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**Appendix E**  
**Cost Estimate**





**PROJECT: GO Transit EA - Kitchener to Georgetown**  
**GO Opening Day Cost Estimate**

July 10, 2009  
 EST. BY: JG/TK/FR  
 Rev. by:  
 PROJECT NO. MTB14877

**DRAFT**

Details of Construction				Opening Day (4 trains AM/PM)		Future	Total Cost
Item	Description	Unit	Quantity	GO	VIA	GO	
<b>A. Rail Corridor Improvements - GO Share VIA/UMA Report</b>							
1	CTC (GO/VIA territory M 30.0 to M 72.84)	L.S.	1	\$4,708,875	\$8,281,125		\$12,990,000
2	Track Upgrade (GO/VIA territory M 30.0 to M 72.84)	L.S.	1	\$4,400,000	\$4,400,000		\$8,800,000
3	Grand River Bridge (Mile 58.7 East approach to Kitchener)	L.S.	1	\$555,000	\$555,000		\$1,110,000
4	Automatic Warning Systems (80 mph. GO Xings = 36 @ 50%)	L.S.	1	\$3,249,350	\$10,650,650		\$13,900,000
5	Crossing Upgrades (Non-signals *assumed)	L.S.	1	\$500,000	\$500,000		\$1,000,000
6	R.O.W. Fencing (Guelph, Breslau, Kitchener)	L.S.	1	\$245,000	\$375,000		\$620,000
<b>Total (A - Includes 15% Contingency)</b>				<b>\$15,800,000</b>	<b>\$28,500,000</b>		<b>\$44,300,000</b>
<b>B. Station Construction (Preferred Sites)</b>							
7	Georgetown	L.S.	1	\$15,400,000		\$1,300,000	\$16,700,000
8	Acton/Hide House	L.S.	1	\$3,700,000		\$10,000,000	\$13,700,000
9	Guelph VIA	L.S.	1	\$12,200,000			\$12,200,000
10	Breslau Greenhouse Road	L.S.	1	\$10,600,000		\$10,500,000	\$21,100,000
11	Kitchener VIA	L.S.	1	\$1,400,000			\$1,400,000
12	Kitchener King Street	L.S.	1			\$14,900,000	\$14,900,000
<b>Total (B)</b>				<b>\$43,300,000</b>		<b>\$36,700,000</b>	<b>\$80,000,000</b>
<b>C. Layover Facilities</b>							
13	Baden - Nafziger Road	L.S.	1	\$19,900,000		\$40,800,000	\$60,700,000
<b>Total (C)</b>				<b>\$19,900,000</b>		<b>\$40,800,000</b>	<b>\$60,700,000</b>
<b>D. Freight Operations Improvements</b>							
14	Passing & Other Tracks	L.S.	1	\$45,900,000		\$318,600,000	\$364,500,000
<b>Total (D)</b>				<b>\$45,900,000</b>		<b>\$318,600,000</b>	<b>\$364,500,000</b>
<b>Total (A+B+C+D)</b>				<b>\$124,900,000</b>	<b>\$28,500,000</b>	<b>\$396,100,000</b>	<b>\$549,500,000</b>
				<b>GO</b>	<b>VIA</b>	<b>GO</b>	<b>(\$521,000,000 - GO)</b>

**Notes:**

- 1 VIA Territory - Silver Jct. (Mile 30.0) to London Jct. (Mile 119.9) = 89.9 Route Miles
- 2 GO Territory - Silver Jct. (Mile 30.0) to Baden - Nafziger Road (Mile 72.84) = 42.84 Route Miles
- 3 Preliminary estimates only, subject to further assessment.
- 4 Includes Corridor Improvements CN Halton S/D from Mount Pleasant to Silver Jct.
- 5 Excludes Additional Span over Credit River Bridge
- 6 Includes Future Double Tracking GO Route from Silver Jct. To Baden - Nafziger Road
- 7-12 Contingency & engineering included in each station/layover estimate.
- A Acton, Guelph/Kitchener VIA and Breslau stations to be used on Opening Day with King Street station to be built in the future.
- B Estimate does not include GST, prices are 2009 figures and not adjusted for inflation.

Station/Layover Construction (Alternative Sites)	Opening Day	Future	Total
Acton - Dublin Line	\$7,900,000	\$9,600,000	\$17,500,000
Guelph - Watson Road	\$10,800,000	\$10,800,000	\$21,600,000
Guelph - Lafarge	\$20,200,000	\$1,600,000	\$21,800,000
Breslau - Fountain Street	\$12,400,000	\$11,000,000	\$23,400,000
Kitchener - Ira Needles Boulevard	\$9,800,000	\$11,300,000	\$21,100,000
Petersburg Layover	\$17,200,000	\$1,700,000	\$18,900,000
Breslau - Greenhouse Road Layover	\$17,200,000	\$1,700,000	\$18,900,000
Breslau - Fountain Street Layover	\$14,300,000	\$1,300,000	\$15,600,000
Kitchener - Ira Needles Boulevard Layover	\$14,500,000	\$1,200,000	\$15,700,000
Baden - Sand Hills Road Layover	\$17,900,000	\$1,700,000	\$19,600,000