



Report to: Development Services Committee

Report Date: November 13, 2017

SUBJECT: City-wide Infill Sidewalk Five-Year Capital Plan
PREPARED BY: Joseph Palmisano, Manager, Transportation, Ext. 6200
David Porretta, Supervisor, Traffic Operations, Ext. 2040
REVIEWED BY: Loy Cheah, Acting Director, Engineering, Ext. 4838

RECOMMENDATION:

- 1) That the report entitled “City-wide Infill Sidewalk Five-Year Capital Plan” be received; and,
- 2) That the annual sidewalk capital program over the period of 2019 to 2023 and beyond be based on the project priorities defined in Attachment ‘C’ until the project list is exhausted; and,
- 3) That additional infill sidewalk projects necessary to address immediate public safety issues be prioritized and approved separately; and,
- 4) That additional infill sidewalk projects on local residential streets requested by local residents and confirmed to have consensus local support be prioritized and approved separately; and,
- 5) That Staff be authorized and directed to do all things necessary to give effect to this resolution.

PURPOSE:

This report summarizes the process and methodology with respect to identifying and closing gaps in the City’s sidewalk network along functional arterial and collector roads and presents the development of the infill sidewalk capital plan and project priorities from 2019 to 2023.

BACKGROUND:

On May 23, 2017, Development Services Committee (DSC) received a staff report entitled “Infill Sidewalk Prioritization Process and Methodology”. That report provided information on:

- Health and community benefits of a comprehensive sidewalk network;
- Sidewalk policy in new subdivisions;
- Sidewalk network inventory by ward; and
- Five-step sidewalk infill process and methodology.

The May 2017 report also recommended that sidewalk gaps on arterial and collector roads be prioritized as most community and neighbourhood amenities and services tend to be located along these major road corridors. Council endorsed the report recommendations and directed “*That staff report back in the fall of 2017 to provide a capital program and phasing plan to*

prioritize and significantly complete the sidewalk network on collector and arterial roads within five years". This report addresses this specific direction of Council.

DISCUSSION:

109 km of sidewalk gaps on arterial and collector roads are to be prioritized

The current sidewalk policy stipulates that sidewalks be constructed on both sides of arterial and collector roads. An analysis of the sidewalk inventory on arterial and collector roads by City wards shows the following:

- There are 28 km on arterial roads and 81 km on collector roads of sidewalk gaps;
- Most gaps are in the older parts of the City such as Thornhill;
- On a network basis, the sidewalk gaps on arterial and collector roads are shown in Attachment 'A'; and
- The long list of infill sidewalk gaps with some basic parameters (project location, length of gap, arterial or collector road) is shown in Attachment 'B'.

Budget limits number of projects per year

As noted in the May 2017 report, the current average annual budget of \$1.2 million can only provide for the construction of approximately 4 to 5 km of sidewalks. For the sidewalk gaps identified on arterial and collector roads, it will take approximately 25 years for the 109 km of gaps to be constructed at this budget level. Thus, Council's direction "*to prioritize and significantly complete the sidewalk network on collector and arterial roads within five years*" can only be achieved with very significant increases in capital budget and staffing resources. Regardless, prioritization of sidewalk projects is necessary to program the projects into specific construction years.

Program planning process and criteria

The overall process for developing and finalizing the sidewalk capital plan is shown in Figure 1. Each step of this annual process is summarized below:

Step 1: Long List of Sidewalk Gaps

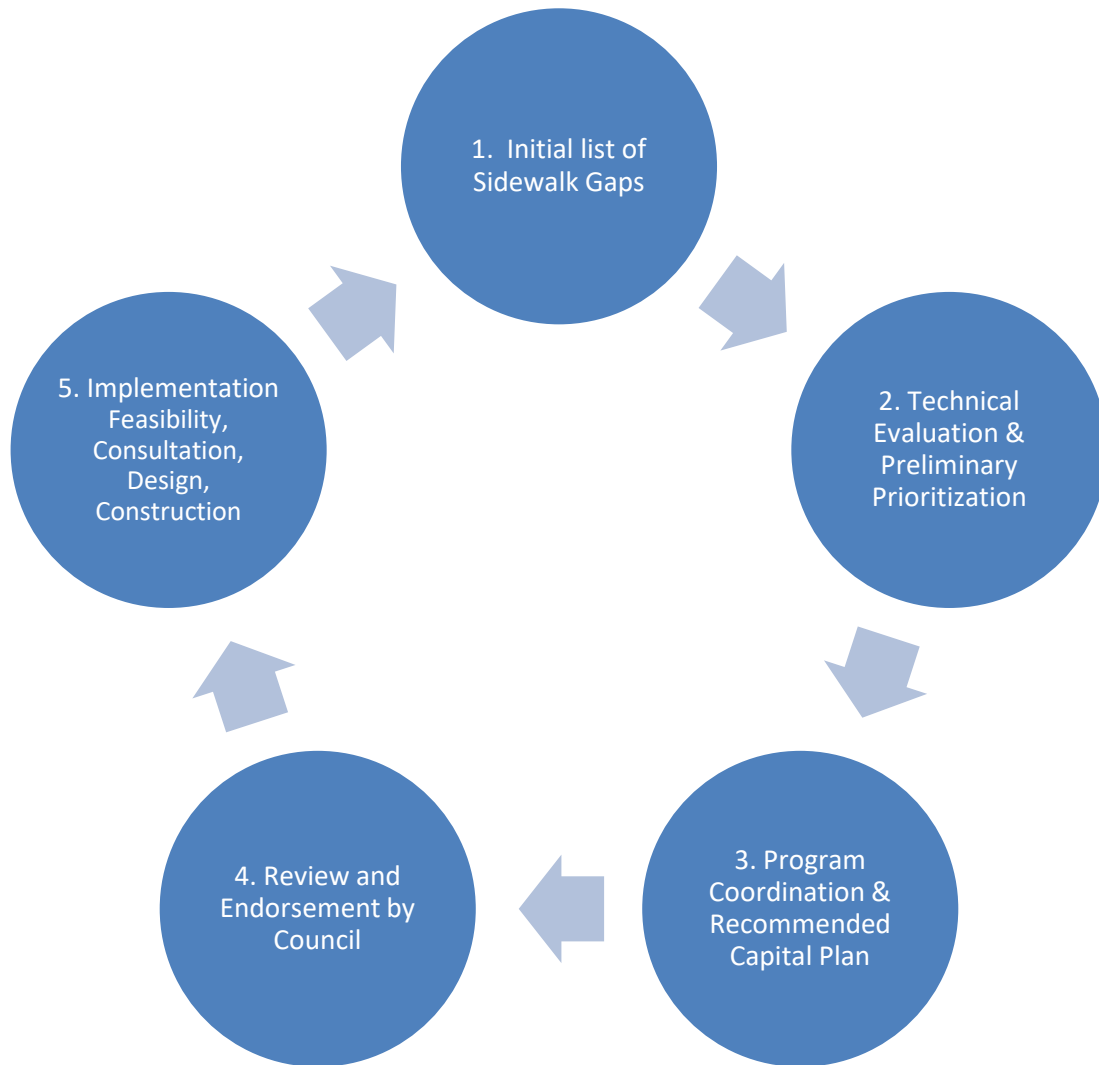
This step involves identifying the initial long list of infill sidewalk gaps on arterial and collector roads. Basic information such as project location, length and road class on each gap is gathered for use in Step 2. The long list of infill sidewalk gaps is shown in Attachment 'B'.

Step 2: Technical Evaluation & Preliminary Prioritization

This step involves evaluating each sidewalk gap based on a set of criteria and summarizing the evaluation into a preliminary list of infill sidewalk project priorities. The criteria used include:

- Road classification (i.e. arterial or collector);
- Access to major destination(s) (e.g. schools, employment areas, shopping malls, recreation centres, parks, places of worship, etc);
- Access to public transit (e.g. the sidewalk gap is on a transit route); and
- Missing link (or mid-block gap) in sidewalk network.

Figure 1: Infill Sidewalk Capital Plan Annual Process



Step 3: Program Coordination & Recommended Capital Plan

This step involves reviewing each sidewalk gap against capital programs such as road, water main, sewer (sanitary or storm) capital plans being undertaken by other stakeholders as well as development construction projects to determine if the sidewalk gap can be incorporated into a planned, larger construction project that could result in cost and/or schedule efficiencies. For example, if a sidewalk gap is on a road segment that is part of a capital project planned in the York Region 10-Year (Roads, Water and Wastewater) Capital Plan, it will be set to the construction schedule of the York Region capital project and staff will coordinate with York Region to ensure that the sidewalk infill project is incorporated into the York Region project. The information from the review is then used to re-prioritize the sidewalk projects into a recommended five-year sidewalk capital plan.

Step 4: Review and Endorsement by Council

This step involves sending the recommended five-year sidewalk capital plan shown in Attachment 'C' to Council for review and endorsement. Council will also be able to review and approve the annual sidewalk construction program through the annual budget approval process.

Step 5: Implementation of Annual Program– Feasibility, Consultation, Design, Construction

This step involves carrying out the implementation of each sidewalk project. Confirming physical feasibility, consultation with Ward Councillor, community support, and final design, would need to be carried out before the construction contract can be awarded for each project. These pre-construction tasks may identify significant impacts such as land/property requirement, conflicts with utilities, higher than anticipated capital cost, a change in project requirements from a sidewalk to multi-use path, or difficulty obtaining community support, that may lead to a delay in the sidewalk project. If a project is not constructed during the programmed year, information from the pre-construction tasks is fed back into Step 1 for the next annual review of the sidewalk capital plan. Project substitutions may occur and project schedules may be revised based on these pre-construction considerations.

Application of process results in Sidewalk Capital Plan

The list of sidewalk projects in the five-year capital plan (from 2019 to 2023) is shown in Attachment 'C'. Sidewalk projects that have been programmed for 2018, pending Council approval through the budget approval process, have been excluded from the five-year capital plan.

The list of sidewalk projects included in the five-year capital plan is greater than what could be constructed within this timeframe; however, it provides sufficient flexibility should some projects not be implementable based on the findings of the feasibility review in Step 5.

Sidewalk Capital Plan to be reviewed and updated annually

Based on the list of projects in Attachment 'C', staff recommend that Council endorse the use of this list as the basis for programming sidewalk capital projects going forward based on availability of budget as defined by Council until the list is exhausted. This prioritized list of sidewalk projects will be reviewed and updated annually by adding new projects from the long list of sidewalk gaps through the five-step process described above.

Addressing requests for sidewalks on local residential streets

It can be challenging obtaining support from residents directly affected by the proposed infill sidewalk project. Therefore, if a request for sidewalks on a local residential street is received, and consensus local support from residents residing on the street is demonstrated for the project, staff recommend that the project be prioritized separately from the priorities identified for the arterial and collector roads.

Addressing requests for sidewalks with a demonstrated public safety issue

Where a sidewalk gap creates a known public safety condition as determined by the Director of Engineering, staff will proceed to program and install the necessary sidewalks without having to confirm community support.

FINANCIAL CONSIDERATIONS AND TEMPLATE:

The current infill sidewalk program for collector and arterial roads has an average annual budget of \$1.2 million. Any additional infill program for residential neighbourhoods to address safety concerns is not anticipated to be a significant amount; however, if necessary the five-year capital plan can be adjusted accordingly. All budget and expenditures will be closely monitored and continue to be subject to Council approval through the budget approval process.

HUMAN RESOURCES CONSIDERATIONS:

Not Applicable.

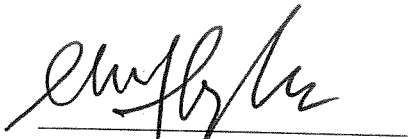
ALIGNMENT WITH STRATEGIC PRIORITIES:

The recommendations contained in this report align with the strategic focus for a Safe & Sustainable Community, through the ongoing management of the City's transportation network. This recommendation is also consistent with the policies of the City Official Plan.

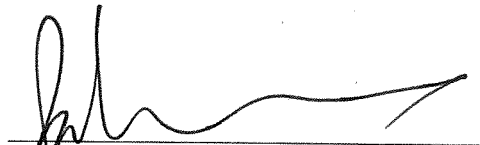
BUSINESS UNITS CONSULTED AND AFFECTED:

Operations Department has been circulated this report, recognizing operations and maintenance impacts associated with additional sidewalks.

RECOMMENDED BY:



Loy Cheah, P.Eng.
Acting Director, Engineering



Brian Lee, P.Eng.
Acting Commissioner, Development Services

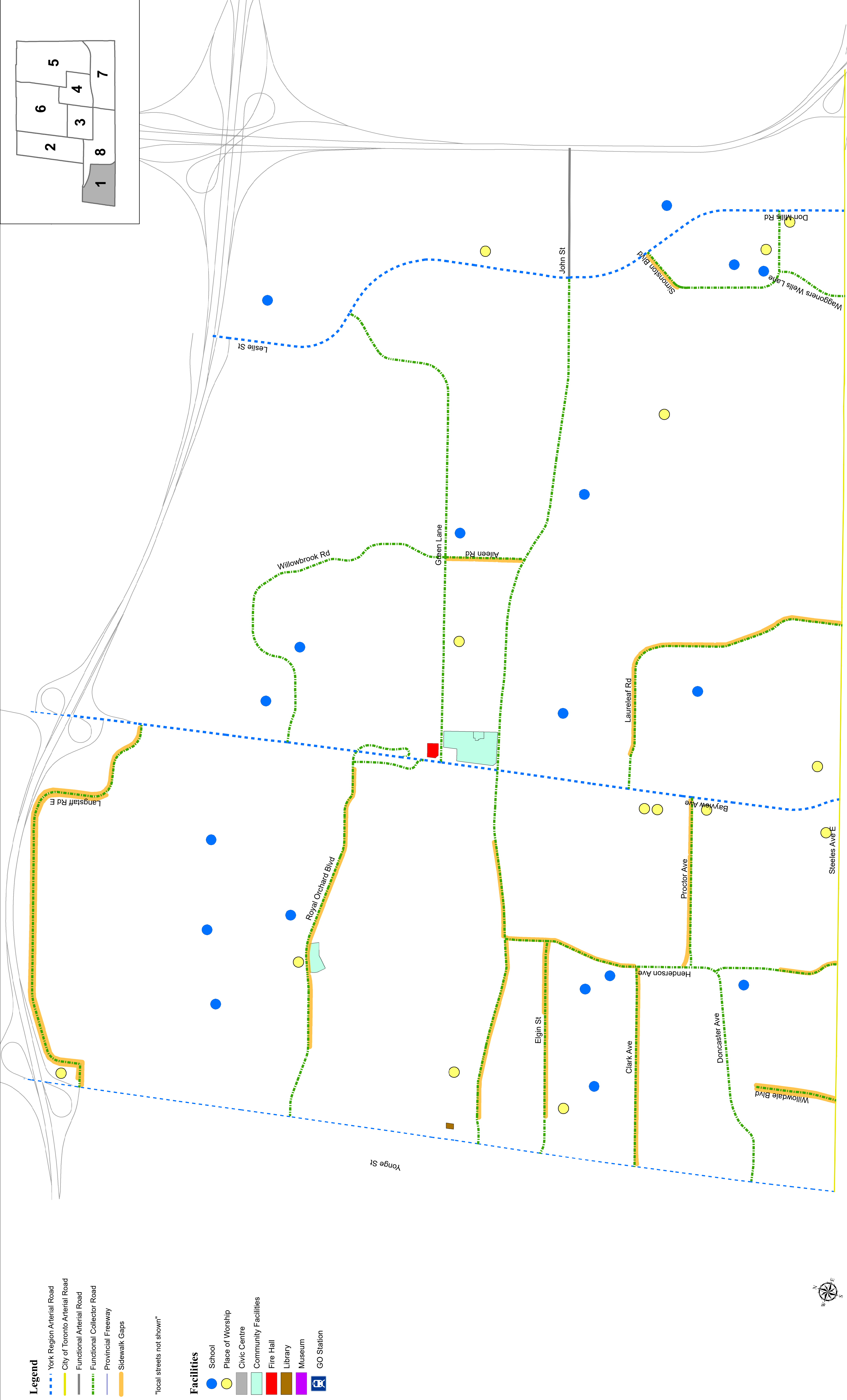
ATTACHMENTS:

Attachment 'A': Sidewalk Inventory and Gaps (Arterial and Collector Roads) – All Wards

Attachment 'B': Long List of Gaps Based on Sidewalk Policy

Attachment 'C': Sidewalk Gaps with Highest Priority .

Attachment 'A' : Sidewalk Inventory and Gaps (Arterial and Collector Roads) - Ward 1



0 0.15 0.3 0.6 0.9 1.2 Kilometers

Document Path: O:\Geomatics\Departments\Engineering\Mark St\Sidewalks\MXD\Sidewalk Gaps Minimal\Sidewalk Gaps Minimal_No Existing Sidewalks_Ward 1.mxd

Attachment 'A' : Sidewalk Inventory and Gaps (Arterial and Collector Roads) - Ward 2

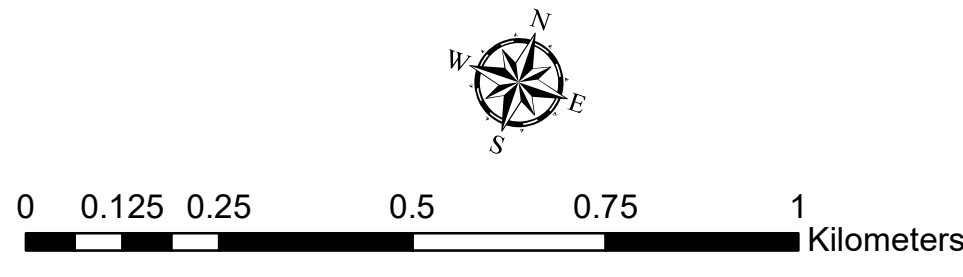
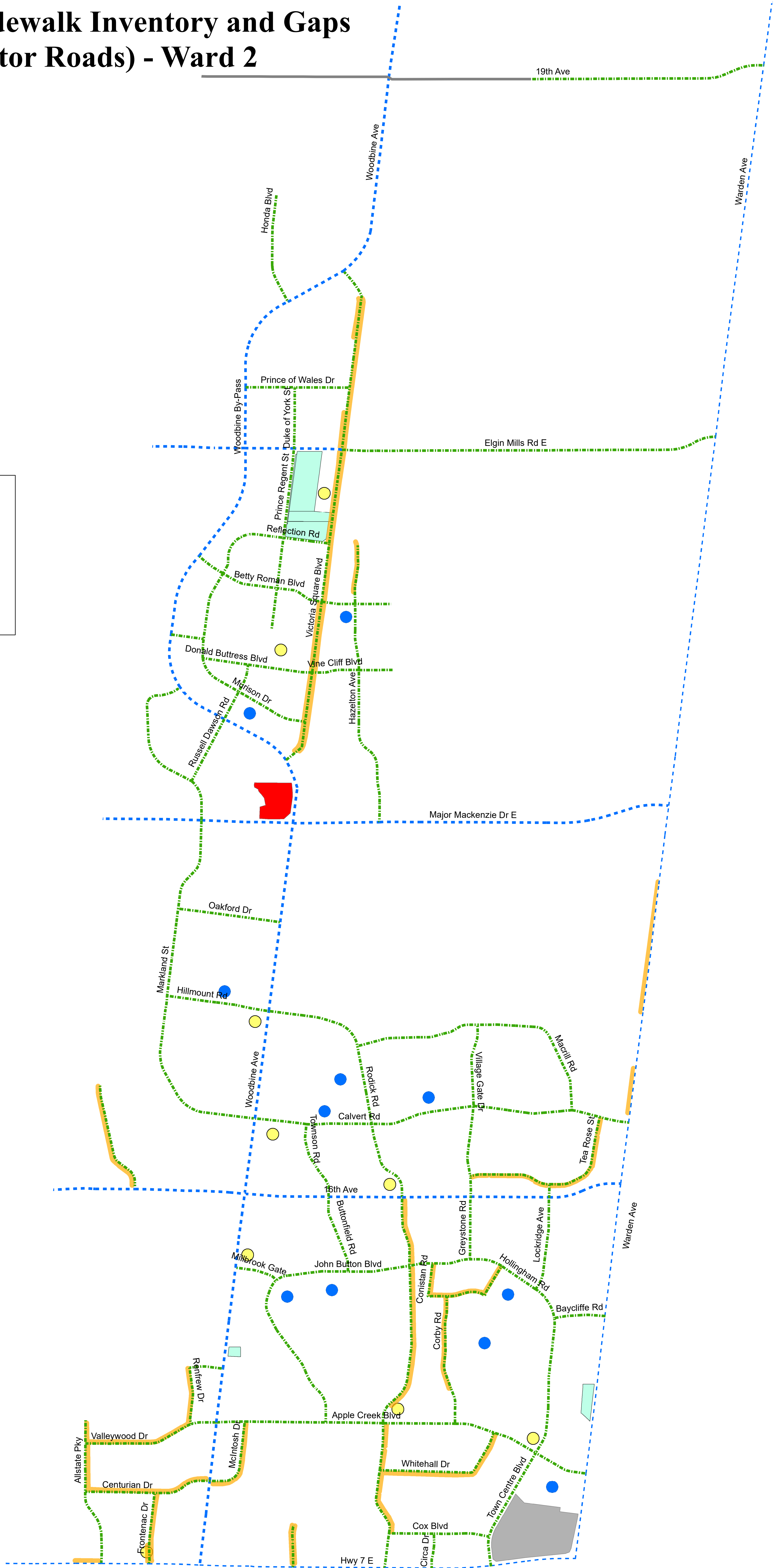
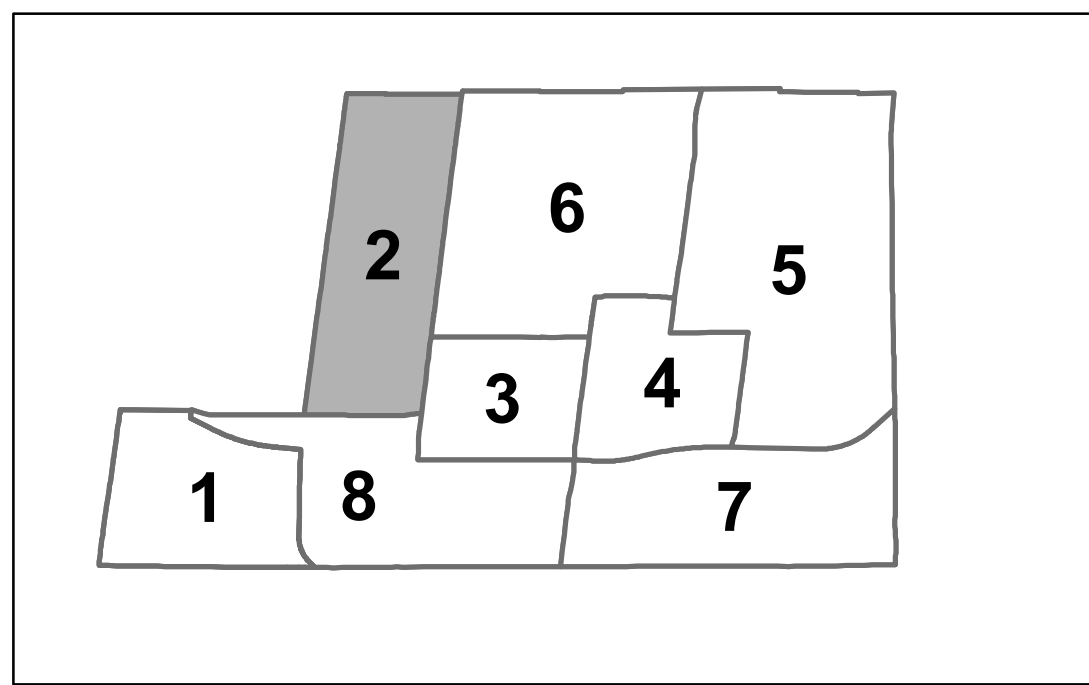
Legend

- - - York Region Arterial Road
- City of Toronto Arterial Road
- Functional Arterial Road
- - - Functional Collector Road
- Provincial Freeway
- Sidewalk Gaps

"local streets not shown"




Facilities

- School
- Place of Worship
- Civic Centre
- Community Facilities
- Fire Hall
- Library
- Museum
- GO Station











Attachment 'A' : Sidewalk Inventory and Gaps (Arterial and Collector Roads) - Ward 3

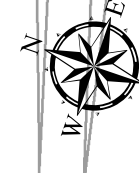
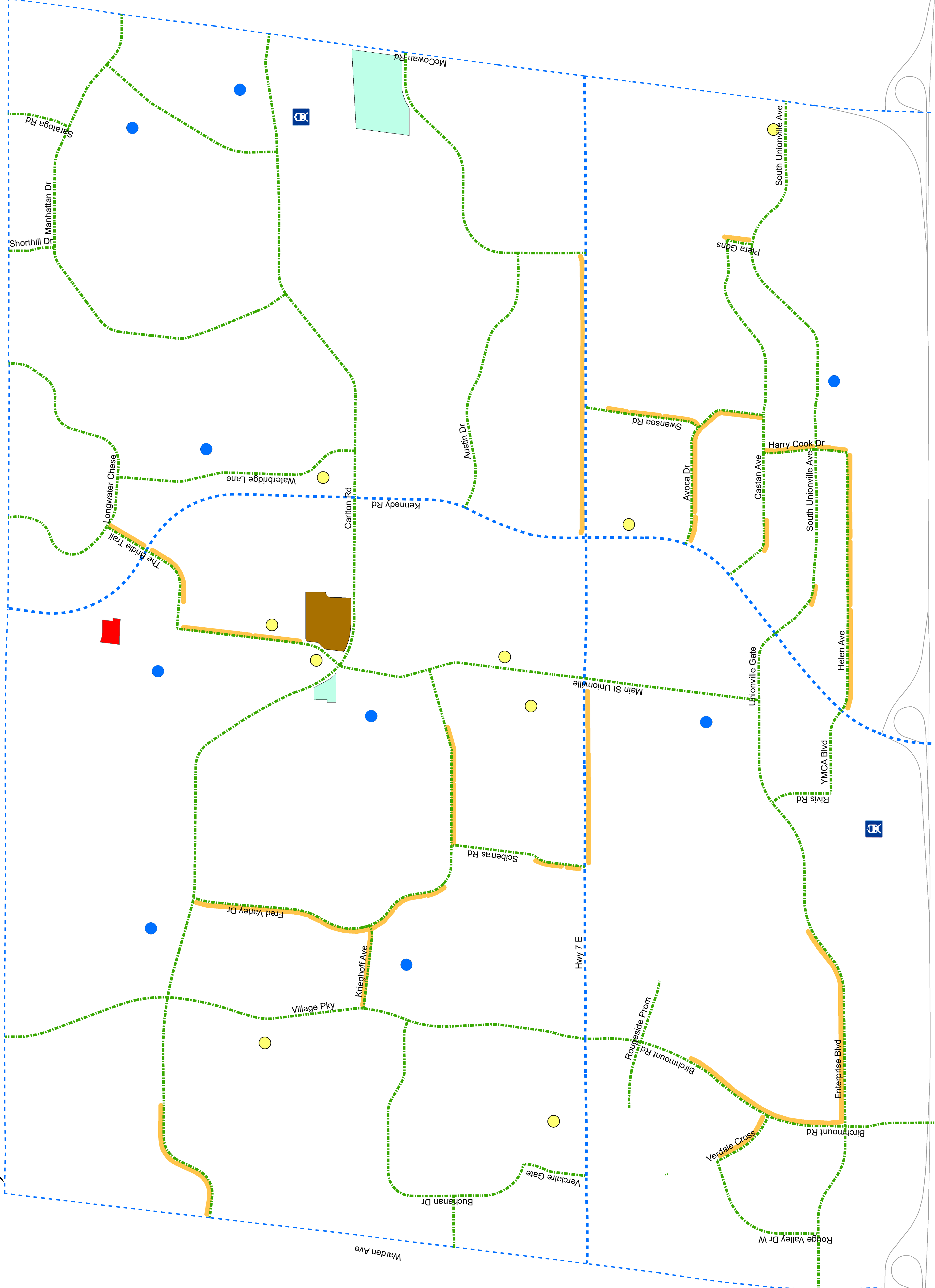
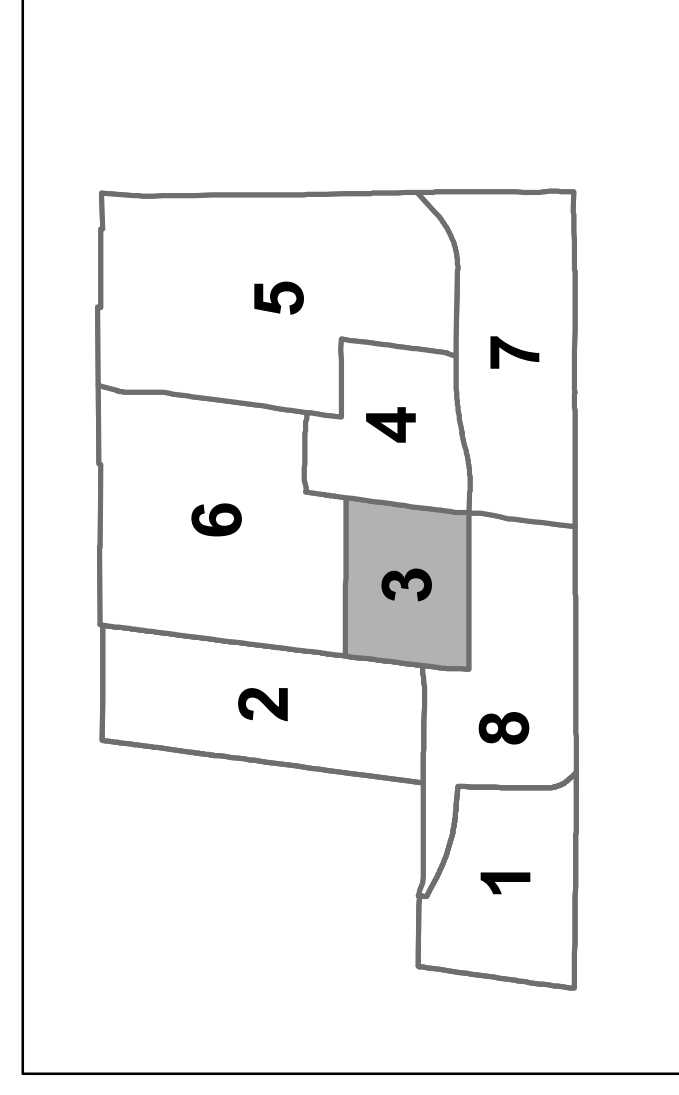
Legend

-  York Region Arterial Road
-  City of Toronto Arterial Road
-  Functional Arterial Road
-  Functional Collector Road
-  Sidewalk Gaps
-  Provincial Freeway

"local streets not shown"

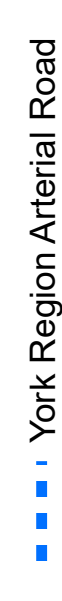
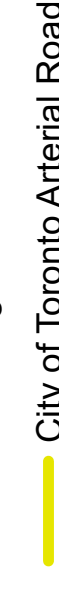
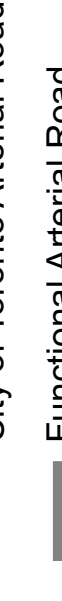
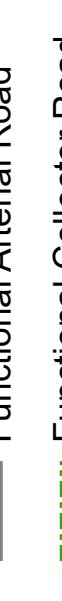
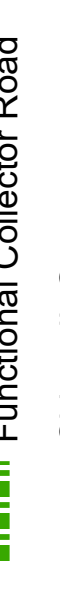

Facilities

-  Place of Worship
-  School
-  GO Station
-  Civic Centre
-  Community Facilities
-  Fire Hall
-  Library
-  Museum











Attachment 'A' : Sidewalk Inventory and Gaps (Arterial and Collector Roads) - Ward 4

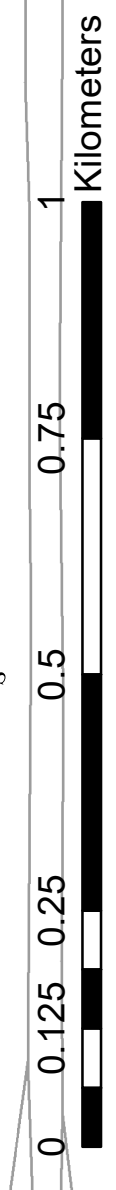
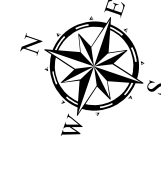
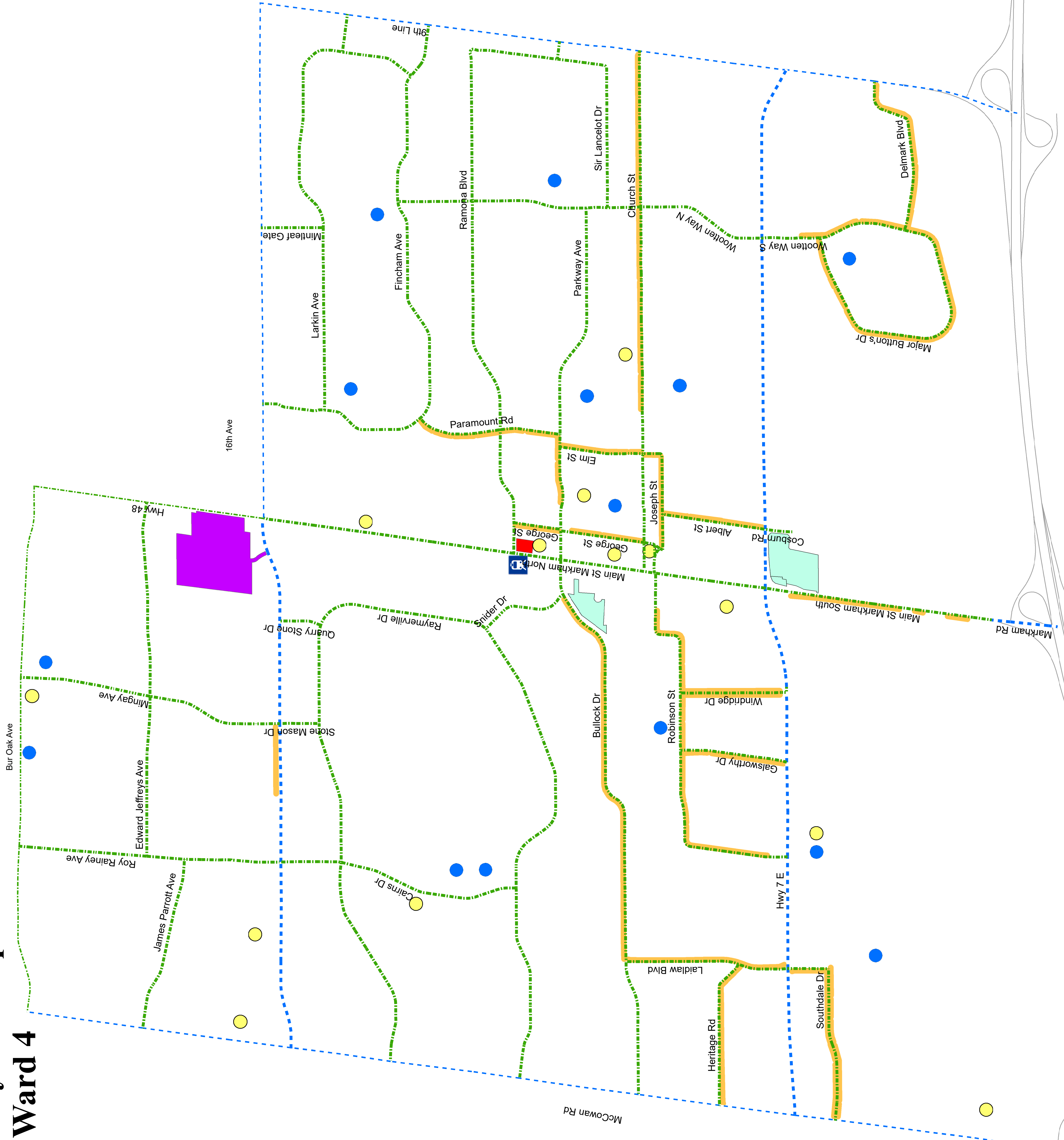
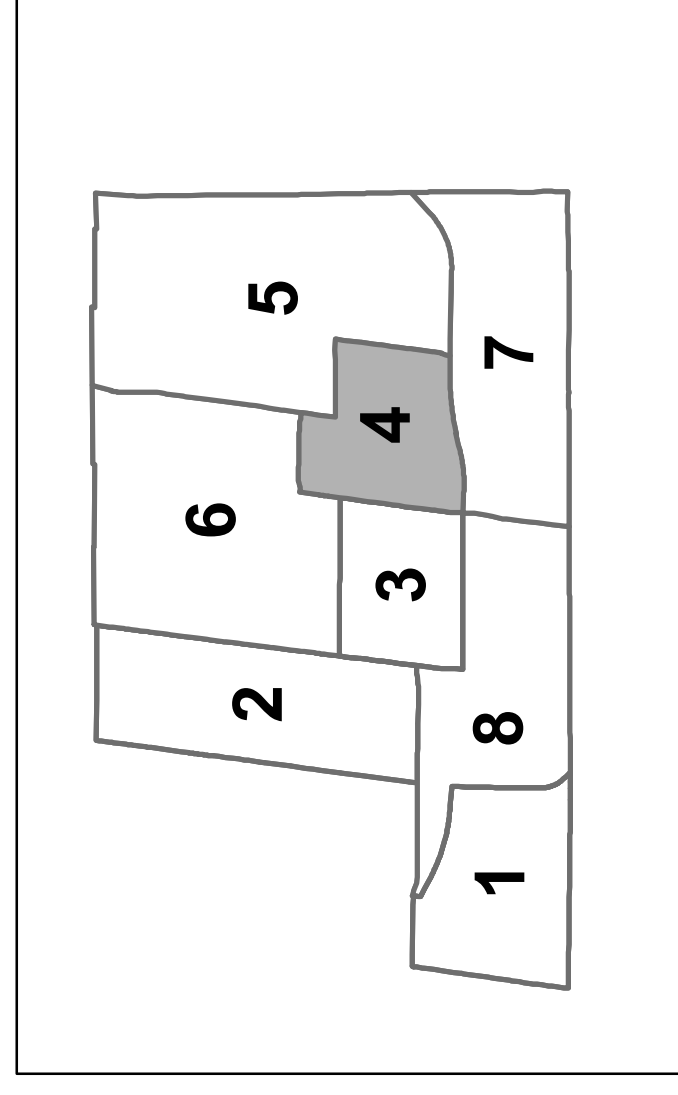
Legend

-  York Region Arterial Road
-  City of Toronto Arterial Road
-  Functional Arterial Road
-  Functional Collector Road
-  Sidewalk Gaps
-  Provincial Freeway

"local streets not shown"



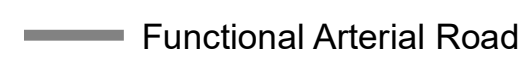
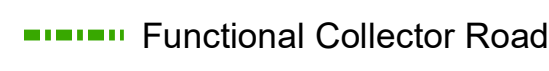


Facilities

-  Place of Worship
-  School
-  Civic Centre
-  Community Facilities
-  Fire Hall
-  Library
-  Museum
-  GO Station



Attachment 'A' : Sidewalk Inventory and Gaps (Arterial and Collector Roads) - Ward 5

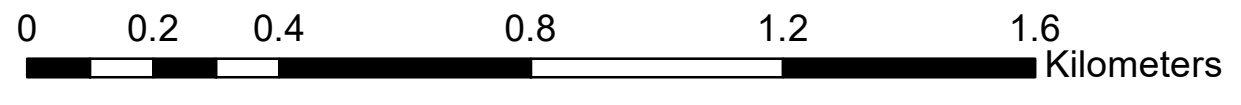
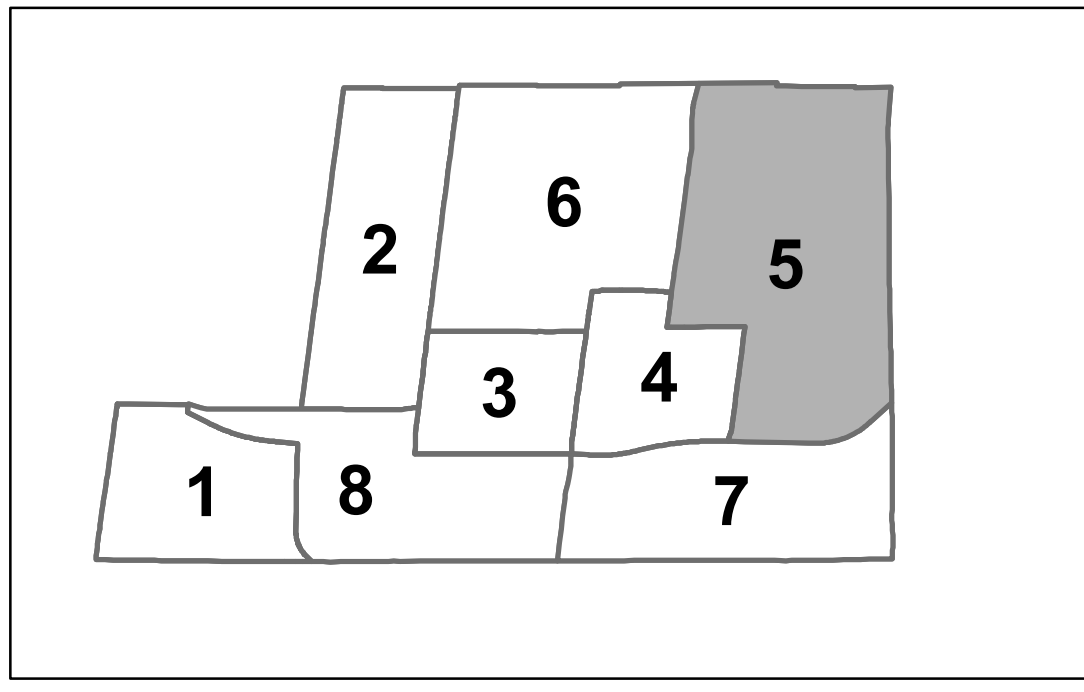
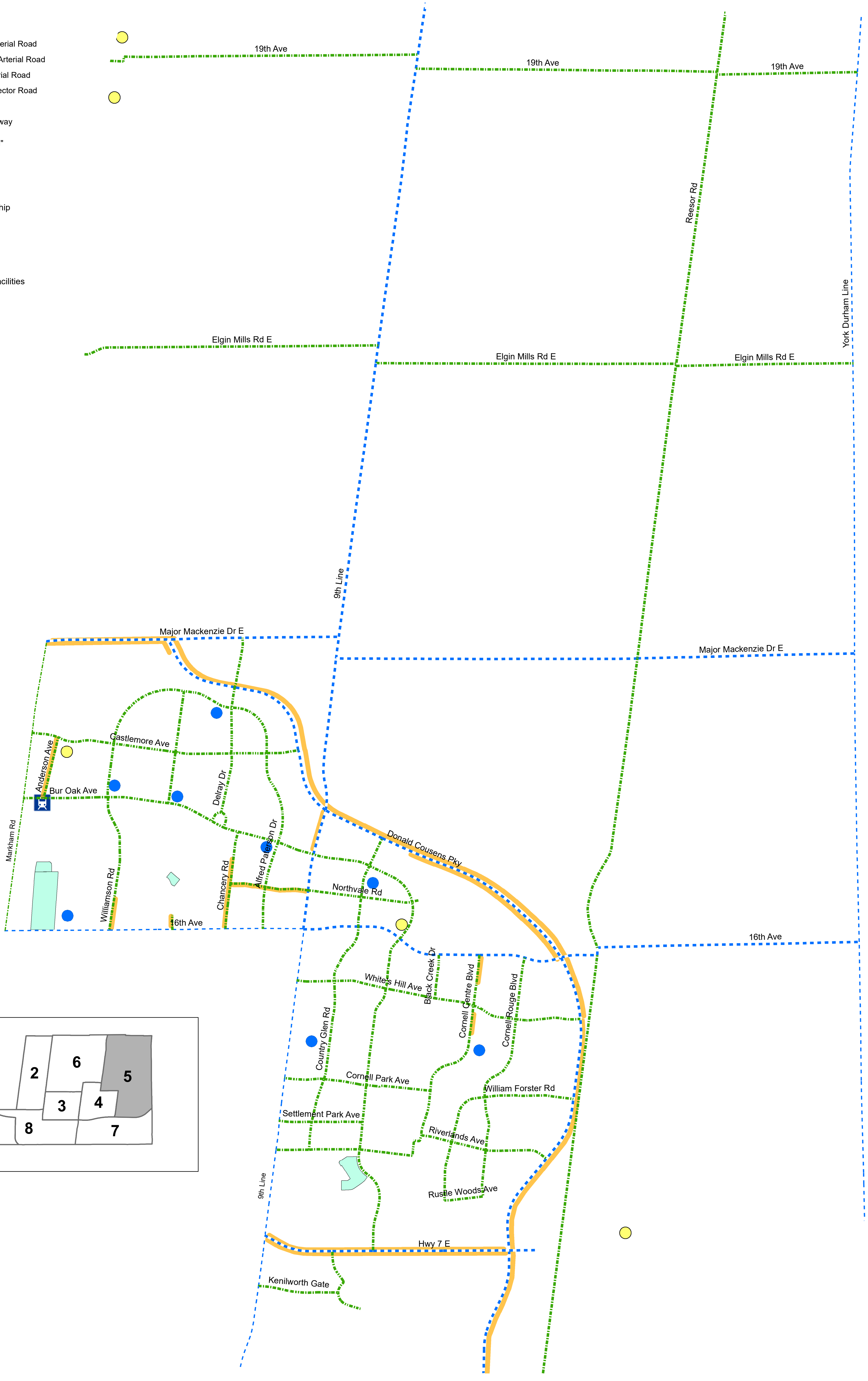
Legend

-  York Region Arterial Road
-  City of Toronto Arterial Road
-  Functional Arterial Road
-  Functional Collector Road
-  Sidewalk Gaps
-  Provincial Freeway

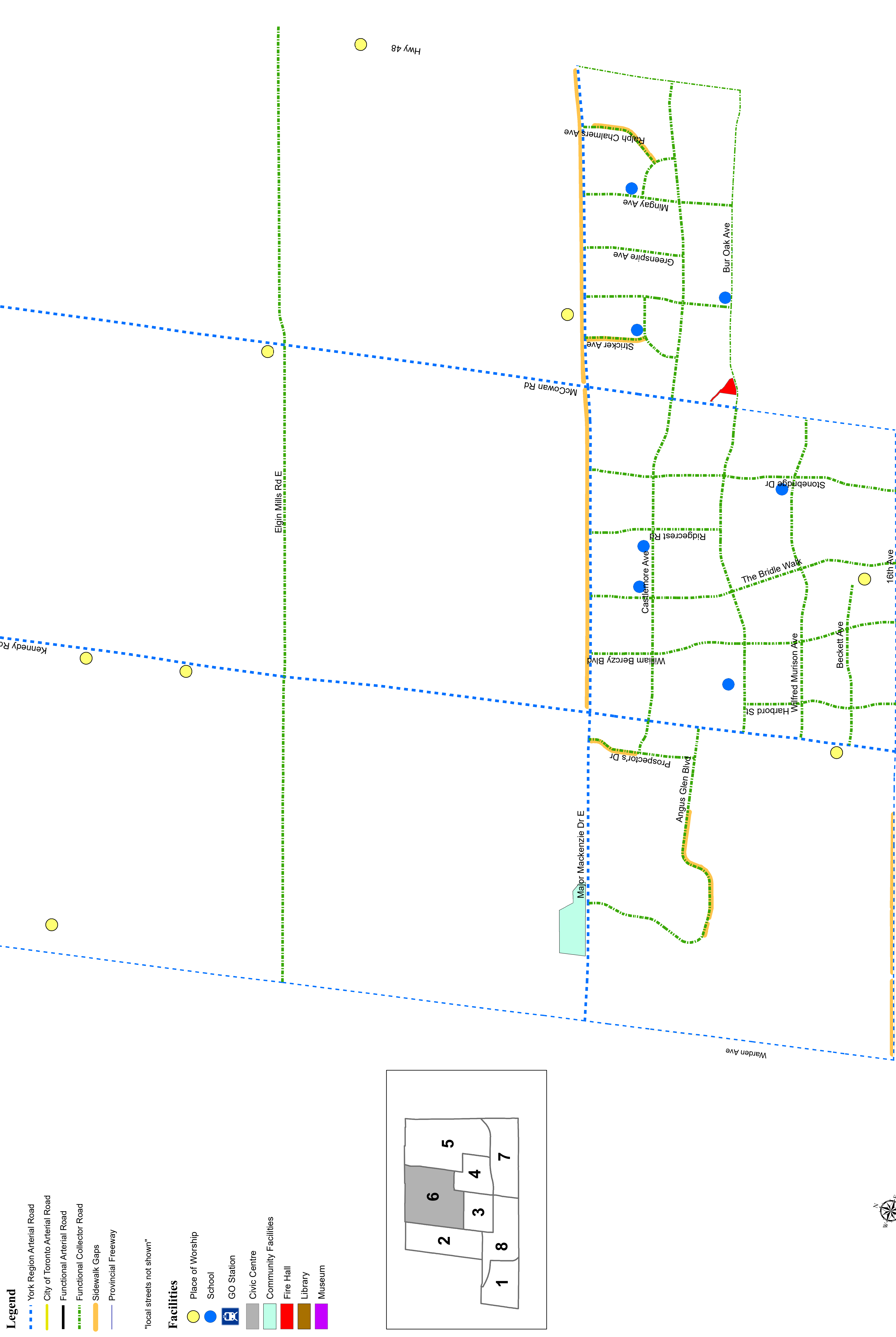
"local streets not shown"

Facilities

-  Place of Worship
-  School
-  GO Station
-  Civic Centre
-  Community Facilities
-  Fire Hall
-  Library
-  Museum



Attachment 'A' : Sidewalk Inventory and Gaps (Arterial and Collector Roads) - Ward 6



Attachment 'A' : Sidewalk Inventory and Gaps (Arterial and Collector Roads) - Ward 7

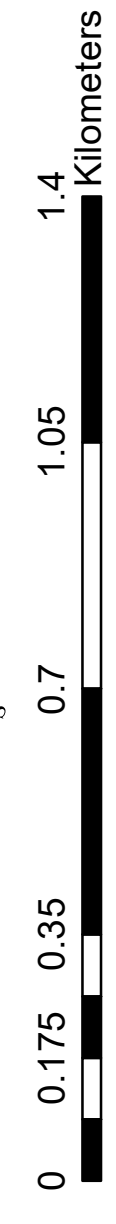
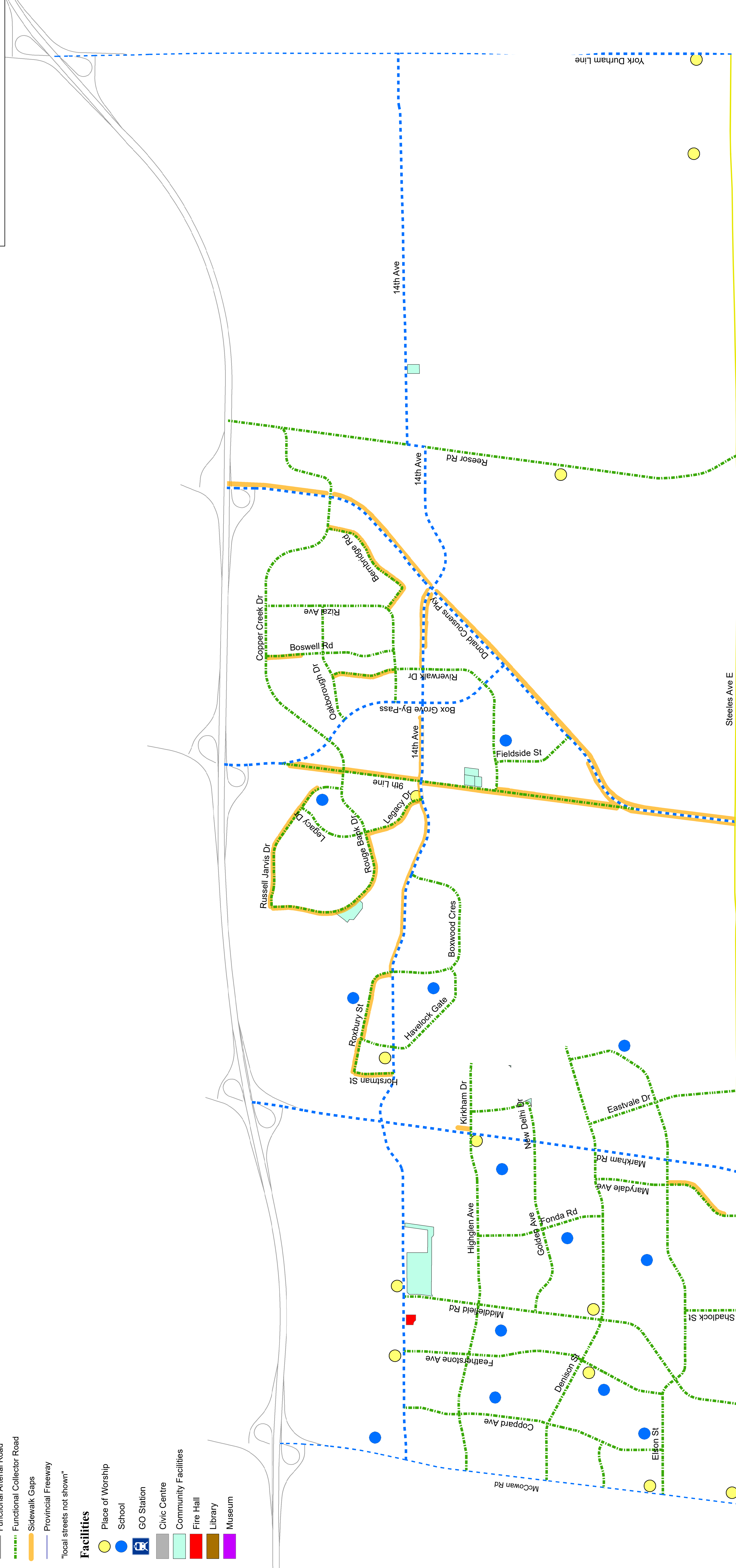
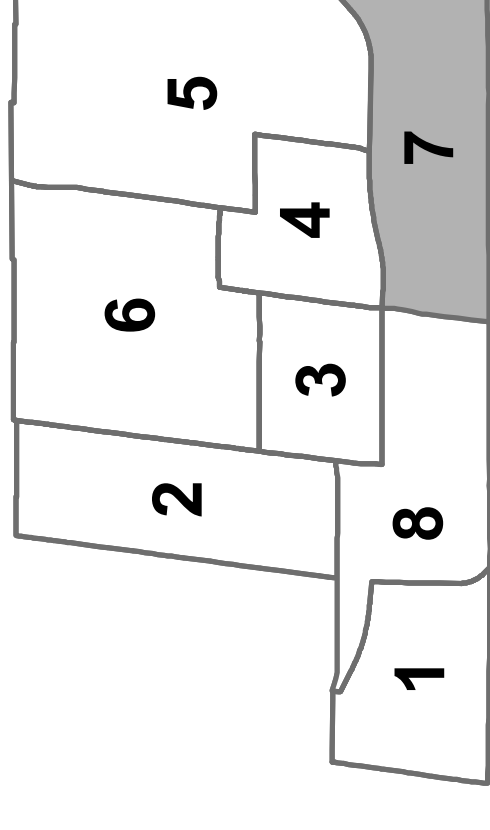
Legend

- York Region Arterial Road
- City of Toronto Arterial Road
- Functional Arterial Road
- Functional Collector Road
- Sidewalk Gaps
- Provincial Freeway

"local streets not shown"

Facilities

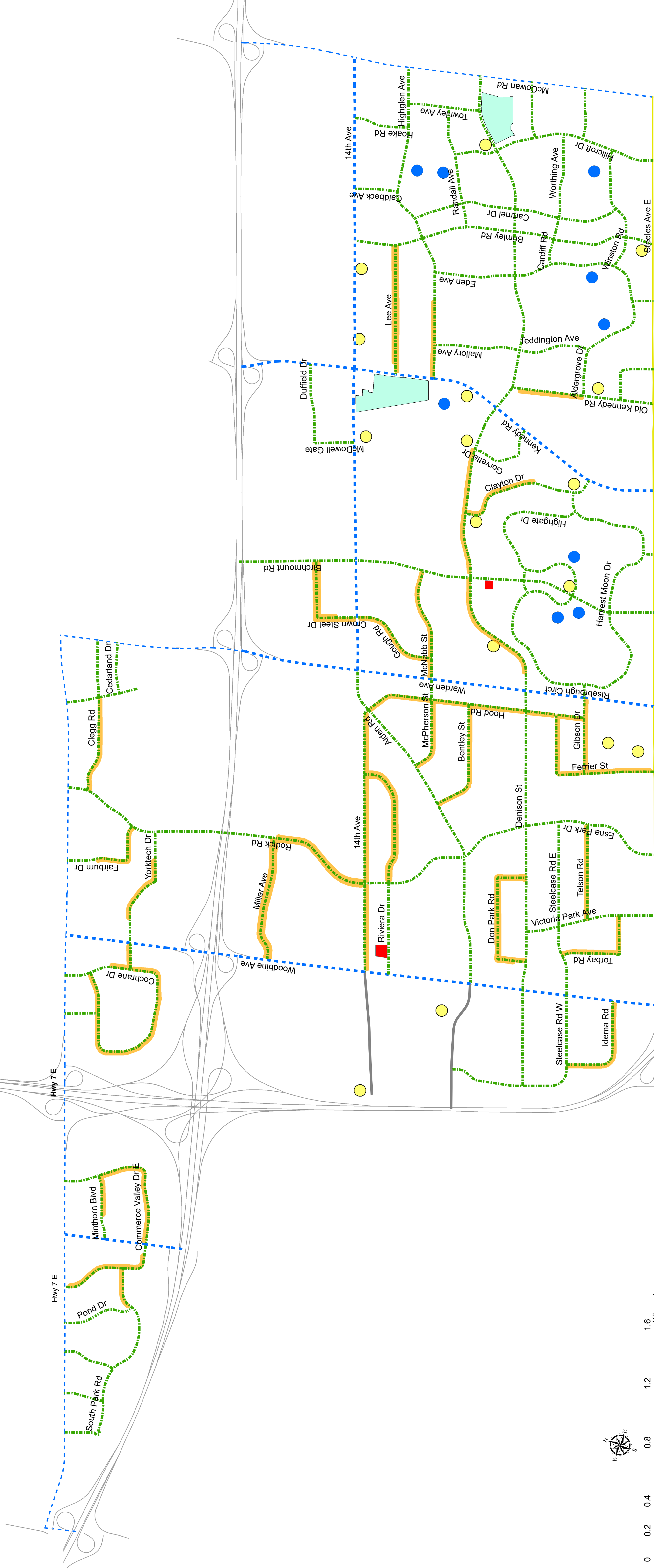
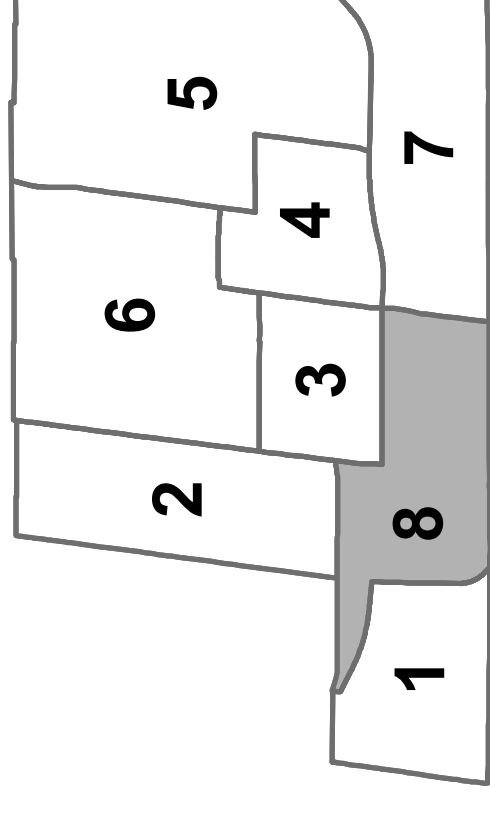
- Place of Worship
- School
- GO Station
- Civic Centre
- Community Facilities
- Fire Hall
- Library
- Museum



Attachment 'A' : Sidewalk Inventory and Gaps (Arterial and Collector Roads) - Ward 8

- Legend**
- York Region Arterial Road
 - City of Toronto Arterial Road
 - Functional Arterial Road
 - Functional Collector Road
 - Sidewalk Gaps
 - Provincial Freeway
- Facilities**
- Place of Worship
 - School
 - GO Station
 - Civic Centre
 - Community Facilities
 - Fire Hall
 - Library
 - Museum

"local streets not shown"



0 0.2 0.4 0.8 1.2 1.6 Kilometers

Attachment 'B' - Long list of Gaps based on Sidewalk Policy

Road Section	Ward	Road Classification	Sidewalk Gap Side	Sidewalk Length (m)
14th Ave - Riverwalk Drive to DCP	7	Arterial	N & S	772
14th Ave - Roxbury st to Box Grove By-pass	7	Arterial	N	1459
16th Ave - Mingay Ave to 250 m west of Mingay Ave	4	Arterial	N	1682
16th Ave - Country Estate to Warden Ave	6	Arterial	N	485
16th Ave - Country Estate to Yorkton Blvd	6	Arterial	N	1024
16th Ave - Mingay Ave to 250 m west of Mingay Ave	7	Arterial	W & E	269
9th Line - Bur Oak to Donald Cousens Parkway	5	Arterial	W	264
Donald Cousens Pky - 450 m east of Country Glen Rd to Pearl Lake	5	Arterial	E	1280
Donald Cousens Pky - 450 m east of Country Glen Rd to 16th Ave	5	Arterial	W	1000
Donald Cousens Pky - Major Mackenzie Dr E to 450 m east of Country Glen Rd	5	Arterial	N	2600
Donald Cousens Pky - William Forster Rd to south of Fieldside st	7	Arterial	SE	4905
Donald Cousens Pky - Sanders Dr to Steeles Ave	7	Arterial	E & W	2000
Hwy 7 E - Sciberras Rd to Main St. Unionville	3	Arterial	S	306
Hwy 7 E - Second St to Bullock Dr	3	Arterial	N	853
Hwy 7 E - 9th Line to DCP	5	Arterial	N & S	3396
Major Mackenzie Dr E -Kennedy Road to DCP	6	Arterial	N	5017
Markham Road - North of Kirkham Dr to 60 m North of Kirkham Dr	7	Arterial	E	70
Warden Ave - Calvert Ave to Cachet Parkway	2	Arterial	W	958
Aileen Rd - John St to Green Lane	1	Collector	W	349
Albert St - Joseph St to Highway 7	4	Collector	E	380
Allstate Pky - Centurian Drive to North of Valleywood Dr	2	Collector	E	340
Anderson Ave - Buroak Ave to Castlemore Ave	5	Collector	W	412
Angus Glen Blvd - Royal Troons Cres to Royal County Down Cres	6	Collector	S	857
Avoca Dr - Kennedy Rd to Castan Ave	3	Collector	S	613
Bentley St - Alden Rd to Hood Rd	8	Collector	S	761
Bernbridge Rd - Rizal Ave to Copper Creek Dr	7	Collector	SE	643
Birchmount Rd - 100 m north of Rouge Valley Dr to Enterprise Blvd	3	Collector	E	585
Bullock Dr - Laidlaw Blvd to Snider Dr	4	Collector	N	1531
Cachet Woods Crt - 16th Avenue to End	2	Collector	W	594
Carlton Rd - Warden Ave to Braitewaite Rd	3	Collector	N	453
Castan Ave - Unity Gardens Dr to Ray St	3	Collector	S	108
Centurian Dr - Allstate Parkway to Woodbine Ave	2	Collector	N	658
Chancery Rd - 16th Ave - Reston Ridge St	5	Collector	W	469
Church St - East of Elm Street to 9th line	4	Collector	N	1371
Clark Ave -Yonge St. To Dudley Ave	1	Collector	S	993
Clayton Dr - Denison St to Whistler Ct	8	Collector	E	542
Clegg Rd - South Town Centre to Rodick Rd	8	Collector	S	629
Cochrane Dr - Perth Ave to Cochrane Dr	8	Collector	N, W, E & S	1608
Commerce Valley Dr E - Minthorn Blvd to Leslie Ave	8	Collector	N & W	789
Commerce Valley Dr W - Leslie Ave to Highway 7	8	Collector	N & E	599
Conistan Rd - Hollingham Rd to Hollingham Rd	2	Collector	N	587
Conservation Ave - Southdale Dr to Highway 7	4	Collector	W	141
Corby Rd - Conistan Rd to Ellingwood Ct	2	Collector	W	467
Cornell Centre Blvd - White Hills to 16th Ave	5	Collector	E	301
Crown Steel Dr - 14th Ave to Royal Crest Ct	8	Collector	W & E	356
Delmark Blvd - Wootten Way to 9th Line	4	Collector	S	636
Denison St - Birchmount Rd to Milliken Meadows Dr	8	Collector	N	838
Denison St - Warden Ave to Birchmount Rd	8	Collector	N	794
Don Park Rd - Denison Ave to Denison Ave	8	Collector	N & S	1752
Elgin St - Albion close to Henderson Ave	1	Collector	N & S	1235
Elm St - Joseph Street to Parkway Ave	4	Collector	E	368
Enterprise Blvd - Birchmount Rd to Post Rd	3	Collector	N	193
Enterprise Blvd - Post Rd to 150 Enterprise Blvd	3	Collector	N	264
Fairburn Dr - Highway 7 to Rodick Rd	8	Collector	SW	435
Ferrier St - Hood Rd to Steeles Ave	8	Collector	SE	996
Fred Varley Dr - Carlton Rd to EJ Lennox Way	3	Collector	W & S	1148
Frontenac Dr - Highway 7 to Centurian Dr	2	Collector	W & E	452
Galsworthy Dr - highway 7 to Robinson St	4	Collector	W	379
George St - Joseph St to Ramona Blvd	4	Collector	E & W	451
Gibson Dr - Ferrier St to Warden Ave	8	Collector	S	488
Gough Rd - Alden Rd to McNabb st	8	Collector	W	585
Harry Cook Dr - Castan Ave to Helen Ave	3	Collector	E	428

Road Section	Ward	Road Classification	Sidewalk Gap Side	Sidewalk Length (m)
Hazelton Ave - Stony Hill Blvd to Rinas Ave	2	Collector	w	276
Helen Ave - Kennedy Rd to Harry Cook Dr	3	Collector	S	855
Henderson Ave - Steeles Ave to Grandview Ave	1	Collector	E	970
Heritage Rd - McCowan Rd to Laidlaw Blvd	4	Collector	S	578
Highglen Ave - Kennedy Rd to Noble St	8	Collector	N	486
Hood Rd - Alden Rd to Gibson Dr	8	Collector	W	1327
Horstman St - 14th Ave to Roxbury St	7	Collector	W	199
Idema Rd - Steelcase Rd to Woodbine Ave	8	Collector	SW	703
John St - Pomona Mills Tennis Club to Henderson Ave	1	Collector	N	913
John St - Confederation Way to Henderson Ave	1	Collector	S	481
Joseph St - George St to Elm St	4	Collector	N	353
Krieghoff Ave - Village Parkway to Fred Varley Dr	3	Collector	N	270
Laidlaw Blvd - Bullock Dr to Highway 7	4	Collector	E	631
Lanark Rd - Cochrane Dr to Woodbine Ave	8	Collector	N	148
Langstaff Rd E - Bayview Ave to Yonge St	1	Collector	N & S	4108
Laureleaf Rd - Ladyslipper Ct to Steeles Ave	1	Collector	E	1470
Lee Ave - Kennedy Rd to Brimley Rd	8	Collector	N & S	1595
Legacy Dr - cottontail Ave to 14th Ave	7	Collector	SW	408
Main St Markham South - Mill St to James Scott Rd	4	Collector	W	114
Main St Markham South - Old Wellington Rd to Mill St	4	Collector	W	438
Main St Unionville - Library Ln to The Bridle Trail	3	Collector	E	392
Major Button's Dr - Wootten Way to Delmark Blvd	4	Collector	N, W & S	1191
Marydale Ave - Elson St to Steeles Ave	7	Collector	E	412
McIntosh Dr - Woodbine Avenue to Apple Creek Blvd	2	Collector	S & E	440
McNabb St - Warden Ave to Birchmount Rd	8	Collector	N	710
McPherson St - Alden Rd to Hood Rd	8	Collector	S	488
Miller Ave - Rodick Rd to Woodbine Ave	8	Collector	N & S	1639
Minthorn Blvd - Commerce Valley Dr to 358 Minthorn	8	Collector	S	259
Montgomery Blvd - Highway 7 to Athens Dr	2	Collector	E & W	400
Old 9th Line - BoxGrove by-pass to Rougebank Dr	7	Collector	E & W	400
Old 9th Line -Rougebank Dr to 14th Ave	7	Collector	E	462
Old 9th Line - Riverwalk Dr to 14th Ave	7	Collector	W	441
Old 9th Line - Riverwalk Dr to Sanders Dr	7	Collector	W & E	1152
Old 9th Line - Sanders Dr to end of Sanders Dr	7	Collector	W & E	170
Old Kennedy Rd - Dension St to Aldergrove Dr	8	Collector	W	423
Paramount Rd - Fincham Ave to Parkway Ave	4	Collector	W	498
Parkway Ave - Orchard St to Paramount Rd	4	Collector	N	246
Piera Gdns - South Unionville Ave to Castan Ave	3	Collector	E	87
Proctor Ave - Henderson Ave to Bayview Ave	1	Collector	N	831
Prospector's Dr - Major Mackenzie Dr to The Fairways	6	Collector	W	296
Ralph Chalmers Ave - Fred McLaren Blvd to Major Mackenzie Dr E	6	Collector	E	434
Renfrew Dr - Valleywood Dr to Hooper Rd	2	Collector	W	265
Riverwalk Dr - Oakborough Dr to Rizal Ave	7	Collector	W	317
Riviera Dr - Rodick Rd to 14th Ave	8	Collector	N & S	1682
Robinson St - Highway 7 to Water St	4	Collector	SE	1255
Rodick Rd - Cox to 16th Ave	2	Collector	E	1669
Rodick Rd -14th Ave to Miller Ave	8	Collector	W & E	1376
Rouge Bank Dr - Russell Jarvis to Silver Flower	7	Collector	W & S	556
Roxbury St - Horstman St to 14th Ave	7	Collector	N & S	605
Royal Crest Crt - Crown Steel Dr to Birchmount Rd	8	Collector	N	756
Royal Orchard Blvd - Wild Cherry Ln to Bayview Ave	1	Collector	S	1437
Russell Jarvis Dr - Rougebank Dr to Wild Thrush Ave	7	Collector	N	761
Sciberras Rd - Ferrah St to Highway 7	3	Collector	W	136
Simonston Blvd - Don Mills Rd to German Mills Rd	1	Collector	N	205
South Park Rd - Pond Dr to Commerce Valley	8	Collector	W	259
South Unionville Ave - Unity Garden Rd to 70 m east of Unity Garden Rd	3	Collector	S	65
Southdale Dr - McCowan Rd to Conservation Ave	4	Collector	N & S	1115
Stricker Ave - Hammersly Blvd to Major Mackenzie	6	Collector	W	368
Swan Lake Blvd - 16th Ave to 65m north of 16th Ave	5	Collector	W	67
Swansea Rd - Avoca Dr to Highway 7	3	Collector	E	122
Tea Rose St - Calvert Rd to Village Gate Dr	2	Collector	S	101
Telson Rd - Victoria Park Ave to Steelcase Rd east	8	Collector	N	66
The Bridle Trail - Longwater Chase to Basswood Hollow	3	Collector	SE	863

Road Section	Ward	Road Classification	Sidewalk Gap Side	Sidewalk Length (m)
Torbay Rd - Steelcase Rd E to Victoria Park Ave	8	Collector	NE	628
Valleywood Dr - Allstate Blvd to Renfrew Dr	2	Collector	N	354
Verdale Crossing - Rouge Valley Dr to Birchmount Ave	3	Collector	NE	621
Victoria Square Blvd - Vetmar Rd to Woodbine By-pass	2	Collector	W & E	606
Victoria Wood Ave - Chancery Rd to 9th Ln	5	Collector	S	208
Whitehall Dr - Rodick Rd to Apple Creek Blvd	2	Collector	S	4177
Williamson Rd - 16th Ave to Willow Trail	5	Collector	E	482
Willowdale Blvd -Steeles Ave to Highland Park Blvd	1	Collector	W & E	742
Windridge Dr - Robinson St to Highway 7	4	Collector	W & E	207
Wootten Way S - Hwy 7 to Major Button's Dr	4	Collector	E	793
Yorktech Dr - 232 Yorktech Dr to Woodbine Ave	8	Collector	N	781
Wootten Way S - Hwy 7 to Major Button's Dr	4	Collector	E	401
Yorktech Dr - 232 Yorktech Dr to Woodbine Ave	8	Collector	N	459
GRAND TOTAL				109115

Attachment 'C' - Sidewalk Gaps with Highest Priority

Road Section	Ward	Road Classification	Sidewalk Length (m)
14th Ave - Riverwalk Drive to DCP	7	Arterial	772
14th Ave - Roxbury st to Box Grove By-pass	7	Arterial	1459
16th Ave - Mingay Ave to 250 m west of Mingay Ave	4	Arterial	1682
16th Ave - Country Estate to Warden Ave	6	Arterial	485
16th Ave - Country Estate to Yorkton Blvd	6	Arterial	1024
16th Ave - Mingay Ave to 250 m west of Mingay Ave	7	Arterial	269
Donald Cousens Pky - 450 m east of Country Glen Rd to 16th Ave	5	Arterial	1000
Hwy 7 E - Sciberras Rd to Main St. Unionville	3	Arterial	306
Markham Road - North of Kirkham Dr to 60 m North of Kirkham Dr	7	Arterial	70
Warden Ave - Calvert Ave to Cachet Parkway	2	Arterial	958
Allstate Pky - Centurian Drive to North of Valleywood Dr	2	Collector	340
Angus Glen Blvd - Royal Troons Cres to Royal County Down Cres	6	Collector	857
Centurian Dr - Allstate Parkway to Woodbine Ave	2	Collector	658
Church St - East of Elm Street to 9th line	4	Collector	1371
Cochrane Dr - Perth Ave to Cochrane Dr	8	Collector	1608
Commerce Valley Dr E - Minthorn Blvd to Leslie Ave	8	Collector	789
Commerce Valley Dr W - Leslie Ave to Highway 7	8	Collector	599
Elgin St - Albion close to Henderson Ave	1	Collector	1235
Fred Varley Dr - Carlton Rd to EJ Lennox Way	3	Collector	1148
Frontenac Dr - Highway 7 to Centurian Dr	2	Collector	452
Harry Cook Dr - Castan Ave to Helen Ave	3	Collector	428
Hazelton Ave - Stony Hill Blvd to Rinas Ave	2	Collector	276
Henderson Ave - Steeles Ave to Grandview Ave	1	Collector	970
Highglen Ave - Kennedy Rd to Noble St	8	Collector	486
John St - Pomona Mills Tennis Club to Henderson Ave	1	Collector	913
Krieghoff Ave - Village Parkway to Fred Varley Dr	3	Collector	270
Laidlaw Blvd - Bullock Dr to Highway 7	4	Collector	631
Lanark Rd - Cochrane Dr to Woodbine Ave	8	Collector	148
Lee Ave - Kennedy Rd to Brimley Rd	8	Collector	1595
Legacy Dr -cottontail Ave to 14th Ave	7	Collector	408
Main St Markham South - Mill St to James Scott Rd	4	Collector	114
Main St Unionville - Library Ln to The Bridle Trail	3	Collector	392
Miller Ave - Rodick Rd to Woodbine Ave	8	Collector	1639
Minthorn Blvd - Commerce Valley Dr to 358 Minthorn	8	Collector	259
Montgomery Blvd - Highway 7 to Athens Dr	2	Collector	400
Old 9th Line - Riverwalk Dr to 14th Ave	7	Collector	441
Proctor Ave - Henderson Ave to Bayview Ave	1	Collector	831
Rodick Rd -14th Ave to Miller Ave	8	Collector	1376
Rouge Bank Dr - Russell Jarvis to Silver Flower	7	Collector	556
Roxbury St - Horstman St to 14th Ave	7	Collector	605
Royal Orchard Blvd - Wild Cherry Ln to Bayview Ave	1	Collector	1437
Russell Jarvis Dr - Rougebank Dr to Wild Thrush Ave	7	Collector	761
Valleywood Dr - Allstate Blvd to Renfrew Dr	2	Collector	354
Windridge Dr - Robinson St to Highway 7	4	Collector	207
GRAND TOTAL			32578