P 4Y5	905-546-4512		To be emailed a pdf copy of the mailout
Partridge	Judi	Ms.	Councillor, Ward 15	City of Hamilton	72 Main Street West, 2nd Floor	Hamilton, ON	L8P 4Y5	905-546-2424 x2713		To be emailed a pdf copy of the mailout
Pasuta	Robert	Mr.	Councillor, Ward 14	City of Hamilton	73 Main Street West, 2nd Floor	Hamilton, ON	L8P 4Y5	905-546-2705		To be emailed a pdf copy of the mailout
Pearson	Maria	Ms.	Councillor, Ward 10	City of Hamilton	74 Main Street West, 2nd Floor	Hamilton, ON	L8P 4Y5	905-546-2424 x2701		To be emailed a pdf copy of the mailout

Vander Beek	Arlene	Ms.	Councillor, Ward 13	City of Hamilton	75 Main Street West, 2nd Floor	Hamilton, ON	L8P 4Y5	905-546-2424 x 2714	To be emailed a pdf copy of the mailout
Whitehead	Terry	Mr.	Councillor, Ward 8	City of Hamilton	76 Main Street West, 2nd Floor	Hamilton, ON	L8P 4Y5	905-546-2424 x2712	To be emailed a pdf copy of the mailout
Other Municipalities									
		Sir/Madam	Town Clerk	Town of Milton	43 Brown Street	Milton, ON	L9T 5H2	905-878-7252	
Belanger	Dave	Mr.	Manager - Water Supply	City of Guelph	29 Waterworks Place	Guelph, ON	N1E 6L9	519-837-5627 X251	
, and the second			Program	'				Fax 519-822-8837	
								dbelange@city.guelph.on.ca	
Carman	Jayne	Ms.	County Clerk	Brant County	P.O. Box 160	Burford, ON	N0E 1A0	519-449-2451	
	,	1					1	Fax 519-449-2454	
Fletcher	Kris	Ms.	Regional Clerk, Clerks &	Regional Municipality of	150 Frederick Street, 1st	Waterloo, ON	N2G 4J3	519-575-4561	
			Administrator's Office	Waterloo	Floor	, -		Fax 519-575-4481	
Hammer	John	Mr.	Director, Transportation	Regional Municipality of	150 Frederick Street, 1st	Waterloo, ON	N2G 4J3	519-575-4401	
				Waterloo	Floor		10	Fax 905-575-4453	
Howarth	Tim	Mr.	Water Wastewater	The Corporation of	1162 Regional Road 8	Cayuga, ON	N0A 1E0	905-318-5962 x177	
i iomarar	1		Technologist	Haldimand County	Troz regionar redu o	Cayaga, Cit	110,1120	Fax 905-772-3779	
			Toolinging	Transmaria Sourity				thowarth@haldimandcounty.on.ca	
								unowarth@naramanacounty.on.oa	
Lancaster	Janice	Ms.	City Clerk	Haldimand County	45 Munsee St. N.	Cayuga, ON	N0A 1E0		
Langley	Carolyn	Ms.	Regional Clerk	Township of West Lincoln	P.O. Box 400	Smithville, ON	L0R 2A0	800-350-3876	
					318 Canborough St.			Fax 905-957-3219	
								carolynlangley@westlincoln.com	
Law	Brenda	Ms.	Clerk / Treasurer	Township of Puslinch	7404 Wellington Rd. 34 -	Guelph, ON	N1H 6H9	519-763-1226	
					Aberfoyle RR #3	' '		Fax 519-763-5846	
Mitchell	Alex	Mr.	City Clerk	City of Cambridge	50 Dickson Street - 2nd Floor	Cambridge, ON	N1R 5W8	519-740-4680	
					P.O . Box 669			clerks@city.cambridge.on.ca	
Mordue	Rodger	Mr.	CAO / Clerk	Township of North	1171 Greenfield Road	Cambridge, ON	N1R 5S5	519-621-0340	
				Dumfries	RR #4			Fax 519-623-7641	
Morgan	Angela	Ms.	City Clerk	City of Burlington	426 Brant St.	Burlington, ON	L7R 3Z6	905-335-7600 ext.7702	
3			' '] ,	P.O. Box 5013			Fax 905-335-7881	
			Regional Clerk	Regional Municipality of	2201 St. David's Road	Thorold, ON	L2V 4T7	905-685-1571 x3226	
				Niagara	Box 1042	,		Fax 905-687-4977	
Prno	John	Mr.	Director, EMS	Pagion of Waterles Bublis	99 Regina St. S., 6th Floor	Waterloo, ON	N2J 4V3	519-883-2315	
FIIIO	JOHN	IVII .	Director, Elvis	Health	199 Regina St. S., 6th Floor	Ivvalerioo, ON	N23 4V3	Fax 519-880-9150	
Danian	17	NA:	Associate Director		2201 St. David's Road	Thereld ON	1 OV 4T7		
Ranjan	Kumar	Mr.	Transportation Planning	Niagara Region	2201 St. David's Road	Thorold, ON	L2V 4T7	905-685-1571 x3226 Fax 905-687-4977	
			Public Works						
Dahiahanal	1	N4-		Oit and Davidia at an	100 December 04	Desilies and a second	1.70.070	pam.gilroy@regional.niagara.on.ca	
Robichaud	Lynn	Ms.	Environmental Co-ordinator	City of Burlington	426 Brant St.	Burlington, ON	L7R 3Z6	905-335-7600 x7931	
					P.O. Box 5013			Fax 905-335-7880	
0.1.1.1	14 10			 	1474 0 5 11 5	0 1 11 011	N45 505	robichaudl@burlington.ca	
Scheidel	Keith	Mr.	Public Works	Township of North	1171 Greenfield Road	Cambridge, ON	N1R 5S5	519-621-7885	
0 11 11			Superintendent	Dumfries	RR #4	0, 0, 0, 1, 5, 5, 5	1.05.05	Fax 519-623-7641	
Southall	Wendy	Ms.	Chief of Police	Niagara Regional Police Service	68 Church Street	St. Catharines, ON	L2R 3C6		
van Scheyndel	Paul	Mr.	Fire Chief	Township of North	1171 Greenfield Road	Cambridge, ON	N1R 5S5	519-632-7956	
				Dumfries	RR #4			Fax 519-623-7641	
Vout	Katherine	Ms.	Town Clerk	Town of Grimsby	160 Livingston Avenue	Grimsby, ON	L3M 4G3	905-945-9634 x2003	
				1	P.O. Box 159	_		Fax 905-945-5010	
								kvout@town.grimsby.on.ca	
Wallensfels	Monica	Ms.	Clerk	Region of Halton	1151 Bronte Road	Oakville, ON	L6M 3L1	905-825-6000	
Waugh	Donna	Ms.	County Clerk	County of Wellington	74 Woolwich Street	Guelph, ON	N1H 3Z9	800-663-0750	
								Fax 519-837-1909	
								donnaw@county.wellington.on.ca	
	rity		ı	1	I.	l .			

Hunt	Brian	Mr.	Park Superintendent	Grand River Conservation	P.O. Box 729	Cambridge, ON	N1R 5W6	519-621-2761x237		
			. and supprinterioriti	Authority	400 Clyde Road	James ago, Ort		bhunt@grandriver.ca		
McInnes	Suzanne	Ms.	Manager, Plan Review and	Niagara Peninsula	250 Thorold Rd. W 3rd	Welland, ON	L3C 3W2	(905) 788-3135 ext. 235		
			Regulation	Conservation Authority	Floor	,		smcinnes@conservation-		
								niagara.on.ca		
Natolochny	Fred	Mr.	Manager of Watershed	Grand River Conservation	P.O. Box 729	Cambridge, ON	N1R 5W6	519-621-2761 x2229		
,			Resources	Authority	400 Clyde Road]		Fax 519-621-4844		
								fnatolochny@grandriver.ca		
Peck	Scott	Mr.	Director, Watershed	Hamilton Conservation	838 Mineral Springs Road,	Ancaster, ON	L9G 4X1	905-525-2181 x130		
			Planning & Engineering	Authority	Box 81067			Fax: 905-648-4622		
								tspeck@conservationhamilton.ca		
Stone	Michael	Mr.	Manager, Watershed	Hamilton Conservation		Ancaster, ON	L9G 4X1	(905) 525-2181 ext 133		
			Planning Services	Authority	Box 81067			mstone@conservationhamilton.ca		
Provinicial Authorities	D-14	In a		Indicates and Associated to the control of the cont	Id Otana Dal IVI, On d Elean	Overlanta ON	IN 40 40/0	<u> </u>	T	T
,	Robert	Mr.		Ministry of Agriculture and Food	1 Stone Rd. W., 2nd Floor	Guelph, ON	N1G 4Y2			
Duval	Elizabeth	Ms.		Ministry of Citizenship &	119 King St. W., 14th Floor	Hamilton, ON	L8P 4Y7	905-521-7346		
				Immigration				Fax 905-521-7398		
Environmental			E/A Project Co-ordination		2 St. Clair Ave. W. 14th Floor	Toronto, ON	M4V 1L5	MEA.NOTICES.EAAB@ontario.ca		To be emailed a pdf ONLY FOR NOTICE
Assessment & Approvals			Section	and Climate Change						OF PROJECT COMPLETION. (no
Branch Graham-Watson	Loraine	Ms.	Regional Director -	Ministry of Community and	110 King St W. 7th Floor	Hamilton, ON	L8P 4Y7	905-521-7844		hardcopy)
Granani-watson	Loranie	IVIS.	Hamilton/Niagara Regional Office		THE KING St. W. THEFIOOI	Transition, ON	LOF 417	903-32 1-7 844		
Head - Highway				Ministry of Transportation	1201 Wilson Ave., Bldg. D.,	Downsview, ON	M4V 1L5	416-235-4540		
Engineering - Hamilton & Niagara					3rd Floor			Fax 416-235-3576		
		Sir/Madam	Consultation Unit	Ministry of Aboriginal	160 Bloor Street East, 9th	Toronto, ON	M7A 2E6	Tel: (416) 326-4740	www.	
				Affairs	Floor			Fax: (416) 325-1066 MAA.EA.REVIEW@ontario.ca	Aboriginalaffairs.gov.on.ca	
Hagman	lan	Mr.	District Manager, Guelph District Office	Ministry of Natural Resources	1 Stone Rd. W.	Guelph, ON	N1G 4Y2	519-826-4931 Fax 519-826-4929		
Slattery	Barbara	Ms.		Ministry of the Environment	110 King St. W. 12th Floor	Hamilton, ON	L8P 4Y7	905-521-7864		
Siattery	Баграга	IVIS.	& Planning Co-ordinator	and Climate Change	119 King St. W., 12th Floor	I Iaiiiilloii, Oiv	LOF 417	Fax 905-521-7806		
			a riaming 60-ordinator	and Chimate Change				barbara.slattery@ontario.ca		
Whalen	Rose	Mr.	Land Use and Water	Ministry of Natural	1 Stone Rd. W.	Guelph, ON	N1G 4Y2	519-826-4910	<u> </u>	Contact her for land use specific questions
			Specialist	Resources				Fax 519-826-4929		only
Troje	Corwin	Mr.	Manager, Ministry	Ministry of Aboriginal	160 Bloor Street East, 9th	Toronto, ON	M7A 2E6			
,			Partnerships Unit		Floor					
				Consultation Unit						
Van Room	Pauline	Ms.	Highway Engineering Hamilton	Ministry of Transportation	1201 Wilson Ave; Bldg. D. 4th Floor	Downsview, ON	M4V 1L5			
Weeks	J. R.	Staff		Ontario Provincial Police,	1160 North Shore Blvd. E.,	Burlington, ON	L7R 3Y8			
		Sargeant		Burlington Detachment	P.O. Box 5021,Stn. "A"			<u> </u>		
Stuart	John	Mr.	Planner	Niagara Escarpment Commission	232 A Guelph Street	Georgetown, ON	L7G 4B1	John.Stuart@Ontario.ca		Updated as per December 19, 2016 letter from NEC.
Whittingham	Carlene	Ms.	Planner	Ministry of Municipal Affairs	777 Bay St 13th Floor	Toronto, ON	M5G 2C8	P: 416-585-6062	1	See attachment "Local Government, Housing
······································	ounione in the second			& Housing	Try Buy Gu, 16u.Trico.	isiana, an				and One Window Planning Services (MSO) in the following folder for all Central staff: S:\Public Works\Environment & Sustainable Infrastructure\EA_WORKING_GROUP\Standard_Mailing_List
Hatcher	Laura		Team Lead - Heritage Land		401 Bay Street, 17th Floor	Toronto, ON	M7A 0A7	416-314-3108		
			Use Planning	Culture & Sport				Fax 416-314-7175		
	1							laura.e.hatcher@ontario.ca		

Federal Authorities										
Environment Unit				Aboriginal Affairs and Northern Development Canada	25 St. Clair Avenue East 8th Flr	Toronto, ON	M4T 1M2	EACoordination_ON@inac-ainc.gc.ca		Please note that AANDC officials do not participate in environmental assessments that pertain to projects off-reserve, nor does the department track how other parties carry out their EAs. Only when a project intersects with reserve land, should the Environmental Unit of AANDC be contacted.
Consultation and Accommodation Unit				Aboriginal Affairs and Northern Development Canada	300 Sparks Street, Room 205	Ottawa, ON	K1A 0H4	UCA-CAU@aadnc-aandc.gc.ca This email will distribute any notice to appropriate staff within AANDC	http://sidait-atris.aadnc- aandc.gc.ca/atris_online/	To facilitate a more timely response, specify in your communication that you would like an "Aboriginal Consultation Information Response" from the CIS. NOTE: bolded text should appear in subject heading of request email.
COSEWIC - Secretariat		Sir/Madam	c/o Canadian Wildlife Services	Environment Canada		Ottawa, ON	K1A 0H3	819-953-3215 Fax 819-994-3684 cosewic/cosepac@ec.gc.ca		
Dobos	Rob	Mr.	EA Section	Environment Canada	867 Lakeshore Blvd.	Burlington, ON	L7R 4A6			
Environmental Assessment & Approvals Branch		Sir/Madam	E/A Project Co-ordination Section		2 St. Clair Ave. W. 14th Floor	Toronto, ON	M4V 1L5	MEA.NOTICES.EAAB@ontario.ca		Only receives Notice of Completion Electronic Copy Only
Hall	John	Mr.	Remedial Action Plan (RAP)	Canadian Center for Inland Waters	867 Lakeshore Road P.O. Box 5050	Burlington, ON	L7R 4A6			
Knox	Louise	Ms.	Director, Ontario Region	Canadian Environmental Assessment Agency	55 St. Clair Ave E. Room 907	Toronto, ON	M4T 1M2	416-952-1575 Fax 416-952-1573 louise.knox@ceaa-acee-gc.ca		
Ministry of Health & Long Term Care, Emergency Health Services Health		Sir/Madam	Integrated Policy & Planning Division		80 Grosvenor Street - 8th Floor, Hepburn Block	Toronto, ON	M7A 1R3	hamiltoncaccalerts@ontario.ca		EMAIL NOTICES ONLY
Ministry of Public Infrastructure		Sir/Madam			7 Queen's Park Crescent, 6th Floor, Frost Bldg. South	Toronto, ON	M7A 1Y7	416-325-0424 Fax 416-325-8851 info@pir.gov.on.ca		
Dept. of Fisheries & Oceans		Sir/Madam		Dept. of Fisheries & Oceans	304 - 3027 Harvester Road	Burlington, ON	L7R 4K3	fisheriesprotection@dfo-mpo.gc.ca 1-855-852-8320		EMAIL NOTICES ONLY; DFO has indicated that they would only like to receive notices or major, largescale projects
National Heritage Information Centre		Sir/Madam			300 Water Street	Peterborough, ON	K9J 8M4			
Van de Valk	Jackie	Ms.	Rural Planner	Ministry of Agriculture, Food & Rural Affairs	6484 Wellington Rd. 7, Unit	Elora, ON	N0B 1S0	519-846-3415		
Ontario Region		Sir/Madam		Industry Canada	151 Younge St - 4th Floor	Toronto, ON	M5C 2W7	416-973-5000 Fax 416-973-8714		
Pachoil	Carol	Ms.	Retail Business Manager	Canada Post Commercial Service Centre	27 Legend Crt	Ancaster, ON	L9K 1J0	905-304-2225		
Shaw	Mike	Mr.	Environmental Assessment Projects Officer	Environment Canada	867 Lakeshore Blvd.	Burlington, ON	L7R 4A6			
Speller	Rachel	Ms.	Region	Env. Unit INAC	25 St. Clair Ave. E. 8th floor		M4T 1M2	416-973-5899 Fax 416-954-4328		
Waters	Susan	Ms.	Director, General Land and Environment Department	Aboriginal Affairs and Northern Development Land and Environment Department	10 Wellington St.	Gatineau, QC	K1A 0H4	Telephone: 819-997-8883 Fax: 819-953-3201 susan.waters@aandc.gc.ca		

Wood	Bruce	Mr.	Hamilton Port Authority		605 James St. N.	Hamilton, ON	L8L 1K1	905-525-4330 x237 (905)928-8872		
								(905)525-7258		
								bmatthews@hamiltonport.ca		
Wright	Mark	Mr.	Navigable Waterways Program	Transport Canada	100 South Front Street	Sarnia, ON	N7T 2M4			
			Environmental Coordinator	Transport Canada	4900 Yonge Street, 4th Floor (PHE)	North York, ON	M2N 6A5			
				Canadian Transportation	15 Eddy Street	Hull, QC	K1A 0N9	1-888-222-2592		
				Agency				Fax 819-953-8353		
								cta.comment@cta-toc.gc.ca		
First Nations										
Durand	Tina	Ms.	Secretary Political Sector	Huron-Wendat Nation	255 Place Chef Michel-	Wendake, QC	G0A 4V0	418-843-3767	http://www.wendake.ca/	
				Council	Laveau			1-877-712-3767		
								Fax: 418-842-1108		
General	Paul	Mr.	Lands & Resources	Six Nations Eco-Centre	1721 Chiefswood Road	Oshweken, ON	N0A 1M0	519-445-0330		Email Notices
	-							pgeneral@sixnations.ca		
Bomberry	Lonny	Mr.	Director of Lands &	Six Nations of the Grand	P.O. Box 5000, 2498	Oshweken, ON	N0A 1M0	519-445-2201		
I			Resources	River Territory	Chiefswood Road			Fax: 519-445-4208		
Hill	Leroy	Hohahes	Secretary to	Haudenosaunee Chiefs	2634 6th Line	Oshweken, ON	N0A 1M0	(519) 753-0665		
			Haudenosaunee Conferacy Chiefs Council	Council	RR2			Fax (519) 753-3449		
LaForme	Mark	Mr.	Director, Department of	Mississaugas of New	6 First Line, R.R. #6	Hagersville, ON	N0A 1H0	Tel: (905) 768-4260		Email Notices
			Consultation and	Credit First Nation				Fax: (905) 768-9751		
			Accomodation					Cell: (289) 527-6577		
								Email:		
								Mark.Laforme@Newcreditfirstnation.co		
								m, doca@newcreditfirstnation.com		
Sault	Fawn		Manager, Department of	Mississaugas of New	6 First Line, R.R. #6	Hagersville, ON	N0A 1H0	Fawn.sault@newcreditfirstnation.com		2nd point of contact for missisaugas of
			Consultaiton and	Credit First Nation						new credit first nation, contact if cannot
			Accomodation							reach Mark Laforme
BIAs and Neighbo	Lurband Craupal	Organizationa								

BIAs - City Contact is <u>Carlo Gorni x2632</u>. A complete list of City BIAs can be found at: http://www.hamilton.ca/locate-expand/property-search/business-improvement-areas

Neighbourhood Groups/Organizations - Link to list updated yearly (check with Trish Lloyd annually for an updated list):

S:\Public Works\Environment & Sustainable Infrastructure\EA_WORKING_GROUP\Standard_Mailing_List\Hamilton Neighbourhood Association Directory - Updated Yearly - FINAL Summer 2015.xlsx

This list is confidential and therefore MUST not become part of the public record. It MUST be redacted in Project File Reports and Environmental Study Reports.

	mmunity Groups-		1		1		1		
Beland	David		Chairperson	Citizens for Citizens Ward	182 St. Clair Blvd.	Hamilton, ON	L8M 2P1	905-549-4407	
				Three Neigbourhoods				dbeland@istar.ca	
evez	Andy		Chair	Glanbrook Conservation	4251 Trinity Church Rd.	Hamilton, ON	L0R 1C0	905-679-6668	
				Committee				afevez@glanbrookconservation.on.ca	
Flint	Graham		Chairman	Lawson Park Ltd	PO Box 15 R.R.1	Freelton, ON	L0R 1K0	905-659-5417 info@stopthequarry.ca	
Brylowski	Adam	Mr.	Land Stewardship	Bruce Trail Conservancy	PO Box 857	Hamilton, ON	L8N 3N9	Phone: 905-529-6821 ext 26	Physical / courier address:
			Coordinator					Fax: 905-529-6823	Rasberry House
								abrylowski@brucetrail.org	Arboretum Section
									Royal Botanical Gardens
									Old Guelph Rd.
									Dundas, ON L9H 5Y6

Lukasik	Lynda			Environment Hamilton	22 Wilson Street, Unit 4	Hamilton, ON	L8R 1G7	905-549-0900		Fslatter
								contactus@environmenthamilton.org		
McLaughlin	Chris		Executive Director	Bay Area Restoration	LSB-B130F, McMaster	Hamilton, ON	L8S 4K1	905-527-7111		
				Council	University			cmclaughlin@hamiltonharbour.ca		
McLean	Don		Organizer	Citizens at City Hall			<u> </u>	905-664-8796 info@hamiltoncatch.org		
Miller	Alison		Community	Community Action	150 Violet Dr.	Hamilton, ON	L8E 6B4	905-546-4295		
Moroz	Alex		Chair	Weaver Community Hub	Cathy Weaver Elementary	Hamilton, ON	L8L 5V7	905-973-4064 amoroz@cogeco.ca		
Murchie	Angela		President	Hamilton Wentworth				hwcouncil@gmail.com		
Plessl	Werner		Executive Director		47 Discovery Dr.	Hamilton, ON	L8L 8K4	905-523-4498 x22		
Stephenson	Sandra		Chair	Hamilton Community	120 King St. W., Suite 700	Hamilton, ON	L8P 4V2	information@hcf.on.ca		
Utilities										
Ardelli	Terri	Ms.	Land Analyst, Urban	TransCanada Pipelines	450-1st Street S.W.	Calgary, AB	T2P 5H1	403-920-7370		
Blakely	John	Mr.		Enbridge Pipelines Inc.	801 Upper Canada Drive	Sarnia, ON	N7W 1A3	(519)339-0507		
Carello	Jack	Mr.	Manager, Utilities East	Canadian Pacific Railway	1290 Central Parkway West,	Mississauga, ON	L5C 4R3	Phone: 905-803-3417		
Greco	Enzo	Mr.	Construction Project Manager	Union Gas	918 South Service Road	Stoney Creek, ON	L8E 5M4	Phone: (289) 649-2061 Cell: (905) 741-8395 Email: egreco@uniongas.com	www.uniongas.com	
Harten	Ron	Mr.	General Manager, Hamilton Community Energy	Hamilton Utilities Corporation	The Textile Building 10 George Street Suite 300	Hamilton, ON	L8P 1C8	Ron.Harten@hamiltonucorp.com		
Zhao	Joan	Ms.	Sr. Real Estate Coordinator	Hydro One Networks Inc.	P.O. Box 4300	Markham, ON	L3R 5Z5	joan.zhao@HyrdoOne.com		Updated contact as per Dec 9, 2016 email
Lane	Paul	Mr.		Sun Canadian Pipeline	830 Highway 6 North P.O. Box 470	Waterdown, ON	LOR 2H0	905-689-6641 x136 Fax 514-395-5613 plane@sun-canadian-com		
Leppert	Randy	Mr.	Planning Lead Hand Niagara/Hamilton	Cogeco Cable Inc	7170 McLeod Rd	Niagara Falls, ON	L2G 3H5	Phone: 289-296-6228 Cell: 905- 351-3771 randy.leppert@cogeco.com		
Stadnyk	Aaron	Mr.	Environmental Officer - Ontario Region	CN	1 Administration Road	Concord, ON	L4K 1B9	aaron.stadnyk@cn.ca		New contact for CN as per Jan 6, 2017 correspondence.
Linder	Stefan	Mr.		CN	4 Welding Way off Administration Road	Vaughan, ON	L4K 1B9	905-669-3264 email: Stefan.Linder@cn.ca		
Milano	Bruno	Mr.	Planner/Designer	Source Cable	1090 Upper Wellington St	Hamilton, ON	L9A 3S6	Work # 905-318-4663 Cell # 905-971-2762		
Mitchell	Colleen	Ms.	Land Agent - Eastern Pipeline Operations	Imperial Oil Products & Chemical Division	100 - 5th Concession Rd. E.	Waterdown, ON	L0R 2H1	1-888-242-6660 x242 colleen.m.mitchell@esso.com		
Newman	Ann	Ms.	Crossings Co-ordinator, Eastern Region	Enbridge Pipelines Inc.	801 Upper Canada Drive P.O Box 128	Sarnia, ON	N7W 1A3	(519)339-0503		
Ontario Power Generation	Sir/Madam				700 University Avenue	Toronto, ON	M5G 1X6	416-592-2555		
Jakubowski	Mark	Mr.	Acting Manager of Capital Projects	Horizon Utilities Corporation	55 John St. N., 6th Floor	Hamilton, ON	L8R 3M8			
Sutton	Eleanor	Ms.		Bell Canada	20 Hunter St. W.	Hamilton, ON	L8N 3H2	(905) 577-6093		
Winkley	John	Mr.	Regional Director - Marketing	Southern Ontario Railway	241 Stuart St. W.	Hamilton, ON	L8N 3P9	, , , , , , , , , , , , , , , , , , , ,		
Hospitals										
Buxton	Alan	Mr.	Manager of Engineering	Juravinski Hospital & Cancer Centre	711 Concession St.	Hamilton, ON	L8V 1C3	buxton@HHSC.ca		Call his assistant Joanne Snelling at 905-521 2100 ext. 75379
Donohue	Chuck	Mr.	Director, Facilities Management	McMaster University Medical Centre	559 Sanatorium Road, Room # 125K	Hamilton, ON	L9C 7W8			
Langstaff	Karen	Ms.		St. Joseph's Hospital	50 Charlton Ave. E.	Hamilton, ON	L8N 4A6			

MacIssac	Rob	Mr.	CEO of Hamilton Health Science	Hamilton Health Sciences	40 Wellington Street North	Hamilton, ON	L8R 1M8	905-522-3863	
Ryder	Marvin	Mr.	Chair, Board of Directors	Hamilton Health Sciences	1280 Main Street West, Hamilton Hall Room 215	Hamilton, ON	L8S-4M4	ryderm@mcmaster.ca	Requested to be removed
Smith	Kevin	Dr.	CEO of St. Joseph;s Health System	St. Joseph's Health System	Charlton Campus -50 Charlton Avenue East King Campus - 2757 King Street East West 5th Campus - 100 West 5th Street	Hamilton, ON			
Schools		_				-			
White	Todd	Mr.	Chair	Hamilton-Wentworth District School Board	20 Education Court	Hamilton, ON	L9A 0B9	289-237-1644	
Daly	Pat		Hamilton District Catholic School Baord	,	P.O. Box 2012	Hamilton, ON	L8N 3R9		
Pace	P.		Hamilton District Catholic School Baord	90 Mulberry Street	P.O. Box 2012	Hamilton, ON	L8N 3R9		
McKerrall	Dan	Mr.	Accommodation & Planning	District School Board	100 Main St. W. P.O. Box 2558	Hamilton, ON	L8N 3L1		
Mckerlie	Ron	Mr.	President	Mohawk College	135 Fennell Avenue West P.O. Box 2034	Hamilton, ON	L8N 3T2		
Labrecque	S.			French Public School Board	116 Cornelius Parkway	Toronto, ON	M6L 2K5		
Beaudin	A.			French Catholic School Board	110 Drewry Avenue	North York, ON	M2M 1c8		
Sullivan	Terry	Mr.	McMaster University Security and Parking Services		1280 Main St. W CUC-102	Hamilton, ON	L8S 4K1	905.525.9140 x23372 sullivan@mcmaster.ca	
Cupido	Anthony	Mr.	Assistant Vice-President, Department of Facility Services	McMaster University	1280 Main Street West Campus Services Building, Room 109	Hamilton, ON	L8S 4M3		
Transportation									
Best	John	Mr.	Executive Director	Southern Ontario Gateway Council	140 King Street East, Suite 14	Hamilton, ON	L8N 1B2	905-667-0317	
Burke	Chris	Mr.	Acting Director of Service Planning	Metrolinx	97 Front Street West, 4th Floor	Toronto, ON	M5J 1E6		
Ceille	Kaye	Mrs.	President	Zipcar	129 Spadina Avenue	Toronto, ON	M5V 2L3	416-977-9008	
Chahal	Jagtar Singh		Chairman & CEO	Hamilton Cab	430 Cannon Street East	Hamilton, ON	L8L 2C8	905-522-0748	Please note this is the general contact information
Leach	Dave	Mr.	President & Chief Executive Officer	Greyhound	36 Hunter Street East	Hamilton, ON	I8N 3W8	905-521-3088	Please note this is the general contact information
Rizzuto	,	Mr.	President	Blue Line Taxi	160 John Street South	Hamilton, ON	L8N 2C4	905-525-2788	Please note this is the general contact information
Salsberg	Lisa	Mr.	Manager, Strategic Strategy and Policy	Metrolinx	97 Front St W, 4th Floor	Toronto, ON	M5J 1E6	416-202-5955 ext 25955 lisa.salsberg@metrolinx.com	
Seymour	Mark.	Mr.	Chairman	Ontario Trucking Association	555 Dixon Road	Toronto, ON	M9W 1H8	416-249-7401	Please note this is the general contact information
Sir/Madam				Canada Coach	791 Webber Avenue	Peterborough, ON	K9J 7B1	705-748-6411	
Sir/Madam				Community CarShare	175 Longwood Road South, Suite 304A	Hamilton, ON	L8P 0A1	905-543-4411	
Sir/Madam				Hamilton Cycling Committee					Email Notice to Daryl Bender (City of Hamilton contact)
Sir/Madam				John C. Munro Hamilton International Airport	9300 Airport Road, Suite 2206	Mount Hope, ON	L0R 1W0	905-679-1999	
Sir/Madam				Smart Commute Hamilton				smartcommute@hamilton.ca	

Wasik	Gene	Mr.	Executive Director	Social Bicycle (SoBi)	126 Catherine Street North	Hamilton, ON	L8R 1J4	289-768-2453	Please note this is the general contact information
Other									
Loomis	Keanin	Mr.	President & CEO		120 King St. West Suite 507,	Hamilton, ON	L8P 4V2	(905) 522-1151	
				Commerce	Plaza Level				
Platts	Megan	Ms.	Manager, Government &	REALTORS Association of	505 York Blvd.	Hamilton, ON	L8R 3K4	905-529-8101 ext. 295	
			External Relations	Hamilton-Burlington				fax: 905-529-4349	
								email: meganp@rahb.ca	
Roshko	Allan J.	Mr.	President	Hamilton-Halton Home	1112 Rymal Road East	Hamilton, ON	L8W 3N7	905-575-3344	
				Builders Association					
Runciman	Mark	Mr.	Chief Executive Officer	Royal Botanical Gardens	680 Plains Rd. West	Burlington, ON	L7T 4H4	905.527.1158	Website www.rbg.ca



amec foster wheeler

2016



Agenda





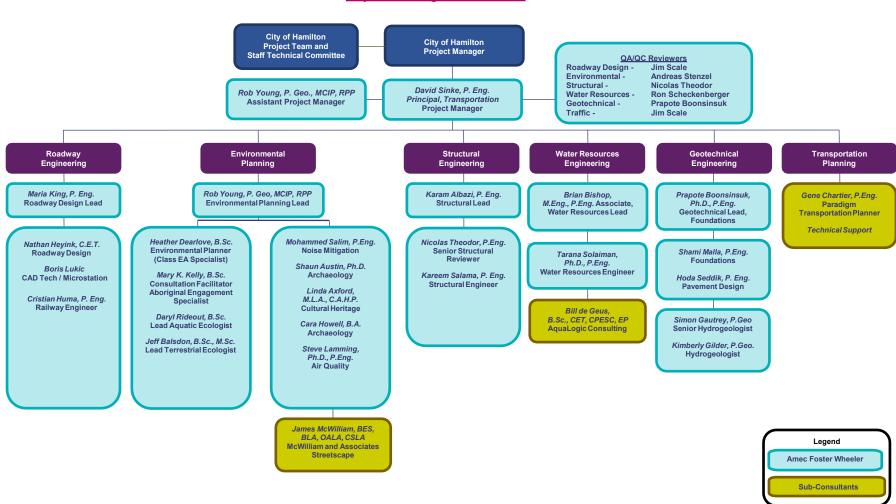
- 1. Introductions
- 2. Planning Context
- 3. Class EA Process, Project Objectives, Schedule
- 4. Discussion of Key Issues
- 5. Next Meeting

Introductions Project Team





Project Team Organizational Chart



Project Overview Planning Context and Project Rationale



Iamilton

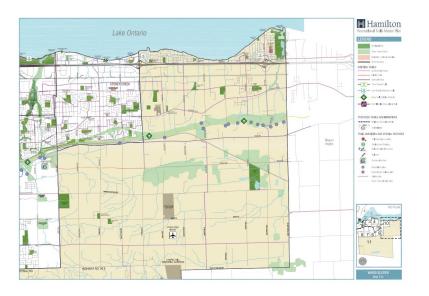
- The project limits extend along Barton Street and Fifty Road bounded by:
 - Fruitland Road (west),
 - Highway 8 (south),
 - South Service Road (north), and
 - Fifty Road (east).
- The study will involve confirmation of outcomes of Phases 1 and 2 of the Class EA process, and will meet the requirements of Phases 3 and 4 under the Class EA Act.

Project Overview Planning Context and Project Rationale



Planning Horizon:

 The current study will address shorter term needs, the 50 year planning horizon needs to be considered in order to limit impacts to existing and ongoing local developments (especially with respect to property requirements).



Hamilton

Project Overview Planning Context and Project Rationale Hamilton



Rapid Transit / Intermodal Transit Hub

- A potential future multi-modal transit hub was previously identified at Fifty Road and South Service Road¹.
- SCUBE TMP indicated a desire to locate rapid transit facilities within the Barton Street corridor.
- Current ridership does not justify RT.
- Current long term plan calls for ROW width that supports RT.



Project Overview Planning Context and Project Rationale



The SCUBE TMP identified the need for urbanization, roadway widening, and provision of active transportation and transit facilities along the Barton Street and Fifty Road study corridors:

Barton Street

- Barton Street is to be widened to accommodate cycling facilities and a semi-continuous two-way left-turn lane;
- A pedestrian promenade is also to be provided along the south side of Barton Street;
- Future ROW width for Barton Street is 44 metres

Fifty Road

- Fifty Road is identified as requiring widening to accommodate cycle facilities and additional automobile capacity;
- Future ROW width for Fifty Road is 36 metres

 ROW within both corridors is to be reserved for the future provision of rapid transit services.

Project Overview Planning Context and Project Rationale



Hamilton

Areas of interest;

- Coordination of design with adjacent land development;
- Cultural heritage and archaeology;
- Natural Environment;
- Future transportation and provision of transit services and infrastructure;
- Innovative and creative approach to functionality and materials

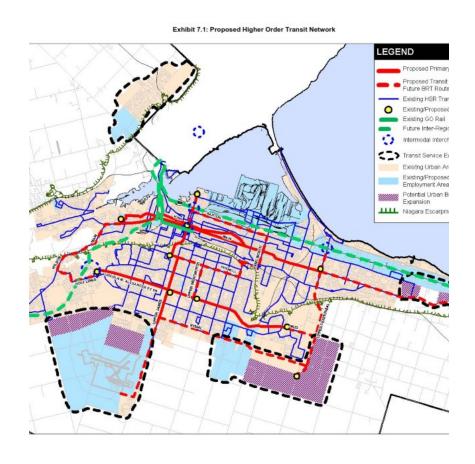
Project Overview Completed Studies





Hamilton TMP (2007) Identifies:

- Fifty Road as a "Proposed Transit Priority Corridor / Future BRT Route";
- Need for a continuous left-turn lane on Barton Street, between Fruitland Road and Fifty Road¹ (by 2021)
- Need for widening of Fifty Road between Highway 8 and the QEW¹ (beyond 2021)



Project Overview Completed Studies





Stoney Creek Urban Boundary Expansion (SCUBE) TMP

- Outlines the policies new and expanded infrastructure in the Greenbelt must adhere to;
- Provides recommendations for future RT on Barton Street and Fifty Road;
- Provides recommendations for roundabouts, widening, and transit services on Barton Street and Fifty Road.





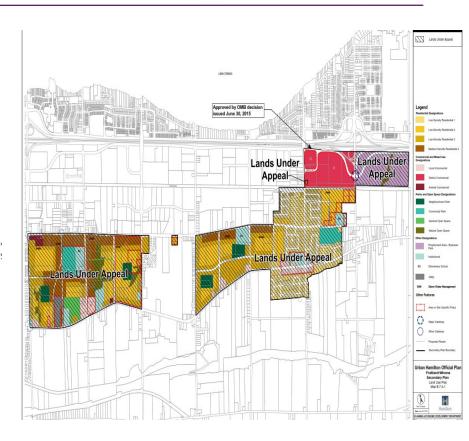
Project Overview Completed Studies





Fruitland - Winona Secondary Plan

- Covers the lands south of Barton Street;
- Provides recommendations and guidelines for gateways and the Barton Street Pedestrian Promenade:
- Identifies proposed RT route in this area on Barton Street;
- Identifies current zoning and future development;
- Identifies the Transportation, Transit and Active Transportation Linkage Objectives



Project Overview Class Environmental Assessment





Municipal Class 'C' EA Study for Barton Street and Fifty Road

- Phase 1 Problem/opportunity identification
- Phase 2 Identification of alternative solutions and the preferred solution

Municipal Class Environmental Assessment

- Phase 3 Identify alternative methods of implementing the preferred solution
 - Existing conditions
 - Identification of alternative designs
 - Identification of potential impacts and evaluation the alternatives
 - Confirmation of the preferred solution
 - Finalization of the preferred solution
 - Agency and public consultation
- Phase 4 Environmental Study Report

The study is divided into two parts:

Part A

Barton Street

Part B

Fifty Road

Project Overview Study Objectives





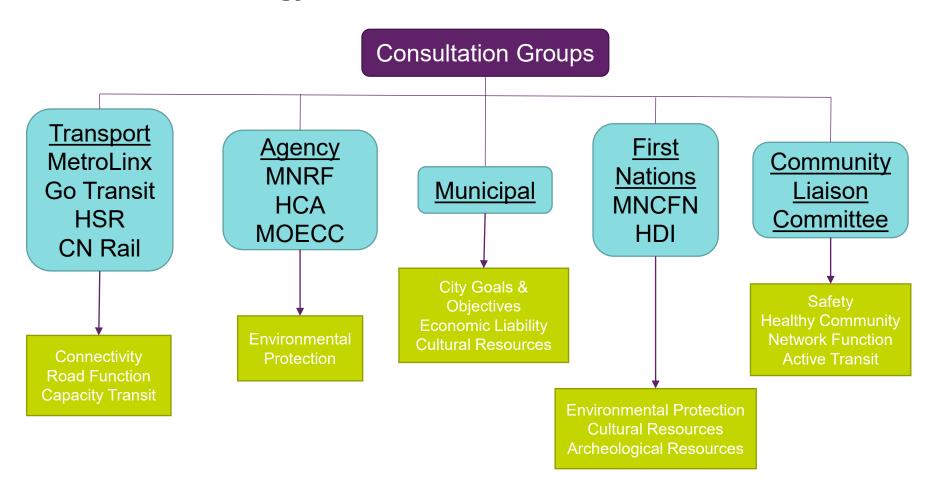
Study Scope of Work:

- Phases 3 and 4 of the Municipal Class EA process include;
 - Phase 3 Alternative Design Concepts for Preferred Solution
 - Phase 3 Public Consultation
 - Phase 4 Environmental Study Report
- Additional studies will confirm identified environmental impacts and lane requirements.





Consultation Strategy:







Transportation Assessment to support EA

- Traffic model will build on the findings of the SCUBE TMP and Hamilton TMP.
- Available information can be found within the SCUBE TMP appendices and from Steve Molloy the PM for the Hamilton TMP Update.
- The model split will be accurately represented.
- Assumptions will be clearly documented.





Stormwater Management:

- Stormwater from the roadways will be accommodated within the adjacent developments.
- Sizing of culvert crossings, geomorphology and stormwater management would be handled through the ongoing SCUBE development plans. (3 Blocks)





Active Transportation:

- Barton Street will contain a 4m wide pedestrian promenade on the south side, a 1.5m sidewalk on the north side, as well as two 1.5m bike lanes on either edge of the road or a 3m cycle path.
- Several key factors in implementing successful active transportation alternatives are found in the Hamilton TMP (2007);
 - Connectivity and Continuity
 - Directness of Route
 - Safety and Comfort
 - Ease of Implementation
 - The awareness of non-motorized networks and safety requirements
 - The provision and maintenance of pedestrian and cycling facilities
 - The accessibility of the pedestrian and cycling environments
 - The co-ordination of transit trips with walking and cycling trips
 - The pedestrian and cycling friendliness of new development





Pedestrian Promenade:

- The design guidelines for the promenade are placemaking, walkability, linkages, greening, and transportation.
- The purpose of the promenade is to knit together the two distinct environments on either side of Barton Street.
- The promenade provides a green lush corridor that enhances active transportation and is visually pleasing.
- The promenade walkway is 4 metres wide with room on either side for greenery.







Innovative Solutions:

- Innovative solutions are being investigated for use within the Barton Street corridor as a demonstration of what can be accomplished with sustainable design alternatives:
 - Use of Solar Roadways ® panels along the pedestrian promenade
 - Solar-powered LED street lighting
 - Solar-powered benched with charging stations
 - Permeable pavements
- A lifecycle cost/benefit analysis will be completed for any recommended non-standard design component.

Discussion of Key Issues





Shams, Aniqa

From: Frederic Sua <Frederic.Sua@telus.com>
Sent: Monday, November 28, 2016 9:55 AM

To: Babcock, Olivia
Cc: Max Pavese

Subject: RE: City of Hamilton Municipal Class EA - ACTION NEEDED

Attachments: fifty road.JPG

Hello Olivia,

TELUS has leased BELL 360 fiber along the rail right of way intersecting Fifty Rd.

We do not have direct access to BELL 360 records. Hopefully BELL will provide this information to you. Attached is a map showing where the existing facility is roughly.

If you require further information of have any questions, please do not hesitate to contact me.

Sincerely,

Frederic Sua, C. Tech

Design Specialist II – Access Engineering

TELUS CSD, Engineering Operations & Implementations East

22nd Floor, 25 York St., Toronto, Ontario, M5J 2V5

Phone: (647) 837-9112 Cell: (416) 912-5607

E-mail: frederic.sua@telus.com

From: Max Pavese

Sent: November 28, 2016 09:11 AM

To: Frederic Sua < Frederic. Sua@telus.com>

Subject: FW: City of Hamilton Municipal Class EA - ACTION NEEDED

From: Babcock, Olivia [mailto:olivia.babcock@amecfw.com]

Sent: November 28, 2016 08:51 AM

To: leslie.johnston@bell.ca; bob.howard@hamilton.ca; randy.leppert@concego.com;

mark.jakubowski@horizonutilities.com; doreen.stermann@hydroone.com; keith.zonneveld@rci.rogers.com;

bruno@sourcecable.com; Max Pavese <Massimo.Pavese@telus.com>; egreco@uniongas.com

Cc: King, Maria E <maria.e.king@amecfw.com>

Subject: City of Hamilton Municipal Class EA - ACTION NEEDED

Hello all,

The City of Hamilton has initiated a Schedule 'C' Municipal Class Environmental Assessment (Class EA) related to the widening of Barton Street and improvement of Fifty Road within the study area (refer to attached key plan). Amec Foster Wheeler is leading the study on behalf of the City and requests your assistance with definition of existing and proposed utility infrastructure within the study area limits.

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If you DO have facilities within the study area:	Kindly provide us with details regarding location, size and type of facilities in one or more of the following formats: • Mark-ups on the attached basemapping; • AutoCAD, MicroStation or GIS drawings (preferred); or • Digital copies of facility design drawings.
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Please do not hesitate to contact us should you require additional information and/or file formats to work with. Your involvement with this study is greatly appreciated, and we will assist in any way possible.

Best regards,

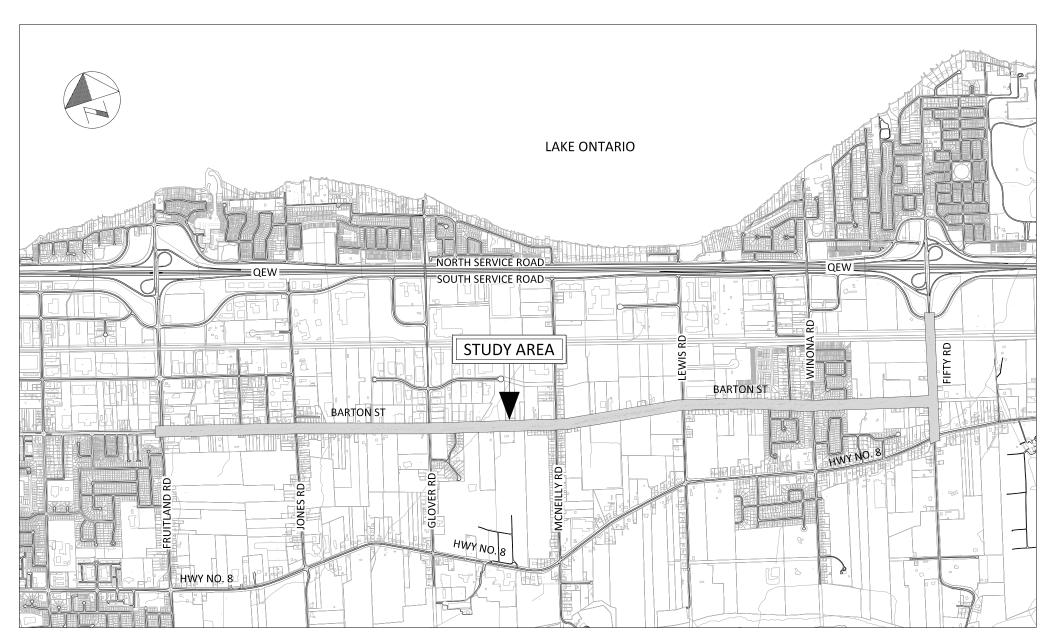
Olivia Babcock, EIT

Junior Transportation Engineer Amec Foster Wheeler, Environment & Infrastructure 3215 North Service Road, Burlington, Ontario L7N 3G2, Canada T 905-335-2353 ext.1280 olivia.babcock@amecfw.com amecfw.com

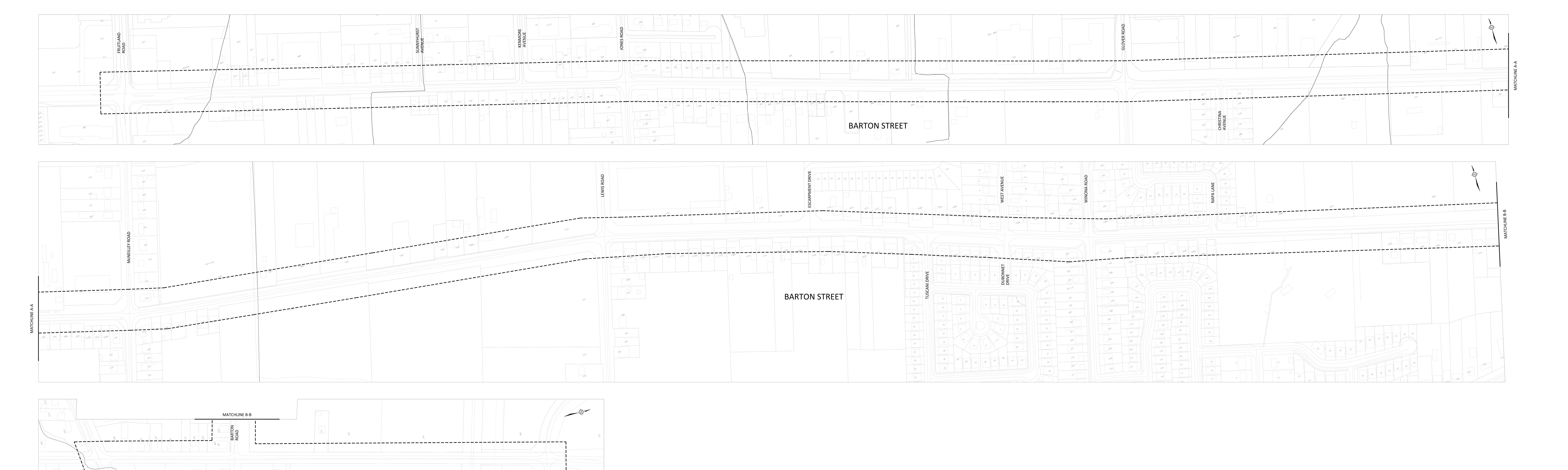


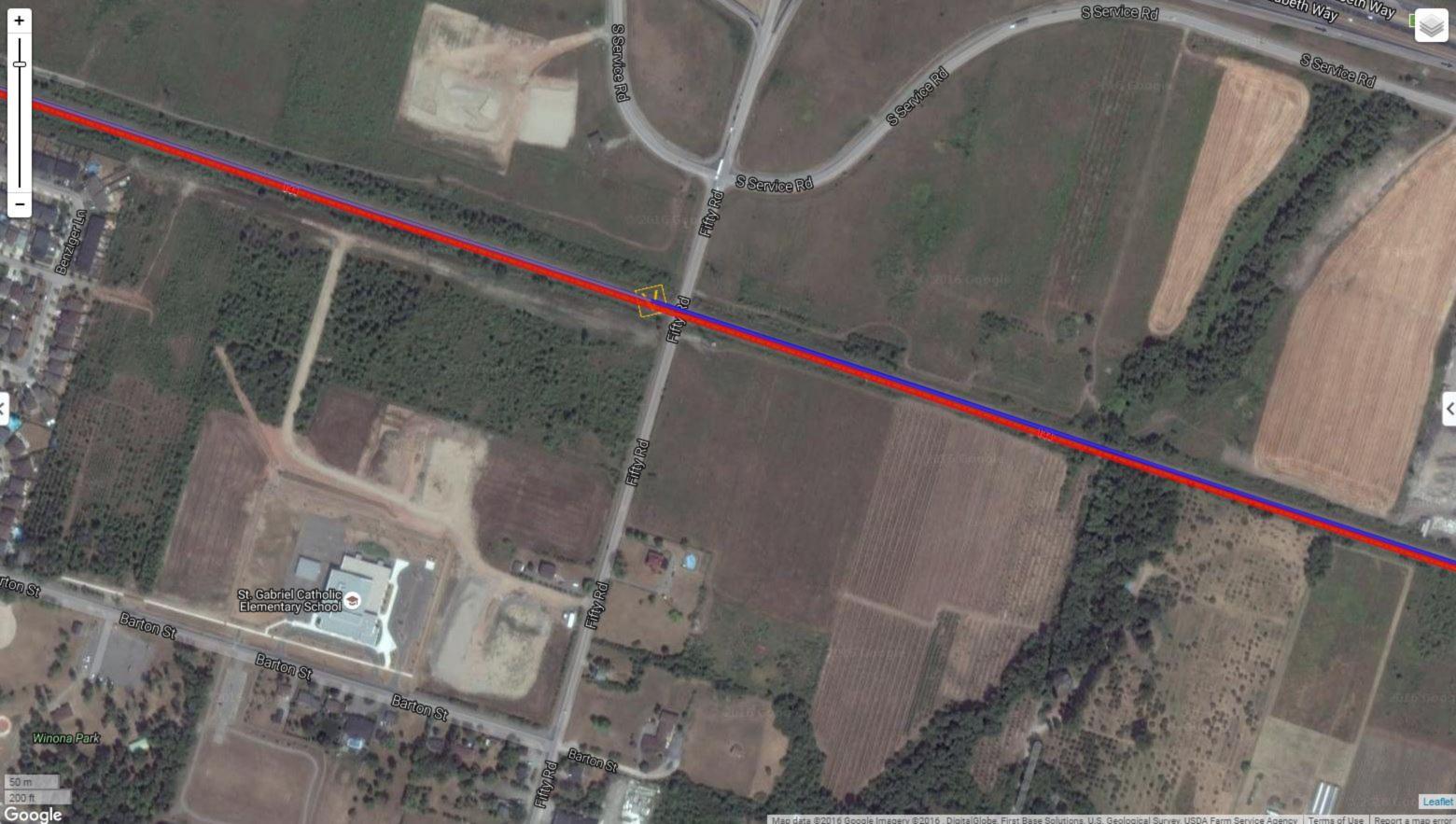
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KEY PLAN





From: joan.zhao@HydroOne.com

Sent: Friday, December 9, 2016 11:48 AM **To:** David.Sinke@amecfw.com; iplanning

Subject: RE: Notice of Study Commencement (Barton Street and Fifty Road EA phase 3 &4)

Thanks David.

My phone number should read 905-964-6230 as appeared under my signature box.

Joan Zhao SR/WA

Sr. Real Estate Coordinator Facilities & Real Estate Hydro One Networks Inc.

T: (905) 946-6230 F: (905) 946-6242 P.O. Box 4300 Markham ON L3R 5Z5

Courier: 185 Clegg Road | Markham ON | L6G 1B7

This e-mail message is intended only for the addressee. It contains privileged and/or confidential information. Any unauthorized copying, use or disclosure is strictly prohibited. If this message has been sent to you in error, please notify the sender immediately and delete it without reading, copying or forwarding to anyone. Thank you.

From: Sinke, David [mailto:David.Sinke@amecfw.com]

Sent: Thursday, December 08, 2016 8:19 PM **To:** ZHAO Joan; iplanning@hamilton.ca

Subject: RE: Notice of Study Commencement (Barton Street and Fifty Road EA phase 3 &4)

Hello Joan,

Thank you for your response. We will correct the contact information going forward to facilitate further dialogue as the study and preliminary design progresses.

Regards,

David Sinke B. Eng. Mgt., P.Eng.

Principal, Transportation Engineering, Amec Foster Wheeler Environment & Infrastructure 3215 North Service Road, Burlington ON L7N 3G2, Canada T +1 (905) 335-2353 X1287 M +1 (905) 630-5842 david.sinke@amecfw.com

From: joan.zhao@HydroOne.com [mailto:joan.zhao@HydroOne.com]

Sent: Thursday, December 08, 2016 1:45 PM

To: iplanning@hamilton.ca; Sinke, David <David.Sinke@amecfw.com>

Cc: joan.zhao@HydroOne.com

Subject: Notice of Study Commencement (Barton Street and Fifty Road EA phase 3 &4)

Hello There,

This is in response to your notice as attached above. The letter (without a date) was addressed to Jim Oriotis but to a wrong address. It landed at my desk recently. I am handling the Hamilton area taking over from Jim for the Secondary Land Use Program.

In our initial review, we have <u>confirmed</u> that Hydro One has high voltage transmission facilities within your study area. More specifically, we have transmission lines running through 50 Road in north and south direction just north of

railway lines. At this point in time we do not have enough information about your project to provide you with meaningful input with respect to the impacts that your project may have on our infrastructure. As such, this response does not constitute any sort of approval for your plans and is being sent to you as a courtesy to inform you that we must be consulted on your project.

In addition to the existing infrastructure mentioned above, the affected transmission corridor may have provisions for future lines or already contain secondary land uses (i.e. pipelines, water mains, parking, etc). Please take this into consideration in your planning.

Please allow the appropriate lead-time in your project schedule in the event that your proposed development impacts Hydro One infrastructure to the extent that it would require modifications to our infrastructure.

In planning, please note that developments should not reduce line clearances or limit access to our facilities at any time in the study area of your Proposal. Any construction activities must maintain the electrical clearance from the transmission line conductors as specified in the Ontario Health and Safety Act for the respective line voltage.

The integrity of the structure foundations must be maintained at all times, with no disturbance of the earth around the poles, guy wires and tower footings. There must not be any grading, excavating, filling or other civil work close to the structures.

We reiterate that this message does not constitute any form of approval for your project. Once more details about your plans are known and it is established that your development will affect Hydro One facilities including the rights of way, please submit your plans to:

Joan Zhao, Hydro One Real Estate Management 185 Clegg Road, Markham L6G 1B7 Phone: (905) 946-6233 Joan.Zhao@HydroOne.com

Please note that the proponent will be held responsible for all costs associated with modification or relocation of Hydro One facilities, as well as any added costs that may be incurred due to increase efforts to maintain our facilities.

Should you have questions, please do not hesitate to contact the writer.

Thanks,

Joan Zhao SR/WA
Sr. Real Estate Coordinator
Facilities & Real Estate
Hydro One Networks Inc.
T: (905) 946-6230 F: (905) 946-6242
P.O. Box 4300 | Markham ON | L3R 5Z5
Courier: 185 Clegg Road | Markham ON | L6G 1B7
joan.zhao@hydroone.com

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Mr. Jim Oriotis Hydro One 483 Bay Street, North Tower 15th Floor Toronto, ON M5G 2P5

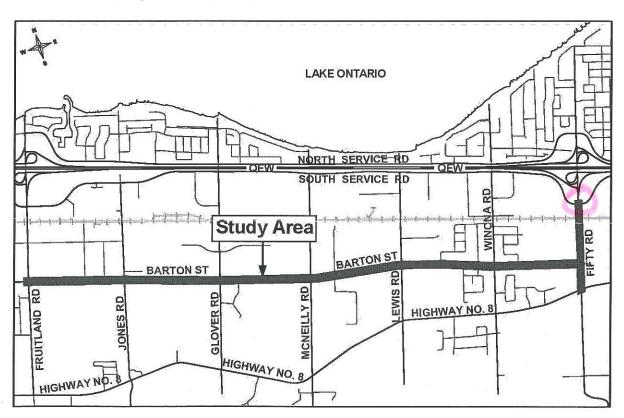
Dear Mr. Oriotis,

Notice of Study Commencement

Barton Street and Fifty Road

Municipal Class Environmental Assessment - Phases 3 and 4

The City is planning improvements to better serve our community by enhancing ways you commute such as by car, truck, transit, bike or on foot!



Over the next two years, the City will be doing a number of studies to help inform these improvements. These studies will build on the recommendations made in the Fruitland-Winona Secondary Plan. One of these studies is on the Barton Street and Fifty Road. The goal of this

study is to develop a preferred practical design to meet the needs of the community. This study is following the Municipal Class Environmental Assessment Phases 3 and 4 process.

For further details visit: www.hamilton.ca/barton-fiffty-ea
Interested in participating in the study's Focus Group?
Please contact us by Friday,
December 16, 2016.

If you have any questions or comments, or any accessibility requirements in order to participate in the project please contact the staff below.

Margaret Fazio, EP, MCIP, RPP Senior Project Manager – City Project Lead Infrastructure Planning Section, PED City of Hamilton

Phone: 905-546-2424 ext. 2218 Email: iplanning@hamilton.ca

David Sinke, B. Eng. Mgt., P.Eng. Consultant Project Manager Amec Foster Wheeler Environment & Infrastructure 3215 North Service Road, Burlington ON L7N 3G2 Phone: 905-335-2353 ext. 1287

Email: david.sinke@amecfw.com

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This Notice is being published in *Stoney Creek News* on November 24 and December 1, 2016; and in *Hamilton Spectator's At Your Service* on November 25 and December 2, 2016.

From: Darlene Presley <dpresley@mhbcplan.com>
Sent: Tuesday, December 13, 2016 4:33 PM

To: Babcock, Olivia

Subject: RE: City of Hamilton Municipal Class EA- ACTION NEEDED

Hi Olivia,

TransCanada PipeLines Limited does not have any pipelines within the study area.

DARLENE PRESLEY | Planning Co-ordinator

MHBC Planning, Urban Design & Landscape Architecture

442 Brant Street, Suite 204 | Burlington | ON | L7R 2G4 | T 905 639 8686 x 229 | F 905 761 5589 | C 705 627 2302 | dpresley@mhbcplan.com |

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From: Babcock, Olivia [mailto:olivia.babcock@amecfw.com]

Sent: December 13, 2016 4:30 PM

To: ron.harten@hamiltonucorp.com; plane@sun-canadian.com; ann.newman@enbridge.com; Darlene Presley

Cc: King, Maria E

Subject: City of Hamilton Municipal Class EA- ACTION NEEDED

Hello all,

The City of Hamilton has initiated a Schedule 'C' Municipal Class Environmental Assessment (Class EA) related to the widening of Barton Street and improvement of Fifty Road within the study area (refer to attached key plan). Amec Foster Wheeler is leading the study on behalf of the City and requests your assistance with definition of existing and proposed utility infrastructure within the study area limits.

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If you **DO NOT** have facilities within the study area:

Kindly respond to this email, <u>EXPLICITLY</u> stating that your utility/organization <u>does not</u> have facilities within the study area.

From: Babcock, Olivia

Sent: Tuesday, December 13, 2016 4:29 PM

To: 'ron.harten@hamiltonucorp.com'; 'plane@sun-canadian.com';

'ann.newman@enbridge.com'; 'dpresley@mhbcplan.com'

Cc: King, Maria E

Subject: City of Hamilton Municipal Class EA- ACTION NEEDED

Attachments: Key Plan.pdf; Utility Circulation_Roll Plan.pdf

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The City of Hamilton has initiated a Schedule 'C' Municipal Class Environmental Assessment (Class EA) related to the widening of Barton Street and improvement of Fifty Road within the study area (refer to attached key plan). Amec Foster Wheeler is leading the study on behalf of the City and requests your assistance with definition of existing and proposed utility infrastructure within the study area limits.

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Please do not hesitate to contact us should you require additional information and/or file formats to work with. Your involvement with this study is greatly appreciated, and we will assist in any way possible.

Best regards,

Olivia Babcock, EIT

Junior Transportation Engineer Amec Foster Wheeler, Environment & Infrastructure 3215 North Service Road, Burlington, Ontario L7N 3G2, Canada T 905-335-2353 ext.1280

From: Anderson, Dean <dean.anderson@horizonutilities.com>

Sent: Thursday, December 15, 2016 3:18 PM

To:Babcock, OliviaCc:Jakubowski, Mark

Subject: RE: City of Hamilton Municipal Class EA - ACTION NEEDED **Attachments:** BARTON STREET FROM FIFTY TO FRUITLAND RD.DWG

Hello Olivia,

Attached is our existing infrastructure in Autocad for your information and use per your EA. Regards,
Dean

From: "Babcock, Olivia" < olivia.babcock@amecfw.com >

To: "leslie.johnston@bell.ca" <leslie.johnston@bell.ca>, "bob.howard@hamilton.ca"

<bob.howard@hamilton.ca>, "randy.leppert@concego.com" <randy.leppert@concego.com>,

"Jakubowski, Mark" < mark.jakubowski@horizonutilities.com >, "doreen.stermann@hydroone.com"

, "keith.zonneveld@rci.rogers.com"

<keith.zonneveld@rci.rogers.com>, "bruno@sourcecable.com" <bru>bruno@sourcecable.com>,

"max.pavese@telus.com" < max.pavese@telus.com >, "egreco@uniongas.com"

<egreco@uniongas.com>

Cc: "King, Maria E" <maria.e.king@amecfw.com>

Subject: City of Hamilton Municipal Class EA - ACTION NEEDED

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From: Chappell, Steven (6056265) < steven.chappell@bell.ca>

Sent: Tuesday, December 20, 2016 8:26 AM

To: Babcock, Olivia

Subject: RE: City of Hamilton Municipal Class EA - ACTION NEEDED

Attachments: MU 58524.pdf; MU 58524.dwg

Hello Olivia,

Please see the attached mark-up of Bell plant in the subject area. If you have any questions, please let me know.

Thanks, Steve

Steve Chappell

Bell Canada - Network Provisioning

T: (905)641-3270 M: (289)442-1196

From: Stratychuk, Morelle

Sent: November-28-16 10:59 AM **To:** Chappell, Steven (6056265) **Cc:** Johnston, Leslie J (N273661)

Subject: FW: City of Hamilton Municipal Class EA - ACTION NEEDED

Hi there, this one for you...thankfully

From: Johnston, Leslie J (N273661)

Sent: Monday, November 28, 2016 10:36 AM

To: Hlady, Aaron (6076935); Stratychuk, Morelle; Gill, Chris (6011790) **Subject:** FW: City of Hamilton Municipal Class EA - ACTION NEEDED

FYI

Leslie Johnston Manager FTTH-BF Phone 905-577-6616 Fax 905-570-0137 Mobile 905-978-3712

Leslie.johnston@bell.ca

Before You Assume, LEARN Before You Judge, UNDERSTAND Before You Hurt, FEEL Before You Say, THINK



Bell Canada Municipal Operations Centre - C/O TELECON DESIGN INC.

200 Town Centre Blvd., Suite #300 Markham, Ontario L3R 8G5

Ph: (905) 470-2112 Fax: (905) 460-8956

APPLICATION FOR PLANT LOCATION AND CONSENT

Applicant: Bell Canada Mark Up #:58524 Applicant Ref #: N/A

Location: Barton St from Fruitland Rd to Fifty Rd, Fifty Rd from HWY 8 (Main St. W.) to South Service

Rd

SwitchingCenter/NNX: WINONA/643

Date Received From Applicant: 2016-11-28

Marked By: Tiffanie Wong

Tiffanie Wong

APPLICATION FOR PLANT LOCATION AND REQUEST

~	Existing and/or proposed Bell Canada underground plant are indicated on the attached pl	an
☐ pro	Our records show no existing and / or proposed underground plant within 2m of your posed installation	
	Conflict indicated	
	Meets with our approval	
~	Not for PUCC approval - Mark up only	
	If within 1 metre of Bell plant, hand dig	
veri	IARKS: Call for locates 1.800.400.2255. Tie-in measurements are a guideline only and physical fication may be required by applicant to determine the true separation between plant. Maintain rance of 0.6m. Hand dig when crossing Bell plant.	
PRC	CEDURES TO FOLLOW:	
	 Request locates prior to construction 1-800-400-2255 If exact location and depth are critical - test pits are recommended Bell Canada plant location information is approximate If the location of your proposed design changes, it will be necessary to re-apply Permits expire six(6) months from approval date 	
Siar	nature: Date:	

Dec 16, 2016

From: Ontario Region / Region d'Ontario (CEAA/ACEE) [mailto:CEAA.ontario.ACEE@ceaa-acee.qc.ca]

Sent: December-07-16 1:56 PM

To: iplanning

Subject: Email - Barton Street and Fifty Road Improvements - Hamilton - Letter A - 2016-12-02

Dear Ms. Fazio,

Please find letter attached regarding the above mentioned project.

Regards, Caitlin

Caitlin Cafaro

Administrative Clerk, Ontario Canadian Environmental Assessment Agency / Government of Canada <u>caitlin.cafaro@ceaa-acee.gc.ca/</u> Tel: 416-952-1576

Caitlin Cafaro

Commis à l'administration, Ontario Agence canadienne d'évaluation environnementale / Gouvernement du Canada caitlin.cafaro@ceaa-acee.gc.ca / Tél. : 416-952-1576



Canadian Environmental Assessment Agency

Ontario Regional Office 55 St. Clair Avenue East, Room 907 Toronto, ON M4T 1M2 Agence canadienne d'évaluation environnementale

Bureau régional de l'Ontario 55, avenue St-Clair est, bureau 907 Toronto (Ontario) M4T 1M2

December 2, 2016

Sent by email

Margaret Fazio City of Hamilton iplanning@hamilton.ca

Dear Ms. Fazio:

Re: Information on the Canadian Environmental Assessment Act, 2012

Thank you for your correspondence of November 24, 2016 regarding the Barton Street and Fifty Road improvements.

The Canadian Environmental Assessment Act, 2012 (CEAA 2012) focuses federal environmental reviews on projects that have the potential to cause significant adverse environmental effects in areas of federal jurisdiction and applies to physical activities described in the Regulations Designating Physical Activities (the Regulations). Based on the information provided, your project does not appear to be described in the Regulations. Kindly review the Regulations to confirm applicability to the proposed project.

According to section 25 (c) of the Regulations the construction, operation, decommissioning and abandonment of a new all-season public highway that requires a total of 50 km or more of new right of way may require a Federal Environmental Assessment.

If you believe the project is not subject to a federal environmental assessment, and do not submit a project description, we kindly request that you remove the Canadian Environmental Assessment Agency from your distribution list.

If you have questions, please get in touch with our office through the switchboard at 416-952-1576. The attachment that follows provides web links to useful legislation, regulation, and guidance documents.

Sincerely,

Anjala Puvananathan

Regional Director, Ontario Region

Canadian Environmental Assessment Agency

Attachment - Useful Legislation, Regulation, and Guidance Documents





Attachment – Useful Legislation, Regulation, and Guidance Documents

For more information on the *Canadian Environmental Assessment Act, 2012* (CEAA 2012), please access the following links on the Canadian Environmental Assessment Agency's (the Agency) website:

Overview of CEAA 2012 http://www.ceaa.gc.ca/default.asp?lang=En&n=16254939-1

Regulations Designating Physical Activities, and Prescribed Information for a Description of a Designated Project Regulations http://www.ceaa.gc.ca/default.asp?lang=En&n=9EC7CAD2-1

If your project is in a federally designated wildlife area or migratory bird sanctuary please check section 1 of the Regulations, which details the designated projects specific to those locations.

If it appears that CEAA 2012 may apply to your proposed project, you must provide the Agency with a description of the proposed project. Please see the link below to the Agency's guide to preparing a project description.

Guide to Preparing a Description of a Designated Project http://www.ceaa.gc.ca/default.asp?lang=En&n=3CA9CEE5-1





Ms. Louise Knox Canadian Environmental Assessment Agency 55 St. Clair Ave E. Room 907 Toronto, ON M4T 1M2

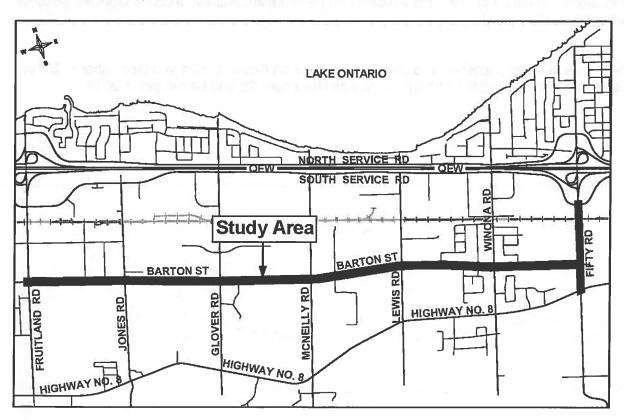
Dear Ms. Knox,

Notice of Study Commencement

Barton Street and Fifty Road

Municipal Class Environmental Assessment - Phases 3 and 4

The City is planning improvements to better serve our community by enhancing ways you commute such as by car, truck, transit, bike or on foot!



Over the next two years, the City will be doing a number of studies to help inform these improvements. These studies will build on the recommendations made in the Fruitland-Winona Secondary Plan. One of these studies is on the Barton Street and Fifty Road. The goal of this

study is to develop a preferred practical design to meet the needs of the community. This study is following the Municipal Class Environmental Assessment Phases 3 and 4 process.

For further details visit: www.hamilton.ca/barton-fifty-ea	
	Interested in participating in the study's Focus Group?
For more information contact:	Please contact us by Friday, December 16, 2016.

If you have any questions or comments, or any accessibility requirements in order to participate in the project please contact the staff below.

Margaret Fazio, EP, MCIP, RPP Senior Project Manager – City Project Lead Infrastructure Planning Section, PED City of Hamilton

Phone: 905-546-2424 ext. 2218 Email: iplanning@hamilton.ca

David Sinke, B. Eng. Mgt., P.Eng. Consultant Project Manager Amec Foster Wheeler Environment & Infrastructure 3215 North Service Road, Burlington ON L7N 3G2 Phone: 905-335-2353 ext. 1287

Email: david.sinke@amecfw.com

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From: Zirger, Rosi (MTCS) [mailto:Rosi.Zirger@ontario.ca]

Sent: Friday, December 16, 2016 2:35 PM **To:** Sinke, David < <u>David.Sinke@amecfw.com</u>>

Cc: Fazio, Margaret (Margaret.Fazio@hamilton.ca) < Margaret.Fazio@hamilton.ca>

Subject: Barton St adn Fifty Rd Improvements EA

Good afternoon

The Ministry of Tourism, Culture and Sport (MTCS) has received a Notice of Study Commencement for the project mentioned above. Attached please find MTCS comments and recommendations for this project.

Meanwhile, we would appreciate being kept informed of this project as it proceeds through the EA process. Please continue to send future notices to Rosi Zirger Heritage Planner at rosi.zirger@ontario.ca.

Please contact me as necessary for further discussion.

Sincerely

Rosi Zirger Heritage Planner

Ministry of Tourism, Culture & Sport
Culture Division | Programs & Services Branch | Heritage Programs Unit
401 Bay Street, Suite 1700 Toronto, Ontario M7A 0A7
Tel. M-T-W 416.314.7159 | Th–F 905 704-2996 | E-mail: rosi.zirger@ontario.ca

Ministry of Tourism, **Culture and Sport**

Fax:

Heritage Program Unit Programs and Services Branch 401 Bay Street, Suite 1700 Toronto ON M7A 0A7 416 314-7159 416 212 1802 Tel:

Ministère du Tourisme, de la Culture et du Sport

Téléc: 416 212 1802

Unité des programmes patrimoine Direction des programmes et des services 401, rue Bay, Bureau 1700 Toronto ON M7A 0A7 Tél: 416 314-7159



December 16, 2016 (EMAIL ONLY)

Mr. David Sinke, Consultant Project Manager Amec Foster Wheeler Environnent & Infrastructure 3215 North Service Road Burlington, ON L7N 3G2 E: david.sinke@amecfw.com

RE: MTCS file #: 0006073

Proponent: City of Hamilton

Subject: Notice of Commencement–Municipal Class EA–Phases 3 & 4 processes

Barton Street and Fifty Road Improvements

Location: City of Hamilton, Ontario

Dear .David Sinke

Thank you for providing the Ministry of Tourism, Culture and Sport (MTCS) with the Notice of Study Commencement for the above-noted project. MTCS's interest in this EA project relates to its mandate of conserving Ontario's cultural heritage, which includes:

- archaeological resources, including land-based and marine;
- built heritage resources, including bridges and monuments; and,
- cultural heritage landscapes.

Under the EA process, the proponent is required to determine a project's potential impact on cultural heritage resources.

While some cultural heritage resources may have already been formally identified, others may be identified through screening and evaluation. Aboriginal communities may have knowledge that can contribute to the identification of cultural heritage resources, and we suggest that any engagement with Aboriginal communities includes a discussion about known or potential cultural heritage resources that are of value to these communities. Municipal Heritage Committees, historical societies and other local heritage organizations may also have knowledge that contributes to the identification of cultural heritage resources.

Archaeological Resources

This EA project may impact archaeological resources and you should screen the project with the MTCS Criteria for Evaluating Archaeological Potential to determine if an archaeological assessment is needed. MTCS archaeological sites data are available at archaeologicalsites @ontario.ca. If the EA project area exhibits archaeological potential, then an archaeological assessment (AA) should be undertaken by an archaeologist licenced under the OHA, who is responsible for submitting the report directly to MTCS for review.

Built Heritage and Cultural Heritage Landscapes

The MTCS Criteria for Evaluating Potential for Built Heritage Resources and Cultural Heritage Landscapes should be completed to help determine whether your EA project may impact cultural heritage resources. The Clerk or Heritage Planning staff for the City of Hamilton can provide information on

property registered or designated under the *Ontario Heritage Act*. Municipal Heritage Planners can also provide information that will assist you in completing the checklist

If potential or known heritage resources exist, MTCS recommends that a Heritage Impact Assessment (HIA), prepared by a qualified consultant, should be completed to assess potential project impacts. Our Ministry's *Info Sheet #5: Heritage Impact Assessments and Conservation Plans* outlines the scope of HIAs. Please send the HIA to MTCS and the City's Heritage planning staff for review, and make it available to local organizations or individuals who have expressed interest in heritage.

Environmental Assessment Reporting

All technical heritage studies and their recommendations are to be addressed and incorporated into EA projects. Please advise MTCS whether any technical heritage studies will be completed for your EA project, and provide them to MTCS before issuing a Notice of Completion. If your screening has identified no known or potential cultural heritage resources, or no impacts to these resources, please include the completed checklists and supporting documentation in the EA report or file.

Thank you for consulting MTCS on this project. Please continue to do so through the EA process, and contact me for any questions or clarification.

Sincerely,

Rosi Zirger Heritage Planner rosi.zirger@ontario.ca

Copied to: Margaret Fazio, Senior Project Manager, City of Hamilton

It is the sole responsibility of proponents to ensure that any information and documentation submitted as part of their EA report or file is accurate. MTCS makes no representation or warranty as to the completeness, accuracy or quality of the any checklists, reports or supporting documentation submitted as part of the EA process, and in no way shall MTCS be liable for any harm, damages, costs, expenses, losses, claims or actions that may result if any checklists, reports or supporting documents are discovered to be inaccurate, incomplete, misleading or fraudulent.

Please notify MTCS if archaeological resources are impacted by EA project work. All activities impacting archaeological resources must cease immediately, and a licensed archaeologist is required to carry out an archaeological assessment in accordance with the Ontario Heritage Act and the Standards and Guidelines for Consultant Archaeologists.

If human remains are encountered, all activities must cease immediately and the local police as well as the Cemeteries Regulation Unit of the Ministry of Government and Consumer Services must be contacted. In situations where human remains are associated with archaeological resources, MTCS should also be notified to ensure that the site is not subject to unlicensed alterations which would be a contravention of the Ontario Heritage Act.

From: Stuart, John (MNRF)

To: <u>iplanning</u>

Cc: <u>david.sinke@amecfw.com</u>

Subject: RE: Barton Street and Fifty Road Municipal Class EA

Date: Monday, December 19, 2016 10:08:03 AM

Attachments: Barton Street and Fifty Road - EA Phase 3 & 4 - City of Hamilton.pdf

Good Morning Margaret,

Please see attached for the NEC comments relative to the above captioned study.

Regards,

John Stuart

Planner

Niagara Escarpment Commission

Telephone: (905) 877-7815

Fax: (905) 873-7452

Email: John.Stuart@ontario.ca

www.escarpment.org

"To enable us to serve you better, please call ahead to make an appointment."

Niagara Escarpment Commission

Commission de l'escarpement du Niagara

232 Guelph St. Georgetown, ON L7G 4B1 Tel: 905-877-5191 Fax: 905-873-7452 www.escarpment.org 232, rue Guelph Georgetown ON L7G 4B1 No de tel. 905-877-5191 Télécopieur 905-873-7452 www.escarpment.org



December 19, 2016

Margaret Fazio, EP, MCIP, RPP Senior Project Manager – City Project Lead Infrastructure Planning Section, PED City of Hamilton 71 Main Street W Hamilton, ON L8P 4Y5

Dear Ms. Fazio:

RE: Notice of Study Commencement – Barton Street and Fifty Road Municipal Class Environmental Assessment – Phases 3 & 4

This is in response to your letter of November, 2016 regarding the City's commencement of the above-mentioned Municipal Class Environmental Assessment.

The Niagara Escarpment Commission is interested in participating in this study and would like to provide input and written comments or attend committees as the project matures. The boundary of the Niagara Escarpment Plan (NEP) area in this region follows the northern limit of the City of Hamilton Regional Road 8. The study area encompasses the intersection of Hamilton Regional Road 8 and Fifty Road which is subject to the Escarpment Protection Area policies of the Niagara Escarpment Plan. Transportation and utility facilities are permitted in the Escarpment Protection Area, subject to meeting the Development Criteria of Part 2 of the NEP. In addition, the Commission is interested in understanding servicing of the area in relation to current and future development – in particular from a cumulative impact perspective.

John Stuart has been assigned to this file. He can be contacted at the Georgetown Office address or at (905) 877-7815 or via email at john.stuart@ontario.ca.

Thank you for the opportunity to contribute.

Debbie Ramsay

Manager

Yours truly,

From: Vautour-Larabee, Isabel <ilarabee@uniongas.com>

Sent: Tuesday, January 17, 2017 8:02 AM **To:** Babcock, Olivia; King, Maria E

Subject: FW: City of Hamilton Municipal Class EA - ACTION NEEDED - RESPONSE **Attachments:** Utility Circulation_Roll Plan.pdf; Key Plan.pdf; McNeilly to Glover.pdf

Olivia, Maria,

I am writing today very concerned as I mistakenly filed this email and am very late responding. Attached is a map taken from Union Gas GIS identifying where Union Gas has gas plant on Barton from McNeilly to Glover, Stoney Creek.

NOTE: This information is for planning purposes only, detailed information on depts., etc. will need to be obtained via Ontario one call. Dig safe guidelines as laid out in Ontario Regulation 210/01 – Oil and Gas Pipeline Systems – made under the Technical Standards and Safety Act, 2000 are required when working around Union Gas natural gas plant

Please let me know should you require any additional detail.

Isabel Vautour Larabee

Union Gas, Construction Project Manager, Hamilton District Cell: (289) 775-3066 I Phone: (289) 649-2030 x5212064

Email: ilarabee@uniongas.com

From: Greco, Enzo

Sent: November-28-16 9:34 AM **To:** Vautour-Larabee, Isabel **Cc:** King, Maria E; Babcock, Olivia

Subject: RE: City of Hamilton Municipal Class EA - ACTION NEEDED

Isabel,

I'm sending this on to you as this project is located within your territory.

Regards,

Enzo Greco

Construction Project Manager, Hamilton District Union Gas Limited | A Spectra Energy Company 918 South Service Rd | Stoney Creek, ON Office: 289649-2061 Cell: 905 741-8395

Email: egreco@uniongas.com

From: Babcock, Olivia [mailto:olivia.babcock@amecfw.com]

Sent: November-28-16 8:51 AM

To: leslie.johnston@bell.ca; bob.howard@hamilton.ca; randy.leppert@concego.com;

mark.jakubowski@horizonutilities.com; doreen.stermann@hydroone.com; keith.zonneveld@rci.rogers.com;

bruno@sourcecable.com; max.pavese@telus.com; Greco, Enzo

Cc: King, Maria E

Subject: City of Hamilton Municipal Class EA - ACTION NEEDED

Hello all,



From: Young, Jeffrey <jeffrey.young@tc.gc.ca>
Sent: Tuesday, January 17, 2017 6:27 AM

To:Rocha, BiancaCc:Williams, Duwayne

Subject: RE: NEATS 43557: Class EA - Barton Street and Fifty Road, Hamilton ONT

Good morning Bianca,

You are correct. All new and existing grade crossings must meet the "Grade Crossing Regulations", including meeting any the change requirements set out in the Grade Crossing Regulations. Also note Section 101 of the "Grade Crossing Regulations" prohibiting new intersections or access roads within 30 meters of the crossing. All work must be approved by a Professional Engineer as outlined in Section 11 of the "Railway Safety Act". As the proponent of the work at the crossing, and if the work is of the prescribed kind, then a "Notice of Railway Works" under Section 8 of the "Railway Safety Act" will need to be issued as prescribed in the "Notice of Railway Works Regulations".

Other than the above, you do not require any formal permission, or permits from Transport Canada to make changes to a grade crossing. Of course, you will need to work with the Railway Company for which the line of railway crosses.

Regards,

Jeffrey Young, CET

Regional Signal Systems Safety Inspector

Transport Canada, Rail Safety Sudbury Transport Canada Centre (Sudbury TCC) 1301 Skyline Drive Garson, Ontario P3L 1V4

Engineering Duty Line: 416-973-7074
Fax: (416) 973-9907
Cell: (416) 985-5754
Email: Jeffrey.Young@tc.gc.ca

Road/Railway Grade Crossings

http://www.tc.gc.ca/eng/railsafety/railsafety-333.htm

From: Rocha, Bianca [mailto:bianca.rocha@amecfw.com]

Sent: Thursday, January 12, 2017 2:29 PM **To:** Young, Jeffrey < jeffrey.young@tc.gc.ca>

Cc: Williams, Duwayne <duwayne.williams@tc.gc.ca>

Subject: RE: NEATS 43557: Class EA - Barton Street and Fifty Road, Hamilton ONT

Hi Jeffrey,

As per our phone conversation, I wanted to confirm our discussion for our project files. Under the Railway Safety Act, there are no approvals or authorizations required for modifications to the crossing if we abide by the Grade Crossing Regulations. However, any proposed changes or modifications to this railway crossing is subject to a Notice of Works to CN.

As to whether to remove or keep TC on the project list, that can be up to our discretion but TC does not have an issue with being kept involved with regards to works at this location.

Kindly confirm the above and let me know if I missed anything.

Many thanks! Bianca

From: Young, Jeffrey [mailto:jeffrey.young@tc.gc.ca]

Sent: Thursday, January 12, 2017 12:26 PMTo: Rocha, Bianca
bianca.rocha@amecfw.comCc: Williams, Duwayne <
duwayne.williams@tc.gc.ca

Subject: FW: NEATS 43557: Class EA - Barton Street and Fifty Road, Hamilton ONT

Good afternoon Ron,

Your office was kind enough to give me your cell phone number. I left you a voice message and am following up with an e-mail. My contact information is below, if you would call me back at your convenience, I would like to get some additional information so that I can better advise you concerning any requirements under the Railway Safety Act.

Regards,

Jeffrey Young, CET

Regional Signal Systems Safety Inspector

Transport Canada, Rail Safety Sudbury Transport Canada Centre (Sudbury TCC) 1301 Skyline Drive Garson, Ontario P3L 1V4

Engineering Duty Line: 416-973-7074 Fax: (416) 973-9907 Cell: (416) 985-5754

Email: Jeffrey.Young@tc.gc.ca

Road/Railway Grade Crossings

http://www.tc.gc.ca/eng/railsafety/railsafety-333.htm

From: Rocha, Bianca [mailto:bianca.rocha@amecfw.com]

Sent: Wednesday, January 11, 2017 2:29 PM

To: RailSafety < <u>RailSafety@tc.gc.ca</u>>

Subject: FW: NEATS 43557: Class EA - Barton Street and Fifty Road, Hamilton ONT

Hello,

This email is a request with regard to the highlighted portion of the below-noted email from Transport Canada. I've attempted calling via the Rail Safety Program general inquiries line (613-998-2985) and the operator directed me to a voicemail at the applicable TC department. I left a voicemail on Friday, January 6, however, I thought I would follow up with an email of my request.

My name is Bianca Rocha and I am an Environmental Planner at Amec Foster Wheeler. We are working on an Environmental Assessment study for a client and sent a notice to Transport Canada, notifying them of the study. We got the below response. Upon reviewing the email and self-assessing the study, it was noted that there is a railway crossing within the study area that will be modified by proposed works. Options include 1) maintaining the existing at-grade crossing or 2) constructing a bridge over the crossing. It's still early in the project so both options are being evaluated however, our team would like to know what approvals or authorizations, if any, are needed under the Railway Safety Act. This will assist us in determining whether we should keep or remove Transport Canada on the project mailing list.

Any assistance would be greatly appreciated.

Thanks, Bianca

Bianca Rocha
Junior Environmental Planner
Amec Foster Wheeler
Environment & Infrastructure
160 Traders Blvd. Suite 110
Mississauga, ON L4Z 3K7
Tel: 905-568-2929 ext. 4149
bianca.rocha@amecfw.com
www.amecfw.com

From: EnviroOnt [mailto:EnviroOnt@tc.gc.ca]
Sent: Tuesday, December 06, 2016 8:48 AM

To: iplanning@hamilton.ca; Sinke, David David.Sinke@amecfw.com>

Subject: NEATS 43557: Class EA - Barton Street and Fifty Road, Hamilton ONT

Hello,

Thank you for your correspondence.

Please note Transport Canada **does not** require receipt of all individual or Class EA related notifications. We are requesting project proponents to self-assess if their project will interact with a federal property **and** require approval and/or authorization under any Acts administered by Transport Canada*.

Under the Canadian Environmental Assessment Act, 2012, Transport Canada is required to determine the likelihood of significant adverse environmental effects of projects that will occur on federal property prior to exercising a power, performing a function or duty in relation to that project. The project proponent should review the Directory of Federal Real Property, available at http://www.tbs-sct.gc.ca/dfrp-rbif/, to verify if the project will potentially interact with any federal property and/or waterway. The project proponent should also review the list of Acts that Transport Canada administers and assists in administering that may apply to the project, available at: https://www.tc.gc.ca/eng/acts-regulations/acts.htm.

If the aforementioned does not apply, the Environmental Assessment program should not be included in any correspondence. If there is a role under the program, correspondence should be forwarded *electronically* to: EnviroOnt@tc.gc.ca.

*Below is a summary of the most common Acts that have applied to projects in an Environmental Assessment context:

• **Navigation Protection Act (NPA)** – the Act applies primarily to works constructed or placed in, on, over, under, through, or across scheduled navigable waters set out under the Act. The Navigation Protection Program

administers the NPA through the review and authorization of works affecting scheduled navigable waters. Information about the Program, NPA and approval process is available at: http://www.tc.gc.ca/eng/programs-621.html. Enquiries can be directed to NPPONT-PPNONT@tc.gc.ca or by calling (519) 383-1863.

- Railway Safety Act (RSA) the Act provides the regulatory framework for railway safety, security, and some of the environmental impacts of railway operations in Canada. The Rail Safety Program develops and enforces regulations, rules, standards and procedures governing safe railway operations. Additional information about the Program is available at: https://www.tc.gc.ca/eng/railsafety/menu.htm. Enquiries can be directed to RailSafety@tc.gc.ca or by calling (613) 998-2985.
- Transportation of Dangerous Goods Act (TDGA) the transportation of dangerous goods by air, marine, rail and road is regulated under the TDGA. Transport Canada, based on risks, develops safety standards and regulations, provides oversight and gives expert advice on dangerous goods to promote public safety. Additional information about the transportation of dangerous goods is available at: https://www.tc.gc.ca/eng/tdg/safety-menu.htm. Enquiries can be directed to TDG-TMDOntario@tc.gc.ca or by calling (416) 973-1868.
- Aeronautics Act Transport Canada has sole jurisdiction over aeronautics, which includes aerodromes and all related buildings or services used for aviation purposes. Aviation safety in Canada is regulated under this Act and the Canadian Aviation Regulations (CARs). Elevated Structures, such as wind turbines and communication towers, would be examples of projects that must be assessed for lighting and marking requirements in accordance with the CARs. Transport Canada also has an interest in projects that have the potential to cause interference between wildlife and aviation activities. One example would be waste facilities, which may attract birds into commercial and recreational flight paths. The Land Use In The Vicinity of Aerodromes publication recommends guidelines for and uses in the vicinity of aerodromes, available at:

 https://www.tc.gc.ca/eng/civilaviation/publications/tp1247-menu-1418.htm. Enquires can be directed to CASO-SACO@tc.gc.ca or by calling 1 (800) 305-2059 / (416) 952-0230.

Please advise if additional information is needed.

Thank you,

Environmental Assessment Program | Programme d'évaluation environnementale Transport Canada, Ontario Region | Transports Canada, Région de l'Ontario 4900 Yonge St., Toronto, ON M2N 6A5 | 4900, rue Yonge, Toronto, ON, M2N 6A5

Email | Courriel: EnviroOnt@tc.gc.ca
Facsimile | télécopieur: (416) 952-0514

Government of Canada | Gouvernement du Canada



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Mr. Mark Wright Transport Canada 100 South Front Street Sarnia, ON N7T 2M4

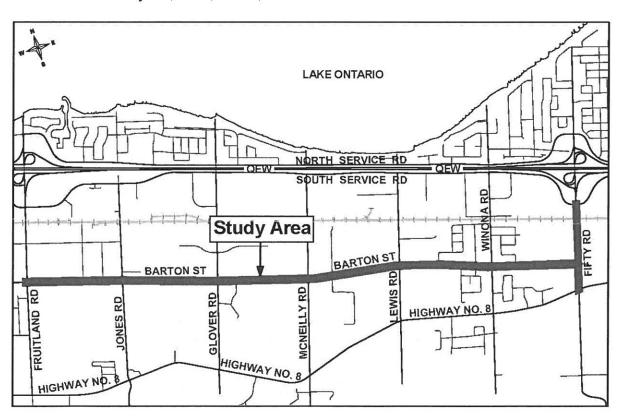
Dear Mr. Wright,

Notice of Study Commencement

Barton Street and Fifty Road

Municipal Class Environmental Assessment - Phases 3 and 4

The City is planning improvements to better serve our community by enhancing ways you commute such as by car, truck, transit, bike or on foot!



Over the next two years, the City will be doing a number of studies to help inform these improvements. These studies will build on the recommendations made in the Fruitland-Winona Secondary Plan. One of these studies is on the Barton Street and Fifty Road. The goal of this

study is to develop a preferred practical design to meet the needs of the community. This study is following the Municipal Class Environmental Assessment Phases 3 and 4 process.

For further details visit: www.hamilton.ca/barton-fifty-ea	
	Interested in participating in the study's Focus Group?
For more information contact:	Please contact us by Friday, December 16, 2016.

If you have any questions or comments, or any accessibility requirements in order to participate in the project please contact the staff below.

Margaret Fazio, EP, MCIP, RPP
Senior Project Manager – City Project Lead
Infrastructure Planning Section, PED
City of Hamilton

Phone: 905-546-2424 ext. 2218 Email: iplanning@hamilton.ca

David Sinke, B. Eng. Mgt., P.Eng.
Consultant Project Manager
Amec Foster Wheeler Environment & Infrastructure
3215 North Service Road, Burlington ON L7N 3G2
Phone: 905-335-2353 ext. 1287

Email: david.sinke@amecfw.com

Information will be collected in accordance with the *Municipal Freedom of Information and Protection of Privacy Act.* With the exception of personal information, all comments will become part of the public record.

This Notice is being published in *Stoney Creek News* on November 24 and December 1, 2016; and in *Hamilton Spectator's At Your Service* on November 25 and December 2, 2016.

From: Young, Rob

Sent: Tuesday, January 24, 2017 5:06 PM

To: Rocha, Bianca

Subject: FW: Information Request - Barton Street and Fifty Road Improvements

Attachments: HCA_InfoRequest_BartonSt EA_Rev0.pdf

For the Barton St EA ROC.

Rob.

From: Ferguson, Brittany Sent: January-19-17 11:36 AM

To: darren.kenny@conservationhamilton.ca

Cc: Rideout, Daryl T <Daryl.Rideout@amecfw.com>; Young, Rob <Rob.Young@amecfw.com>

Subject: Information Request - Barton Street and Fifty Road Improvements

Hello Mr. Kenny,

On behalf of the City of Hamilton, Amec Foster Wheeler would like to request any information that Hamilton Region Conservation Authority (HCA) may have pertaining to relevant natural heritage features and Species at Risk in the vicinity of the proposed road widening and improvement project. Details of the proposed works, including mapping of the study area are enclosed in the attached letter.

If you have any questions regarding the attached submittal, please do not hesitate to contact me at the undersigned.

Kind Regards,

Brittany Ferguson, B.Sc.

Environmental Biologist Amec Foster Wheeler Environment & Infrastructure

160 Traders Blvd, Suite 110 Mississauga, Ontario, Canada L4Z 3K7

D +1 (905) 568 2929 x 4122 E <u>brittany.ferguson@amecfw.com</u> amecfw.com



January 19, 2017 TPB166053

Darren Kenny Watershed Officer Hamilton Conservation Authority P.O. Box 81067, 838 Mineral Springs Road Ancaster, Ontario L9G 4X1

Dear Mr. Kenny,

Re: Schedule 'C' Municipal Class Environmental Assessment (Phases 3 & 4) for Barton Street and Fifty Road Improvements, City of Hamilton

This memorandum and the attached figure have been prepared by Amec Foster Wheeler Environment & Infrastructure (Amec Foster Wheeler), on behalf of the City of Hamilton (the City). Amec Foster Wheeler would like to request any information that Hamilton Region Conservation Authority (HCA) may have pertaining to relevant natural heritage features and Species at Risk in the vicinity of the proposed project.

The City is conducting a Schedule 'C' Municipal Class Environmental Assessment and is in a preliminary design phase for the widening and intersection improvements of Barton Street from Fruitland to Fifty Road, and widening of Fifty Road. The location of the study area is provided in the project location map included as Attachment 1.

As previously mentioned, Amec Foster Wheeler is requesting that HCA review the mapping provided and provide environmental information in the vicinity of the proposed study area.

If you should have any questions regarding this submittal or require further information, please contact the undersigned.

Sincerely,

Brittany Ferguson Environmental Biologist

Amec Foster Wheeler Environment & Infrastructure, a Division of Amec Foster Wheeler Americas Limited

Direct Tel 905-568-2929 x 4122

E-mail brittany.ferguson@amecfw.com

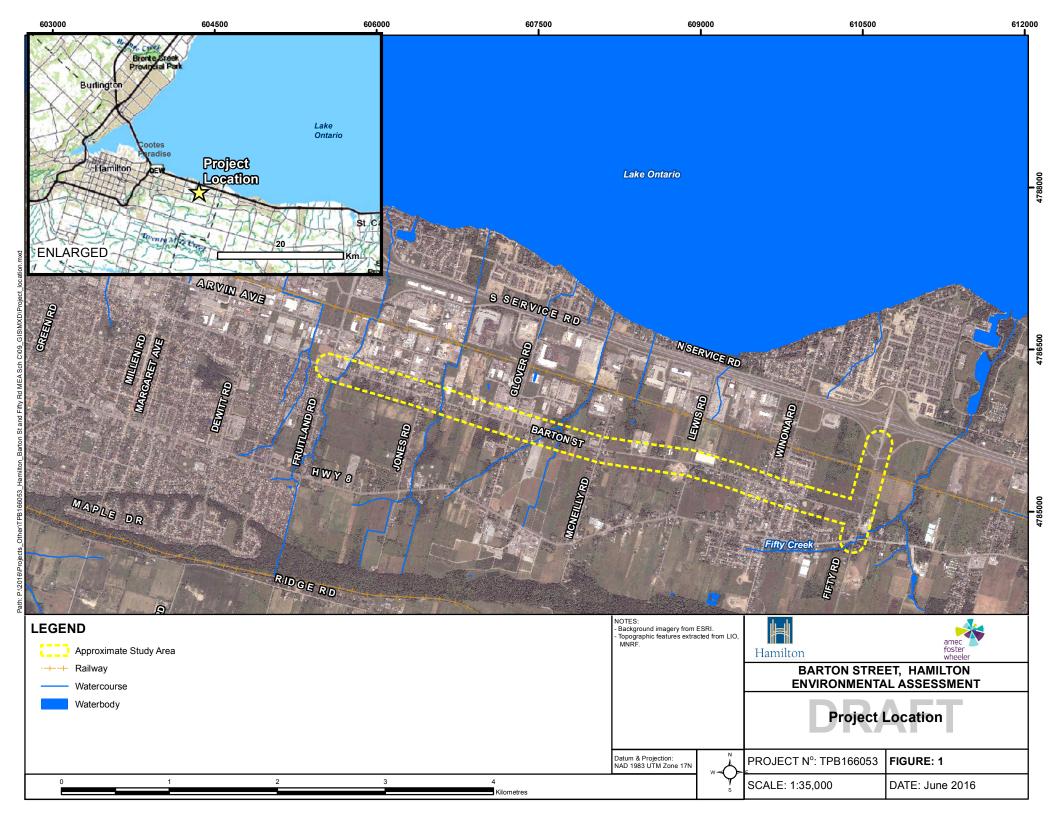
Enclosed: Attachment 1 – Project Location Map

cc: Daryl Rideout, Amec Foster Wheeler

Rob Young, Amec Foster Wheeler

Amec Foster Wheeler Environment & Infrastructure, a Division of Amec Foster Wheeler Americas Limited 160 Traders Blvd. East, Suite 110 Mississauga, Ontario L4Z 3K7

Tel (905) 568-2929 Fax (905) 568-1686



From: Slattery, Barbara (MOECC)

To: <u>david.sinke@amecfw.com</u>; <u>iplanning</u>

Subject: MOECC Acknowledgement Letter for Barton Street & Fifty Road MEA Class EA

Date: Thursday, January 19, 2017 1:00:32 PM

Attachments: BartonFiftyRoadCacklet.docx

NoC BartonStE.pdf

With regards,

Barb Slattery, EA/Planning Coordinator Ministry of the Environment and Climate Change West Central Region (905) 521-7864 Ministry of the Environment and Climate Change West Central Region

119 King Street West 12th Floor Hamilton, Ontario L8P 4Y7

Tel.: 905 521-7640 Fax: 905 521-7820

et de l'Action en matière de changement climatique Direction regionale du Centre-Quest

119 rue King Quest 12e étage Hamilton (Ontario) L8P 4Y7

Ministère de l'Environnement

Tél.: 905 521-7640 Téléc.: 905 521-7820



January 19, 2017

Ms Margaret Fazio Infrastructure Planning Section City of Hamilton

Mr. David Sinke AMEC

Dear Ms Fazio and Mr. Sinke

Re: Schedule "C" Municipal Class Environmental Assessment

Barton Street and Fifty Road

Response to Notice of Commencement

This letter is in response to the Notice of Commencement for the above noted project. The Ministry of the Environment and Climate Change (MOECC) acknowledges that the City of Hamilton has indicated that its study is following the Schedule "C" process under the MEA Class EA as it identifies and assesses alternatives to implement the recommendations made in the Fruitland-Winona Secondary Plan to ensure that these major arterial roads are able to meet future demands and meet the needs of the community.

We have prepared and have enclosed a map based on our land use inventory of the area for your information and consideration as appropriate. Waste materials generated during the course of construction must be handled in accordance with this Ministry's Protocol for the Management of Excess Materials in Road Construction and Maintenance. The principles of this protocol are included in OPSS 180.

Based on information you have provided to date and the Crown's preliminary assessment you are required to consult with the following communities who have been identified as potentially affected by your proposed project.

COMMUNITY	CONTACT
Six Nations of the Grand River	Chief Ava Hill
Territory	Tel: (519)445-2201
1695 Chiefswood Road	Email: arleenmaracle@sixnations.ca and
P.O. Box 5000	lonnybomberry@sixnations.ca
Ohsweken, ON N0A 1M0	

COMMUNITY	CONTACT
Haudeosaunee Confederacy Council	Chief Allan McNaughton
2634 6 th Line Road	Haudenosaunee Development Institute
R.R. #2	Email: hdi2@bellnet.ca
Ohsweken, ON N0A 1M0	Phone: 519-445-4222
Mississaugas of the New	Fawn Sault
Credit	Consultation Manager
2789 Mississauga Road	Email: Fawn.Sault@newcreditfirstnation.com
RR #6	
Hagersville, ON N0A 1H0	
Metis Nation of Ontario	Tel: (613) 798-1488
Metis Consultation Unit	Fax: (613)725-4225
500 Old St. Patrick Street, Unit	www.metisnation.org/home.aspx
3	
Ottawa, ON K1N 9G4	

Your proposed project may have the potential to affect Aboriginal or treaty rights protected under Section 35 of Canada's *Constitution Act* 1982.

The Crown has a legal duty to consult Aboriginal communities when it has knowledge of an existing or asserted Aboriginal or treaty right and contemplates conduct that may adversely impact that right. In outlining a framework for the duty to consult, the Supreme Court of Canada has stated that the Crown may delegate procedural aspects of consultation to third parties.

Where the Crown's duty to consult is triggered in relation to your proposed project, the MOECC is delegating the procedural aspects of rights-based consultation to you through this letter.

Steps that you may need to take in relation to Aboriginal consultation for your proposed project are outlined in the "Code of Practice for Consultation in Ontario's Environmental Assessment Process" which can be found at the following link:

https://www.ontario.ca/document/consultation-ontarios-environmental-assessment-process

Additional information related to Ontario's Environmental Assessment Act is available online at: www.ontario.ca/environmentalassessments

You must contact the Director of Environmental Approvals Branch under the following circumstances subsequent to initial discussions with the communities identified by MOECC:

- Aboriginal or treaty rights impacts are identified to you by the communities
- You have reason to believe that your proposed project may adversely affect an Aboriginal or treaty right
- Consultation has reached an impasse

- A Part II Order request or elevation request is expected

The Director of the Environmental Approvals Branch can be notified either by email with the subject line "Potential Duty to Consult" to EAASIBgen@ontario.ca or by mail or fax at the address provided below:

Email:	EAASIBGen@ontario.ca Subject: Potential Duty to Consult
Fax:	416-314-8452
Address:	Environmental Approvals Branch 135 St. Clair Avenue West, 1 st Floor
	Toronto, ON, M4V 1P5

The MOECC will then assess the extent of any Crown duty to consult for the circumstances and will consider whether additional steps should be taken, including what role you will be asked to play in them.

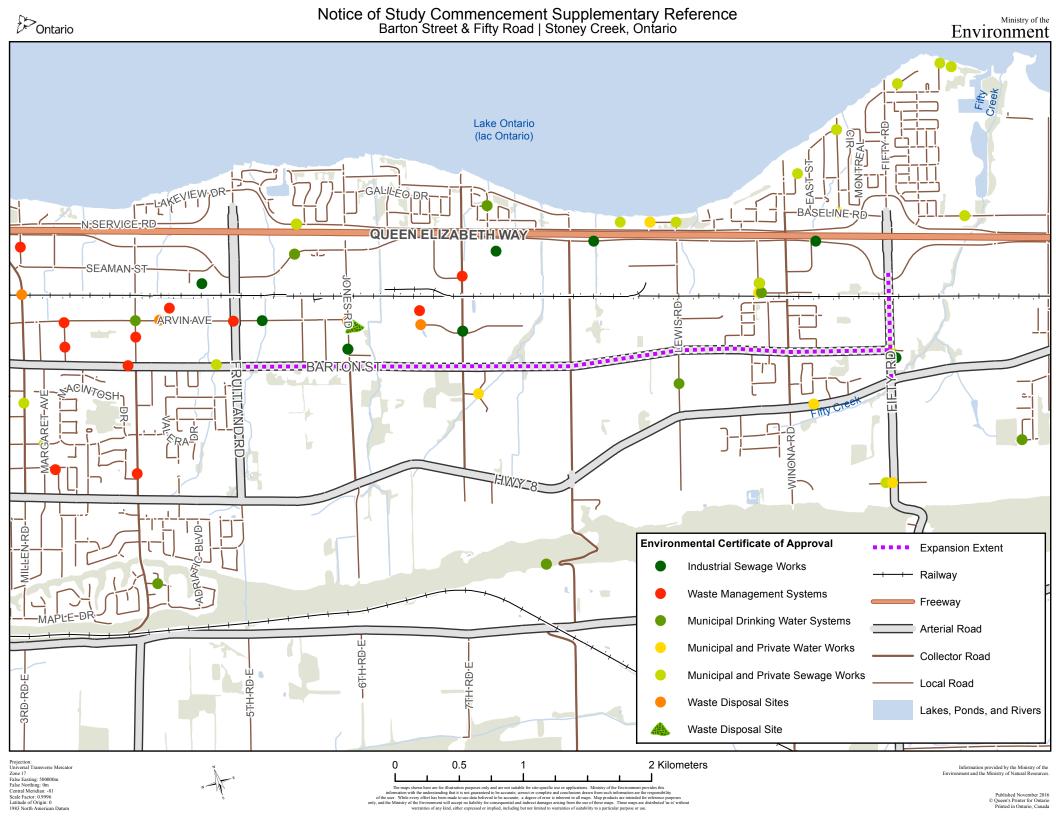
Should you or any members of your project team have any questions regarding the material above, please contact me at either at (905) 521-7864 or at Barbara.slattery@ontario.ca

Yours truly,

Barbara Slattery

EA/Planning Coordinator

Barbara Slattery



From: Chris Pincombe < Chris.Pincombe@enbridge.com>

Sent: Tuesday, February 14, 2017 9:59 AM

To: Babcock, Olivia

Cc: Eastern Region Crossing; Ann Newman

Subject: Enbridge Pipelines Inc. Comments RE: City of Hamilton Municipal Class EA- ACTION

NEEDED

Hi Olivia,

For your records, Enbridge Pipelines Inc. has reviewed the subject application and does not have any facilities within the area.

Please send all future correspondence to est.reg.crossing@enbridge.com (cc'd).

Regards,

Chris Pincombe C.E.T.

Lands & ROW Administrator - Crossings Eastern Region

ENBRIDGE PIPELINES INC.

TEL: 519-333-6753 | FAX: 519-339-0510 Western Research Park 1086 Modeland Road, Bldg. 1050 1st Floor, Sarnia, ON, N7S 6L2

enbridge.com
Integrity. Safety. Respect.



From: Babcock, Olivia [mailto:olivia.babcock@amecfw.com]

Sent: Tuesday, December 13, 2016 4:30 PM

To: ron.harten@hamiltonucorp.com; plane@sun-canadian.com; Ann Newman; dpresley@mhbcplan.com

Cc: King, Maria E

Subject: City of Hamilton Municipal Class EA- ACTION NEEDED

Hello all,

The City of Hamilton has initiated a Schedule 'C' Municipal Class Environmental Assessment (Class EA) related to the widening of Barton Street and improvement of Fifty Road within the study area (refer to attached key plan). Amec Foster Wheeler is leading the study on behalf of the City and requests your assistance with definition of existing and proposed utility infrastructure within the study area limits.

To assist with evaluation of alternatives, and subsequent definition of preferred alignments, we are requesting details related to existing and/or proposed utility infrastructure within the study limits. This information will be used to ensure that any impacts to utility infrastructure is clearly identified and considered during the assessment process. Of critical importance is identification of vital or trunk mains/services. In this regard, could you kindly provide the following:

From: Kenny, Darren < Darren.Kenny@conservationhamilton.ca>

Sent: Friday, March 3, 2017 11:43 AM

To: Babcock, Olivia

Cc:Sinke, David; King, Maria E; Jim Avram (jim.avram@ontario.ca)Subject:RE: February 14 - Chedoke Reservoir Meeting Follow Up

Olivia,

Further to our joint meeting on February 14, 2017 and based on HCA staff review of the additional details you provided for the reservoir access alternatives, our office is supportive of Alternatives 1 and 3A (in that order), as they make best use of existing trail infrastructure and would represent by far the least amount of disturbance, grading/fill placement, tree removal and amount of new watercourse crossings.

For Alternative 1, a permit would be required from our office for fill placement/grading in the vicinity of the watercourse crossing between Stations 9-700 and 9-800 and the new permanent/temporary watercourse crossing between Stations 10-400/10-500. HCA staff feel a temporary/removable bailey bridge would be best for the new crossing given the erodible nature of the channel. A single application could be submitted for both locations.

For Alternative 3A, a permit would be required from our office for fill placement/grading and any crossings between Stations 10-000/10-100 and 10-400/10-500.

If you have any further questions, please contact me.

Thank you

Darren Kenny, B.Sc. (Hons.), CAN-CISEC Watershed Officer, Badge # 113
Hamilton Conservation Authority
P.O. Box 81067, 838 Mineral Springs Road Ancaster, Ontario L9G 4X1
Tel - 905-525-2181, ext. 131
Fax - 905-648-4622
darren.kenny@conservationhamilton.ca
Website - www.conservationhamilton.ca

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Thank you.

From: Babcock, Olivia [mailto:olivia.babcock@amecfw.com]

Sent: Wednesday, February 15, 2017 8:51 AM

To: Kenny, Darren < Darren.Kenny@conservationhamilton.ca>

Cc: Sinke, David <David.Sinke@amecfw.com>; King, Maria E <maria.e.king@amecfw.com>

Subject: February 14 - Chedoke Reservoir Meeting Follow Up

Good morning,

It was great to meet you yesterday and we really appreciate you offering to provide us with the natural area survey data that your team collected in the study area. We look forward to reviewing and using the data and would appreciate it if you could provide it as a CAD compatible or GIS compatible file.

I have also attached the plans and profiles of the five alternative alignments that you requested. These are draft concepts and they will be refined as the project progresses.

Please let me know if you require any other information.

Regards,

Olivia Babcock, EIT

Junior Transportation Engineer
Amec Foster Wheeler, Environment & Infrastructure
3215 North Service Road, Burlington, Ontario L7N 3G2, Canada T 905-335-2353 ext.1280
olivia.babcock@amecfw.com , amecfw.com

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From: Shawn Dall <Shawn.Dall@rci.rogers.com>

Sent: Thursday, May 4, 2017 1:44 PM

To: Babcock, Olivia

Cc: Steve Gionomo; Dan Mozzoni

Subject: RE: City of Hamilton Municipal Class EA - ACTION NEEDED

Attachments: Municipal Class EA.pdf

Here you go!

-shawn-

From: SWOGR-PERMITS

Sent: Wednesday, May 03, 2017 3:24 PM

To: Dan Mozzoni <Dan.Mozzoni@rci.rogers.com>; Steve Gionomo <Steve.Gionomo@rci.rogers.com>; Shawn Dall

<Shawn.Dall@rci.rogers.com>

Cc: SWOGR-PERMITS <SWOGR.PERMITS@rci.rogers.com>; olivia.babcock@amecfw.com

Subject: FW: City of Hamilton Municipal Class EA - ACTION NEEDED

Hi guys -

Can you please have a look at the email below and attached and advise?

Thanks,

April Legault

Planning Coordinator

Wireline Access Networks Outside Plant Engineering Southwestern Ontario 85 Grand Crest Place Kitchener, ON N2G 4A8

april.legault@rci.rogers.com

519-772-6746519-893-6463

O ROGERS

From: Babcock, Olivia [mailto:olivia.babcock@amecfw.com]

Sent: Wednesday, May 03, 2017 3:22 PM

To: SWOGR-PERMITS < <u>SWOGR.PERMITS@rci.rogers.com</u>> **Subject:** City of Hamilton Municipal Class EA - ACTION NEEDED

Hello,

The City of Hamilton has initiated a Schedule 'C' Municipal Class Environmental Assessment (Class EA) related to the widening of Barton Street and improvement of Fifty Road within the study area (refer to attached key plan). Amec



From: Babcock, Olivia

Sent: Thursday, May 18, 2017 11:01 AM

To: 'plane@sun-canadian.com'; 'colleen.m.mitchell@esso.com'

Subject:City of Hamilton Class EA - ACTION NEEDEDAttachments:Utility Circulation_Roll Plan.pdf; Key Plan.pdf

Hello all,

The City of Hamilton has initiated a Schedule 'C' Municipal Class Environmental Assessment (Class EA) related to the widening of Barton Street and improvement of Fifty Road within the study area (refer to attached key plan). Amec Foster Wheeler is leading the study on behalf of the City and requests your assistance with definition of existing and proposed utility infrastructure within the study area limits.

To assist with evaluation of alternatives, and subsequent definition of preferred alignments, we are requesting details related to existing and/or proposed utility infrastructure within the study limits. This information will be used to ensure that any impacts to utility infrastructure is clearly identified and considered during the assessment process. Of critical importance is identification of vital or trunk mains/services. In this regard, could you kindly provide the following:

If you DO NOT have facilities within the study area:	Kindly respond to this email, <u>EXPLICITLY</u> stating that your utility/organization <u>does not</u> have facilities within the study area.
If you DO have facilities within the study area:	Kindly provide us with details regarding location, size and type of facilities in one or more of the following formats: • Mark-ups on the attached basemapping; • AutoCAD, MicroStation or GIS drawings (preferred); or • Digital copies of facility design drawings.
If you PLAN TO have facilities, or are modifying existing facilities within the study area:	Kindly provide us with details regarding proposed location, sizing and type of facilities in one or more the following formats: • Mark-ups on the attached basemapping; • AutoCAD, MicroStation or GIS drawings (preferred); or • Digital copies of facility design drawings. Please be sure to indicate that these are for future installations and, if known, provide timelines for implementation.

Please do not hesitate to contact us should you require additional information and/or file formats to work with. Your involvement with this study is greatly appreciated, and we will assist in any way possible.

Best regards,

WE MOVED! Our new address as of Monday April 24, 2017 is 3450 Harvester Rd, Suite 100 Burlington, ON L7N 3W5

Olivia Babcock, EIT

Transportation Designer
Amec Foster Wheeler, Environment & Infrastructure
3450 Harvester Rd, Suite 100, Burlington, ON L7N 3W5, Canada T 905-335-2353 ext.1280
olivia.babcock@amecfw.com , amecfw.com

From: Lane, Paul <plane@sun-canadian.com>
Sent: Thursday, May 18, 2017 11:13 AM

To: Babcock, Olivia

Subject: RE: City of Hamilton Class EA - ACTION NEEDED

Hello Olivia:

Further to your inquiry regarding Sun-Canadian's facilities in the vicinity of of Barton Street and improvement of Fifty Road within the study area (refer to attached key plan).

Sun-Canadian confirms we DO NOT have pipeline facilities in the subject area.

We will not be involved in this project

Thank you for your consideration.

Paul Lane CET
Property & Construction Technologist
plane@sun-canadian.com
905-538-9606 (new)

From: Babcock, Olivia [mailto:olivia.babcock@amecfw.com]

Sent: Thursday, May 18, 2017 11:01 AM **To:** Lane, Paul; colleen.m.mitchell@esso.com

Subject: City of Hamilton Class EA - ACTION NEEDED

Hello all,

The City of Hamilton has initiated a Schedule 'C' Municipal Class Environmental Assessment (Class EA) related to the widening of Barton Street and improvement of Fifty Road within the study area (refer to attached key plan). Amec Foster Wheeler is leading the study on behalf of the City and requests your assistance with definition of existing and proposed utility infrastructure within the study area limits.

To assist with evaluation of alternatives, and subsequent definition of preferred alignments, we are requesting details related to existing and/or proposed utility infrastructure within the study limits. This information will be used to ensure that any impacts to utility infrastructure is clearly identified and considered during the assessment process. Of critical importance is identification of vital or trunk mains/services. In this regard, could you kindly provide the following:

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If you DO have facilities within the study area:	Kindly provide us with details regarding location, size and type of facilities in one or more of the following formats: • Mark-ups on the attached basemapping; • AutoCAD, MicroStation or GIS drawings (preferred); or • Digital copies of facility design drawings.



Minutes

Date: June 7, 2021 **File #:** TPB166053

Meeting Date & June 3, 2021, 2:00 pm

Time:

Meeting at: WebEX

Subject: Barton-Fifty MCEA – TAC Meeting

Attendees:

Margaret Fazio, COH Jeff Suggett, Wood

Darlene Cole, COH Muhammad Khan, Wood

Mohan Philip, COH

Melanie Anderton, COH

Christina Cholkan, COH

Brian Hollingworth, COH

Aniqa Shams, Wood

Carley Rennie, Wood

Zivko Panovski, COH

Steven Kizlan, COH

Steve Molloy, COH Mushfiqur Rahman, COH
Binu Korah, COH Stacey Kursikowski, COH

Melissa Kiddie, COH Ohi Izirein, COH

Monir Moniruzzaman, COH Gavin Norman, COH

Regrets:

Louis Wickline, COH

Chris King, COH

Mike Christie, COH

Mani Seradj, COH

Tom Dawson, COH

Daryl Bender, COH

Alissa Mahood, COH

Helen McArthur, COH

Ryan Moore, COH

Michael Fang, COH

MATTERS DISCUSSED ACTION BY:

1. Introductions and Project Overview

M. Fazio welcomed all in attendance.

2. Review of Draft Project Update Presentation Boards

PLEASE NOTE: If there is any comment or amendment to be made to these meeting notes, they should be brought to the notice of Wood within five (5) business days of issue and confirmed in writing.

3450 Harvester Road Wood Environment & Infrastructure Solutions

Burlington, ON L7N 3W5 a Division of Wood Canada Limited

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Meeting Date: June 3, 2021

MATTERS DISCUSSED ACTION BY:

J. Suggett began the meeting by presenting the roll plans for Fifty Road and Barton Street, specifically focusing on the proposed changes to the intersection of Fifty Road and Hwy 8.

A. Shams and J. Suggett presented the draft Public Information Centre (PIC) panels, inviting all to comment if they had concerns or recommendations regarding any of the materials being presented.

3. Fifty Road and Hwy 8 Intersection Design

- Z. Panovski requested clarification on the angle of intersection and if there will be an impact on sightlines with the proposed design of the intersection.
- M. Khan explained that there will not be any safety concerns with the proposed design and the angle of the intersection can be determined and provided post-meeting.
- B. Korah asked what the property impact will be if the intersection is shifted by 3 m.
- M. Khan explained that there will be property impacts likely on the northwest quadrant of the intersection.
- M. Rahman explained that if an opportunity is available, the City strives to fix skewed intersections. This intersection is heavily skewed and if the Study is recommending the reconstruction of this intersection, the skew should also be addressed.
- M. Khan explained that the skewness of the intersection will not be increased. The TAC guidelines currently permit a maximum of 70% skewness; however, the Project Team will analyze if the skew can be reduced. It should be noted that straightening the intersection will result in the need to move the culvert, which is an additional expense. The to reduce skew Highway 8 will also have to be shifted south, impacting properties on the south side.

The summary of the discussion resulted in COH staff preferring the intersection to be moved to the south, which will result in burying the culvert at the southeast corner. It was understood that burying a culvert will not result in additional maintenance cost but may have impacts to the natural environment and/or SWM. Shifting the intersection to the south will impact the property on the south east corner, however, wold provide COH with ROW in this area. It was also recognized that no

Meeting Date: June 3, 2021

MATTERS DISCUSSED ACTION BY:

culvert proposed to run diagonally across the intersection may be accepted by Hamilton Conservation Authority. M. Fazio will confirm with Hamilton Conservation Authority if the shift in intersection, impacting the culvert will be accepted by the Hamilton Conservation Authority.

City of Hamilton

4. CNR Grade Crossing

- B. Hollingworth asked if the design considers level crossing.
- J. Suggett explained that the design considers level crossing, however the design reserves space in ROW for future grade separation, which COH will be required to investigate in the future.
- G. Norman explained that a grade crossing is needed in this area, however it is expensive and needs to be investigated in partnership with Metrolinx.
- B. Hollingworth asked if the cross-section considers the retaining wall required for the future grade separation and will this impact active transportation.
- M. Fazio explained that the east side has adequate space to accommodate the retaining wall and active transportation.
- M. Khan further explained that hydro lines are not impacted. The clearance required is much lower for an underpass and as such an underpass is the preferred planning solution. An overpass will result in a steeper crossing. The other issue is tying into the intersection of Fifty Road and the South Service Road.

5. Barton Street Cross-Section

Questions were raised on the existing ROW of Barton Street.

- M. Fazio explained that the existing ROW various throughout Barton Street, starting at 36 m at the west end and as the road moves east, closer to residential areas, the ROW becomes 20 m. It was noted that the proposed promenade is needed in the new development areas, not in areas of existing single-family homes. It was also noted that cycle lanes should be continuous along the south side.
- D. Cole asked if impacted property owners have seen the cross-sections or roll plans yet.

Meeting Date: June 3, 2021

MATTERS DISCUSSED ACTION BY:

M. Fazio explained that registered letters were provided to property owners, inviting them to the PIC on June 17.

- M. Rahman asked if any of the cross-sections considered transit, as Barton Street could potentially be a transit corridor.
- M. Fazio explained that during the Fruitland-Winona Secondary Plan, the Blast network originally considered a proposed transit corridor along Barton Street. This was a general recommendation. However, it is now understood that transit will likely run along Gordon Dean Avenue and will likely be a BRT. B. Hollingworth also identified that the new transit alignment is identified in the City-wide TMP.
- B. Hollingworth asked how the Project Team is planning to defend multiuse path on a two-way road, as it may not be deemed safe.
- M. Fazio explained that the multi-use path is separated from the roadway with a boulevard in between, which is safer than on-street cycle lanes. In the ultimate scenario, cycle track will be considered.

6. Stormwater Concerns

M. Fazio explained that comments were received from Ms. Beattie, a former Councillor and current resident of Stoney Creek regarding stormwater concerns along Fifty Road. It was noted that these concerns should be forwarded and addressed by Hamilton Conservation Authority (Mike Stone).

7. PIC attendance

For the June 17th PIC, the following individuals/department will be present: D. Cole (Realty), M. Rahman (Transportation Engineering), Steve Molloy (Transportation Planning), M. Moniruzzaman (Water Resources), M. Kiddie (Natural Environment) and O. Izirein (Department).

Meeting Minutes prepared by:

Wood Environment & Infrastructure Solutions a Division of Wood Canada Limited

Per: Aniqa Shams

Environmental Planner



Meeting Agenda

Date: June 20, 2017 Meeting at: Hamilton City Hall, Room 820

File No.: TPB166053 Barton Street and Fifty Road Improvements Class EA

Subject/purpose: Technical Agency Meeting #1

Attendees:

Michael Vallins, CN Rail

Jason Worron, City of Hamilton

Michael Orr, CN Rail

Mohan Philip, City of Hamilton

Aaron Stadnyk, CN Rail

Aneta Zaszkowska, City of Hamilton

Christian Singh, MTO

Stephen Cooper, City of Hamilton

Krystal Perepeluk, Metrolinx

Alvin Chan, City of Hamilton

Lisa Salsberg, Metrolinx

John Ariyo, City of Hamilton

Mike Stone, Conservation Hamilton

Jack Brown, City of Hamilton

E. Greco, Union Gas

Udo Ehrenberg, City of Hamilton

Carlo Gorni, City of Hamilton

Ron Harten, Hamilton CE

Joan Zhao, Hydro One

Randy Leppert, Cogeco

Udo Ehrenberg, City of Hamilton

Melissa Kiddie, City of Hamilton

Jeremy Parsons, City of Hamilton

Daryl Bender, City of Hamilton

Kerry Davren, City of Hamilton

Mike Coombe, Cogeco John Stuart, City of Hamilton

Steven Chappell, Bell Canada Julia van der Laan de Vries, City of Hamilton

Nancy Mott, MNRF

Douglas Osborn, City of Hamilton

Christie Meleskie, City of Hamilton

David Sinke, Amec Foster Wheeler

Margaret Fazio, City of Hamilton

Sally Yong-Lee, City of Hamilton

Monir Moniruzzaman, City of Hamilton

Douglas Osborn, City of Hamilton

Christie Meleskie, City of Hamilton

David Sinke, Amec Foster Wheeler

Neal Smith, Amec Foster Wheeler

Rob Young, Amec Foster Wheeler

Maria King, Amec Foster Wheeler

Jeffrey Ng, City of Hamilton

3450 Harvester Road Burlington, ON L7N 3W5 905-335-2353 www.amecfw.com Amec Foster Wheeler Environment & Infrastructure a division of Amec Foster Wheeler Americas Limited

To be presented/discussed:

- 1. Introductions
- 2. Project Overview
- 3. Review and Comments on Draft PIC Materials
- 4. Discussion Items:
 - Results of technical studies completed to date,
 - Feedback on preliminary design recommendations,
 - Design or environmental issues that your Agency may have
 - Development
 - CN Rail Crossing
 - o Train Traffic 2031
 - o Expansion
- 5. Upcoming Consultation
- 6. Project Timelines
- 7. Next Steps

From: Singh, Christian (MTO) [mailto:Christian.Singh@ontario.ca]

Sent: June-19-17 1:29 PM

To: King, Maria E

Cc: Fazio, Margaret; Lawrence, Morgan (MTO)

Subject: RE: TPB166053 Barton/Fifty Class EA - Technical Agency Meeting

Good Day Ms. King/Fazio,

Unfortunately the Ministry will not be able to send a representative to attend the meeting tomorrow. The Ministry is offering the following comments:

- The area of the grade separation with the rail tracks is within the Ministry's permit control area and will require permits from the Ministry
- Any traffic changes/staging with impacts to the ramp terminal will require comment and/or approval/permits from the Ministry.

Should you have any other questions or concerns please do not hesitate to contact me.

Sincerely,

Chris Singh

Chris Singh

Senior Project Manager
Corridor Management Section
Ministry of Transportation
Central Region
159 Sir William Hearst Avenue (Formally 1201 Wilson Ave, Building D), 7th Floor
Toronto, Ontario M3M 0B7

Tel: 416-235-4276 Fax: 416-235-4267

Web www.mto.gov.on.ca/english/engineering/management/corridor/index.html

From: King, Maria E [mailto:maria.e.king@amecfw.com]

Sent: June 19, 2017 11:40 AM **To:** Singh, Christian (MTO) **Cc:** Fazio, Margaret

Subject: TPB166053 Barton/Fifty Class EA - Technical Agency Meeting

Hi Chris,

In follow-up to my voicemail, could you please let us know if you would be available to attend tomorrow's general Technical Agency Meeting for the Barton Street and Fifty Road Class EA, and/or the June 26th grade-separation focussed Technical Agency Meeting at the City of Hamilton? If you are unavailable to attend, could you please let us know who we could contact in your absence? The proposed CN Rail/Fifty Road grade-separation will be located in close proximity to the QEW/Fifty Road interchange and we would request MTO input.

Regards,

Maria

Maria E. King, P.Eng.

Project Engineer, Transportation
Amec Foster Wheeler, Environment & Infrastructure
3450 Harvester Rd, Suite 100 Burlington, Ontario, Canada L7N 3W5
T +1 (905) 335-2353 ext.3070 C +1 (905) 320-5386
maria.e.king@amecfw.com amecfw.com



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Minutes

Date: June 20, 2017
File #: TPB166053
Meeting Date & Time: June 20, 2017

Meeting at: Hamilton City Hall, Room 803

Subject: Technical Agency Committee Meeting #1 (Internal and External)

Attendees:

Mike Coombe, Cogeco

Michael Vallins, CN Rail

Michael Orr, CN Rail

Jeremy Parsons, City of Hamilton

Christie Meleskie, City of Hamilton

Mohan Philip, City of Hamilton

Jamie Tellier, Conservation Hamilton Monir Moniruzzaman, City of Hamilton

Melissa Kiddie, City of Hamilton Margaret Fazio, City of Hamilton

Julia van der Laan de Vries, City of Hamilton Neal Smith, Amec Foster Wheeler

Daryl Bender, City of Hamilton Maria King, Amec Foster Wheeler Edward John, City of Hamilton

Regrets:

Aaron Stadnyk, CN Rail
Christian Singh, MTO
Krystal Perepeluk, Metrolinx
Lisa Salsberg, Metrolinx
Mike Stone, Conservation Hamilton
E. Greco, Union Gas
Jason Worron, City of Hamilton
Aneta Zaszkowska, City of Hamilton
Stephen Cooper, City of Hamilton
Alvin Chan, City of Hamilton
John Ariyo, City of Hamilton
Jack Brown, City of Hamilton

E. Greco, Union Gas
Carlo Gorni, City of Hamilton
Ron Harten, Hamilton CE
Joan Zhao, Hydro One
Randy Leppert, Cogeco
States Character Ball Canada

Jack Brown, City of Hamilton
Udo Ehrenberg, City of Hamilton
Kerry Davren, City of Hamilton
John Stuart, City of Hamilton
Sally Yong-Lee, City of Hamilton

Steven Chappell, Bell Canada Douglas Osborn, City of Hamilton Nancy Mott. MNRF Jeffrey Ng. City of Hamilton

Jim Avram, MNRF

David Sinke, Amec Foster Wheeler
Rob Young, Amec Foster Wheeler

MATTERS DISCUSSED ACTION BY:

1. Introductions and Project Overview

All in attendance introduced themselves and provided a brief overview of why/how they are involved in the current study.

PLEASE NOTE: If there is any comment or amendment to be made to these meeting notes, they should be brought to the notice of Amec Foster Wheeler within five (5) business days of issue and confirmed in writing.

3450 Harvester Road Burlington, Ontario L7N 3W5 Tel +1 905 335 2353 Fax +1 905 335-1414 amecfw.com Amec Foster Wheeler Environment & Infrastructure Registered office: 2020 Winston Park Drive, Suite 700, Oakville, Ontario L6H 6X7 Registered in Canada No. 773289-9; GST: 899879050 RT0008; DUNS: 25-362-6642 Continued...

Meeting Date: June 20, 2017

MATTERS DISCUSSED

ACTION BY:

M. Fazio provided a brief overview of the project, stating that the study is being driven by planned development in the area, as well as the associated desire to provide infrastructure for alternative modes of transportation so that new residents are not solely reliant on personal vehicles. As such, improved cycling and pedestrian facilities will be provided on Barton Street and Fifty Road, with a wide linear park to be provided on the south side of Barton Street from Fruitland Road to Fifty Road. Warrant analysis and design for the grade separation of the CN rail line at Fifty Road will also be completed.

J. van der Laan de Vries recommended that the linear space on the south side of Baron Street not be referred to as a park, but rather a "liner greenspace" as the public may interpret the word 'park' to mean that higher level recreational facilities will be provided than what is intended by the City.

Amec Foster Wheeler

M. Fazio also indicated that, based on recommendations made in the Fruitland-Winona Secondary Plan, the study will be taking into consideration future implementation of rapid transit (BRT/LRT) on both Barton Street and Fifty Road. A future multi-modal hub and potential GO Transit Station may also be provided adjacent to Fifty Road/South Service Road, pending City/Council commitments.

2. Right-of-Way Requirements

M. Philip voiced concerns that the 40.576 m right-of-way identified for Barton Street is wider than required, and that maintaining the additional width will put undue financial strain on the City. He recommended reducing the proposed right-of-way to 36 m.

M. Fazio responded that the 40.576 m right-of-way directive was identified through the Secondary Plan process and approved by Council. She indicated that concerns should have been brought forward prior to Council endorsement of the Secondary Plan, as the current EA simply aims to implement its recommendations. She also indicated that while ideal, the wide ROW identified through the Secondary Plan will be difficult to obtain along the majority of the study corridor.

3. Rapid Transit and Multi-Modal Hub

M. Philip highlighted that the City must provide clear direction regarding rapid transit and the multi-modal hub if property is to be obtained/maintained for that purpose.

M. Fazio responded that the study team has been actively engaging HSR and trying to engage Metrolinx so that the study is building on formal direction.

4. Traffic

Meeting Date: June 20, 2017

MATTERS DISCUSSED

ACTION BY:

It was noted that Winona Road will be as busy as Fifty Road once the commercial development at Winona Crossing is completed.

It was requested that modal share objectives be clearly stated in the ESR and the PIC panels.

Amec Foster Wheeler

5. CN Rail Crossings

M. Vallins indicated that a safety assessment should be completed for all at-grade crossings of the CN Rail line within Stoney Creek to ensure that adequate crossing infrastructure is provided, especially in light of the additional north-south traffic anticipated with development.

City

M. Vallins recommended that the cost of any upgrades should be covered through development charges.

City

M. Orr indicated that Metrolinx is currently completing an EA study for expansion of GO service into Niagara. Once completed, Metrolinx should be able to provide updated rail traffic information, as well as identify the need for a third rail at the CN/Fifty Road grade separation.

Metrolinx

6. Cycling Infrastructure

J. van der Laan de Vries indicated that an important document for reference for the EA study will be the Recreational Trails Master Plan, which was completed in 2016.

It was noted that the terms "cycling infrastructure" should be used in place of "cycling lanes" to provide flexibility of design.

Consideration will be given to providing a 3.0 m wide cycle track (1.5 m in each direction) in lieu of on-street cycling facilities.

Amec Foster Wheeler

7. Utility Infrastructure

M. Coombe indicated that Cogeco currently has aerial lines on existing Bell and/or Hydro poles along the study roadways. They are also installing additional plant at Fifty Road/South Service Road to service new development.

M. Coombe indicated that overhead could be relocated underground if the City covered the cost. He stated that 3-way conduit could likely be collocated with gas.

8. Requested Changes to PIC #1 Boards

It was noted that the BLAST network map provided in the draft PIC boards is not reflective of current recommendations for the Stoney Creek area. The map is to be removed or replaced with a more adequate depiction.

Amec Foster Wheeler

Continued...

Meeting Date: June 20, 2017

MATTERS DISCUSSED

ACTION BY:

It was noted that important destinations within the corridor should also include workplaces and commercial spaces on the north side of Barton Street.

Amec Foster Wheeler

Limits of the Block plans should be identified on all maps included on the PIC boards.

Amec Foster Wheeler

It was noted that reference to Trans-Cab services should be removed from slide 11 and included with more description on slide 12.

Amec Foster Wheeler

It was noted that the images for sidewalks on slide 13 should be replaced such that both show an urban cross-section, and such that the image for a standard sidewalk show an existing 2.0 m example as opposed to the narrow sidewalk currently shown and that the wider sidewalk does not show cycling.

Amec Foster Wheeler

It was noted that the problem and opportunity statement should state that facilities will be accessible.

Amec Foster Wheeler

It was noted that on slide 14, the term "natural design" should be replaced by "landscaping" and that the principles should include seating and shade. Additionally, "industrial development to the north" should be replaced with "employment lands to the north".

Amec Foster Wheeler

It was noted that, if included within the scope of this study, the noise and acoustics portion on slide 15 should be relabeled as 'Noise and Vibration'

Amec Foster Wheeler

It was noted that on slide 17, item 5, the comment should be added to indicate that low impact development will also be employed.

Amec Foster Wheeler

It was generally noted that the Barton Street and Fifty Road should be noted as Study Roadways instead of Study Corridors throughout.

Amec Foster Wheeler

Meeting Minutes prepared by:

Amec Foster Wheeler Environment & Infrastructure A division of Amec Foster Wheeler Americas Limited

Per: Maria E. King, P.Eng. Project Engineer



Meeting agenda

Date: June 26, 2017 **Meeting at:** City of Hamilton

File No.: TPB166053

Subject/purpose: Review of Technical Aspects Associate with Grade Separation of the CN

Rail Line at Fifty Road in Stoney Creek

Invitees:

Margaret Fazio, City of Hamilton

Christie Meleskie, City of Hamilton

Stefan Linder, CN Rail

Monir Moniruzzaman, City of Hamilton Krystal Perepeluk, Metrolinx

Mohan Philip, City of Hamilton Sasa Sakic, Ministry of Transportation

Sally Yong-Lee, City of Hamilton David Sinke, Amec Foster Wheeler

Aneta Zaszkowska, City of Hamilton Cristian Huma, Amec Foster Wheeler

Steve Cooper, City of Hamilton Maria King, Amec Foster Wheeler

To be presented/discussed:

Introductions

- 1. Overview of Project and Associated Timelines
- 2. Highlights of Traffic Analysis and Warrant for Grade Separation
- 3. Confirmation of Anticipated Train Traffic (CN/Metrolinx)
- 4. Future Railway Expansion
- 5. Track Design Criteria and Design Speed for Track Diversions
- 6. Design Requirements for Grade Separation
- 7. Next Steps



Minutes

Date: June 26, 2017
File #: TPB166053
Meeting Date & Time: June 26th, 2017
Meeting at: Hamilton City Hall

Subject: CN/Metrolinx Meeting for Barton Street/Fifty Road Class EA

Attendees:

Michael Vallins, CN

Michael Orr, CN

Sally Yong-Lee, City of Hamilton

Margaret Fazio, City of Hamilton

Margaret Fazio, City of Hamilton

Cristian Huma, Amec Foster Wheeler

David Sinke, Amec Foster Wheeler

Guy Paparella, City of Hamilton David Sinke, Amec Foster Wheeler Tramy Nguyen, Hamilton LRT Maria King, Amec Foster Wheeler

Regrets:

Krystal Perepeluk, Metrolinx Monir Moniruzzaman, City of Hamilton Christie Meleskie, City of Hamilton Aneta Zaszkowska, City of Hamilton

Stephen Cooper, City of Hamilton Jeff Ng, City of Hamilton

MATTERS DISCUSSED ACTION BY:

1. Introductions and Project Background

- a) M. Fazio, City Project Manager for the Barton Street and Fruitland Road Improvements Class Environmental Assessment provided a brief project overview. She indicated that the primary objectives of the project are to improve drainage, provide active transportation facilities, plan for future rapid transit on both roadways, provide linear greenspaces and improve safety – including grade separation of the CN Rail crossing with Fifty Road.
- b) M. King further expanded on the project using a Powerpoint presentation that illustrated the limits of the study area and excerpts from completed studies including the Traffic Assessment completed as part of the current EA.

PLEASE NOTE: If there is any comment or amendment to be made to these meeting notes, they should be brought to the notice of Amec Foster Wheeler within five (5) business days of issue and confirmed in writing.

3450 Harvester Road Burlington, Ontario L7N 3W5 Tel +1 905 335 2353 Fax +1 905 335-1414 amecfw.com Amec Foster Wheeler Environment & Infrastructure Registered office: 2020 Winston Park Drive, Suite 700, Oakville, Ontario L6H 6X7 Registered in Canada No. 773289-9; GST: 899879050 RT0008; DUNS: 25-362-6642 Meeting Date: June 26, 2017

MATTERS DISCUSSED

ACTION BY:

c) M. Philip expressed concern that the City was looking to obtain a 40 m wide right-of-way for Barton Street which is more than what is required for both the interim (two lane with two-way-left-turn-lane) and ultimate condition (four lane cross-section, including dedicated rapid transit lanes). He requested that the need for a 40 m right-of-way width be further reviewed by the City.

2. Warrant for Grade Separation of Fifty Road and CN Rail Line

a) M. King provided information pertaining to the existing at-grade rail crossing, indicating that based on the cross-product 'rule of thumb', it is anticipated that grade separation will be required prior to 2031. Actual timing will be dependent on adjacent development and expansion of both CN and GO rail traffic – the volumes for which need to be provided by CN and Metrolinx. CN

Metrolinx

b) M. Vallins indicated that the cross-product 'rule of thumb' is used to provide an indication that the need for grade-separation should be considered more thoroughly based on other safety-related factors. Other issues to consider include impacts on adjacent intersections/ interchanges from queuing at the crossing, and interaction between GO/CN traffic and planned HSR rapid transit. Amec Foster Wheeler

c) M. Vallins indicated that funding related to safety improvements at the crossings may be available through Transport Canada.

3. Planned Rail and Transit Expansion

a) M. Vallins indicated that there are no plans to expand CN service within current planning horizons. At present, there are 4-5 freight trains that operate on this line. Via Rail also operates service to New York City. He anticipates that the two existing tracks could accommodate GO traffic, but that the need for a 3rd track (siding) would need to be determined with input from Metrolinx.

Metrolinx

b) M. Philip indicated that a previous study completed by the City indicated the preference to locate a multi-modal hub adjacent to South Service Road and Fifty Road. He enquired as to whether CN was aware of plans for expansion of Metrolinx services at this location. M. Vallins responded that he was aware of an ongoing Metrolinx study looking at expansion to Niagara, but that specifics would need to be discussed with Metrolinx in order to determine any potential impacts to the current study.

4. Concerns Regarding Additional At-Grade Crossings

a) M. Vallins suggested that the City consider including costs for upgrading of at-grade crossings within the charge for development within neighborhoods adjacent to at-grade crossings. He highlighted that the safety-associate risk increases with development/traffic, and Meeting Date: June 26, 2017

MATTERS DISCUSSED

ACTION BY:

that this may be a concern for north-south roads between Winona Road and Fifty Road.

5. Adjacent Development

- a) M. Fazio highlighted that significant commercial development is currently being planned within the area bounded by Winona Road to the west, the QEW to the north, Fifty Road to the east and the CN Rail/HONI corridor to the south. This new development will place increased traffic volumes on Fifty Road.
- b) G. Paparella stated that determination of the property required for grade-separation of the CN Rail line is critical as development applications for this area are awaiting approval. The City does not want to provide approval for facilities that will make construction of the grade-separation extremely costly in the future (due to acquisition), nor does it want to hold up development. He highlighted the urgency with which a decision needs to be made.

6. Configuration of Grade-Separation

- a) M. Fazio requested that CN provide information pertaining to their design requirements, as well as their preference in terms of overpass versus underpass.
- b) M. Orr indicated that CN's preference is to not have any modification made to the CN Rail line, with preference for an overpass. However, should the City determine that the road should go under the existing rail, a track diversion must be constructed for the same number of tracks and with the same design speed as the existing tracks. Operation of the rail line must be maintained at all times.
- c) Regardless of whether road goes over or under the rail line, a minimum vertical clearance of 5.3 m must be maintained between either edge of pavement or top of track and the underside of structure.

Amec Foster Wheeler

7. Impact of Grade-Separation on Adjacent Interchange

a) C. Singh indicated that the MTO would require a traffic assessment of impacts that reconfiguration of the South Service Road/Fifty Road intersection, changes to the Fifty Road profile and construction detours would have on the adjacent Fifty Road/QEW interchange. He indicated that his team could review and provide comment on any design alternatives associated with the grade separation. MTO

b) C. Singh also indicated that there may be some potential to coordinate efforts with bridge rehabilitation works. He would confirm any works planned within the next 5 years at this interchange.

MTO

Continued...

Meeting Date: June 26, 2017

MATTERS DISCUSSED

ACTION BY:

8. Impacts on Niagara Escarpment Area

- a) J. Avram indicated that the NEC protects area south of the Fifty Road and Highway 8 intersection. Any road widening through this area would require permitting.
- b) He requested that he be circulated on any draft natural sciences reports as well as geomorphology reports.

Meeting Minutes prepared by:

Amec Foster Wheeler Environment & Infrastructure A division of Amec Foster Wheeler Americas Limited

Per: Maria King, P.Eng. Project Engineer

From: Fazio, Margaret < Margaret.Fazio@hamilton.ca>

Sent: Thursday, July 27, 2017 2:28 PM **To:** King, Maria E; Young, Rob; Sinke, David

Subject: FW: CNR Grade Separation Crossing at Fifty Road Questions for HONI Engineering staff

FYI below, in case I hadn't already.

From: Meredith.Nyers@HydroOne.com [mailto:Meredith.Nyers@HydroOne.com]

Sent: July-17-17 1:00 PM **To:** Fazio, Margaret

Cc: joan.zhao@HydroOne.com; Meredith.Nyers@HydroOne.com

Subject: RE: CNR Grade Separation Crossing at Fifty Road Questions for HONI Engineering staff

HI Margaret,

I am Joan's assistant and in her absence I sent out the preliminary request to our stakeholders for their input. They have however asked for you to provide any plans related to the submission.

Also, for future reference, the File # is Hamilton C 635.06-5980

Please provide at your earliest convenience

Thank you

Meredith Nyers

Real Estate Services 185 Clegg Rd Markham, ON L6G 1B7 1-905-946-6248

Toll free: 1-888-231-6657 ext. 6248

From: ZHAO Joan

Sent: Thursday, June 29, 2017 2:01 PM

To: 'Fazio, Margaret'

Cc: 'maria.e.king@amecfw.com'; 'david.sinke@amecfw.com'; Yong-Lee, Sally; 'neal.smith@amecfw.com';

'rob.young@amecfw.com'; NYERS Meredith; Moniruzzaman, Monir

Subject: RE: CNR Grade Separation Crossing at Fifty Road Questions for HONI Engineering staff

Hi Margaret,

Please forward a map along with a cover letter describing the project for HONI stakeholders to review and assess.

Thanks.

Joan Zhao SR/WA Sr. Real Estate Coordinator Facilities & Real Estate Hydro One Networks Inc.

T: (905) 946-6230 F: (905) 946-6242

From: Young, Rob
To: Rocha, Bianca

Subject: FW: CNR Grade Separation Crossing at Fifty Road Questions for HONI Engineering staff - STUDY MAP and

Background

Date: Thursday, July 13, 2017 3:52:25 PM
Attachments: Barton_Fifty-Sept 14 2015.pdf

image002.jpg image003.jpg image004.jpg

For Barton Street tracking

From: Fazio, Margaret [mailto:Margaret.Fazio@hamilton.ca]

Sent: June-29-17 3:10 PM

To: 'joan.zhao@HydroOne.com' <joan.zhao@HydroOne.com>

Cc: King, Maria E <maria.e.king@amecfw.com>; Sinke, David <David.Sinke@amecfw.com>; Yong-Lee, Sally <Sally.Yong-Lee@hamilton.ca>; Smith, Neal <neal.smith@amecfw.com>; Young, Rob <Rob.Young@amecfw.com>; 'Meredith.Nyers@HydroOne.com' <Meredith.Nyers@HydroOne.com>; Moniruzzaman, Monir <Monir.Moniruzzaman@hamilton.ca>; McNair, Laurie <Laurie.McNair@hamilton.ca>

Subject: RE: CNR Grade Separation Crossing at Fifty Road Questions for HONI Engineering staff - STUDY MAP and Background

Hi Joan,

Please find the map attached – although it applies to the project in general, not just to the specific location. Please let us know if this is sufficient.

Background is as follows:

The City initiated the <u>Municipal Class Environmental Assessment or Class EA process</u> for improvements to Barton Street and Fifty Road.

Barton Street and Fifty Road are truck routes, which form exit and entrance points to the Queen Elizabeth Way (QEW) and Highway 8, and are classified as major arterial roadways. Since the <u>Fruitland-Winona Secondary Plan</u> is currently under appeal at the OMB, some outcomes of hearings may affect land uses abutting this study area, along Barton Street, but both roadways will service the new urban area created under the Stoney Creek Urban Boundary Expansion (SCUBE) Plan. The study will also be informed and affected by <u>Block Servicing Strategies 1, 2 and 3</u>, within Fruitland-Winona Secondary Plan Lands.

Location: The study area is roughly located along Barton Street Right-of-Way, with the proposed width of 40 m (including a 4 m Wide Pedestrian Promenade), between the intersection with Fruitland Road and Fifty Road, and along Fifty Road – improvements to include widening between QEW and Highway 8, and CN Rail crossing.

Thank you, Margaret

Margaret Fazio, B.Sc., EP, MCIP, RPP

Senior Project Manager, Infrastructure Planning

Growth Management, Planning and Economic Development Department

City of Hamilton, 71 Main Street West, 6th Floor, Hamilton, ON, Canada, L8R 4Y5 Tel: 905-546-2424 ext. 2218; Fax: 905-540-5611; e-mail: Margaret.Fazio@hamilton.ca

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www.hamilton.ca/canada150

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From: <u>joan.zhao@HydroOne.com</u> [<u>mailto:joan.zhao@HydroOne.com</u>]

Sent: June-29-17 2:01 PM **To:** Fazio, Margaret

Cc: maria.e.king@amecfw.com; david.sinke@amecfw.com; Yong-Lee, Sally; neal.smith@amecfw.com;

rob.young@amecfw.com; Meredith.Nyers@HydroOne.com; Moniruzzaman, Monir

Subject: RE: CNR Grade Separation Crossing at Fifty Road Questions for HONI Engineering staff

Hi Margaret,

Please forward a map along with a cover letter describing the project for HONI stakeholders to review and assess.

Thanks,

Joan Zhao SR/WA

Sr. Real Estate Coordinator Facilities & Real Estate Hydro One Networks Inc.

T: (905) 946-6230 | F: (905) 946-6242 P.O. Box 4300 | Markham ON | L3R 5Z5

Courier: 185 Clegg Road | Markham ON | L6G 1B7

joan.zhao@hydroone.com

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From: Fazio, Margaret [mailto:Margaret.Fazio@hamilton.ca]

Sent: Thursday, June 29, 2017 9:02 AM

To: ZHAO Joan

Cc: 'maria.e.king@amecfw.com'; 'david.sinke@amecfw.com'; Yong-Lee, Sally; 'neal.smith@amecfw.com';

'rob.young@amecfw.com'; NYERS Meredith; Moniruzzaman, Monir

Subject: CNR Grade Separation Crossing at Fifty Road Questions for HONI Engineering staff

Importance: High

Hi Joan,

Please see the additional questions below

While we will have more questions for HONI as the design progresses, as present, answers to the following questions would be very helpful:

- Options for above grade versus below grade separation at rail tracks in general and in particular at the study location in question – Fifty Road, Stoney Creek.– does HONI have a preference?
- Approximate costs associated with modification/raising of the transmission towers (potential ~ 10 m rise in road elevation if structure is built over the tracks);
- Limit of change in tower height before adjacent towers would also be impacted/require modification;
- Process for, and level of design detail required prior to, submission of alternative designs for HONI review and comment;
- Permitting requirements for work under their lines; and
- Anticipated timelines between detailed design submission and tower modification (to assist with budgeting and planning at the City).

Thank you, Margaret

Margaret Fazio, B.Sc., EP, MCIP, RPP

Senior Project Manager, Infrastructure Planning Growth Management, Planning and Economic Development Department City of Hamilton, 71 Main Street West, 6th Floor, Hamilton, ON, Canada, L8R 4Y5

Tel: 905-546-2424 ext. 2218; Fax: 905-540-5611; e-mail: Margaret.Fazio@hamilton.ca

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From: joan.zhao@HydroOne.com [mailto:joan.zhao@HydroOne.com]

Sent: June-28-17 11:04 AM

To: Fazio, Margaret

Cc: maria.e.king@amecfw.com; david.sinke@amecfw.com; Yong-Lee, Sally; neal.smith@amecfw.com; rob.young@amecfw.com; Meredith.Nyers@HydroOne.com

Subject: RE: Request to review/confirm: June 28, 2017 - Follow up phone call notes re Q for Barton and Fifty Road EA - CNR Grade Separation Crossing

Hi Margaret,

You should receive the website link by now. Note that is an over guidance pertaining to Secondary Land Use proposal affecting Hydro One Transmission corridor. As a coordinator, I am handling SLU applications affected Transmission corridor. Any works affects Hydro One's distribution lines (low voltage pole line) would go to our Distribution department. I understand you are going to check and see if the affected pole lines belong to local utility company.

I have added my comments beside your notes below (in gray).

Waiting for additional info to come in.

Thanks,

Joan Zhao SR/WA Sr. Real Estate Coordinator Facilities & Real Estate Hydro One Networks Inc.

T: (905) 946-6230 | F: (905) 946-6242 P.O. Box 4300 | Markham ON | L3R 5Z5

Courier: 185 Clegg Road | Markham ON | L6G 1B7

joan.zhao@hydroone.com

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From: Fazio, Margaret [mailto:Margaret.Fazio@hamilton.ca]

Sent: Wednesday, June 28, 2017 10:29 AM

To: ZHAO Joan

Cc: 'King, Maria E'; ''david.sinke@amecfw.com' (david.sinke@amecfw.com)'; Yong-Lee, Sally; 'Smith,

Neal (neal.smith@amecfw.com)'; 'Young, Rob (rob.young@amecfw.com)'

Subject: Request to review/confirm: June 28, 2017 - Follow up phone call notes re Q for Barton and

Fifty Road EA - CNR Grade Separation Crossing

Hi Joan,

It was great connecting with you today.

I wanted to just recap our conversation, to make sure we understand the next steps, and so that the rest of the team knows what to expect. (Red indicates action items)

- 1. Your main area of responsibility deals with Real Estate, and your usual City of Hamilton contact is Darlene Cole.
- 2. You are going to send a web link with general guidelines for Hydro One, that should help us guide the grade separation along. (Website is general guidance, might not have specific answers to grade separation)
- 3. We are to send you a series of detailed questions in turn (and a map), for sending to your engineering team, so that in an effort to save time, they would find them easier to address considering their significant workload and the usual timeline of turnaround of up to 16 weeks.
- 4. We have acknowledged each other's availability limitations such as:
 - a. My vacation time: June 30, 2017 July 16, 2017 inclusive.
 - b. Your Vacation time: Last week of July to last week of August. (away July 16 to Aug 13 inclusive)
 - c. If the Hydro One engineering team comes back with information regarding answers to our detailed questions while you're away, your assistant will let Sally Yong-Lee (cc'd) and I know the answers and we will forward the information to our consultant and staff team. (Meredith

Nyers, Real Estate Assistant @905-946-6248)

- If any answers come back while I'm away you will let Sally Yong-Lee know, for her to forward to the consultant and staff team.
- 5. Once we have more detailed drawings further along our study process, we would be invited to meet with the Hydro One engineering team to discuss our plans, at 83 Bay Street, Toronto.

Please let me know if I've captured everything as I should.

Thank you, Margaret

Margaret Fazio, B.Sc., EP, MCIP, RPP

Senior Project Manager, Infrastructure Planning Growth Management, Planning and Economic Development Department

City of Hamilton, 71 Main Street West, 6th Floor, Hamilton, ON, Canada, L8R 4Y5 Tel: 905-546-2424 ext. 2218; Fax: 905-540-5611; e-mail: Margaret.Fazio@hamilton.ca

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From: joan.zhao@HydroOne.com [mailto:joan.zhao@HydroOne.com]

Sent: June-28-17 9:53 AM **To:** Fazio, Margaret

Subject: RE: Questions for You RE: Barton and Fifty Road EA - CNR Grade Separation Crossing

Hi Margaret,

We are playing phone tags. Just left you a voice message. I am at my desk.

Thanks,

Joan

Joan Zhao **SR/WA**

Sr. Real Estate Coordinator Facilities & Real Estate Hydro One Networks Inc.

T: (905) 946-6230 | F: (905) 946-6242 P.O. Box 4300 | Markham ON | L3R 5Z5

Courier: 185 Clegg Road | Markham ON | L6G 1B7

joan.zhao@hydroone.com

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From: Fazio, Margaret [mailto:Margaret.Fazio@hamilton.ca]

Sent: Wednesday, June 28, 2017 9:50 AM

To: ZHAO Joan

Subject: RE: Questions for You RE: Barton and Fifty Road EA - CNR Grade Separation Crossing

Hi Joan,

I just called. Is there a good time to call back this morning?

Thank you, Margaret

From: joan.zhao@HydroOne.com [mailto:joan.zhao@HydroOne.com]

Sent: June-27-17 2:47 PM **To:** Fazio, Margaret

Cc: maria.e.king@amecfw.com; neal.smith@amecfw.com; david.sinke@amecfw.com;

<u>rob.young@amecfw.com</u>; Yong-Lee, Sally

Subject: RE: Questions for You RE: Barton and Fifty Road EA - CNR Grade Separation Crossing

Hi Margaret,

As discussed, give me a call after you are off the meeting this afternoon or we can chat tomorrow morning. We will go from there then.

Thanks,

Joan Zhao SR/WA

Sr. Real Estate Coordinator Facilities & Real Estate Hydro One Networks Inc.

T: (905) 946-6230 | F: (905) 946-6242 P.O. Box 4300 | Markham ON | L3R 5Z5

Courier: 185 Clegg Road | Markham ON | L6G 1B7

joan.zhao@hydroone.com

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From: Fazio, Margaret [mailto:Margaret.Fazio@hamilton.ca]

Sent: Tuesday, June 27, 2017 11:59 AM

To: ZHAO Joan

Cc: 'King, Maria E'; 'Smith, Neal (<u>neal.smith@amecfw.com</u>)'; ''david.sinke@amecfw.com' (<u>david.sinke@amecfw.com</u>)'; 'Young, Rob (<u>rob.young@amecfw.com</u>)'; Yong-Lee, Sally **Subject:** Questions for You RE: Barton and Fifty Road EA - CNR Grade Separation Crossing

Importance: High

Hello Joan,

City of Hamilton is conducting the Barton and Fifty Road Phases 3 and 4 Municipal Class Environmental Assessment. Please see the - background and map via the following website:

https://www.hamilton.ca/city-planning/master-plans-class-eas/barton-street-and-fifty-road-improvements

You may recall a meeting invitation on this project, which took place on June 20, 2017 to the Technical Advisory Committee meeting for the project. We feel that your input is crucial to our progress in the project and hope that we can engage with you/Hydro

One in this regard. <u>If you are not the appropriate person to contact please let us know who is, as well as their contact information.</u>

We are considering Grade Separation where Fifty Road crosses CNR. Just north of CNR we have located a line of Hydro One high electrical towers. In determining grade separation preferences we wanted to ask Hydro One the following questions:

- 1. Preferences for grade separation locations above or underground/CNR, in proximity of your high voltage towers.
- 2. Possibility of raising towers in close proximity to the grade separation in the event where it would be above CNR.
- 3. Please provide your clearance requirements.
- 4. Any other considerations that we should consider in our study process.

Your help on this would be greatly appreciated – **as soon as possible, by Friday, July 7, 2017**. Please indicate a more realistic timeline if required.

Please feel free to call/or e-mail to let us know if you wish for us to meet to discuss further. Amec Foster Wheeler is the firm hired to assist the City of Hamilton with the project process. Please *reply to all* in your response, since some of us are off while others continue with the project process.

Thank you,

Margaret Fazio, B.Sc., EP, MCIP, RPP

Senior Project Manager, Infrastructure Planning Growth Management, Planning and Economic Development Department City of Hamilton, 71 Main Street West, 6th Floor, Hamilton, ON, Canada, L8R 4Y5

Tel: 905-546-2424 ext. 2218; Fax: 905-540-5611; e-mail: Margaret.Fazio@hamilton.ca



www.hamilton.ca/canada150

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From: Young, Rob

Sent: Thursday, July 13, 2017 4:04 PM

To: Rocha, Bianca

Subject: FW: Questions for You RE: Barton and Fifty Road EA - CNR Grade Separation Crossing

Follow Up Flag: Follow up Flag Status: Flagged

And another one

From: joan.zhao@HydroOne.com [mailto:joan.zhao@HydroOne.com]

Sent: June-28-17 10:36 AM **To:** Margaret.Fazio@hamilton.ca

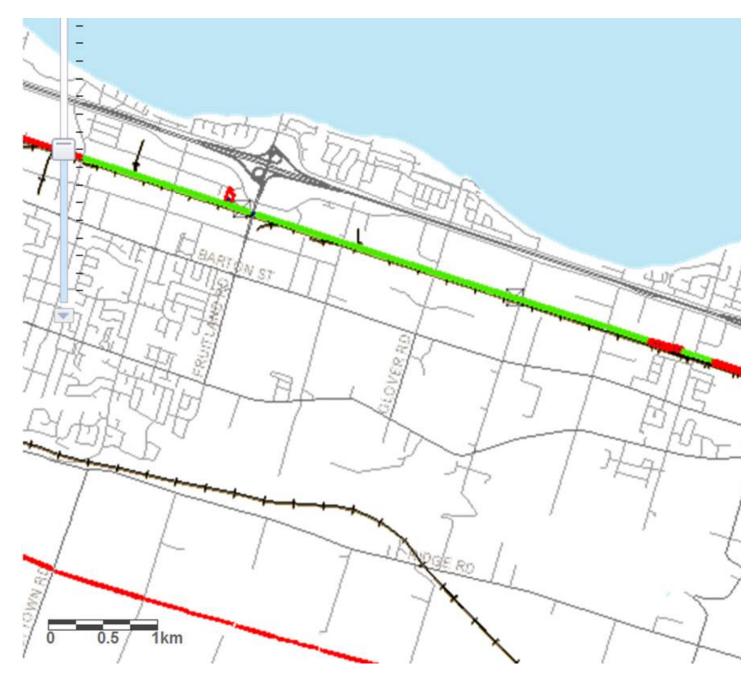
Cc: King, Maria E <maria.e.king@amecfw.com>; Smith, Neal <neal.smith@amecfw.com>; Sinke, David <David.Sinke@amecfw.com>; Young, Rob <Rob.Young@amecfw.com>; Sally.Yong-Lee@hamilton.ca

Subject: RE: Questions for You RE: Barton and Fifty Road EA - CNR Grade Separation Crossing

Hi Margaret,

As per our discussion this morning...click link http://www.hydroone.com/SecondaryLandUse/Pages/default.aspx, will take you to HONI's Secondary Land Use Management website. This is guidance only.

In addition, for the study area (between Fruitland and Fifty Road north of Barton Street), in most case we have transmission easement corridor, except are few blocks falls categorized as Bill 58 corridor lands (shown in red on the attached diagram). Bill 58 corridor means the corridor land ownership has been transferred to the Province while HONI retains the statutory easement rights.



Joan Zhao SR/WA

Sr. Real Estate Coordinator Facilities & Real Estate Hydro One Networks Inc.

T: (905) 946-6230 F: (905) 946-6242 P.O. Box 4300 Markham ON L3R 5Z5

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joan.zhao@hydroone.com

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From: Fazio, Margaret [mailto:Margaret.Fazio@hamilton.ca]

Sent: Tuesday, June 27, 2017 11:59 AM

To: ZHAO Joan

Cc: 'King, Maria E'; 'Smith, Neal (<u>neal.smith@amecfw.com</u>)'; ''david.sinke@amecfw.com' (<u>david.sinke@amecfw.com</u>)';

'Young, Rob (rob.young@amecfw.com)'; Yong-Lee, Sally

From: Young, Rob

Sent: Thursday, July 13, 2017 3:58 PM

To: Rocha, Bianca

Subject: FW: Jones Road and Highway 8 NEC Boundary

Attachments: Barton and Fifty DC.pdf

Follow Up Flag: Follow up Flag Status: Flagged

Also for Barton Street records

From: Fazio, Margaret [mailto:Margaret.Fazio@hamilton.ca]

Sent: June-28-17 5:05 PM

To: King, Maria E <maria.e.king@amecfw.com>; Sinke, David <David.Sinke@amecfw.com>; Smith, Neal

<neal.smith@amecfw.com>; Young, Rob <Rob.Young@amecfw.com>

Subject: FW: Jones Road and Highway 8 NEC Boundary

For our Project Record, below and attached.

From: Avram, Jim (MNRF) [mailto:Jim.Avram@ontario.ca]

Sent: June-27-17 3:41 PM

To: Fazio, Margaret

Subject: Jones Road and Highway 8 NEC Boundary

Good afternoon Margaret,

As requested, please see the attached map showing the area of NEC Development Control within the study area. Feel free to distribute.

I am looking forward to working with the city as this project progresses.

Regards,

Jim Avram

Planner

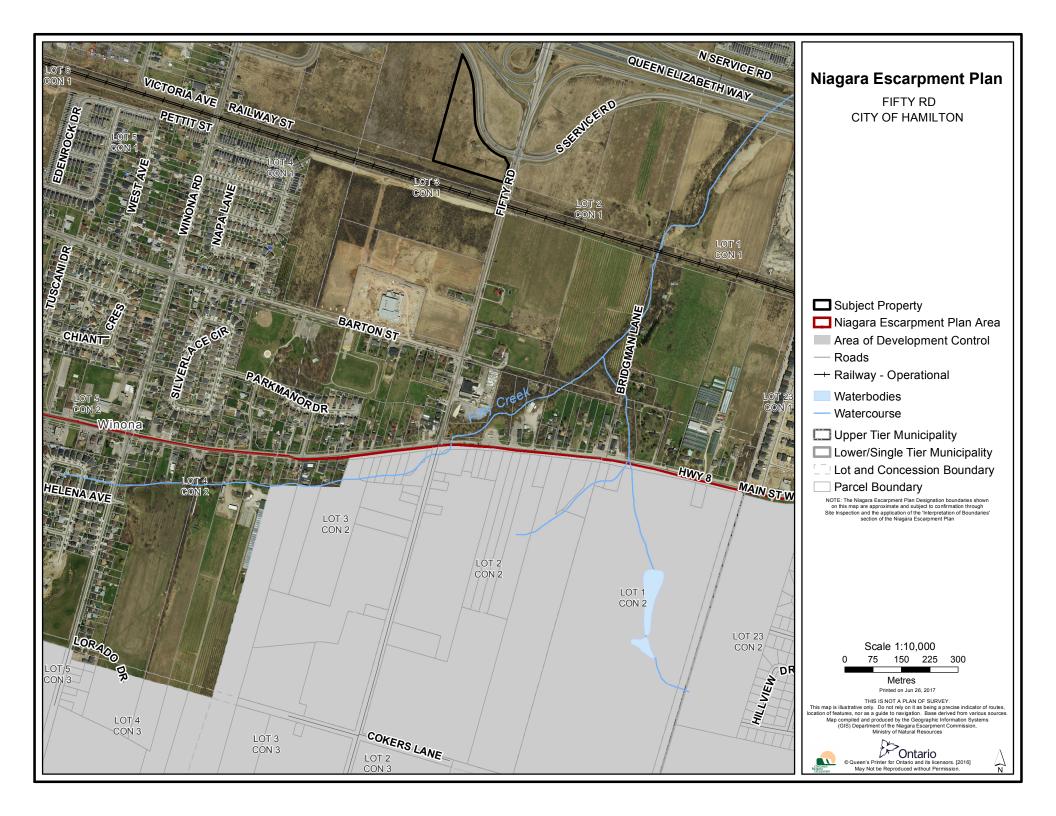
Niagara Escarpment Commission Telephone: (905) 877-6370

Fax: (905) 873-7452

Email: Jim.Avram@ontario.ca

www.escarpment.org

"To enable us to serve you better, please call ahead to make an appointment."



From: Young, Rob

Sent: Friday, July 28, 2017 4:01 PM

To: Rocha, Bianca

Subject: FW: FOR YOUR COMMENTS: June 26, 2017 - Fifty Road and South Service Road Grade

Separation DRAFT Meeting Minutes

Follow Up Flag: Follow up Flag Status: Flagged

From: Fazio, Margaret [mailto:Margaret.Fazio@hamilton.ca]

Sent: July-28-17 10:11 AM

To: 'Leon Stambolich' <Leon.Stambolich@metrolinx.com>

Cc: King, Maria E <maria.e.king@amecfw.com>; Sinke, David <David.Sinke@amecfw.com>; Smith, Neal

<neal.smith@amecfw.com>; Young, Rob <Rob.Young@amecfw.com>

Subject: RE: FOR YOUR COMMENTS: June 26, 2017 - Fifty Road and South Service Road Grade Separation DRAFT

Meeting Minutes

Hello Leon,

I have contacted Chris Burke already, separately, in June. I have not received a response to date or an out of office message.

Would you have any suggestions as to how to proceed?

Thank you,

Margaret Fazio, B.Sc., *EP, MCIP, RPP*

Senior Project Manager, Infrastructure Planning
Growth Management, Planning and Economic Development Department
City of Hamilton, 71 Main Street West, 6th Floor, Hamilton, ON, Canada, L8R 4Y5
Tel: 905-546-2424 ext. 2218; Fax: 905-540-5611; e-mail: Margaret.Fazio@hamilton.ca



www.hamilton.ca/canada150

From: Leon Stambolich [mailto:Leon.Stambolich@metrolinx.com]

Sent: July-28-17 9:54 AM **To:** Fazio, Margaret

Subject: RE: FOR YOUR COMMENTS: June 26, 2017 - Fifty Road and South Service Road Grade Separation DRAFT

Meeting Minutes

Hi Margaret,

Please contact Chris Burke in our Planning & Policy Group, regarding any future enquiries from a project planning perspective. His e-mail is Chris.Burke@metrolinx.com

Regards,

Leon Stambolich, P.Eng., PMP

Director – Lakeshore West, Regional Express Rail, Capital Projects Group Metrolinx I 20 Bay Street I Toronto I Ontario I M5J 2W3

T: 416-202-5063 C: 647-631-1589



From: Fazio, Margaret [mailto:Margaret.Fazio@hamilton.ca]

Sent: July-28-17 9:22 AM

To: Yong-Lee, Sally; Moniruzzaman, Monir; Philip, Mohan; Zaszkowska, Aneta; Lloyd, Trish; Cooper, Stephen; Meleskie, Christie; Ng, Jeffrey; 'Michael.Vallins@cn.ca'; Paparella, Guy; 'Singh, Christian (MTO) (Christian.Singh@ontario.ca)'; Nguyen, Tramy; Leon Stambolich; 'Michael Orr'; 'aaron.stadnyk@cn.ca'

Cc: 'King, Maria E'; 'Sinke, David'; 'Huma, Cristian'

Subject: FOR YOUR COMMENTS: June 26, 2017 - Fifty Road and South Service Road Grade Separation DRAFT Meeting

Minutes

Hello,

Please find the minutes attached, and please provide comments by Friday, August 14, 2017, if possible. Understanding that summer is vacation season, please let me know what is your alternative reasonable timeline. Lack of comments will be interpreted as agreement.

Thank you,

Margaret Fazio, B.Sc., *EP, MCIP, RPP*

Senior Project Manager, Infrastructure Planning
Growth Management, Planning and Economic Development Department
City of Hamilton, 71 Main Street West, 6th Floor, Hamilton, ON, Canada, L8R 4Y5
Tel: 905-546-2424 ext. 2218; Fax: 905-540-5611; e-mail: Margaret.Fazio@hamilton.ca



www.hamilton.ca/canada150

This e-mail is intended only for the person or entity to which it is addressed. If you received this in error, please contact the sender and delete all copies of the e-mail together with any attachments.

Shams, Aniqa

From: Routledge, Graham (MTO) < Graham.Routledge@ontario.ca>

Sent:Thursday, August 17, 2017 11:27 AMTo:King, Maria E; Fazio, MargaretCc:Lawrence, Morgan (MTO)

Subject: RE: Meeting with MTO to Discuss Additional Traffic Analysis for Fifty Road Interchange

Attachments: TIS Guidelines - final - September 2014.docx

Good morning Margaret and Maria,

As per our conversation earlier, I am attaching a copy of the MTO's TIS Guidelines for your reference.

Thank you

Graham Routledge Senior Project Manager

Ministry of Transportation Central Region, Corridor Management Section 159 Sir William Hearst Ave. 7th Floor Toronto, ON M3M 1J8 Tel. 416 - 235-4256 Fax 416 - 235-4267

E-mail: Graham.Routledge@ontario.ca

From: King, Maria E [mailto:maria.e.king@amecfw.com]

Sent: August-16-17 3:51 PM

To: Bhim, Ravi; Lower, Andre; Sinke, David; Fazio, Margaret; Routledge, Graham (MTO); Lawrence, Morgan (MTO);

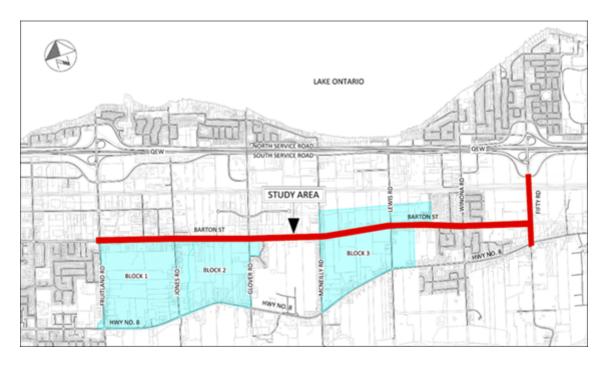
Singh, Christian (MTO); Price, Graeme (MTO); Decleir, Robert; Zaszkowska, Aneta; Philip, Mohan **Subject:** Meeting with MTO to Discuss Additional Traffic Analysis for Fifty Road Interchange

Good day all,

Below you will find some background information related to tomorrow's call regarding the MTO-requested traffic analysis for Fifty Road. If you have any questions/clarifications we will hopefully be able to address those during, tomorrow's call.

Project Introduction

In 2016, the City of Hamilton initiated a study to completed Phases 3 and 4 of a Municipal Class Environmental Assessment for improvements to Barton Street and Fifty Road in Stoney Creek. Project limits extend along Barton Street from Fruitland Road to Fifty Road, and along Fifty Road from Highway 8 north to the QEW, as illustrated in the diagram provided below and at the following google map location (https://goo.gl/maps/odFY7vkCU9D2) The need for the study is being driven by planned and ongoing residential and commercial development in the area. Those areas shown in blue in the attached figure are currently subject to the Block Planning process, while the area between Winona Road, the QEW, Fifty Road and the CN corridor are currently experiencing rapid commercial development. As part of this commercial development, Fifty Road has been widened to a four lane cross-section between the Fifty Road interchange and South Service Road, and signals have been installed at the South Service Road intersection (previously four-way stop controlled).



Work Completed to Date

A number of technical studies, as well as some consultation, have already been completed as part of the ongoing Municipal Class EA process. One of the completed studies is an existing and future traffic conditions assessment, which identified the need for additional traffic control at all major intersections within the study corridor (including Fifty Road and Barton Street), as well as the need for grade-separation of Fifty Road and the CNR line. No warrant for additional roadway widening on Fifty Road south of South Service Road (prior to 2031) was identified through the traffic study.

Potential Issues of Concern to the MTO

While explicit timelines for grade-separation of Fifty Road and the CNR line have yet to be finalized, currently available information indicates that it will likely be required within the next 10 years. Significant staging and detours will be required during construction of the grade-separation structure, and changes to either the elevation or physical location of the Fifty Road/South Service Road intersection will be required. The extent of these changes will be determined through completion of Phases 3&4 of the EA; however, the study is not at this point yet. At present, the South Service Road/ Fifty Road intersection is located ~ 120 m south of the E-S Ramp for the Fifty Road interchange, with the CNR line located a further ~120 m to the south.

Maria E. King, P.Eng.

Project Engineer, Transportation
Amec Foster Wheeler, Environment & Infrastructure
3450 Harvester Rd, Suite 100 Burlington, Ontario, Canada L7N 3W5
T +1 (905) 335-2353 ext.3070 C +1 (905) 320-5386
maria.e.king@amecfw.com amecfw.com



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Ministry of Transportation, Ontario

TRAFFIC IMPACT STUDY GUIDELINE

Foreword:

Evaluation of traffic impacts of proposed development depends upon a number of assumptions about the type, amount and patterns of traffic expected to be produced from the site.

Anyone planning to construct on or adjacent to a provincial highway may require a permit from MTO.

There are two types of MTO permits associated with the need for Traffic Impact Study (TIS). This requirement is dependent on whether or not the access is to be constructed directly onto a provincial highway.

Entrance Permit: Permits an access connection (entrance) to be constructed onto

a provincial highway.

Building and Land use Permit: Permits an access connection (entrance) to be constructed onto

an existing or proposed public road within MTO's permit control

area under the PTHIA.

In addition to the above, MTO has developed "A Guideline for Highway Improvements Associated with Development" to clarify the respective responsibilities of MTO and proponents where land development necessitates highway improvements, following the review and approval of a TIS. The guideline outlines the procedures for proponents who must deal directly or indirectly with MTO and the responsibilities with regard to the design and construction of associated highway improvements, as well as their financial responsibilities. This guideline is available on MTO's public website or by contacting your Regional Corridor Management Section.

The Regional Corridor Management Section is available for pre-submission communication and consultation to confirm key assumptions and parameters (e.g. number, location and design of access connections). Depending upon the complexity of the proposed development, this may reduce or eliminate the need for subsequent TIS revisions following submission of the original TIS.

Property owners, developers, municipalities, their consultants, etc. should contact MTO early in their planning and development process. Early involvement of MTO ensures that there will be ample time to consider and implement access alternatives.

Property owners, developers, municipalities, their consultants, etc. are encouraged to contact the Regional Corridor Management Section and arrange for a pre-consultation meeting to discuss and agree on relevant issues prior to initiating the TIS.

i

Guiding Principles:

The following guiding principles should be considered in the preparation of all TISs for submission to the MTO:

- Limit direct access connections to provincial highway.
 Highways serving higher volumes of provincial traffic require strict control over access connections, while minor collector and local highways can accommodate more frequent and direct access connections.
- Ensure adequate access connection depth
 A sufficient access connection depth enables motorists to clear the intersection of the access
 connection itself, before encountering any further internal access connections or parking areas.
 The desirable access connection depths differ based on land uses. Access connection depths
 will vary based upon MTO's review of a TIS.

MTO's access management standards and best practices can vary depending on the classification of the highway (e.g. freeway, arterial, collector or local) as well as many other factors such as comparison between rural vs. urban highways, posted speed limits along a highway etc.

The Regional Corridor Management Section should be contacted regarding applicable access management standards and best practices for a particular highway.

A TIS is required in support of an MTO permit application for access directly and/or indirectly to a provincial highway.

Traffic Impact Study Updates:

A TIS older than three years and/or containing traffic data older than three years may be deemed by MTO as insufficient documentation of potential impacts of a development proposal on the provincial highway network. The "shelf life" of a TIS will be determined by the growth and changes in the study area. The Regional Corridor Management Section and/or the Regional Traffic Section will provide direction with respect to whether a TIS older than three years and/or containing traffic data older than three years will be acceptable.

Where developments are phased, or reference is made to previous assessments, only TISs completed within the three-year period prior to the completion of the subject analysis and not containing traffic data older than three years will be accepted as relevant by MTO.

Traffic Impact Study Brief/Letter:

MTO will consider the submission of a TIS Brief/Letter, stamped and dated by a traffic engineering consultant, in lieu of a TIS, for small scale developments where little or no impact to the provincial highway network is anticipated. The submission of a TIS Brief/Letter in lieu of a TIS is at the discretion of

the Regional Corridor Management Section and/or Traffic Section following a TIS Pre-Consultation meeting.

A TIS Brief/Letter shall be prepared by a traffic engineering consultant, and address a general set of criteria including but not limited to entering/exiting traffic volume on the highway, proposed use, proposed trips associated with development, proposed entrance location and design (CSAS or other), entrance material (e.g. gravel or asphalt), and a conclusive statement that the proposed development will not adversely affect capacity or the safety on the highway network.

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1 Traffic Impact Study Guidelines

1.0 Introduction

The main purpose of a Traffic Impact Study (TIS) is to identify the impacts of a proposed development or redevelopment and detail how impacts can be mitigated and addressed in a manner that is consistent with the objectives of the Ministry of Transportation. The TIS also serves as the basis for the identification and evaluation of transportation related improvements or measures to be included as a condition of access approval for a proposed development or redevelopment.

Any proposal/expansion of a development that falls within the Ministry of Transportation's (MTO) permit control area, as defined by Sections 31, 34 and 38 of the Public Transportation and Highway Improvement Act (PTHIA) may require that a TIS be submitted to the MTO for review and approval. The ministry's Regional Corridor Management Section should be contacted if there are any questions as to whether a TIS is required in support of an application for access to a provincial highway.

The Ministry of Transportation has prepared these guidelines to provide guidance to developers, property owners, municipalities and their consultants etc., in the preparation of a TIS. These guidelines provide the details required in a TIS that would be considered acceptable to MTO and remain expressly under the carriage of the Regional and Head Office Traffic Offices. Following these guidelines and contacting appropriate Ministry staff in the preliminary stages of the development planning process will provide for a more consistent and efficient review process. A pre-consultation meeting to discuss traffic study parameters may be requested at the discretion of the Regional Traffic Office. Parameters for discussions may include, but not limited to the following:

- Access type and location
- Analysis periods and hours
- Analysis software
- Boundaries
- Existing queues
- Growth rates
- Model calibration
- MTO geometric standards
- MTO standards for signal timing and phasing
- Other developments in the vicinity
- Peak hour factors
- Transit modal splits
- Trip assignment
- Trip generation
- Turning movement counts
- Saturation flow rates
- Previous TIS Horizon year(s)
- Traffic Impact Study Letter of Opinion or Brief

Evaluation of traffic impacts of proposed development/redevelopment depends on a number of assumptions about the type, amount and patterns of traffic expected to be produced from, and attracted to the site.

To facilitate the TIS preparation process and reduce or eliminate the need for study revision following submission of the completed study, a checklist is included in these guidelines and must be completed and submitted to the Ministry prior to commencement of the study through the Regional Corridor Management Section.

Northwestern Region 1-807-473-2000 or 1-800-465-5034 Northeastern Region 1-705-472-7900 or 1-800-461-9547 Eastern Region 1-613-544-2200 or 1-800-267-0295

Central Region 1-416-235-5385 West Region 1-519-873-4100

It is the proponent's responsibility to retain a qualified transportation consultant experienced in the preparation of a TIS. It is required that all TIS's shall be undertaken by a firm approved under the Ministry of Transportation's consultant Registry, Appraisal and Qualification System (RAQS) under the Traffic Impact Analysis Specialty category. All TISs submitted shall be signed and stamped by a Professional Engineer registered in the Province of Ontario, who takes responsibility for the TIS contents.

MTO will accept the use of Highway Capacity Software (HCS) 2010, Synchro/Sim Traffic Simulation Software Version 8 for intersection capacity/operational analysis and Arcady 8 for roundabout capacity and geometric delay analysis. Where required, the consultant shall use micro-simulation software (AIMSUM, PARAMICS, or VISSIM) according to the Operational Analysis Flow Chart for Roundabouts provided in Appendix "B". The consultant must obtain prior written approval from MTO to use any software other than those listed above and may be requested to submit an electronic copy of the calculation files. If the proposed development directly impacts freeway operations, there may be a need to undertake micro-simulation to assess these impacts. The ministry's Regional Traffic Sections should be contacted if there are any questions as to these requirements.

A minimum of three hard copies and one digital copy of the TIS shall be submitted to MTO for review. All supporting information such as the traffic analysis outputs, trip generation/distribution data source, digital simulation software files etc. shall be submitted for review with the TIS. Once submitted, all TISs shall be considered to be in the public domain. Note: "Read-only" digital files will not be accepted.

1.1 References

The following references are recommended but not limited to:

- ITE Trip Generation Manual and Handbook (most recent edition)
- MTO Geometric Design Standards for Ontario Highways Manual (most recent edition)
- Highway Capacity Manual (most recent edition)

- Roadside Safety Manual (most recent edition)
- All Ontario Traffic Manual (OTM) Books
- ITE Traffic Access and Impact Studies for Site Development: A Recommended Practice
- MTO Directives PLNG-B-05, PLNG –B-06, PLNG-B-08, PLNG-B -169 (available from MTO)
- Transportation Tomorrow Survey (TTS)
- TAC's Geometric Design Guide for Canadian Roads
- MTO Corridor Control's Highway Access Management Guidelines
- MTO Corridor Control and Permit Procedures Manual
- MTO Commercial Site Access and Standards Manual
- MTO's "A Guide for Highway Improvements Associated with Developments"

Note: Some of these technical documents are available in English only.

2 Submission Requirements

2.1 Executive Summary

• Contains key findings, conclusions and recommendations of the TIS and should be located at the front of the TIS.

2.2 Introduction

- Includes the purpose for submitting the TIS.
- Contains a brief description or overview of the project.
- Contains a description of the components of the TIS.

2.3 Existing Conditions

- Describes the road jurisdictions, road classifications, existing land use type, speed limits, lane configurations, street names, signalized and/or unsignalized intersections and their locations.
- Where possible, this information should be provided on detailed maps and diagrams.

2.4 Study Area

- Contains a description and a map of the study area including but not limited to the site location, land use, type of the surroundings and subject development lands.
- The study area should extend far enough to contain all highways, interchanges and intersections that will be affected by the traffic generated by the proposed development.

2.5 Development Land Use Type & Site Plan

- Contains a description of the type of land uses proposed and a detailed site plan showing structures, parking, access and site circulation.
- Identifies existing road edges, entrances, pavement markings and traffic control for roads adjacent to the proposed development, shown to scale.

2.6 Development Details and Size

 Describes the detail and size of the proposed development, such as property size (area), number of residential units, industrial gross floor area, number of employees, number of hotel rooms, commercial gross leasable floor area etc.

2.7 Development Stages

- Identifies the stages or phasing schemes of the development.
- Identifies the expected dates of full and partial completion/occupancy, estimated length of construction and opening dates if available, for each phase.

2.8 Other Development & Planned Road Improvements

- Identifies other developments in the study area that are under construction, approved or in the approval process that have the potential to impact the provincial facility or proposed access.
- Identifies any road improvements that are planned or currently under construction within the defined study area.

2.9 Study Horizons

- Includes the opening date of the development, 5 and 10 years from the opening date.
- Where applicable, each major phase in a multi-phased development should be assessed separately for the 5 and 10 year horizons beyond full build-out of the site.
- Alternative study horizon years require confirmation by ministry staff prior to the commencement of the TIS.

2.10 Traffic Analysis

- Impacts on the road network should be evaluated for both weekday A.M. and P.M. peak hours and for the site peak generation hour, if it falls outside highway peak hour times.
- Depending upon the study area and/or the proposed land or building uses, there may be a need to consider specific seasons, weekends, specific days of the week, or non-typical peak periods.
- The peak hour analysis should be undertaken for full development and for all interim stages, if applicable (with and without the relevant transportation improvements) as well as for:
 - Existing traffic conditions

- Existing traffic conditions plus background growth
- Existing traffic conditions plus background growth plus site generated traffic
- Heavy/Commercial vehicles must be accounted for in the traffic analysis.

2.11 Data Requirements

- The use of MTO data is preferred. Historical and recent AADT volume information for provincial highways can be obtained from the Ministry of Transportation website (www.mto.gov.on.ca/english/pubs/trafficvolumes). Counts from the local municipality or consultant collection counts may be considered acceptable however only data collected within 18 months of the submission date for the study shall be used.
- See Section 2.10 regarding the need for data for specific seasons, days of the week, or non-typical peak periods.

2.12 Background Traffic Forecasts (non-site traffic)

- Describes the method and assumptions for determining non-site future traffic, and is only to
 include current volumes adjusted by a growth factor, plus trip assignments and expected build
 out years for all approved developments within the Ministry permit control area that have
 already received a permit from the Ministry.
- The growth factor must be approved by the Ministry and, where available, may be determined
 by a regional macroscopic transportation model. For multi-phase development proposals, the
 Ministry may require that a Traffic Impact Study be submitted for the initial phase of
 development, and a separate Traffic Impact Study may also be requested for each subsequent
 phase of development.

2.13 Trip Generation

- The volume of traffic generated by a proposed development should be estimated using the procedures described in ITE's Trip Generation Handbook.
- Special consideration should be given to the guiding principles included in Chapter 3 of the ITE's Trip Generation Handbook for the selection between rates and equations.
- If local data is available, or an alternative methodology for trip generation is proposed, its use should be discussed with Ministry's staff prior to commencement of the TIS.
- For trip generators considered by the Ministry as unique, an alternative methodology for trip
 generation should be discussed and approved with the Ministry staff prior to commencement of
 the TIS.
- Trip Generation assumptions and results should be presented in a tabular form.

2.14 Trip Distribution/Assignment

- Describes methods and assumptions for distribution and route assignment of traffic.
- Assumptions for trip distribution should be supported by one or more of the following:

- Transportation Tomorrow Survey (TTS) data
- Origin-destination Surveys
- Comprehensive Travel Surveys
- Planning models
- Market studies
- Assumptions for route assignment should be supported by:
 - Existing travel patterns
 - Expected future travel patterns
- Assumptions for Origin/Destination and Percent Distribution should be presented in tabular form, while traffic assignment should be presented as a diagram.

2.15 Pass-By and Internal Capture Trips

- Pass-by trips are defined as intermediate stops made on the way from an origin to a primary destination. Methods and assumptions for adjusting gross trip generation for pass-by trips shall be in accordance with the information contained in Chapter 5 of the ITE's Trip Generation Handbook.
- Internal Capture trips are defined as those trips made among land uses internal to the site. The method addressed in Chapter 7 of the ITE's Trip Generation Handbook shall be followed to estimate the percentage reduction in trip generation due to internal capture.
- For land uses not currently included in the ITE's Trip Generation Handbook, all trips will be considered as primary trips.
- Assumptions for Pass-by and Internal Capture Trips should be presented in a tabular form.

2.16 Evaluation of Impacts

- Describes methodologies and parameters used in evaluation.
- Capacity analysis shall be performed at all proposed site access points and intersections in the study network in accordance with the methodology described in the latest edition of the Highway Capacity Manual (HCM). At signalized intersections, movements with v/c ratio greater than 0.85 are deemed to be "critical" in terms of operations. Movements that experience a v/c ratio of 0.85 or greater should be evaluated for possible operational improvements. For ramps, a v/c ratio for terminal ramp approaches with a value greater than 0.75 would be deemed critical and should be evaluated for possible operational improvements.
- All proposed traffic signals should be evaluated for conformance to MTO best practices, proximity to other adjacent traffic signals, traffic signal progression and any impacts on the corridor.
- Any alternative method of evaluation regarding the technical justification for traffic signals being considered must be discussed and approved by MTO prior to commencement of the TIS.
- Recommended storage at signalized and un-signalized intersections should follow MTO's Geometric Design Standards for Ontario Highways Manual and Ontario Traffic Manual Book 12.
- All exclusive turn lanes should be designed as per the MTO's Geometric Design Standards for Ontario Highways (GDSOH) manual.
- Any traffic improvements or operational concerns that cannot be adequately mitigated to MTO standards should be identified.

- All volumes should be shown in exhibits.
- Other modes of transportation:
 - For developments in which truck trip generation and their effects in the study area are relevant, the following information shall be included as part of the TIS:
 - Existing conditions related to truck traffic (percentage, safety).
 - Relationship between land use and truck traffic (cargo, service hours, routing).
 - Physical requirements (dedicated access, dedicated lanes).
 - For developments in which walking and cycling contribute significantly to the amount of generated trips, the following information shall be included as part of the TIS:
 - Existing and proposed pedestrian and cyclist facilities.
 - ♦ Measures to maintain and/or improve existing conditions including interconnection of existing facilities.
 - Any possible effects in existing or proposed facilities generated by the proposed development.
 - For proposed developments in which fixed and well established transit service is not currently provided or proposed, no transit analysis is required.
 - For proposed developments not automobile-oriented and in which fixed and well established transit service is provided, transit analysis to identify trip reduction is required.

Traffic Safety:

- Safety of all road users must be taken into consideration during the preparation of the TIS.
- The TIS should identify and make recommendations regarding any geometric elements that may impact safety, such as restricted sight distance.
- Where applicable, the TIS should include consideration of the safety of vulnerable users.
- For developments in which there is significant concern over the development's effect on road safety, the Ministry may also require a more detailed traffic safety analysis as part of the TIS.

Timing and Signal Justification:

- The need for traffic signals and/or underground traffic signal utility provisions shall be reviewed at all locations affected by the proposed development and for each proposed development stage(s).
- Refer to OTM Book 12, Section 4.1. to determine when traffic signals or provisions for signals are warranted.
- Intersection timing and traffic signal improvements required due to development or redevelopment shall be considered as improvements in the TIS.

Roundabout Analysis:

- For any locations that are being considered for a potential new traffic signal, a modern roundabout analysis should be considered upon discussions with the Ministry.
- The Ministry may also direct that for an existing signalized intersection location with existing or projected poor safety or operational performance, a modern roundabout analysis must be completed.
- Refer to: Appendix B "Consideration of a Roundabout" for further details related to MTO Roundabout considerations and requirements.

Access:

- All site access points shall conform to the latest edition of the Ministry's access control policy and to the TAC Geometric Design Guide for Canadian Roads.
- Geometric Improvements:

- The need for geometric improvements shall be reviewed at all locations in the study area and for each proposed development stage(s).
- The TIS should clearly identify transportation impacts by movement, the transportation system improvements that are needed to mitigate these impacts and the timing of any recommended improvements.
- All geometric improvements should be shown on a functional plan identifying lane arrangements and intersection improvements for each horizon year.
- Illumination requirements resulting from any proposed geometric improvements to accommodate the proposed development shall be assessed in accordance with MTO Directives PLNG-B-05/PLNG-B-06.

2.17 Conclusions and Recommendations

- Summary of key findings on the impacts of the proposed development on the highway corridor;
- Summary of recommended improvements. This should include, but not be limited to type of access, entrance design, highway improvements including right/left turn lanes tapers, visibility triangles, signalization and signage, etc..
- If one TIS is prepared for both provincial and municipal consideration, a breakdown of the summary of impacts and improvements by road authority shall be provided.
- Any improvements identified in the TIS as warranted within the first 5 years of the
 development's operation, shall be constructed prior to opening day. For phased development,
 "opening day" refers to the opening day of the initial or first phase of the development.

All diagrams, drawings and figures contained in the TIS must be sufficient scale to be legible. All drawings, tables and exhibits/figures included in the TIS must be appropriately labelled and listed at the front of the TIS (after the Table of Contents) under the appropriate headings.

3 Disclaimer

Notwithstanding the above, each Regional Corridor Management section and/or Traffic Section may require additional information and analysis, depending on the complexity of the proposal and the anticipated traffic impacts.

Appendix A

CHECK LIST FOR SUBMISSION PRIOR TO COMMENCEMENT OF THE TRAFFIC IMPACT STUDY (TIS)

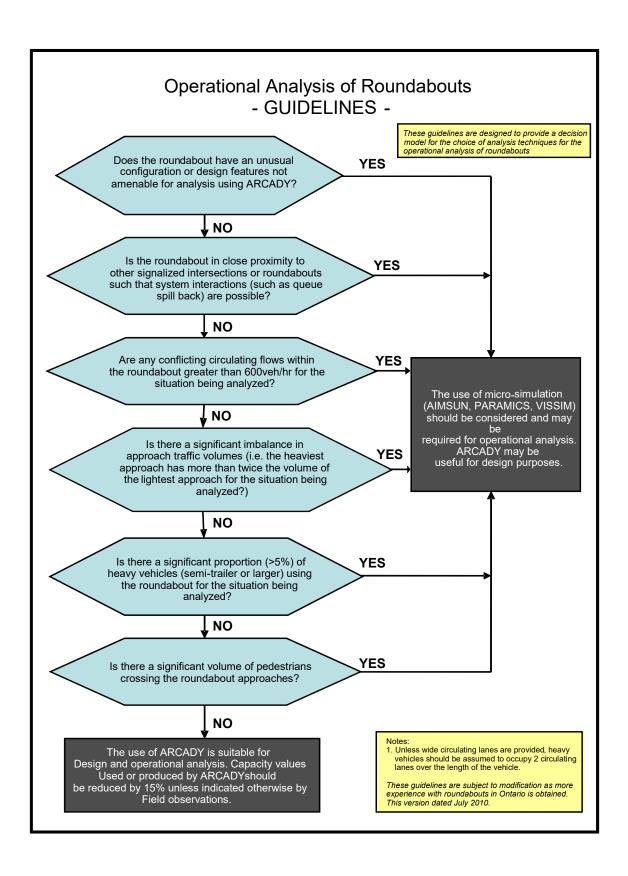
This form must be completed prior to commencing a TIS. The completed Check List should be submitted to the appropriate Regional Corridor Management Section by the transportation consultant for comments. If required, MTO will provide comments to the transportation consultant for inclusion in the Traffic Impact Study.

1.	Project Name					
2.	Project Location					
		Attach map sh	owing site location and	proposed study area boundaries		
3.	Development Type					
	Residential	Indicate numb	er and type of units			
	Commercial	Indicate amou	nt and type of space			
	Other Provide detailed description					
	Opening Date	Proposed hori	zon years			
4.	Will study assume trip reduction?		YES 🗌	NO 🗌		
	Describe the proposed methodology					
5.	Will approved software be used? (Section 1 in Guidelines)		YES 🗌	NO 🗌		
6.	Identify any alternative software (for approval)					
	(i.e. approval)					
7.	Will study use local data for trip ger	neration?	YES 🗌	NO 🗌		
	Describe trip generation data source estimation method	e and				
SIGNED [Consultant]:				Date:		

Appendix B

Consideration of Roundabout

- For any locations that are being considered for a potential new traffic signal including site access intersection for the proposed development, a roundabout should be considered. For an existing signalized and unsignalized intersection with current or projected operational problems, a roundabout should be considered.
- The operation of corridor network as a system should be considered when feasibility of the roundabout is assessed.
- The traffic analysis based on existing and projected traffic volume should determine the number of lanes and configurations for approaching and departing traffic at roundabout for base, interim and ultimate horizon years.
- Detailed capacity analysis should be conducted for 85% y-intercepts (e.g. 15% capacity reduction) from opening to ten years horizon; 90% y-intercept (e.g. 10% capacity reduction) from ten to twenty years after opening; and 95% y-intercept (e.g. 5% capacity reduction) beyond twenty years after opening. Pedestrians should be considered in capacity analysis. The following performance indicators for each approach and the roundabout should be reported:
 - 1. Entering, circulating and departing traffic volume
 - 2. Delay:
 - a. Average delay per arriving vehicle
 - b. Total delay
 - 3. Queue: 95th percentile queue
 - 4. RFC (Ratio of flow to capacity, v/c)
 - 5. LOS (Level of Service)
- When roundabout is evaluated, a preliminary geometric design upon which traffic analysis are based should be submitted, which shows the following minimum geometric design parameters:
 - 1. Approaching and departing number of lanes and configurations.
 - 2. Inscribed circle diameter, central island diameter and truck apron (if any).
 - 3. Entry width, road half-width, effective flare length, entry radius, and entry angle at each approach.
- When preliminary design for roundabout is developed, the following preliminary performance measures should be submitted:
 - 4. Through fastest path for each approach.
 - 5. Speed (V) Radius (R) relationship of R1, R2, R3, R4 and R5 with speeds of V1, V2, V3, V4 and V5 respectively for each approach.
 - 6. Conflicting differential speed of ΔV at the conflicting point of each approach.





Minutes

Date: August 25, 2017

File #: TPB16053

Meeting Date & Time: August 17, 2017
Meeting at: Teleconference

Subject: Scoping for Traffic Assessment Requested by MTO

Attendees:

Morgan Lawrence, MTO

Graham Routledge, MTO

Mohan Philip, City of Hamilton

Rob Decleir, City of Hamilton

Graeme Price, MTO

André Lower, Amec Foster Wheeler

Margaret Fazio, City of Hamilton

Maria King, Amec Foster Wheeler

Aneta Zaszkowska, City of Hamilton

Regrets:

Chris Singh, MTO Ravi Bhim, Amec Foster Wheeler

David Sinke, Amec Foster Wheeler

MATTERS DISCUSSED

ACTION BY:

1. Project Overview

- a. M. Fazio provided an overview of the project, indicating study limits and the problems and opportunities being addressed through completion of the Barton Street and Fifty Road Improvements Class EA. She highlighted that as part of the current EA, the study team has confirmed that grade-separation of the existing CN Rail line and Fifty Road will be required, but that the preferred design and anticipated date for construction has yet to be determined (likely within the next 10 years).
- b. M. Fazio highlighted that the need for the grade-separation is being partially driven by safety concerns, and enquired as to whether the MTO would be allowed to block the proposed works if they impacted the interchange.

PLEASE NOTE: If there is any comment or amendment to be made to these meeting notes, they should be brought to the notice of Amec Foster Wheeler within five (5) business days of issue and confirmed in writing.

3450 Harvester Road Burlington, Ontario L7N 3W5 Tel +1 905 335 2353 Fax +1 905 335-1414 amecfw.com Amec Foster Wheeler Environment & Infrastructure Registered office: 2020 Winston Park Drive, Suite 700, Oakville, Ontario L6H 6X7 Registered in Canada No. 773289-9; GST: 899879050 RT0008; DUNS: 25-362-6642 Meeting Date: August 17, 2017

MATTERS DISCUSSED

ACTION BY:

- c. A representative of the MTO responded that they would not block roadworks being completed to address safety concerns, but that they would work with the City to come to a mutually agreeable solution.
- d. M. King expanded that, while the study team has yet to determine the preferred method of grade-separation, the close proximity of the CN Rail Line and adjacent intersections will mean that changes in elevation will be required at the Fifty Road/South Service Road intersection. She also brought to the team's attention that this particular intersection has recently been signalized and additional through/auxiliary lanes have been added in support of commercial development along South Service Road.
- e. M. Lawrence enquired about the status and limits of the traffic assessment being completed as part of the EA.
- f. M. King responded that a Vissim model has been built for the study area that takes into consideration planned residential growth, shifts in modal split, and development along South Service Road as identified within the developers' Traffic Impact Studies. The limits of the Vissim model extend along Barton Street from immediately west of Fruitland Road to Fifty Road, and along Fifty Road between Highway 8 and South Service Road.

2. Need and Timing for Traffic Assessment

- a. M. Fazio highlighted that, as the grade separation would be located within 400 m of the interchange, the MTO (Chris Singh) had identified at a previous meeting (held June 26th, 2017) that an assessment of traffic impacts on their interchange resulting from the proposed works would be required.
- b. M. Fazio enquired as to whether the traffic study could be delayed to the detailed design phase, when more accurate information would be available regarding the preferred grade-separation design, as well as actual traffic counts following buildout of the commercial development along South Service Road.
- c. M. Lawrence responded that an assessment would be required at this stage in the process in order to permit the MTO to help shape the preferred configuration for a revised Fifty Road/South Service Road intersection, as well as any potential modifications to the W-S Ramp. She also indicated that another, separate, assessment would be required at detailed design.

3. Scope of Assessment

a. G. Routledge indicated that, due to the fact that the entire study area is located within 400 m of the QEW and extends between two Meeting Date: August 17, 2017

MATTERS DISCUSSED

ACTION BY:

interchanges, both the Fruitland Road and Fifty Road interchanges would need to be included in the requested Traffic Assessment.

- b. M. King enquired as to whether MTO could clarify the scope of work for the assessment they are requiring.
- c. M. Lawrence responded that the study team would need to propose a scope of work for approval by the MTO, but that the MTO would provide a copy of their Traffic Impact Study guidelines to assist with scoping.
- d. M. King stated that, at present, the study team will be proposing completion of a Synchro analysis that will compare traffic with and without the proposed CN Rail grade-separation and Barton Street and Fifty Road improvements for the study horizon years used in the EA traffic model (2021 and 2031). She also indicated that, per the MTO's request, they will look at traffic impacts resulting from any detour work required during construction.
- e. M. Lawrence responded that the MTO will review the proposal once submitted.

4. Modifications to Interchange Ramps and South Service Road Intersection

- a. G. Routledge indicated that the MTO would be interested in seeing what impact modifications to the South Service Road intersection would have on the currently free-flow W-S Ramp, particularly if signalization of that ramp terminal would be required. He indicated that dual right turn lanes may be needed, and that associated weaving issues will need to be considered, especially given the limited distance between the ramp and South Service Road. MTO would need to evaluate any proposed geometric changes to the ramp.
- b. M. Philip enquired as to whether the MTO had reviewed and approved the intersection modifications that were recently completed at the intersection of Fifty Road and South Service Road.
- c. The MTO responded that they had indeed reviewed and approved the current modifications, as well as signalization of the intersection.
- d. The MTO enquired as to whether the EA will consider implementation of a roundabout at South Service Road. M. Fazio responded that roundabouts will be considered at all major intersections along the study corridors, but that the detailed screening exercise had yet to be completed.

5. Potential Multi-Modal Hub

Continued...

Meeting Date: August 17, 2017

MATTERS DISCUSSED

ACTION BY:

- a. M. Philip enquired as to whether the MTO was aware of any rapid transit expansion plans within the corridor, particularly a Metrolinx Hub at this location.
- b. The MTO responded that they had seen site plans indicating that a hub may be located within close proximity to the interchange at some point in the future, but that no timelines were identified.
- c. M. Philip highlighted that it will be important to confirm Metrolinx and HSR plans prior to completing the study.

6. Report Sharing

- a. M. Fazio enquired as to whether the MTO would be interested in reviewing the draft traffic study completed as part of the current EA, or if they would like to wait and review once the MTO portion was also completed.
- b. M. Lawrence requested that the study team forward the draft traffic study for informational purposes, but indicated that no formal commentary would be provided at this time.
- c. M. Lawrence indicated that Graham Routledge would be the prime contact for this project going forward, and that all information and requests should be directed through him.
- d. M. Fazio enquired about turnaround times for reports and designs submitted for MTO review. A timeline of approximately 3 weeks is anticipated.

Meeting Minutes prepared by:

Amec Foster Wheeler Environment & Infrastructure A division of Amec Foster Wheeler Americas Limited

Per: Maria King, P.Eng. Project Engineer

Shams, Aniqa

From: Fazio, Margaret < Margaret.Fazio@hamilton.ca>

Sent: Monday, August 28, 2017 2:00 PM

To: Johnson, Brenda

Cc: Demik, Kristen; Lamanes, Ann; Thorne, Jason; D'Onofrio, Clementina; Sergi, Tony;

Donald, Sherree; Paparella, Guy; Stringer, Amanda C; Yong-Lee, Sally; King, Maria E;

Smith, Neal; Dinney, Kathy

Subject: Notice of Public Information Update No. 1 - Barton and Fifty Road Phases 3 & 4 EA

Attachments: 2017-08-24- Notice of PIU No 1 - BFI EA - FINAL.pdf

Hello Cllr. Johnson,

Please find attached the Notice for the above upcoming Public Information Update, for your records, etc. Thank you for taking the copies of the Notice for extra advertising at the Winona Peach Festival this past weekend!

This Notice has been on the City of Hamilton website as of last Friday – Public Meetings and the Project web pages.

It will be published in The Stoney Creek News, 1 and 2 weeks prior to the Meeting, and via the City's social media accounts. The direct mail out to affected residents and agencies will be initiated early next week.

Please note that the usual Public Information Centre (PIC) name was changed to the Public Information Update because a "PIC" is associated with the Municipal Class EA legal process requirements. The PIU is intended to link the public between the Phases 1 & 2 of the EA process, fulfilled by the SCUBE TMP (2009) – forming part of the Fruitland-Winona Secondary Plan, and Phases 3 & 4 (current study). The next Public Meeting in this study will fulfill Phase 3 requirements of the EA process.

We understand that you will be able to attend. We are looking forward to seeing you there!

Please let me know if you have any questions.

Thank you,

Margaret Fazio, B.Sc., EP, MCIP, RPP

Senior Project Manager, Infrastructure Planning
Growth Management, Planning and Economic Development Department
City of Hamilton, 71 Main Street West, 6th Floor, Hamilton, ON, Canada, L8R 4Y5
Tel: 905-546-2424 ext. 2218; Fax: 905-540-5611; e-mail: Margaret.Fazio@hamilton.ca



www.hamilton.ca/canada150

P.S. I understand the Festival was an historic event – The 50th anniversary and the Prime Minister popping in⊚ Congratulations!

Shams, Aniqa

From: Young, Rob

Sent: Thursday, October 5, 2017 7:49 PM

To: Shams, Aniqa

Subject: Fwd: CNR Grade Separation Crossing at Fifty Road Questions for HONI Engineering staff

- October 5, 2017 conversation notes

Rob Young, P.Geo., MCIP RPP Associate Environmental Planner Amec Foster Wheeler Environment & Infrastructure (647) 923-7659

Begin forwarded message:

From: "Fazio, Margaret" < Margaret. Fazio@hamilton.ca>

Date: October 5, 2017 at 5:03:57 PM EDT

To: "'joan.zhao@HydroOne.com'" <joan.zhao@HydroOne.com>

Cc: "'maria.e.king@amecfw.com" <maria.e.king@amecfw.com>, "Yong-Lee, Sally" <Sally.Yong-

Lee@hamilton.ca>, "'neal.smith@amecfw.com'" <neal.smith@amecfw.com>,

"'rob.young@amecfw.com" <rob.young@amecfw.com>

Subject: RE: CNR Grade Separation Crossing at Fifty Road Questions for HONI Engineering staff - October 5, 2017 conversation notes

Thank you, Joan.

Yes, this helps! Happy Thanksgiving! Margaret

Margaret Fazio, B.Sc., EP, MCIP, RPP

Senior Project Manager, Infrastructure Planning Growth Management, Planning and Economic Development Department City of Hamilton, 71 Main Street West, 6th Floor, Hamilton, ON, Canada, L8R 4Y5 Tel: 905-546-2424 ext. 2218; Fax: 905-540-5611; e-mail: Margaret.Fazio@hamilton.ca



www.hamilton.ca/canada150

From: joan.zhao@HydroOne.com [mailto:joan.zhao@HydroOne.com]

Sent: October-05-17 11:29 AM

To: Fazio, Margaret

Cc: maria.e.king@amecfw.com; Yong-Lee, Sally; neal.smith@amecfw.com; rob.young@amecfw.com

Subject: RE: CNR Grade Separation Crossing at Fifty Road Questions for HONI Engineering staff - October 5, 2017 conversation notes

Margaret,

You indicated Hydro corridor lands (owned by Province/IO) will be affected. As mentioned, IO won't get involved until we (Hydro One) circulate an PMP (property management proposal) to both Hydro One and IO stakeholders. As soon as you know where corridor lands will be affected and for what purposes, you might as well send to us. A PMP circulation can start with a conceptual drawing.

Hope it helps.

Joan Zhao SR/WA

Sr. Real Estate Coordinator
Facilities & Real Estate
Hydro One Networks Inc.
T: (905) 946-6230 | F: (905) 946-6242
P.O. Box 4300 | Markham ON | L3R 5Z5
Courier: 185 Clegg Road | Markham ON | L6G 1B7
joan.zhao@hydroone.com

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From: Fazio, Margaret [mailto:Margaret.Fazio@hamilton.ca]

Sent: Thursday, October 05, 2017 10:53 AM

To: ZHAO Joan

Cc: 'King, Maria E'; Yong-Lee, Sally; 'Smith, Neal (neal.smith@amecfw.com)'; 'Young, Rob

(<u>rob.young@amecfw.com</u>)'

Subject: RE: CNR Grade Separation Crossing at Fifty Road Questions for HONI Engineering staff -

October 5, 2017 conversation notes

Importance: High

Hi Joan,

Following up on our conversation earlier today, I thought I'd share my notes to make sure I have understood everything correctly and for both our records:

- 1. You would require preliminary functional design drawings on which to comment as to exact impacts on Hydro Ona/Infrastructure Ontario lands.
- Based on those drawings you would therefore be able to tell us if/which IO Class EA would be triggered, as well as send our drawings for further comments in both organizations, although you do not have direct influence on the IO EA process.
- 3. The sooner we send our functional drawings to you, the sooner we can get in queue for receipt of comments back.
- 4. We anticipate having functional drawings available for comment late at the end of this year/early 2018, for your comments.

Please let me know if I have missed or miss-understood anything.

Thank you,

Margaret

From: joan.zhao@HydroOne.com [mailto:joan.zhao@HydroOne.com]

Sent: September-21-17 11:45 AM

To: Fazio, Margaret

Subject: RE: CNR Grade Separation Crossing at Fifty Road Questions for HONI Engineering staff

Hi Margaret,

I hope our conversation early today would be helpful. You indicated you have not come up with preliminary drawings/concept drawings yet. In that case HONI will address your questions at a later time when prelim plan/options are ready for our stakeholders to review.

As mentioned, you might find some useful information from the attached Secondary Land Use website. https://www.hydroone.com/business-services/secondary-land-use. Note they are general guidelines only and a approval. I noticed your study area involves both Hydro One transmission easement corridor and Bill 58 corridor. If the project will affect the Bill 58 lands, you might want to engage HONI/Infrastructure Ontario earlier because of a more lengthy Provincial Secondary Land Use process. In both cases, I am your point of contact.

Give me a call you have any questions.

Thanks,

Joan Zhao SR/WA

Sr. Real Estate Coordinator Facilities & Real Estate Hydro One Networks Inc.

T: (905) 946-6230 | F: (905) 946-6242 P.O. Box 4300 | Markham ON | L3R 5Z5

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joan.zhao@hydroone.com

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From: ZHAO Joan

Sent: Wednesday, September 20, 2017 5:01 PM

To: 'Fazio, Margaret'

Cc: Maria E King: Sinke, David

Subject: RE: CNR Grade Separation Crossing at Fifty Road Questions for HONI Engineering staff

Margaret,

Attached is all we received in the past.

You replied to Meredith Nyers on July 17 (my assistant when I was on vacation) that you are working on preliminary drawings and will send it over. But we haven't seen them as of now. I saw an email coming from you last week regarding the notice of PIU for Municipal Class Environmental Assessment – Phases 3 & 4. What kind of drawings have you come up with for Phases 3 & 4 EA?

Please provide electronic version of drawing(s) plus 3 sets of hard copies (some technicians are reviewing hard copy).

Thanks,

Joan Zhao SR/WA

Sr. Real Estate Coordinator Facilities & Real Estate Hydro One Networks Inc.

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From: Fazio, Margaret [mailto:Margaret.Fazio@hamilton.ca]

Sent: Wednesday, September 20, 2017 4:42 PM

To: ZHAO Joan

Cc: Maria E King; Sinke, David

Subject: Re: CNR Grade Separation Crossing at Fifty Road Questions for HONI Engineering staff

Hi Joan,

Sorry, I have been working out of the office and in training today. Counld you clarify the level of detail desired, please? The functional drawings are not expected for the project until later this year. We are still in the preliminary stages of the study.

I hope this helps?

Thank you, Margaret

Sent from my BlackBerry 10 smartphone on the Bell network.

From: joan.zhao@HydroOne.com

Sent: Wednesday, September 20, 2017 1:37 PM

To: Fazio, Margaret

Subject: FW: CNR Grade Separation Crossing at Fifty Road Questions for HONI Engineering staff

Hi Margaret,

We haven't heard back from you re drawings. I left you a voice message a well yesterday.

Joan Zhao SR/WA Sr. Real Estate Coordinator

Facilities & Real Estate
Hydro One Networks Inc.

T: (905) 946-6230 | F: (905) 946-6242 P.O. Box 4300 | Markham ON | L3R 5Z5

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From: ZHAO Joan

Sent: Monday, September 18, 2017 3:05 PM **To:** NYERS Meredith; 'Fazio, Margaret'

Cc: 'King, Maria E'; 'Smith, Neal (neal.smith@amecfw.com)'

Subject: RE: CNR Grade Separation Crossing at Fifty Road Questions for HONI Engineering staff

Margaret,

We are still awaiting the preliminary drawings for review. Do you have them available now? Thanks,

Joan Zhao SR/WA

Sr. Real Estate Coordinator Facilities & Real Estate Hydro One Networks Inc.

T: (905) 946-6230 F: (905) 946-6242 P.O. Box 4300 | Markham ON | L3R 5Z5

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joan.zhao@hydroone.com

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From: NYERS Meredith

Sent: Monday, July 17, 2017 1:50 PM

To: 'Fazio, Margaret'

Cc: ZHAO Joan; 'King, Maria E'; 'Smith, Neal (neal.smith@amecfw.com)'

Subject: RE: CNR Grade Separation Crossing at Fifty Road Questions for HONI Engineering staff

Hi there.

To myself and cc Joan as she's away for a month

Thank you

From: Fazio, Margaret [mailto:Margaret.Fazio@hamilton.ca]

Sent: Monday, July 17, 2017 1:48 PM

To: NYERS Meredith

Cc: ZHAO Joan; 'King, Maria E'; 'Smith, Neal (neal.smith@amecfw.com)'

Subject: RE: CNR Grade Separation Crossing at Fifty Road Questions for HONI Engineering staff

Hi Meredith.

We are working on preliminary drawings now. Should we send them through you, Joan or in some other way?

Thank you, Margaret

Margaret Fazio, B.Sc., EP, MCIP, RPP

Senior Project Manager, Infrastructure Planning Growth Management, Planning and Economic Development Department

City of Hamilton, 71 Main Street West, 6th Floor, Hamilton, ON, Canada, L8R 4Y5

Tel: 905-546-2424 ext. 2218; Fax: 905-540-5611; e-mail: Margaret.Fazio@hamilton.ca



www.hamilton.ca/canada150

Shams, Aniqa

From: Fazio, Margaret < Margaret.Fazio@hamilton.ca>

Sent: Wednesday, July 11, 2018 9:44 AM

To: Bastien, Jonathan

Cc: King, Maria E; Chipps, Steve; Fraser, Lachlan; Mcgill, John; Moniruzzaman, Monir;

Nizharadze, Alex

Subject: Clarification Questions in response to HCA SMW comments: Barton Street and Fifty

Road Improvements EA - DATA NEEDED

Importance: High

Hi Jonathan,

Thank you for the detailed information provided below. It's much appreciated.

In response we wanted to ask some clarification questions, to ensure our understanding, below:

- 1. For Watercourse 7.0 and 7.1, 9.0 and 12, where you are requesting that "cross-sections upstream of Barton be verified with latest available topographical data" could you please clarify if this is intended to expand on Block 3 information or includes future information to be made available by HCA based on the study that's going on right now or something else? When do you anticipate having an updated set of topographical information available/finalized?
- 2. For Watercourse 9.0 and under the Section of "Expected Assessments" re where you are requesting that the HEC-RAS modelling may need to be extended to Lake Ontario, and the latter downstream flooding. Should we understand that this should be a contingency only in the event where we need to further upsize the culvert sizes determined by SCUBE East models?
- 3. The original hydrologic and hydraulic modelling of SCUBE sub-watershed studies have been accepted and approved by HCA. These models already considered all new culverts on Barton Street across WC # 5, WC# 6, WC# 7 & WC# 9. We are not sure of the purpose of updating the HEC-RAS model again, unless the flows are different now?
 - a. The regulated floodplain mapping considers uncontrolled/un-routed flows as per MNRF guideline, and it does not consider any road structures. If the updated hydrologic model shows higher flows than those of the sub-watershed studies, then we agree that the HEC-RAS model will need to be updated based on new flows.
 - b. We understand that the flood elevations downstream of the proposed culverts may increase due to enlarged culverts beyond the existing condition, however the increased flood lines should not exceed the 100 year flood line. Does the HCA require us to maintain the existing condition floodlines downstream for all ranges of storm events in consideration of new culverts on Barton Street?

Please let us know if you wish to discuss via phone, etc. We think the last point would have large ramifications to all SCUBE studies, so we should discuss ASAP.

Thank you,

Margaret Fazio, B.Sc., EP, MCIP, RPP

Senior Project Manager, Infrastructure Planning

Growth Management, Planning and Economic Development Department

City of Hamilton, 71 Main Street West, 6th Floor, Hamilton, ON, Canada, L8R 4Y5 Tel: 905-546-2424 ext. 2218; Fax: 905-540-5611; e-mail: *Margaret.Fazio@hamilton.ca*

From: Bastien, Jonathan Sent: June-27-18 3:01 PM

To: 'King, Maria E'

Cc: Fazio, Margaret; Chipps, Steve; Fraser, Lachlan; Mcgill, John; Moniruzzaman, Monir; Nizharadze, Alex

Subject: RE: TPB166053 Barton Street and Fifty Road Improvements EA - DATA NEEDED

Good afternoon Maria,

Unfortunately, HCA's phones and internet has been down since late last week, and only come back online yesterday. My apologies for the delay in providing this information.

The available modeling files have been uploaded to the following OneDrive website. Please let me know if you have any difficulties downloading the files.

https://1drv.ms/f/s!AnTbehWg9LxnsFwM3K0qRc19IO9X

Below, I have summarized the available information and details for each watercourse.

Watercourse 6.0

Hydrology modeling

- SCUBE SubWatershed Study (Aquafor Beech, 2013) Visual OTTHYMO model [For hydrologic assessment of full Watercourse 6.0]
- Block Servicing Strategy Block 2 (Aquafor Beech, ongoing) PCSWMM model [For SWM Pond 6.0 design and proposed discharges to Watercourse 6.0 immediately upstream of Barton Street from this proposed SWM Pond]

Hydraulic modeling

 Block Servicing Strategy Block 2 (Aquafor Beech, ongoing) - HECRAS model [Peak flows as per SCUBE 2013 study, updated cross-sections based on recent HCA topography data, existing structures only, no proposed structures]

<u>Watercourse 6.2</u> (NOTE: HCA and SCUBE previously referred to this as Watercourse 6.1) <u>Hydrology modeling</u>

- SCUBE SubWatershed Study (Aquafor Beech, 2013) Visual OTTHYMO model [For hydrologic assessment of full Watercourse 6.0]
- Block Servicing Strategy Block 2 (Aquafor Beech, ongoing) PCSWMM model [For SWM Pond 6.0 design and proposed discharges to Watercourse 6.0 immediately upstream of Barton Street from this proposed SWM Pond]

Hydraulic modeling

HCA has no modeling available

Watercourse 7.0

Hydrology modeling

- HCA agree to the approach of using the 1989 MDP study for peak flows under SWM controlled conditions.
- However, HCA staff request that for any assessment under uncontrolled conditions (including floodplain mapping) be based on the SCUBE SubWatershed Study (Aquafor Beech, 2013) – Visual OTTHYMO model

Hydraulic modeling

- HCA agree to the approach of using the WC 7.0 Re-alignment (Wood, 2017) HEC-RAS model
- **However**, HCA staff request that cross-sections upstream of Barton be verified with latest available topographic data

Watercourse 7.1

Hydrology modeling

- HCA agree to the approach of using the 1989 MDP study for peak flows under SWM controlled conditions.
- However, HCA staff request that for any assessment under uncontrolled conditions (including floodplain mapping) be based on the SCUBE SubWatershed Study (Aquafor Beech, 2013) Visual OTTHYMO model. The SCUBE 2013 model will need to be updated to separately represent watercourses 7.1 and 7.2 (which are combined in the SCUBE 2013 assessment)

Hydraulic modeling

- HCA agree to the approach of using the WC 7.0 Re-alignment (Wood, 2017) HEC-RAS model
- However, HCA staff request that cross-sections upstream of Barton be verified with latest available topographic data

Watercourse 7.3

Hydrology modeling

HCA has no modeling available

Hydraulic modeling

HCA has no modeling available

Watercourse 9.0

Hydrology modeling

- If ready and available, HCA would suggest using the Block Servicing Strategy Block 3 (UrbanTech, ongoing) MIKE 11 model.
- Alternatively, HCA is aware of previous SWMHYMO hydrologic modeling of this watercourse, developed as part of the Lewis Road Channel Design Brief (John Lemarre Consulting Group, 2011). Please note that the peak flows derived from this study are believed to be conservative. In addition, updates to this assessment may be required to:

- Confirm drainage areas based on best-available topographic information and drainage system details
- Confirm representation of existing and future land use conditions are consistent with current available information.

The City or HCA can provide a copy of this model if required.

Hydraulic modeling

- If ready and available, HCA would suggest using the Block Servicing Strategy Block 3 (UrbanTech, ongoing) – HEC-RAS model.
- Alternatively, HCA is aware of previous HEC_RAS hydraulic modeling of this watercourse, as part of a development application (Venetian Meats & AJ Clarke, 2017). <u>Please note that the peak flows used are believed to be conservative.</u> In addition, **updates to this assessment** may be required to:
 - The HEC-RAS modeling may need to be extended to Lake Ontario, in order to adequately confirm no downstream impacts resulting from any Barton Street culvert resizings. The Venetian Meats 2017 HEC-RAS model used previous modelling that extended to Lake Ontario as a base. The Venetian Meats model was cut off near the CNR crossing.
 - There are some aspects of the available John Lemarre 2011 SWMHYMO hydrologic modeling downstream of the CNR which if used may need to be reviewed and addressed. This includes sections of decreased peak flow rate, compared to upstream reaches.
 - Cross-sections should be confirmed based on current available topography data and crossing information

Please note that it is expected that Wood, with the potential assistance of the City, will ensure that approval is obtained to use the John Lemarre and Venetian Meats modelling.

Watercourse 12.0

Hydrology modeling

- SCUBE SubWatershed Study (Aquafor Beech, 2013) MIKE 11 model. Due to size, this
 modeling has not presently been provided on the One Drive website, but can be provided if
 needed.
- However, HCA staff request that drainage areas be confirmed based on best-available topographic information and drainage system details

Hydraulic modeling

• SCUBE SubWatershed Study (Aquafor Beech, 2013) - HECRAS model

Expected Assessments

As discussed in the meeting, assessments may be required for the following, depending on the nature and extent of proposed changes to the road profile and crossing sizings:

Updated Flood Plain Mapping, based on:

- Ultimate developed land use conditions upstream and downstream of the site area (as per Official Plan),
- Proposed site conditions
- Uncontrolled peak flows (No accounting for flow attenuation due to SWM, culverts or other structures)
- That said, the hydraulic impacts of existing and proposed structures on flood levels is to be accounted for
- Assessment of the impacts of proposed changes on downstream flooding and
 erosion. Although not accounted for in Flood Plain Mapping, proposed alterations to crossings
 may in reality alter flow attenuation at the road crossing thus possibly affecting flows, water
 levels and velocities downstream of the crossings. It is suggested that a downstream impact
 assessment be based on a comparison of the following scenarios:
 - Existing land use, with existing SWM, existing conditions at all hydraulic structures, and accounting for the flow attenuation at the Barton Street / Fifty Road crossings.
 - Proposed site land use, existing land use offsite, with proposed site SWM and existing
 offsite SWM, proposed crossing sizings and configurations at the Barton Street and Fifty
 Road crossings, existing conditions at all offsite hydraulic structures, and accounting for
 the flow attenuation at the proposed revised Barton Street / Fifty Road crossings.
 - The review is requested to include the range of storms evaluated in the overall study.

I am available to discuss any of the above in further detail.

Have a nice day.

Jonathan Bastien

Water Resources Engineering Hamilton Conservation Authority Tel: 905-525-2181 ext.138

Mobile: 905-515-3087 Fax: 905-648-4622

Email: jbastien@conservationhamilton.ca

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Thank you.

From: King, Maria E [mailto:maria.e.king@woodplc.com]

Sent: Tuesday, June 26, 2018 9:42 AM

To: Bastien, Jonathan < Jonathan. Bastien@conservationhamilton.ca>

Cc: Fazio, Margaret < Margaret. Fazio@hamilton.ca>; Chipps, Steve < steve.chipps@woodplc.com>; Fraser, Lachlan

< Monir. Moniruzzaman@hamilton.ca>

Subject: RE: TPB166053 Barton Street and Fifty Road Improvements EA - DATA NEEDED

Hi Jon,

We are following up with respect to the hydrologic and hydraulic models discussed at last week's meeting regarding SWM design for Barton Street in Stoney Creek. We were specifically looking for confirmation that CH is in agreement that we can use the 1989 MDP for watercourses 7.0 and 7.1 (in line with the approved approach for realignment of WC 7.0), as well as direction / provision of the models for WC 7.3, 9.0 and 12.

If you could either provide the requested information, or let us know when we can expect it, that would be greatly appreciated. We will need this information prior to being able to provide a scope change request and updated schedule to the City.

Many thanks,

Maria

Maria E. King, P.Eng.
Senior Project Engineer - Transportation
Direct: +1 (905) 335 2353 Ext. 3070
Mobile: +1 (905) 320-5386
www.woodplc.com



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From: Pearson, Maria < Maria. Pearson@hamilton.ca>

Sent: March 6, 2021 9:14 AM

To: Fazio, Margaret < <u>Margaret.Fazio@hamilton.ca</u>> **Cc:** Ceric, Maryana < <u>Maryana.Ceric@hamilton.ca</u>>

Subject: RE: Barton and Fifty Road Phases 3 and 4 EA - Planning for a Public Information Centre

Good morning Margaret. Thank you for your e-mail and information. Yes, I would like to meet with you through a webex meeting as soon as is conveniently possible to review this matter. Maria

MARIA PEARSON

Councillor - Ward 10 (Stoney Creek)

Office: (905) 546-2701
Cell: (905) 973-7418
Fax: (905) 546-2535
maria.pearson@hamilton.ca

From: Fazio, Margaret < Margaret. Fazio@hamilton.ca>

Sent: Tuesday, February 16, 2021 12:15 PM

To: Pearson, Maria < Maria. Pearson@hamilton.ca >

Cc: Ceric, Maryana < <u>Maryana.Ceric@hamilton.ca</u>>; Norman, Gavin < <u>Gavin.Norman@hamilton.ca</u>>

Subject: Barton and Fifty Road Phases 3 and 4 EA - Planning for a Public Information Centre

Good Morning Councillor Pearson,

We have the following update, questions and background on the above project:

1. We are planning for the Barton and Fifty Road Phases 3 and 4 EA - Virtual Public Information Centre.

Tentative date is June 17 p.m.. Please advise if this date would work for you.

2. Please note the study area here: https://www.hamilton.ca/city-planning/master-plans-class-eas/barton-street-and-fifty-road-improvements

3. PIC Plan:

- using Engage Hamilton website,
- placing a pre-recorded presentation of slides prior to the PIC,
- allowing 3 weeks for comments after the PIC.
- the PIC itself will have the presentation viewing first, and then time for Q&A for a total of 2 hours, with additional time available for individual Q&A outside of the PIC.
- **tentatively PIC time 5-7 p.m**. When we went out pre-COVID afternoon PICs seemed to be preferred by elder residents/before it gets dark, and also allowed residents to drop in when driving home from work. **Please advise if this should be changed.**
- 4. Please also note that we would like to meet with you well in advance of the PIC (to review PIC panels/information), before we meet with the Focus Group for this study, **tentatively during** the week of April 26th (will arrange a WebEx invitation separately).
- 5. Please see below the Focus Group members (vetted, when formed, with Cllr. B. Johnson) FYI:
 - a. Upon request from Cllr. Johnson we limited the number of Developer representatives, so Colin Chung and Steve Spicer take turns attending the Focus Group meetings (and keep each other informed).

b. Residents were chosen from those who resided within/close to the Study Area (~120m from centre line of study corridors).

Group	Sub-Group	Name	
Businesses	Chamber of Commerce	Pattie Hall, Executive Director	
	Developers- Glenn Schnarr		
	Developers	Steve Spicer	
	Commercial	Paul Johnson	
Schools	St. Gabriel's Elementary - Principal	Mike Laskowski	
	St. Gabriel's Elementary – Council Chair	Cheryl Giannini	
	Winona Public School Principal	Tim Illman	
	Winona Public School - Council Chair	Jen Vasconcelos	
Residents	Men	John Schrock	
	Women	Georgina Beattie Soni Chachad Stephanie Danek,	

Please let me know if you have any questions.

Thank you

Margaret Fazio, B.Sc., EP, MCIP, RPP

Senior Project Manager, Infrastructure Planning
Growth Management, Planning and Economic Development Department
City of Hamilton, 71 Main Street West, 6th Floor, Hamilton, ON, Canada, L8R 4Y5
Tel: 905-546-2424 ext. 2218; Fax: 905-540-5611; e-mail: Margaret.Fazio@hamilton.ca
DURING COVID, I am working remotely and can also be reached via Jabber, WebEx and Microsoft
Teams.

From: Fazio, Margaret < Margaret.Fazio@hamilton.ca>

Sent: Friday, June 4, 2021 4:21 PM

To: Mike Stone

Cc: Suggett, Jeff; Shams, Aniqa

Subject: Q for YOU RE: Barton and Fifty Road EA - Enclosing the Culvert on SE Quadrant - Hwy

8/Fifty

Attachments: Proposal to Hamilton Conservation Authority.pptx

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Hello Mike,

Hope that this message finds you well?

We are in the process of finalizing Barton and Fifty Road EA PIC materials and have a question related to intersection design at Fifty Road and Highway 8 (graphic attached). Please note the red shaded area would be beneficial for intersection configuration to be safer for pedestrian use. It means that we would effectively create one long curved culvert, starting at the south-west portion of the intersection and end at the north-east portion of the intersection.

Please let us know your thoughts by Monday, June 14, if possible, as the coming PIC is on June 17, and we would like to have this worked out for it.

P.S. we have a Final Draft Of the Natural Heritage Report – will send it separately, shortly.

Thank you, Margaret

Margaret Fazio, B.Sc., EP, MCIP, RPP

Senior Project Manager, Infrastructure Planning

Growth Management, Planning and Economic Development Department

City of Hamilton, 71 Main Street West, 6th Floor, Hamilton, ON, Canada, L8R 4Y5

Tel: 905-546-2424 ext. 2218; Fax: 905-540-5611; e-mail: Margaret.Fazio@hamilton.ca

<u>DURING COVID, I am working remotely and can also be reached via Jabber, WebEx and Microsoft</u> Teams.

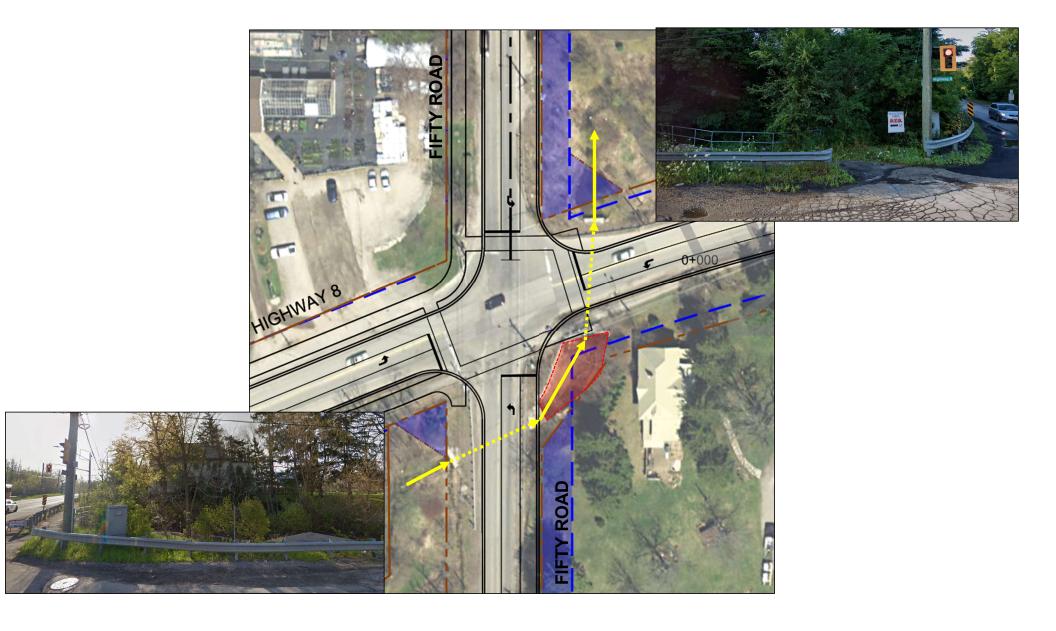












From: Fazio, Margaret < Margaret.Fazio@hamilton.ca>

Sent: Tuesday, June 15, 2021 2:46 PM **To:** Suggett, Jeff; Shams, Aniqa

Subject: FW: Hydro One Response: Barton St and Fifty Rd Improvements **Attachments:** 20210614-NoticeOfPIC1-Barton St and Fifty Rd Improvements .pdf

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Hello Aniqa and Jeff,

FYI and for our collective records, below and attached.

Thanks, Margaret

From: iplanning <iplanning@hamilton.ca>

Sent: June 15, 2021 7:40 AM

To: Fazio, Margaret < Margaret. Fazio@hamilton.ca>

Subject: FW: Hydro One Response: Barton St and Fifty Rd Improvements

From: Susan.SUN@HydroOne.com <Susan.SUN@HydroOne.com > On Behalf Of SecondaryLandUse@HydroOne.com

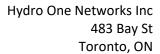
Sent: Monday, June 14, 2021 4:00 PM **To:** iplanning < iplanning@hamilton.ca>

Subject: Hydro One Response: Barton St and Fifty Rd Improvements

Please see the attached for Hydro One's Response.

Hydro One Networks Inc SecondaryLandUse@HydroOne.com

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June 14, 2021

Re: Barton St and Fifty Rd Improvements

Attention:
Margaret Fazio B.Sc., EP, MCIP, RPP
Senior Project Manager,
Infrastructure Planning City of Hamilton

Thank you for sending us notification regarding (Barton St and Fifty Rd Improvements). In our preliminary assessment, we confirm there are no existing Hydro One Transmission assets in the subject area. Please be advised that this is only a preliminary assessment based on current information.

If plans for the undertaking change or the study area expands beyond that shown, please contact Hydro One to assess impacts of existing or future planned electricity infrastructure.

Any future communications are sent to Secondarylanduse@hydroone.com.

Be advised that any changes to lot grading and/or drainage within proximity to Hydro One transmission corridor lands must be controlled and directed away from the transmission corridor.

Sent on behalf of,

Secondary Land Use
Asset Optimization
Strategy & Integrated Planning
Hydro One Networks Inc.

From: Fazio, Margaret < Margaret.Fazio@hamilton.ca>

Sent: Tuesday, June 15, 2021 3:53 PM

To: Susan.SUN@HydroOne.com; SecondaryLandUse@HydroOne.com

Cc: Suggett, Jeff; Shams, Aniqa

Subject: FW: Hydro One Response: Barton St and Fifty Rd Improvements **Attachments:** 20210614-NoticeOfPIC1-Barton St and Fifty Rd Improvements .pdf

CAUTION: External email. Please do not click on links/attachments unless you know the content is genuine and safe.

Hello,

Thank you for the attached response. The hydro line is recognized as part of our project – north side of Barton Street.

We anticipated that is my be moved north of its current position within the ROW. We intend for the northern side of this road to become fixed between the interim and ultimate condition, so that this move is carried out only once.

The details of the precise new location of the line will be determined during the subsequent/ detailed design process.

Thank you, Margaret

Margaret Fazio, B.Sc., EP, MCIP, RPP

Senior Project Manager, Infrastructure Planning

Growth Management, Planning and Economic Development Department City of Hamilton, 71 Main Street West, 6th Floor, Hamilton, ON, Canada, L8R 4Y5

Tel: 905-546-2424 ext. 2218; Fax: 905-540-5611; e-mail: Margaret.Fazio@hamilton.ca

<u>DURING COVID, I am working remotely and can also be reached via Jabber, WebEx and Microsoft Teams.</u>











From: iplanning <iplanning@hamilton.ca>

Sent: June 15, 2021 7:40 AM

To: Fazio, Margaret < Margaret. Fazio@hamilton.ca>

Subject: FW: Hydro One Response: Barton St and Fifty Rd Improvements

From: Susan.SUN@HydroOne.com <Susan.SUN@HydroOne.com > On Behalf Of SecondaryLandUse@HydroOne.com

Sent: Monday, June 14, 2021 4:00 PM **To:** iplanning <iplanning@hamilton.ca>

Subject: Hydro One Response: Barton St and Fifty Rd Improvements

Please see the attached for Hydro One's Response.

From: Suggett, Jeff

Sent: Friday, July 23, 2021 2:33 PM **To:** Loiacono, Johnpaul (MNRF)

Cc: Fazio, Margaret

Subject: RE: Barton Road and Fifty Road EA

Johnpaul,

Yes, we would welcome any comments you may have.

Best Regards,

Jeff Suggett, M. Sc.

Senior Manager, Integrated Mobility Solutions

Mobile: 905-380-3601 www.woodplc.com



From: Loiacono, Johnpaul (MNRF) < Johnpaul. Loiacono@ontario.ca>

Sent: Friday, July 23, 2021 11:50 AM

To: Suggett, Jeff <jeff.suggett@woodplc.com> **Cc:** Fazio, Margaret <margaret.fazio@hamilton.ca>

Subject: RE: Barton Road and Fifty Road EA

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Hello Jeff,

Please see the email below in Margaret's absence.

Thanks, Johnpaul

From: Loiacono, Johnpaul (MNRF)
Sent: July 23, 2021 11:47 AM
To: Margaret.Fazio@hamilton.ca

Subject: Barton Road and Fifty Road EA

Hello Margaret,

I am a planner with the NEC and I understand that comments for the Barton and Fifty EA are due today following the June 17 PIC. Can I ask that we are given until next week to submit some

preliminary comments? There are parts of the plan that fall within the NEP area and development control.

Thanks, Johnpaul

Johnpaul Loiacono

Senior Planner
Niagara Escarpment Commission
232 Guelph Street | Georgetown, ON | L7G 4B1
Tel: 289-924-1315 | Website: www.escarpment.org

Please let me know if you require communication supports or alternate formats.

In order to ensure a safe and secure environment for staff and clients and in response to recommendations by health professionals, the NEC offices are closed to the public until further notice. The NEC is continuing to provide services via email and telephone. Updates can be found on our website: https://www.escarpment.org/Commission/COVID19

From: Fazio, Margaret < Margaret.Fazio@hamilton.ca>

Sent: Monday, September 13, 2021 12:27 PM **To:** SecondaryLandUse@HydroOne.com

Cc: Susan.SUN@HydroOne.com; Suggett, Jeff; Shams, Aniqa

Subject: Barton and Fifty Road Phases 3 & 4 MCEA and CN Rail Crossing Phases 1 & 2 MCEA PIC

No 1- City of Hamilton Response to Hydro One Comments

Attachments: 2021-09-13 - Barton and Fifty Road EA - Response to Hydro One Comments on PIC #

1.pdf; 20210702-NoticeOfPIC1-Barton St and Fifty Rd Improvements .pdf; 19353.pdf

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Hello,

Please find attached our response to your letter of comments to the above Study's PIC No. 1 notice, together with Study Notice of PIC #1 and Corridor PDF, as provided in your letter.

Please let us know if you have further questions/wish to discuss. Thank you,

Margaret Fazio, B.Sc., EP, MCIP, RPP

Senior Project Manager, Infrastructure Planning

Growth Management, Planning and Economic Development Department

City of Hamilton, 71 Main Street West, 6th Floor, Hamilton, ON, Canada, L8R 4Y5

Tel: 905-546-2424 ext. 2218; Fax: 905-540-5611; e-mail: Margaret.Fazio@hamilton.ca

<u>DURING COVID, I am working remotely and can also be reached via Jabber, WebEx and Microsoft</u> Teams.













City of Hamilton
City Hall, 71 Main Street West
Hamilton, Ontario
Canada L8P 4Y5
www.hamilton.ca

Growth Management Division, Planning and Economic Development Department

Physical Address: 71 Main Street West, 6th Floor

Phone: 905.546.2424 Ext 2218 Fax: 905.540.5611

Email: iplanning@hamilton.ca

Joan Zhao
Hydro One Senior Real Estate Coordinator Hydro One
Networks Inc
483 Bay Street
Toronto, ON
SecondaryLandUse@HydroOne.com

September 13, 2021

Subject: Barton and Fifty Road Municipal Class Environmental Assessment Phases 3 and 4 EA and CN rail Crossing Phases 1 and 2 PIC No. 1 – Response to Hydro One Networks Inc. comments.

Dear Ms. Zhao,

Thank-you for your interest in the Municipal Class Environmental Assessment (MCEA) for Phase 3 and 4 Barton Street and Fifty Road Improvements and for the CN Rail Crossing Phase 1 and 2. I would like to invite you to review our roll plan (and revisit PIC slide deck, if desired) located on the City of Hamilton website at https://engage.hamilton.ca/bartonfiftyea. In the short term, we have identified the need to widen Fifty Road to a four-lane cross section with a 30.0 metre cross section (as per the Municipal Class Environmental Assessment (MCEA) for Phase 3 and 4 Barton Street and Fifty Road Improvements). Our preferred alignment for Fifty Road would result in property taking on the east side of Fifty Road within the Hydro Transmission Corridor (by approximately 3.0 m). However, the property taking would still result in an approximately 10 metre clearance to the base of the transmission tower located on the east side of Fifty Road just north of the CN rail line. The widening of Fifty Road will not reduce line clearances or limit access to your infrastructure.

We also evaluated the future potential need to grade separate Fifty Road at the railway crossing (CN Rail Crossing Phase 1 and 2). Subject to a future MCEA, our preliminary alternative for the Fifty Road crossing would be to build an underpass for Fifty Road. Retaining walls would be built on either side of Fifty Road. As a result, we do not anticipate the need for any additional property taking at this location as a result of the grade separation, however, that will be the subject of a Phase 3 and 4 MCEA specific to the CN Rail Crossing.

Please do not hesitate to contact me at margaret.fazio@hamilton.ca or at the below phone number.

Sincerely,

WS.

Margaret Fazio. B.Sc., E.P., RPP, MCIP Senior Project Manager, Infrastructure Planning, Planning and Development Department, City of Hamilton, Tel: 905-546-2424 Ext.2218

cc. Jeff Suggett, M. Sc.

Senior Manager, Integrated Mobility Solutions

Mobile: 905-380-3601 www.woodplc.com

From: Scott Beaudrie <scott.beaudrie@alectrautilities.com>

Sent: Friday, September 24, 2021 2:03 PM

To: Fazio, Margaret

Cc: Suggett, Jeff; Shams, Aniga

Subject: RE: Request for confirmation of ownership of Power line along Barton Street in Stoney

Creek - Barton and Fifty Road Municipal Class Environmental Assessment (EA) road

corridor

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Hi Margaret,

Yes Mark is still the contact for these projects, I have forwarded him your email below.

I have placed his contact information below as well.



Mark Jakubowski, A.Sc.T. Supervisor, Design, Customer Capital

55 John St N. Hamilton, ON L8R 3M8









Thanks Scott



Scott Beaudrie Supervisor, Engineering Design







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From: Fazio, Margaret < Margaret. Fazio@hamilton.ca>

Sent: Friday, September 24, 2021 12:43 PM

To: Scott Beaudrie <scott.beaudrie@alectrautilities.com>

Cc: jeff.suggett@woodplc.com; Shams, Aniqa <aniqa.shams@woodplc.com>

Subject: Request for confirmation of ownership of Power line along Barton Street in Stoney Creek - Barton and Fifty Road Municipal Class Environmental Assessment (EA) road corridor

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Hi Scott,

The City of Hamilton has a project along Barton Street, between Fruitland Road and Fifty Road, which will likely be impacting the power line along it.

Could you please confirm Alectra's ownership of this line? The project map can be found on the main project web page:

https://www.hamilton.ca/city-planning/master-plans-class-eas/barton-street-and-fifty-road-improvements

We will have circulated Alectra on this project to date, but have not received any comments. We would appreciate if you could confirm that the below is still the correct contact for this type of project for Alectra:

Jakubowski	Mark	Mr.	Supervisor,	Alectra	55	Hamilton, ON	L8R	905-798-2814
			Design,	Utilities	John		3M8	mark.jakubowski@
			Customer	Corporation	Street			
			Capital	•	North,			
			·		3rd			
					Floor			

Thank you,

Margaret Fazio, B.Sc., EP, MCIP, RPP

Senior Project Manager, Infrastructure Planning

Growth Management, Planning and Economic Development Department

City of Hamilton, 71 Main Street West, 6th Floor, Hamilton, ON, Canada, L8R 4Y5

Tel: 905-546-2424 ext. 2218: Fax: 905-540-5611; e-mail: Margaret, Fazio@hamilton.ca

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Collective Ownership Steadfast Integrity Courageous Change Sensational Services Engaged Empowered Employees

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From: Suggett, Jeff

Sent: Friday, October 8, 2021 7:18 AM

To: Shams, Aniqa

Subject: FW: Barton and Fifty Road Improvements EA - meeting dates and times

Attachments: Hydro One Technical Review Form_fillable.pdf; IO_LandSaleProcess.pdf; barton-fifty-ea-

pic1-rolloutplan1.pdf

Jeff Suggett, M. Sc.

Senior Manager, Integrated Mobility Solutions

Mobile: 905-380-3601 www.woodplc.com



From: ZHAO Joan <Joan.Zhao@HydroOne.com>

Sent: Thursday, October 7, 2021 6:26 PM

To: MATEV Matey <Matey.MATEV@HydroOne.com>; Fazio, Margaret <Margaret.Fazio@hamilton.ca> **Cc:** Suggett, Jeff <jeff.suggett@woodplc.com>; CURRIE J. Brent <J.Brent.Currie@HydroOne.com>; ZHAO Joan

<Joan.Zhao@HydroOne.com>

Subject: RE: Barton and Fifty Road Improvements EA - meeting dates and times

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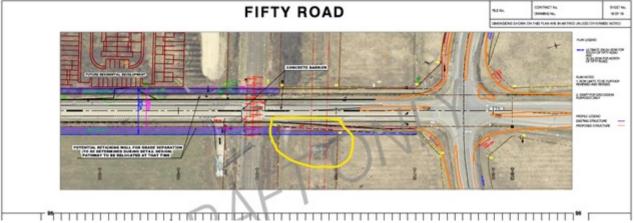
Hi Margaret,

As per our WebEx meeting today, please find attached IO's land sale process and HONI's technical review form. You will receive update response letter to City EA circulation from the Secondary Land Use.

Below is a summary of notes that I took from our brief discussion today.

- The Hydro corridor on the east and west sides of Fifty Road abutting railway lands are Bill 58 lands, owned by Infrastructure Ontario, subject to Hydro One's statutory easement rights. HONI is the primacy user of the corridor lands.
- City proposed grade separate at this location will affect HONI Transmission corridor. HONI has no distribution lines in the vicinity. Alectra is not affiliated with HONI. City needs to contact Alectra for the impact on distribution lines.
- The widen of the Fifty road (based on the current design) will trigger an IO lands sale process, including HONI review and approval from technical perspective, as well as following IO requirement (EA checklist and Order in Council). Please refer to the attached the attached for land sale process.
- City is required to obtain an IO temporary licence if need to get on the corridor lands, say borehole testing etc.

• As per the drawing City published on its website, Brent indicated it appears that widening will affect HONI transmission corridor on east side of Fifty Road. (I access to City's website after the meeting, see section copy of page 19 of 20 in "barton-fifty-eaic10rolloutplan1.pdf).



- HONI Tower# 200 of Q2AH/H9W (yellow circled) is close to Fifty Rd to the east. Matey indicated typically HONI
 needs 15m radius around tower for our maintenance activities or at least maintain what HONI have got. The
 proposed 3.5m land leaves less space for HONI. Matey pointed this out and suggested that City may consider to
 do widening on the west side of Fifty Rd.
- A tower relocation might be an alternative option to accommodate City's project, however it is costly for City, at approximate \$1million per tower.
- City (Margaret) mentioned it is a long process for Barton Street/Fifty Road Improvements, it may take several years to get to it.
- Joan mentioned it takes time to process a sale application. HONI review for each submission could take up to 10 weeks. City might want to submit an application earlier and to get HONI's formal feedback.

If anyone has anything else to add or comment on above, please rely to this email.

Thank you,

Joan Zhao SR/WA Sr. Real Estate Coordinator Facilities & Real Estate Hydro One Networks Inc. C: (416) 573-7987| F: (905) 946-6242

P.O. Box 4300 | Markham ON | L3R 5Z5 Courier: 185 Clegg Road | Markham ON | L6G 1B7

joan.zhao@hydroone.com

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From: MATEV Matey < MATEV@HydroOne.com>

Sent: Tuesday, September 21, 2021 11:43 AM **To:** Fazio, Margaret < Margaret. Fazio@hamilton.ca>

Cc: <u>jeff.suggett@woodplc.com</u>; CURRIE J. Brent < <u>J.Brent.Currie@HydroOne.com</u>>; ZHAO Joan

<Joan.Zhao@HydroOne.com>

Subject: RE: Barton and Fifty Road Improvements EA - meeting dates and times

Hi Margaret

Lets take October 7 1030-11am Would you be sending a meeting invite or you would like me to? The attendees from our side are Joan, Brent (both cc'd) and myself

Thanks Matey

From: Fazio, Margaret < Margaret. Fazio@hamilton.ca>

Sent: Tuesday, September 21, 2021 11:34 AM

To: MATEV Matey < Matey. MATEV@HydroOne.com>

Cc: jeff.suggett@woodplc.com; CURRIE J. Brent < J.Brent.Currie@HydroOne.com>; ZHAO Joan

<Joan.Zhao@HydroOne.com>

Subject: RE: Barton and Fifty Road Improvements EA - meeting dates and times

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Hi Matey,

No problem. Here is our availability beyond October 5:

October 6 – p.m.

October 7 – 9-11 a.m. and 3-4:30 p.m.

October 8 – p.m.

I'm off the following week – after Thanksgiving weekend, but hope we can meet beforehand.

Please advise if any of the above will work for you.

Thanks, Margaret

From: Matey.MATEV@HydroOne.com <Matey.MATEV@HydroOne.com>

Sent: September 21, 2021 11:21 AM

To: Fazio, Margaret < Margaret. Fazio@hamilton.ca >

Cc: jeff.suggett@woodplc.com; J.Brent.Currie@HydroOne.com; Joan.Zhao@HydroOne.com

Subject: RE: Barton and Fifty Road Improvements EA - meeting dates and times

Hi Margaret

Thank you for the availability information.

Unfortunately Joan is on vacation Sept 27 to Oct 5.

So the dates below would not work for her schedule and she needs to be present.

Could you please advise of alternative dates outside the window above?

Thanks

Matey

From: Fazio, Margaret < Margaret. Fazio@hamilton.ca>

Sent: Tuesday, September 21, 2021 9:20 AM

To: MATEV Matey < Matey. MATEV@HydroOne.com>

Cc: jeff.suggett@woodplc.com; CURRIE J. Brent < J.Brent.Currie@HydroOne.com>; ZHAO Joan

<Joan.Zhao@HydroOne.com>

Subject: RE: Barton and Fifty Road Improvements EA - meeting dates and times

*** Exercise caution. This is an EXTERNAL email. DO NOT open attachments or click links from unknown senders or unexpected email. ***

Good morning Matey,

Your offer to meet is much appreciated.

Our availability is as follows:

Wednesday, September 29th – after 2:30 pm Friday, October 1st – 10am and noon or PM anytime Monday, October 4th – 3 pm – 4 pm Tuesday, October 5th – after 2 p.m.

Please let us know if any of the above work for you. If not we'll provide additional options. Also, which platform is better for you – WebEx or Microsoft Teams?

Thank you,

Margaret Fazio, B.Sc., EP, MCIP, RPP

Senior Project Manager, Infrastructure Planning

Growth Management, Planning and Economic Development Department

City of Hamilton, 71 Main Street West, 6th Floor, Hamilton, ON, Canada, L8R 4Y5

Tel: 905-546-2424 ext. 2218; Fax: 905-540-5611; e-mail: Margaret.Fazio@hamilton.ca

<u>DURING COVID, I am working remotely and can also be reached via Jabber, WebEx and Microsoft</u> Teams.

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From: Matey.MATEV@HydroOne.com <Matey.MATEV@HydroOne.com>

Sent: September 20, 2021 11:08 AM

To: Fazio, Margaret < Margaret. Fazio@hamilton.ca>

Cc: jeff.suggett@woodplc.com; J.Brent.Currie@HydroOne.com; Joan.Zhao@HydroOne.com

Subject: RE: Barton and Fifty Road Improvements EA

Good morning Margaret

Perhaps a clarification would be helpful here.

The letter referenced below was sent to the our general mailbox and we are in receipt of it. I have shared it with Joan.

Given the request in the letter and the comment you have below (in yellow), we would like to have a short discussion to confirm that we are discussing the same assets and what could be possible.

Could you please provide several dates/times which your team is available for 30 min call in the next week or two?

Thanks Matev

From: ZHAO Joan < <u>Joan.Zhao@HydroOne.com</u>>
Sent: Monday, September 20, 2021 10:20 AM
To: Fazio, Margaret < <u>Margaret.Fazio@hamilton.ca</u>>

Cc: Suggett, Jeff <jeff.suggett@woodplc.com>; MATEV Matey <Matey.MATEV@HydroOne.com>

Subject: RE: Barton and Fifty Road Improvements EA - Q for YOU

It a bit odd, the letter was addressed to me, but I did not receive it.

What comment did you receive from Hydro One? I can't help you without knowing which Hydro Line you were refereeing to? Who owns the line.

Thanks,

Joan Zhao SR/WA
Sr. Real Estate Coordinator
Facilities & Real Estate
Hydro One Networks Inc.
C: (416) 573-7987| F: (905) 946-6242
P.O. Box 4300 | Markham ON | L3R 5Z5
Courier: 185 Clegg Road | Markham ON | L6G 1B7
joan.zhao@hydroone.com

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From: Fazio, Margaret < Margaret. Fazio@hamilton.ca>

Sent: Monday, September 20, 2021 9:23 AM **To:** ZHAO Joan < <u>Joan.Zhao@HydroOne.com</u>> **Cc:** Suggett, Jeff < jeff.suggett@woodplc.com>

Subject: RE: Barton and Fifty Road Improvements EA - Q for YOU

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Joan.

The project proposes to widen both sides of the road/ROW. We would need to move the hydro line a little bit north, within the ROW (once), while the south side will be widened twice over time.

This is the project background, as presented at PIC: https://engage.hamilton.ca/bartonfiftyea It is difficult to place the hydro line in Streetmix, but we recognize the line is there – above ground. We intend on keeping it above ground.

Please let us know if you have any questions or concerns, beyond the Q&A received to date.

Thanks, Margaret

Margaret Fazio, B.Sc., EP, MCIP, RPP

Senior Project Manager, Infrastructure Planning
Growth Management, Planning and Economic Development Department
City of Hamilton, 71 Main Street West, 6th Floor, Hamilton, ON, Canada, L8R 4Y5
Tel: 905-546-2424 ext. 2218; Fax: 905-540-5611; e-mail: Margaret.Fazio@hamilton.ca
DURING COVID, I am working remotely and can also be reached via Jabber, WebEx and Microsoft Teams.

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From: ZHAO Joan <Joan.Zhao@HydroOne.com>

Sent: September 20, 2021 9:17 AM

To: Fazio, Margaret < Margaret. Fazio@hamilton.ca >

Subject: RE: Barton and Fifty Road Improvements EA - Q for YOU

Margaret,

No, I did not receive a letter recently, but I saw it from other team (via screen). Where will this project take place? South side or north side of Barton St./Fifty Rd?

Thanks,

Joan Zhao SR/WA
Sr. Real Estate Coordinator
Facilities & Real Estate
Hydro One Networks Inc.
C: (416) 573-7987| F: (905) 946-6242
P.O. Box 4300 | Markham ON | L3R 5Z5

Courier: 185 Clegg Road | Markham ON | L6G 1B7

joan.zhao@hydroone.com

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From: Fazio, Margaret < Margaret. Fazio@hamilton.ca>

Sent: Monday, September 20, 2021 8:49 AM **To:** ZHAO Joan <Joan.Zhao@HydroOne.com>

Subject: Barton and Fifty Road Improvements EA - Q for YOU

*** Exercise caution. This is an EXTERNAL email. DO NOT open attachments or click links from unknown senders or unexpected email. ***

Hi Joan,

Just checking if you have been reached by our letter sent last week to HONI offices general e-mail box in response to comments received in July from Hydro One on our PIC materials?

Thanks,

Margaret Fazio, B.Sc., EP, MCIP, RPP

Senior Project Manager, Infrastructure Planning Growth Management, Planning and Economic Development Department City of Hamilton, 71 Main Street West, 6th Floor, Hamilton, ON, Canada, L8R 4Y5 Tel: 905-546-2424 ext. 2218; Fax: 905-540-5611; e-mail: Margaret.Fazio@hamilton.ca



Hydro One Secondary Land Use Technical Review Requirements and Completeness Checklist

This form must be completed and submitted to the appropriate Hydro One Real Estate Coordinator for all secondary land use proposals.

Each of the requirements below must be included in the submission (where applicable). If any of the items below is not checked the submitted plans will not be circulated for technical review, unless a valid reason is provided in the "Notes" column.

SLU Proposal Details					
Applicant Name:					
Mailing Address:			Phone Number(s):		
			Email:		
-	Property Location (Address/Intersection):				
Description of Secondary Land Use:					
Plan/Drawings Number and Dates:					
Drawing/Plan Completeness Checklist					
			Notes		
		Drawings, Plans and	Maps Requirements		
	Cover letter providing detailed description of the project				
	A key map showing the Proponent's overall project area				
Plan-view drawing(s) (see specific requirements below)					
	Profile/sectional-view drawing(s) (see specific requirements below)				
		Plan-View Drawing F	Requirements		
All existing and proposed works/infrastructure on the transmission corridor shown and clearly labeled					
	Hydro One transmission corridor boundaries shown in colour				
	All transmission structures affected by the proposal shown and clearly labeled				
_	6 m access route through the corridor shown in colour				



15 m maintenance exclusion zones around each affected tower	
(measured from the face of the tower legs) shown in colour	
10 m construction exclusion zones around each affected tower	
(measured from the face of the tower legs) shown in colour	
Distances between the tower legs and any proposed	
works/infrastructure on the corridor shown and clearly labeled	
Cross-sections clearly labeled	
Legend(s)	
For resubmissions, any changes from previous submissions are clearly	
marked/labeled	

Profile/Sectional-view Drawing Requirements				
Existing and proposed elevations shown in different colours and				
clearly labeled				
Any proposed works/infrastructure clearly labeled				
All applicable heights clearly shown and clearly labeled				
Hydro One transmission corridor boundaries shown in colour				
All transmission structures affected by the proposal shown and	clearly			
labeled				
Distances between affected transmission structures and any				
proposed works/infrastructure shown and clearly labeled				
10 m and 15 m exclusion zones from each transmission tower				
leg shown in colour				
Legend(s)				



SECONDARY LAND USE PROPOSAL SUBMISSION REQUIREMENTS IN AND AROUND HYDRO ONE TRANSMISSION CORRIDORS

Hydro One strives to work with proponents to review secondary land use proposals on the ROWs to ensure they are compatible with the safety and maintenance requirements of its high-voltage equipment. The Hydro One transmission network can consist of steel lattice towers, monopoles, twin wood poles, overhead conductors and underground cable ducts. Our transmission lines conduct electricity at 115kV, 230kV or 500kV.

Technical reviews for each proposal must be completed by Hydro One. These reviews may require several weeks or months to complete depending on the complexity of the proposal. Currently our turnaround time is about 12 – 16 weeks. Resubmissions may require the same timelines. Hydro One technical reviews must be approved and occupation agreements in place prior to any construction work. Detailed drawings that need to be submitted include: site plan, grading, drainage, lighting, landscaping, signage (including any other above grade structures) and profiles for underground works. Additional drawings may be requested but please do not send them to us unless we have asked for them.

To effectively review and provide comments, your proposal must include the following information:

- <u>LAND/EASEMENT PROPERTY LINES</u>: On the site plans indicate and label property lines of the Hydro One right-of-way in RED. Label the ROW as Hydro One Transmission (not Open Space).
- <u>HYDRO ONE STRUCTURES</u>: Illustrate and label all Hydro One structures and the overhead centreline of the towers. The Real Estate Coordinator can provide Hydro One structure numbers.
- <u>GRADES and DRAINAGE</u>: Indicate existing and proposed grades. Grading changes must not result in standing water anywhere along the corridor, and especially not within 15 metre radial zone of transmission structures.
- MAINTENANCE ACCESS ROUTE: Indicate and label a 6 metre wide Hydro One maintenance access route to each Hydro
 One structure.
- MAINTENANCE ZONE and CONSTRUCTION EXCLUSION ZONE: Indicate and label a 15 metre radial maintenance work zone and a 10.0 metre radial construction exclusion zone around each Hydro One structure measured from the tower footings. If any proposed infrastructure is contemplated within this 15 metre zone, the distance from the edge of the proposed infrastructure to the edge of the nearest tower footing must be shown.
- <u>LIGHTING</u>: Keep lighting as far away from our circuits as possible, toward the outer edge of the corridor. The locations and the height of each light post must be clearly illustrated and described.
- <u>LANDSCAPING</u>: Plantings which grow to a maturity height over 3 metres are not permitted on the ROW. Hydro One has a *Compatible Species List* which can be provided.
- <u>RESUBMITTED DRAWINGS</u>: If a resubmission of drawings is required, the revised drawings must include "bubbles" over the areas where changes were made to help us identify the areas that need to be reviewed.

Contact Hydro One Real Estate Services at 1.888.231.6657 for the Real Estate Coordinator for your municipality. The Real Estate Coordinator arranges for Hydro One review of your proposal, advises of documentation and prepares the Agreements.



TECHNICAL CONSIDERATIONS FOR SECONDARY LAND USE PROPOSALS ON HYDRO ONE TRANSMISSION CORRIDORS

Your project may involve proposed works on Hydro One electrical transmission corridors or rights-of-way (ROW). Hydro One will work with proponents to review secondary land use proposals on the ROWs to ensure that they are compatible with the safety and maintenance requirements of its high-voltage equipment. The Hydro One transmission network can consist of steel lattice towers, monopoles, twin wood poles, overhead and underground conductors, etc.

When preparing a proposal, there are a number of technical considerations that should be kept in mind. A number of these are outlined below. Please note that this is not intended to be a comprehensive list of requirements, but aims to serves as a guideline to prepare a proposal. Reviews for each proposal are conducted individually by Hydro One and may require several weeks or months to complete depending on the complexity of the proposal.

Technical Considerations:

Grading, Drainage and Stormwater Management

- o Grading changes must not result in standing water anywhere along the corridor, and especially not within the 15 metre radial zone of transmission structures.
- No fill material may be placed on the ROW without written approval from Hydro One.
- o Catch basins that are not positioned within a paved roadway are not permitted.
- Stormwater management (SWM) ponds placed under 115 and 230 kV transmission lines cannot exceed two-thirds of the corridor width.
- o SWM ponds under 500 kV transmission lines cannot exceed one-third of the corridor width.
- SWM ponds must be designed to withstand the effects of 100-year storm conditions.

Roads and Parking

- Roads crossing the ROW should be perpendicular to the hydro corridor.
- o Roads off ROW should stay 15 metre clear of transmission structures.
- Curb cuts or access gates should be provided for Hydro One maintenance vehicles.
- o Parking facilities on 115 kV and 230 kV ROWs should be restricted to passenger vehicles only. Large truck and trailer parking is generally not permitted.
- o Parking facilities are generally not permitted under 500 kV ROWs.
- o Transmission towers near roads and parking areas must be protected by standard highway barriers.

Vertical Clearances

- Transmission conductors (wires) are dynamic in nature. They can sag lower to the ground depending on parameters such as ambient temperature and operating conditions.
- Minimum vertical clearances must be maintained from the maximum design sag levels of the conductors (worst-case scenario). Hydro One will review these clearances as they are case-specific and not immediately apparent by observation alone.

Access to Structures

- An unhindered, minimum 6-metre wide access path to facilities on the corridor must be provided for maintenance vehicles.
- A 15 metre clear working radius around transmission structures is required in order to maintain access for vehicles carrying out routine maintenance.
- o A 3 metre radius around each tower footing must be left unpaved for access to the footing.



Pipelines & Underground Facilities

- All underground facilities must be designed to withstand the loading conditions created by heavy maintenance vehicles that may be used by Hydro One.
- o The ROW must be restored to pre-construction condition once the project is completed.
- Excavation using heavy machinery is prohibited within 10 metres of tower footings to protect foundations. Within
 10 metres, excavation must be carried out by hand or by use of a VAC system.
- o Pipelines on ROWs must adhere to the provisions of CSA Standard C22.3 No. 6.

Landscape Plantings

o Plantings which grow to a maturity height over 3 metres are not permitted on the ROW. Hydro One has a 'Compatible Species List' which will be provided as applicable. It must be noted that plantings should not be planted in such a way as to impede access to the transmission towers. An area of 15 metres around transmission towers should be kept clear of shrubs to permit Hydro One access to towers.

Other Requirements

- o Buildings and permanent structures are not permitted on corridor lands.
- o Flammable or hazardous materials may not be stored on ROWs.
- Consideration should be given to minimizing the use of conductive (metallic) material where alternatives exist (e.g. fences).
- The proponent is responsible for all costs of modifying, relocating, or monitoring Hydro One assets as a result of the proposal.
- o Grounding studies, induction studies, spark discharge and / or step touch potential studies may be required to confirm that the proposal will not conflict with the Hydro One electrical infrastructure.

Property Rights: Who is the landowner?

- Transmission corridor lands can be owned by private landowners, Municipalities, Province of Ontario (Infrastructure Ontario), railway companies, and First Nations and Métis communities.
- Hydro One Networks Inc. owns the transmission components/network.
- Hydro One Networks Inc. has rights either registered on land title or by legislation to operate the transmission network.

Property Rights: What Agreements do you require?

Contact Hydro One Real Estate Services at 1.888.231.6657 for the Real Estate Coordinator for your municipality. The Real Estate Coordinator arranges for Hydro One review of your proposal, advises of documentation and prepares the Agreements.





Ontario Infrastructure and Lands Corporation Operating Land Sale Process -- Public Uses

Land sales involving former Hydro One owned corridor lands must be direct transfers from the Province as represented by Ontario Infrastructure and Lands Corporation (OILC), which is also known as Infrastructure Ontario (IO) to either a municipality or a Provincial Ministry. Hydro One will still retain its statutory easement rights over the lands being transferred.

The Provincial Secondary Land Use Program (PSLUP) permits compatible "secondary" uses on corridor lands. Secondary uses are those uses which can coexist with the safe and efficient operation of Hydro One's transmission and distribution businesses. These uses are based on approved public use principles as set out in the policy and guidelines of the PSLUP.

To initiate a land sale under the PSLUP, the proponent must submit a written proposal with the following information:

- State the proposed secondary land use for which a land sale is being sought.
- Provide the proponent's legal name/company name, contact name, phone and fax numbers, address for legal notification.
- A key map of the neighbourhood/area where the property is located.
- Include a concept drawing locating the proposed lands to be transferred; identify the corridor property lines relative to the proposed transfer and include all Hydro facilities (towers, poles, etc.); provide approximate area to be transferred (ie. 0.25 acre subject to survey).
- Provide the legal description of the portion of the corridor lands required (ie. Lot, Concession and name of original geographic boundary) and provide a property abstract such as the PIN sheet.
- Submit the required Engineering Review Fee (ERF).

Engineering Review Fee (ERF)

An Engineering Review Fee (ERF) of \$1,250 + HST are charged for processing a land sale to a municipality or Provincial Ministry. If the project is considered "developer driven", then the ERF is \$2,500 + HST. This **non-refundable fee** should be made payable to "Ontario Infrastructure and Lands Corporation" and it is intended to offset costs incurred in reviewing the proposal. The fee is based on reviewing a typical proposal; however, if additional engineering input or further internal or external expertise is required, then the proponent will be charged accordingly. The ERF is payable at the time the signed Agreement of Purchase and Sale is submitted to Hydro One for final processing.

Property Management Proposal (PMP)

After Hydro One receives the above information, a Property Management Proposal (PMP) describing the proposed use is circulated to IO and a number of Hydro One stakeholders





for review and comments. IO circulates it to other Provincial bodies such as its planning specialist, the Ministry of Environment, etc.

Hydro One stakeholders review and comment from a technical perspective with a focus on how the proposed use impacts the assets. To obtain Hydro One's final technical approval, the proponent must submit four (4) full size **folded** copies of a grading and drainage plan, a composite utility plan, landscape plan, and a lighting plan if lighting is required. The plans should show the property lines of the corridor, and any Hydro One structures in the vicinity. There may be further requirements for cross-sections, elevation etc. which will be assessed during the review process. The result of this technical review will be a Terms and Conditions letter identifying all Hydro One comments and/or approval.

NOTE: An order-in-council (OIC) is required by IO in order for the sale to be transferred from Her Majesty the Queen in right of Ontario. The OIC process usually occurs only once or twice per year and is initiated and managed by IO. Property transactions appearing on the list have a 15-month period for completion.

Environmental Assessment (EA)

An Environmental Assessment that complies with IO's requirements is required for the lands to be transferred. This assessment will be undertaken at the proponent's cost. If the proponent already has an environmental consultant, the chosen consultant's name, email and telephone number should be forwarded to Hydro One for direct contact with IO's Environmental Coordinator.

Valuation of Land

A land value appraisal will be required. Before commencing the appraisal work, the appraiser must contact IO's appraiser for the terms of reference. The appraisal is completed at the proponent's expense and typically takes place later in the process. Hydro One will require delivery of THREE copies of the appraisal report for review. The effective date of the appraisal must be within six (6) months of the date of transfer. One of the conditions in the Agreement of Purchase and Sale is IO obtaining an Order-in-Council for the land sale.

Survey and Legal Costs

Prior to signing the Agreement of Purchase and Sale, the proponent must provide a Plan of Survey, at the proponent's expense, which identifies the Parts to be transferred with a Schedule indicating the area of each Part. Eight (8) copies (folded) of the survey are required for circulation and the final submission package.

All legal costs incurred by the Transferor's solicitor, inclusive of disbursements and H.S.T., as they pertain to the sale of land and completion of the transaction are also borne by the proponent.

No Access Until Easement is Registered

Construction activity on IO owned Hydro One transmission corridor lands <u>must not</u> commence until the sale has been completed and a pre-construction on-site meeting with Hydro One technical staff has taken place.

From: Fazio, Margaret < Margaret.Fazio@hamilton.ca>

Sent: Friday, October 8, 2021 9:16 AM **To:** ZHAO Joan; MATEV Matey

Cc: Suggett, Jeff; CURRIE J. Brent; Shams, Aniqa

Subject: RE: Barton and Fifty Road Improvements EA - October 7, 2021 Meeting Notes and

Comments

CAUTION: External email. Please do not click on links/attachments unless you know the content is genuine and safe.

Hi Joan et al,

Thank you for the meeting, the notes and the attachments.

Just some points of clarification:

- 1. Our project process is fulfilling the direction of the Fruitland-Winona Secondary Plan, however, we are following the Municipal Class Environmental Assessment process for the Fifty Road Widening (Phases 3 & 4 = 30% Design) and for the CNR crossing (Phases 1 & 2). Phases 3 & 4 EA will need to follow for the CNR Crossing to provide 30% design/fine tune the location of the crossing. Detailed Design process follows the EA process and will provide 100% design detail.
- 2. The City of Hamilton is proposing to widen the road to the east due to other constraints on the west, south of the CNR line/HONI line/IO lands; the south Service Road corridor is very close and recently reconstructed/set. The timeline for detailed design process and implementation is that the widening may take about 10 years to proceed, and the grade separation may take longer. The latter is dependent on the cross-product between the number of trains crossing Fifty Road and cars needing to cross the CNR corridor.

You mentioned during the meeting that we may need to start a "formal file" sooner rather than later with HONI/IO. (We didn't ask this at the time):

Do we need to start a formal file, in order to make HONI formally aware of our proposed project, i.e. in case you were doing any of your own changes to the corridor within the above time period, and could keep our needs in mind? Are the drawings from our current project process be sufficient for that? Otherwise, we will need to wait until the Detailed Design process in order to provide the level of detail that appears to be needed in the forms/descriptions for the technical review.

Thank you,

Margaret Fazio, B.Sc., *EP, MCIP, RPP*

(She/her)

Senior Project Manager, Infrastructure Planning

Growth Management, Planning and Economic Development Department

City of Hamilton, 71 Main Street West, 6th Floor, Hamilton, ON, Canada, L8R 4Y5

Tel: 905-546-2424 ext. 2218; Fax: 905-540-5611; e-mail: Margaret.Fazio@hamilton.ca

<u>DURING COVID, I am working remotely and can also be reached via Jabber, WebEx and Microsoft</u> Teams.

From: ZHAO Joan <Joan.Zhao@HydroOne.com>

Sent: Friday, October 8, 2021 5:41 PM **To:** Fazio, Margaret; MATEV Matey

Cc: Suggett, Jeff; CURRIE J. Brent; Shams, Aniqa

Subject: RE: Barton and Fifty Road Improvements EA - October 7, 2021 Meeting Notes and

Comments

CAUTION: External email. Please do not click on links/attachments unless you know the content is genuine and safe.

Hi Margaret,

The revised letter you are expecting to receive from SLU is a general EA comment in reply to City's EA circulation. It confirms that through our preliminary assessment, the project will affect HONI transmission plant and only provide a general guidance as to HONI's requirements. In any case, HONI must be consulted during all stages of the project.

However City is looking for HONI preliminary comment for this particular site, it is in your interest to provide enough information so Real Estate could trigger a Property Management Proposal (PMP) by creating a file. PMP will engage the responsible HONI stakeholders to review and provide HONI formal feedback for this particular site. In addition, if City needs land from IO, you would also need to follow IO's environment assessment requirements, handled by the IO environmental specialist. IO would also look for a HONI file# so we can get you officially connect with IO for IO EA requirements.

Hydro file is a unique identification which will help track communications/correspondences of the parties.

Thanks,

Joan Zhao SR/WA

Sr. Real Estate Coordinator
Facilities & Real Estate
Hydro One Networks Inc.
C: (416) 573-7987| F: (905) 946-6242
P.O. Box 4300 | Markham ON | L3R 5Z5
Courier: 185 Clegg Road | Markham ON | L6G 1B7
joan.zhao@hydroone.com

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From: Fazio, Margaret < Margaret. Fazio@hamilton.ca>

Sent: Friday, October 8, 2021 9:16 AM

To: ZHAO Joan <Joan.Zhao@HydroOne.com>; MATEV Matey <Matey.MATEV@HydroOne.com> **Cc:** jeff.suggett@woodplc.com; CURRIE J. Brent <J.Brent.Currie@HydroOne.com>; Shams, Aniqa

<aniqa.shams@woodplc.com>

Subject: RE: Barton and Fifty Road Improvements EA - October 7, 2021 Meeting Notes and Comments

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Hi Joan et al.

From: Fazio, Margaret < Margaret.Fazio@hamilton.ca>

Sent: Monday, October 18, 2021 10:35 AM

To: SECONDARY LAND USE Department; iplanning

Cc: ZHAO Joan; Suggett, Jeff; Shams, Aniqa

Subject: RE: Hydro One Response: 20211015-NoticeOfPIC1-Barton St and Fifty Road

Improvements

CAUTION: External email. Please do not click on links/attachments unless you know the content is genuine and safe.

Hello,

Thank you for your response.

Margaret

Margaret Fazio, B.Sc., EP, MCIP, RPP (She/her)

Senior Project Manager, Infrastructure Planning Growth Management, Planning and Economic Development Department City of Hamilton, 71 Main Street West, 6th Floor, Hamilton, ON, Canada, L8R 4Y5 Tel: 905-546-2424 ext. 2218; Fax: 905-540-5611; e-mail: Margaret.Fazio@hamilton.ca DURING COVID, I am

----Original Message----

From: SUN Susan <Susan.SUN@HydroOne.com> On Behalf Of SECONDARY LAND USE Department

Sent: October 15, 2021 11:14 AM

To: iplanning <iplanning@hamilton.ca>; Fazio, Margaret <Margaret.Fazio@hamilton.ca> Cc: ZHAO Joan <Joan.Zhao@HydroOne.com>; SECONDARY LAND USE Department

working remotely and can also be reached via Jabber, WebEx and Microsoft Teams.

<SecondaryLandUse@HydroOne.com>

Subject: Hydro One Response: 20211015-NoticeOfPIC1-Barton St and Fifty Road Improvements

Please see the attached for Hydro One's Response.

Hydro One Networks Inc SecondaryLandUse@HydroOne.com

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October 15, 2021

Re: Barton St and Fifty Rd Improvements

Attention:
Margaret Fazio B.Sc., EP, MCIP, RPP
Senior Project Manager,
Infrastructure Planning City of Hamilton

In our preliminary assessment, we have <u>confirmed</u> that Hydro One has high voltage Transmission Facilities within your study area. At this point in time we do not have enough information about your project to provide you with meaningful input with respect to the impacts that your project may have on our infrastructure. As such, this response does not constitute any sort of approval for your plans and is being sent to you as a courtesy to inform you that we must be consulted on your project.

In addition to the existing infrastructure mentioned above, the affected transmission corridor may have provisions for future lines or already contain secondary land uses (i.e. pipelines, watermains, parking, etc). Please take this into consideration in your planning.

Also, we would like to bring to your attention that should (Barton St and Fifty Rd Improvements) result in a Hydro One station expansion or transmission line replacement and/or relocation, an environmental assessment (EA) will be required as described under the Class Environmental Assessment for Minor Transmission Facilities (Hydro One, 2016). This EA process would require a minimum of 6 months to be completed and associated costs will be allocated and recovered in accordance with the Transmission System Code. Furthermore, to complete an EA it can take from 6 months (to complete a Class EA Screening Process) to 18 months (to complete a Full Class EA Process) based on the level of assessment required for the EA. In order to achieve speedy completion of the EA, Hydro One will need to rely on studies and/or reports completed as part of the EA for your project.

Please allow the appropriate lead-time in your project schedule in the event that your proposed development impacts Hydro One infrastructure to the extent that it would require modifications to our infrastructure.

In planning, please note that developments should not reduce line clearances or limit access to our facilities at any time in the study area of your Proposal. Any construction activities must maintain the electrical clearance from the transmission line conductors as specified in the Ontario Health and Safety Act for the respective line voltage.

The integrity of the structure foundations must be maintained at all times, with no disturbance of the earth around the poles, guy wires and tower footings. There must not be any grading, excavating, filling or other civil work close to the structures.

We reiterate that this message does not constitute any form of approval for your project. Please note that your project may require you to submit a Property Managment Proposal (PMP) for Hydro One to fully assess the impact to our assets. To learn more about this process please visit https://www.hydroone.com/business-services/secondary-land-use. Hydro One must be consulted during all stages of your project. Please ensure that all future communications about your project are sent to us electronically to secondarylanduse@hydroone.com.

Please note that the proponent will be held responsible for all costs associated with modification or relocation of Hydro One facilities, as well as any added costs that may be incurred due to increase efforts to maintain our facilities.

On behalf of

Secondary Land Use
Asset Optimization
Strategy & Integrated Planning
Hydro One Networks Inc.

From: Fazio, Margaret < Margaret.Fazio@hamilton.ca>

Sent: Monday, October 18, 2021 11:52 AM

To: ZHAO Joan; MATEV Matey

Cc: Suggett, Jeff; CURRIE J. Brent; Shams, Aniga; Kessler, Raymond

Subject: RE: Barton and Fifty Road Improvements EA - October 7, 2021 Meeting Notes and

Comments

CAUTION: External email. Please do not click on links/attachments unless you know the content is genuine and safe.

Thanks Joan, We will keep you posted. Cheers, Margaret

From: ZHAO Joan <Joan.Zhao@HydroOne.com>

Sent: October 18, 2021 11:09 AM

To: Fazio, Margaret <Margaret.Fazio@hamilton.ca>; MATEV Matey <Matey.MATEV@HydroOne.com> **Cc:** jeff.suggett@woodplc.com; CURRIE J. Brent <J.Brent.Currie@HydroOne.com>; Shams, Aniqa

<aniqa.shams@woodplc.com>; Kessler, Raymond <Raymond.Kessler@hamilton.ca>

Subject: RE: Barton and Fifty Road Improvements EA - October 7, 2021 Meeting Notes and Comments

When you are ready to proceed...I would need to know which City Real Estate Consultant (Raymond's team) will be working on this project.

Thanks,

Joan Zhao SR/WA

Sr. Real Estate Coordinator
Facilities & Real Estate
Hydro One Networks Inc.
C: (416) 573-7987 | F: (905) 946-6242
P.O. Box 4300 | Markham ON | L3R 5Z5
Courier: 185 Clegg Road | Markham ON | L6G 1B7

joan.zhao@hydroone.com

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From: Fazio, Margaret < Margaret. Fazio@hamilton.ca>

Sent: Monday, October 18, 2021 10:53 AM

To: ZHAO Joan <<u>Joan.Zhao@HydroOne.com</u>>; MATEV Matey <<u>Matey.MATEV@HydroOne.com</u>> **Cc:** <u>jeff.suggett@woodplc.com</u>; CURRIE J. Brent <<u>J.Brent.Currie@HydroOne.com</u>>; Shams, Aniqa

<aniqa.shams@woodplc.com>

Subject: RE: Barton and Fifty Road Improvements EA - October 7, 2021 Meeting Notes and Comments

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Hi Joan,

Thank you for the below response.

From: Fazio, Margaret < Margaret.Fazio@hamilton.ca>

Sent: Tuesday, February 8, 2022 11:06 AM

To: Mark Jakubowski

Cc: Shams, Aniqa; Khan, Muhammad; Scott Beaudrie

Subject: Q for YOU RE: Comments regarding impacts on Alectra Infrastructure along proposed

Barton Street and Fifty Roads in Stoney Creek area.

Attachments: barton st_microstation_file - PDF.pdf

CAUTION: External email. Please do not click on links/attachments unless you know the content is genuine and safe.

Hi Mark,

Thank you for the below.

Given that we are proposing to move the Alectra poles on the north side of Barton as part of our project process (further north, as part of road widening), do you have any objections or time constraints that we need to know about? Do you have any construction plans for the corridor within the next 5-10 years?

Thank you, Margaret

From: Mark Jakubowski <mark.jakubowski@alectrautilities.com>

Sent: February 4, 2022 1:49 PM

To: Fazio, Margaret < Margaret. Fazio@hamilton.ca>

Cc: Shams, Aniqa <aniqa.shams@woodplc.com>; Khan, Muhammad <muhammad.khan@woodplc.com>; Scott Beaudrie <scott.beaudrie@alectrautilities.com>

Subject: RE: Request for comments regarding impacts on Alectra Infrastructure along proposed Barton Street and Fifty Roads in Stoney Creek area.

Margaret,

Attached is our CAD file with pole and underground civil locations of the Barton Street and Fifty Road area for your information.

If there are potential conflicts, my team with work with the City and the City's consultant.

Barton Street - Fruitland Road to Fifty Road

- Alectra owns and maintain all poles on the north side along this corridor
- Most poles on the south side along this corridor are owned and maintain by Bell

Fifty Road - North of Barton to South Service Road

- Alectra owns and maintain all poles on the west side along this corridor;
- Most poles on the east side along this corridor are owned and maintain by Bell

Fifty Road - South of Barton to Highway 8

- Alectra owns and maintain all poles on the east side along this corridor;
- Most poles on the west side along this corridor are owned and maintain by Bell

Regards,



Mark Jakubowski, A.Sc.T. Supervisor, Design, Customer Capital

55 John St N. Hamilton, ON L8R 3M8 t 905.798.2814 | m 905.961.0948

alectrautilities.com









At Alectra, the health and safety of our employees remains our highest priority and we have implemented vaccination policies for all our worksites and offices. Effective **November 12, 2021**, all visitors and contractors entering any Alectra worksite or facility must provide satisfactory proof of vaccination at Security when requested. Couriers and deliveries are excluded. Please review our <u>visitor</u> vaccine policy.

From: Fazio, Margaret < Margaret. Fazio@hamilton.ca >

Sent: Friday, January 28, 2022 8:35 AM

To: Mark Jakubowski < mark.jakubowski@alectrautilities.com >

Cc: Shams, Aniqa ; Khan, Muhammad ; Scott Beaudrie scott.beaudrie@alectrautilities.com>

Subject: RE: Request for comments regarding impacts on Alectra Infrastructure along proposed Barton Street and Fifty Roads in Stoney Creek area.

NOT FROM ALECTRA! Do not click links or open attachments unless you recognize the sender and know the content is safe.

Hi Mark,

Thank you for your response. We would appreciate your response by next Friday, February 4, 2022, if possible.

If you have questions before that please don't hesitate to contact me.

Thank you,

Margaret

From: Mark Jakubowski < mark.jakubowski@alectrautilities.com >

Sent: January 27, 2022 9:25 PM

To: Fazio, Margaret < Margaret. Fazio@hamilton.ca>

Cc: Shams, Aniqa ; Khan, Muhammad ; Scott Beaudrie scott.beaudrie@alectrautilities.com>

Subject: RE: Request for comments regarding impacts on Alectra Infrastructure along proposed Barton Street and Fifty Roads in Stoney Creek area.

Good evening Margaret,

I don't recall receiving any first notice for comments on this file so my apologies in advance.

Alectra participated in the virtual open house meeting on the evening of June 17th 2021 however there were no deliverables from that open house.

We will review and provide our comments.

When would you like to have comments due by?

Regards,



Mark Jakubowski, A.Sc.T. Supervisor, Design, Customer Capital

55 John St N. Hamilton, ON L8R 3M8

t 905.798.2814 | m 905.961.0948

alectrautilities.com









At Alectra, the health and safety of our employees remains our highest priority and we have implemented vaccination policies for all our worksites and offices. Effective **November 12, 2021,** all visitors and contractors entering any Alectra worksite or facility must provide satisfactory proof of vaccination at Security when requested. Couriers and deliveries are excluded. Please review our <u>visitor</u> <u>vaccine policy</u>.

From: Fazio, Margaret < Margaret. Fazio@hamilton.ca>

Sent: Thursday, January 27, 2022 5:14 PM

To: Scott Beaudrie <scott.beaudrie@alectrautilities.com>; Mark Jakubowski <mark.jakubowski@alectrautilities.com>

Cc: Shams, Aniqa <aniqa.shams@woodplc.com>; Khan, Muhammad <muhammad.khan@woodplc.com>

Subject: Request for comments regarding impacts on Alectra Infrastructure along proposed Barton Street and Fifty

Roads in Stoney Creek area.

Importance: High

NOT FROM ALECTRA! Do not click links or open attachments unless you recognize the sender and know the content is safe.

Hello Mark and Scott,

We are following up on previously sent Notices regarding proposed works along the Barton and Fifty Road Improvements EA – study corridor.

Please find attached the utility impact plan for the ongoing Barton and Fifty Road Phases 3 and 4 Municipal Class Environmental Assessment.

The project scope is for widening of both Barton Street and Fifty Road. The project study area map, and background information can be found at the following web page: https://engage.hamilton.ca/bartonfiftyea.

We would appreciate your comments or any questions. We are currently in the final stages of Drafting the Environmental Study Report for this Study/before going to Council and last public engagement.

Please advise if you would prefer a meeting to discuss your questions. Thank you,

Margaret Fazio, B.Sc., EP, MCIP, RPP

(She/her)

Senior Project Manager, Infrastructure Planning
Growth Management, Planning and Economic Development Department
City of Hamilton, 71 Main Street West, 6th Floor, Hamilton, ON, Canada, L8R 4Y5
Tel: 905-546-2424 ext. 2218; Fax: 905-540-5611; e-mail: Margaret.Fazio@hamilton.ca
DURING COVID, I am working remotely and can also be reached via Jabber, WebEx and Microsoft











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