




Hamilton

INFORMATION REPORT

TO:	Chair and Members Audit, Finance and Administration Committee
COMMITTEE DATE:	March 27, 2017
SUBJECT/REPORT NO:	Digital Inclusion – Feasibility of Public Wi-Fi in Gage Park (FCS17032) (Ward 3) (Outstanding Business List)
WARD(S) AFFECTED:	Ward 3
PREPARED BY:	Filipe Janicas (905) 546-2424 Ext. 5705 Cathy Poper (905) 546-2424 Ext. 5481
SUBMITTED BY:	Maria McChesney Director of Information Technology Corporate Services Department
SIGNATURE:	

Council Direction:

The General Issues Committee, at its meeting of August 8, 2016 requested “that staff review the feasibility of installing public Wi-Fi as a pilot in Gage Park, to be funded directly from ward specific, non-property tax revenues in the Ward 3 Account #3301609603 (Bell Mobility Cell Tower Revenues), and report back to the General Issues Committee”.

Information:

The Information Technology Division has determined that providing Wi-Fi coverage for a portion of Gage Park is technically feasible. Financial feasibility will be considered once the Request for Quotation (RFQ) for installation is completed in Q1 2017.

In determining the technical feasibility, several factors have been considered including a) access to a network circuit, b) installation and c) support requirements, as follows:

- a) Gage Park currently has a network circuit which can be leveraged to deliver Wi-Fi traffic. The existing network circuit is used for City staff located at Gage Park. This eliminates the cost of a third party network service provider.
- b) Installation to accommodate the regular daily attendance in the park has been determined to be technically feasible in specific areas of the park including the

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SUBJECT: Digital Inclusion – Feasibility of Public Wi-Fi in Gage Park (FCS17032)
(Ward 3) - Page 2 of 2

horticultural building and The Children's Museum. Wi-Fi coverage to accommodate festival size crowds would require additional consideration. The RFQ will acquire pricing for various coverage scenarios as noted in Appendix "B" to this Report, such as;

- Band shell Area;
- Splash Pad;
- Pump Track;
- Special events; and,
- Combinations of the above.

- c) Technical support will be provided on a next business day basis. IT will leverage existing Wi-Fi tools to proactively monitor availability and report on usage.

Once the pilot has been operational for six months staff will re-assess usage, usability and coverage as well as review the support model to ensure sustainability of the pilot. This type of hardware has a five year lifecycle, therefore a refresh lifecycle will need to be established with a funding source.

Existing contracts will be leveraged for the procurement of Wi-Fi radio equipment and network data cabling for the pilot.

Once the evaluation of the RFQ is complete IT will determine if the implementation is financially feasible.

A complete list of existing City of Hamilton public Wi-Fi locations is attached as Appendix "A" to this Report. Signage, similar to that placed in Recreation facilities, attached as Appendix "C" to this Report, will be placed in the park to promote the availability of free Wi-Fi.

That the item respecting "reviewing the feasibility of installing public Wi-Fi as a pilot in Gage Park, to be funded directly from ward specific, non-property tax revenues in the Ward 3 Account #3301609603 (Bell Mobility Cell Tower Revenues)", be considered complete and removed from the Audit, Finance and Administration Committee's Outstanding Business List.

APPENDICES AND SCHEDULES ATTACHED

Appendix "A" - Listing of existing City of Hamilton Wi-Fi locations

Appendix "B" - List of various coverage scenarios

Appendix "C" - Sample Signage regarding availability of free Wi-Fi

MM/sn

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Current Public Facing Wi-Fi locations

HPL - Turner Park	352 Rymal Road East
HPL - Central	55 York Boulevard
HPL - Barton	571 Barton Street East
HPL - Concession	565 Concession Street
HPL - Kenilworth	103 Kenilworth North
HPL - Locke	285 Locke Street South
HPL - Redhill	695 Queenston Road
HPL - Sherwood	467 Upper Ottawa Street
HPL - Terryberry	100 Mohawk Road West
HPL - Westdale	955 King Street West
HPL - Dundas	18 Ogilvie Drive
HPL - Lynden	110 Lynden Road
HPL - Ancaster	300 Wilson Street East
HPL - Saltfleet	131 Grays Road
HPL - Dundas	2 King Street West
HPL – Valley Park	970 Paramount Drive
HPL - Mt. Hope	3027 Homestead Drive
HPL - Binbrook	2641 Highway #56
HPL - Waterdown Library	163 Dundas Street
HPL - Stoney Creek	777 Highway No 8
HPL – Carlisle Library	1496 Centre Road
HPL - Greensville Library	59 Kirby Avenue - Unit 5
HPL - Freelon Library	1803 Brock Road
Parkdale Arena	1770 Main Street East
Chedoke Twinpad Arena	91 Chedmac Drive
Sackville Seniors Centre	780 Upper Wentworth Street
Mountain Arena & Skating Centre	25 Hester Street
Ancaster Senior Achievement Centre	622 Alberton Road South
Farmer's Market	35 York Boulevard
Tim Hortons Field	75 Balsam Avenue North
Chedoke Golf	563 Aberdeen Avenue
Ancaster Aquatic Centre	47 Meadowbrook Drive
Morgan Firestone Arena	385 Jerseyville Road
Beasley Recreation Centre	27 Elgin Street
Valley Park Recreation Centre	970 Paramount Drive

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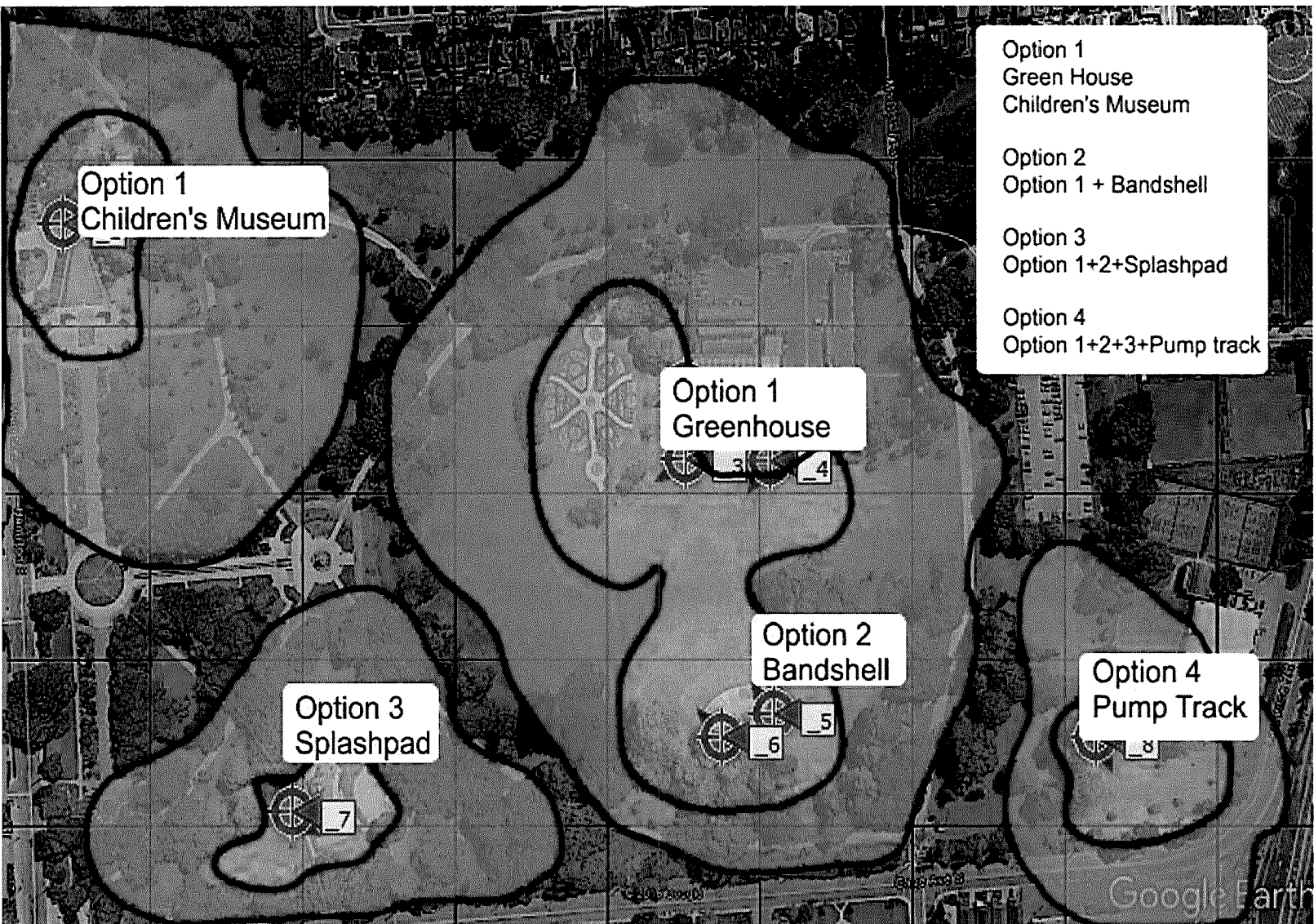
Ryerson Recreation Centre	251 Duke Street
Glanbrook Arena	4300 Binbrook Road
Dalewood Recreation Centre	1150 Main Street West
Westmount Recreation Centre	35 Lynbrook Drive
Sir Allen MacNab Recreation Centre	145 Magnolia Drive
Sir Wilfrid Laurier Recreation Centre	60 Albright Road
Bennetto Recreation Centre	450 Hughson St North
Dundas Community Centre	10 Market Street
Huntington Park Recreation Centre	87 Brentwood Drive
Sir Winston Churchill Recreation Centre	1715 Main Street East
Central Memorial Recreation Centre	93 West Avenue South
Riverdale Recreation Centre	150 Violet Drive
Inch Park Arena	400 Queensdale Avenue East
Stoney Creek Arena	37 King Street West
Norman Pinky Lewis Recreation Centre	192 Wentworth Street North
North Wentworth Arena	27 Hwy #5 at Hwy #6
Hill Park Recreation Centre	465 East 16th Street
Coronation Arena	81 Macklin Street
Olympic Ice Rink	70 Olympic Drive
Stoney Creek Recreation Centre	45 King Street
Rosedale Arena	100 Greenhill Avenue
Kings Forest Golf	100 Greenhill Avenue
Beverly Arena	680 Hwy 8 RR 1
Carlisle Arena	1496 Centre Road
Winona Community Centre	255 Winona Road
Dundas Pool	39 Market Street South
Dundas Arena	35 Market Street South

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Gage Park Coverage
Scenarios



Wi-Fi Signage

FREE WI-FI



Available at this location.

**If you have questions about
this or any other City service,
call 905-546-CITY.**

