

APPENDIX F

LONG TERM CAPITAL AND OPERATING COST IMPACTS

APPENDIX F

TABLE 1

CITY OF PETERBOROUGH
ESTIMATED NET OPERATING COST OF THE PROPOSED
GROWTH-RELATED CAPITAL PROGRAM
(in constant 2003 dollars)

| | Net Cost (in 2003 \$) | Estimated Operating Costs (\$000) | | | | | | | | | | |
|--|---------------------------|-----------------------------------|----------------|----------------|----------------|----------------|------------------|------------------|------------------|------------------|------------------|-----------|
| | | 2004 | 2005 | 2006 | 2007 | 2008 | 2009 | 2010 | 2011 | 2012 | 2013 | |
| Library | | | | | | | | | | | | |
| Additional Library Space ~ 5,000 sq.ft. | \$14 per sq.ft. | \$0.0 | \$0.0 | \$0.0 | \$68.9 | \$68.9 | \$68.9 | \$68.9 | \$68.9 | \$68.9 | \$68.9 | \$68.9 |
| Fire | | | | | | | | | | | | |
| Additional Fire Hall Space & Firefighters ~ 5,600 sq.ft. | \$1,000,000 per year | \$0.0 | \$0.0 | \$0.0 | \$0.0 | \$0.0 | \$1,000.0 | \$1,000.0 | \$1,000.0 | \$1,000.0 | \$1,000.0 | \$1,000.0 |
| Police | | | | | | | | | | | | |
| Additional Police Headquarters Space ~ 5,000 sq.ft. | \$110 per sq.ft. | \$0.0 | \$0.0 | \$0.0 | \$549.4 | \$549.4 | \$549.4 | \$549.4 | \$549.4 | \$549.4 | \$549.4 | \$549.4 |
| Recreation | | | | | | | | | | | | |
| Wellness Centre | \$145,000 per year | \$0.0 | \$145.0 | \$145.0 | \$145.0 | \$145.0 | \$145.0 | \$145.0 | \$145.0 | \$145.0 | \$145.0 | \$145.0 |
| Parks | | | | | | | | | | | | |
| Soccer Fields & New Park Development | \$10 per person | \$2.5 | \$5.0 | \$7.6 | \$10.7 | \$13.9 | \$17.1 | \$20.3 | \$23.6 | \$27.7 | \$31.9 | |
| Public Works | | | | | | | | | | | | |
| Public Works Facility Expansion | \$5 per sq.ft. | \$0.0 | \$0.0 | \$0.0 | \$0.0 | \$0.0 | \$25.0 | \$25.0 | \$25.0 | \$25.0 | \$25.0 | \$25.0 |
| Transit | | | | | | | | | | | | |
| Additional Buses ~ \$18 million | \$35 per \$1,000 of buses | \$63.6 | \$63.6 | \$63.6 | \$63.6 | \$63.6 | \$63.6 | \$63.6 | \$63.6 | \$63.6 | \$63.6 | \$63.6 |
| Roads | | | | | | | | | | | | |
| Roads and Related Projects | \$60 per household | \$12.3 | \$24.7 | \$37.2 | \$51.4 | \$65.7 | \$80.1 | \$94.6 | \$109.2 | \$124.5 | \$140.0 | |
| TOTAL ESTIMATED OPERATING COSTS (\$000) | | \$78.4 | \$238.3 | \$253.3 | \$889.0 | \$906.5 | \$1,949.1 | \$1,966.8 | \$1,984.6 | \$2,004.1 | \$2,023.8 | |

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CITY OF PETERBOROUGH
SUMMARY OF TAX SUPPORTED FUNDING REQUIREMENTS

| | 2004 (\$000) | 2005 (\$000) | 2006 (\$000) | 2007 (\$000) | 2008 (\$000) | 2009 (\$000) | 2010 (\$000) | 2011 (\$000) | 2012 (\$000) | 2013 (\$000) | TOTAL (\$000) |
|---------------------------------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|------------------|
| General Government | | | | | | | | | | | |
| Total Net Cost (1) | 85.0 | 70.0 | 45.0 | 20.0 | 20.0 | 45.0 | 20.0 | 20.0 | 20.0 | 20.0 | 365.0 |
| Net Cost From Development Charges (2) | 9.0 | 42.2 | 31.5 | 9.0 | 9.0 | 31.5 | 9.0 | 9.0 | 9.0 | 9.0 | 168.2 |
| Net Cost From Non-DC Sources | 76.0 | 27.8 | 13.5 | 11.0 | 11.0 | 13.5 | 11.0 | 11.0 | 11.0 | 11.0 | 196.8 |
| - Discount Portion (3) | 1.0 | 4.7 | 3.5 | 1.0 | 1.0 | 3.5 | 1.0 | 1.0 | 1.0 | 1.0 | 18.7 |
| - Prior Growth (4) | 65.0 | 13.1 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 78.1 |
| - Replacement | 10.0 | 10.0 | 10.0 | 10.0 | 10.0 | 10.0 | 10.0 | 10.0 | 10.0 | 10.0 | 100.0 |
| - For Post 2013 Growth (5) | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| Libraries | | | | | | | | | | | |
| Total Net Cost (1) | 16.0 | 16.0 | 16.0 | 1,016.0 | 16.0 | 16.0 | 16.0 | 16.0 | 16.0 | 16.0 | 1,160.0 |
| Net Cost From Development Charges (2) | 14.4 | 14.4 | 14.4 | 439.0 | 14.4 | 14.4 | 14.4 | 14.4 | 14.4 | 14.4 | 568.6 |
| Net Cost From Non-DC Sources | 1.6 | 1.6 | 1.6 | 577.0 | 1.6 | 1.6 | 1.6 | 1.6 | 1.6 | 1.6 | 591.4 |
| - Discount Portion (3) | 1.6 | 1.6 | 1.6 | 48.8 | 1.6 | 1.6 | 1.6 | 1.6 | 1.6 | 1.6 | 63.2 |
| - Prior Growth (4) | 0.0 | 0.0 | 0.0 | 0.4 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.4 |
| - Replacement | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| - For Post 2013 Growth (5) | 0.0 | 0.0 | 0.0 | 527.9 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 527.9 |
| Fire | | | | | | | | | | | |
| Total Net Cost (1) | 0.0 | 0.0 | 0.0 | 499.0 | 0.0 | 869.5 | 0.0 | 0.0 | 0.0 | 0.0 | 1,368.5 |
| Net Cost From Development Charges (2) | 0.0 | 0.0 | 0.0 | 488.0 | 0.0 | 251.2 | 0.0 | 0.0 | 0.0 | 0.0 | 739.2 |
| Net Cost From Non-DC Sources | 0.0 | 0.0 | 0.0 | 11.0 | 0.0 | 618.3 | 0.0 | 0.0 | 0.0 | 0.0 | 629.3 |
| - Discount Portion (3) | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| - Prior Growth (4) | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 404.5 | 0.0 | 0.0 | 0.0 | 0.0 | 404.5 |
| - Replacement | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| - For Post 2013 Growth (5) | 0.0 | 0.0 | 0.0 | 11.0 | 0.0 | 213.8 | 0.0 | 0.0 | 0.0 | 0.0 | 224.9 |
| Police | | | | | | | | | | | |
| Total Net Cost (1) | 0.0 | 70.0 | 70.0 | 700.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 840.0 |
| Net Cost From Development Charges (2) | 0.0 | 0.0 | 6.5 | 307.8 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 314.3 |
| Net Cost From Non-DC Sources | 0.0 | 70.0 | 63.5 | 392.2 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 525.7 |
| - Discount Portion (3) | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| - Prior Growth (4) | 0.0 | 70.0 | 55.2 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 125.2 |
| - Replacement | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| - For Post 2013 Growth (5) | 0.0 | 0.0 | 8.3 | 392.2 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 400.5 |
| Recreation | | | | | | | | | | | |
| Total Net Cost (1) | 2,811.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 2,811.0 |
| Net Cost From Development Charges (2) | 1,897.4 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 1,897.4 |
| Net Cost From Non-DC Sources | 913.6 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 913.6 |
| - Discount Portion (3) | 210.8 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 210.8 |
| - Prior Growth (4) | 702.8 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 702.8 |
| - Replacement | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| - For Post 2013 Growth (5) | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |

- Notes: (1) For total growth related capital forecast see Appendices B-D. Also includes committed excess capacity where applicable.
(2) Share of Capital program to be funded from development charges if calculated rates are fully implemented
(3) Mandatory 10% reduction for applicable services
(4) Portion of growth-related capital forecast identified as prior growth (to be funded from present Development Charge reserve fund balances).
(5) Post 2013 growth related net capital costs may be eligible for development charges in future DC by-laws, but interim financing of this share may be required

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CITY OF PETERBOROUGH
SUMMARY OF TAX SUPPORTED FUNDING REQUIREMENTS

| | 2004 (\$000) | 2005 (\$000) | 2006 (\$000) | 2007 (\$000) | 2008 (\$000) | 2009 (\$000) | 2010 (\$000) | 2011 (\$000) | 2012 (\$000) | 2013 (\$000) | TOTAL (\$000) |
|---------------------------------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|------------------|
| Parks | | | | | | | | | | | |
| Total Net Cost (1) | 50.0 | 50.0 | 450.0 | 50.0 | 50.0 | 50.0 | 50.0 | 50.0 | 50.0 | 50.0 | 900.0 |
| Net Cost From Development Charges (2) | 45.0 | 45.0 | 405.0 | 45.0 | 45.0 | 45.0 | 45.0 | 45.0 | 45.0 | 45.0 | 810.0 |
| Net Cost From Non-DC Sources | 5.0 | 5.0 | 45.0 | 5.0 | 5.0 | 5.0 | 5.0 | 5.0 | 5.0 | 5.0 | 90.0 |
| - Discount Portion (3) | 5.0 | 5.0 | 45.0 | 5.0 | 5.0 | 5.0 | 5.0 | 5.0 | 5.0 | 5.0 | 90.0 |
| - Prior Growth (4) | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| - Replacement | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| - For Post 2013 Growth (5) | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| Public Works | | | | | | | | | | | |
| Total Net Cost (1) | 0.0 | 100.0 | 100.0 | 100.0 | 100.0 | 850.0 | 100.0 | 100.0 | 100.0 | 79.8 | 1,629.8 |
| Net Cost From Development Charges (2) | 0.0 | 45.0 | 45.0 | 45.0 | 45.0 | 304.4 | 45.0 | 35.8 | 0.0 | 0.0 | 585.1 |
| Net Cost From Non-DC Sources | 0.0 | 55.0 | 55.0 | 55.0 | 55.0 | 545.6 | 55.0 | 64.2 | 100.0 | 79.8 | 1,064.7 |
| - Discount Portion (3) | 0.0 | 5.0 | 5.0 | 5.0 | 5.0 | 33.8 | 5.0 | 4.0 | 0.0 | 0.0 | 62.8 |
| - Prior Growth (4) | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 139.3 | 0.0 | 0.0 | 0.0 | 0.0 | 139.3 |
| - Replacement | 0.0 | 50.0 | 50.0 | 50.0 | 50.0 | 50.0 | 50.0 | 50.0 | 50.0 | 39.9 | 439.9 |
| - For Post 2013 Growth (5) | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 322.5 | 0.0 | 10.3 | 50.0 | 39.9 | 422.6 |
| Parking | | | | | | | | | | | |
| Total Net Cost (1) | 75.0 | 75.0 | 75.0 | 75.0 | 75.0 | 75.0 | 75.0 | 75.0 | 75.0 | 75.0 | 750.0 |
| Net Cost From Development Charges (2) | 67.5 | 67.5 | 67.5 | 67.5 | 67.5 | 67.5 | 67.5 | 67.5 | 67.5 | 67.5 | 675.0 |
| Net Cost From Non-DC Sources | 7.5 | 7.5 | 7.5 | 7.5 | 7.5 | 7.5 | 7.5 | 7.5 | 7.5 | 7.5 | 75.0 |
| - Discount Portion (3) | 7.5 | 7.5 | 7.5 | 7.5 | 7.5 | 7.5 | 7.5 | 7.5 | 7.5 | 7.5 | 75.0 |
| - Prior Growth (4) | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| - Replacement | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| - For Post 2013 Growth (5) | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| Transit | | | | | | | | | | | |
| Total Net Cost (1) | 1,375.8 | 1,375.8 | 1,375.8 | 1,375.8 | 1,375.8 | 1,375.8 | 1,375.8 | 1,375.8 | 1,375.8 | 1,375.8 | 13,757.8 |
| Net Cost From Development Charges (2) | 97.3 | 97.3 | 97.3 | 97.3 | 97.3 | 97.3 | 97.3 | 97.3 | 97.3 | 97.3 | 972.6 |
| Net Cost From Non-DC Sources | 1,278.5 | 1,278.5 | 1,278.5 | 1,278.5 | 1,278.5 | 1,278.5 | 1,278.5 | 1,278.5 | 1,278.5 | 1,278.5 | 12,785.2 |
| - Discount Portion (3) | 10.8 | 10.8 | 10.8 | 10.8 | 10.8 | 10.8 | 10.8 | 10.8 | 10.8 | 10.8 | 108.1 |
| - Prior Growth (4) | 2.5 | 2.5 | 2.5 | 2.5 | 2.5 | 2.5 | 2.5 | 2.5 | 2.5 | 2.5 | 25.1 |
| - Replacement | 1,141.8 | 1,141.8 | 1,141.8 | 1,141.8 | 1,141.8 | 1,141.8 | 1,141.8 | 1,141.8 | 1,141.8 | 1,141.8 | 11,417.8 |
| - For Post 2013 Growth (5) | 123.4 | 123.4 | 123.4 | 123.4 | 123.4 | 123.4 | 123.4 | 123.4 | 123.4 | 123.4 | 1,234.3 |
| Roads and Related (6) | | | | | | | | | | | |
| Total Net Cost (1) | 4,556.2 | 4,556.2 | 4,556.2 | 4,556.2 | 4,556.2 | 4,556.2 | 4,556.2 | 4,556.2 | 4,556.2 | 4,556.2 | 45,561.6 |
| Net Cost From Development Charges (2) | 2,199.3 | 2,199.3 | 2,199.3 | 2,199.3 | 2,199.3 | 2,199.3 | 2,199.3 | 2,199.3 | 2,199.3 | 2,199.3 | 21,993.0 |
| Net Cost From Non-DC Sources | 2,356.9 | 2,356.9 | 2,356.9 | 2,356.9 | 2,356.9 | 2,356.9 | 2,356.9 | 2,356.9 | 2,356.9 | 2,356.9 | 23,568.6 |
| - Discount Portion (3) | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| - Prior Growth (4) | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| - Replacement | 2,308.5 | 2,308.5 | 2,308.5 | 2,308.5 | 2,308.5 | 2,308.5 | 2,308.5 | 2,308.5 | 2,308.5 | 2,308.5 | 23,084.8 |
| - For Post 2013 Growth (5) | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| Total Municipality-Wide | | | | | | | | | | | |
| Total Net Cost (1) | 8,968.9 | 6,312.9 | 6,687.9 | 8,391.9 | 6,192.9 | 7,837.4 | 6,192.9 | 6,192.9 | 6,192.9 | 6,172.7 | 69,143.7 |
| Net Cost From Development Charges (2) | 4,329.9 | 2,510.6 | 2,866.4 | 3,697.8 | 2,477.5 | 3,010.5 | 2,477.5 | 2,468.2 | 2,432.5 | 2,432.5 | 28,703.4 |
| Net Cost From Non-DC Sources | 4,639.1 | 3,802.3 | 3,821.5 | 4,694.1 | 3,715.5 | 4,826.9 | 3,715.5 | 3,724.7 | 3,760.5 | 3,740.3 | 40,440.3 |
| - Discount Portion (3) | 236.7 | 34.6 | 73.4 | 78.1 | 30.9 | 62.2 | 30.9 | 29.9 | 25.9 | 25.9 | 628.5 |
| - Prior Growth (4) | 770.3 | 85.6 | 57.7 | 2.9 | 2.5 | 546.3 | 2.5 | 2.5 | 2.5 | 2.5 | 1,475.4 |
| - Replacement | 3,460.3 | 3,510.3 | 3,510.3 | 3,510.3 | 3,510.3 | 3,510.3 | 3,510.3 | 3,510.3 | 3,510.3 | 3,500.2 | 35,042.5 |
| - For Post 2013 Growth (5) | 123.4 | 123.4 | 131.7 | 1,054.5 | 123.4 | 659.7 | 123.4 | 133.7 | 173.4 | 163.3 | 2,810.1 |

- Notes: (1) For total growth related capital forecast see Appendices B-D. Also includes committed excess capacity where applicable.
(2) Share of Capital program to be funded from development charges if calculated rates are fully implemented
(3) Mandatory 10% reduction for applicable services
(4) Portion of growth-related capital forecast identified as prior growth (to be funded from present Development Charge reserve fund balances).
(5) Post 2013 growth related net capital costs may be eligible for development charges in future DC by-laws, but interim financing of this share may be required
(6) Municipality-wide Engineering program covers period beyond 2013, only 10 year cost is shown here. As projects have not been cashflowed costs are spread evenly over the period.