



Report to: Development Services Committee

Report Date: November 19, 2018

SUBJECT: Arterial and Collector Road Sidewalk Completion Program,
All Wards

PREPARED BY: Loy Cheah, Senior Manager, Transportation, Ext. 4838

- 1) That the report entitled “Arterial and Collector Road Sidewalk Completion Program, All Wards” be received; and,
- 2) That the annual sidewalk capital program to close network gaps over the period of 2019 to 2028 be prioritized based on the projects in Attachment ‘C’ until the project list is exhausted or projects are eliminated; and,
- 3) That staff be directed to develop a public communications plan for the sidewalk network completion program starting in 2019; and,
- 4) That staff be authorized and directed to do all things necessary to give effect to this resolution.

PURPOSE:

This report summarizes the program planning, resource implications and public communications plan required to facilitate the sidewalk completion program for the City’s arterial and collector road network. Staff is seeking Council approval to carry out this program.

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 report recommended that sidewalk gaps on arterial and collector roads be prioritized as most community amenities and services (e.g. employment areas, schools, public transit, community institutions, etc.) tend to be located along these corridors. Council endorsed the report recommendations.

On November 13, 2017, DSC received a further staff report entitled “City-wide Infill Sidewalk Five-Year Capital Plan”. The report summarized the process and methodology with respect to identifying and closing sidewalk gaps in the City’s sidewalk network along arterial and collector roads. A proposed 5-year capital plan was outlined, where higher priority locations would be completed over the period of 2019 to 2023. Council endorsed the report recommendations as well.

At the December 5, 2017 DSC meeting, Deputy Mayor Heath reported on follow-up discussions with staff regarding the sidewalk program timelines (i.e. completing the sidewalk program in a shorter timeframe) and the need to establish a public communications plan and advised that staff was requested to report back in 2018.

DISCUSSION:

Preliminary review of sidewalk gaps on arterial and collector roads is complete

Subsequent to the November 2017 report and the follow-up meeting with Deputy Mayor Heath, staff have conducted a preliminary review of the entire 111.6 km of sidewalk gaps against a number of factors as described below:

1. 4.3 km of the sidewalk gaps are in the 2018 construction program and will be completed by the end of 2018 or the first half of 2019.
2. 13.9 km of sidewalk gaps that are on urban boundary roads with no developments on that side of the road, and where there is a sidewalk on the other side of the road, have been excluded from the gaps list for the time being. These sidewalk gaps will be brought back for future consideration when land development proceeds along these roads.
3. City staff have reviewed the remaining sidewalk gaps against other capital programs as well as development construction projects to determine if each 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 development project, the sidewalk gap will be constructed as part of the development project and therefore does not need to be identified in the City's sidewalk construction program. 21.1 km of sidewalk gaps were identified to be in this category.
4. Staff have also completed a preliminary feasibility review of the remaining sidewalk gaps to determine if significant costs of construction is required due to land/property requirements and/or utility relocations. In instances where very high implementation costs would be incurred to fill the sidewalk gap, and where there is already a sidewalk on the other side of the street, these gaps have been moved to a separate sidewalk gaps list and subject to future considerations. 7.7 km of sidewalk gaps were identified in this group and were excluded from the main list of sidewalk gaps.

These subsets of sidewalk gaps that have been separated or removed from the main sidewalk gaps list are shown in Attachment 'A' as Tables A.1 through to A.4.

This means that the total amount of sidewalk gaps on arterial and collector roads that remains to be constructed is now at 85.7 km as summarized in Table 1 and shown in Attachment 'B' for each electoral Ward.

Table 1: Remaining Sidewalk Gaps

Sidewalk Gaps	Length (km)
Total gaps (A)	111.6
Under construction (B)	4.3
Outside of urban boundary (C)	13.9
Deferred due to constructability issues (D)	7.7
Remaining gaps (E) = (A) – (B) – (C) – (D)	85.7
To be constructed through other projects (F)	21.1
To be programmed (G) = (E) – (F)	64.6

64.6 km of sidewalk gaps to be programmed for construction

Based on the above preliminary feasibility review and opportunities for coordination with other capital infrastructure projects, after excluding the 21.1 km of sidewalk gaps that will be constructed through development construction or other capital programs (listed in Table A.3), 64.6 km of sidewalk gaps remains in the arterial and collector sidewalk network for inclusion in the City sidewalk construction program. The list of these sidewalk gaps with some basic parameters (project location, length of gap, arterial or collector road) is shown in Attachment 'C'.

Feasibility studies and detailed designs are required prior to construction

Although preliminary feasibility review and prioritization of the remaining sidewalk gaps on arterial and collector roads have been completed, additional work is required prior to programming the priorities into annual capital plans. A detailed feasibility study is required to confirm that there are no potentially significant impacts such as land/property requirements, conflicts with utilities, higher than anticipated capital cost, which may lead to a delay and/or further studies of the sidewalk project. Feasibility studies and detailed designs should be undertaken at least one year (more if property acquisition is required) prior to the commencement of construction. For example, if construction were to commence in 2020, feasibility studies and detailed designs for the scheduled locations would need to be completed in 2019 or earlier.

Sidewalk gap program could be completed in 10 years subject to funding plan

As noted in the May 23, 2017 report, the average annual capital budget of \$1.2 million provides for the construction of approximately 4 to 5 km of sidewalks. To complete the sidewalk gap program in 10 years, an average of 6.5 km of sidewalks would need to be constructed annually. As explained in the Financial Consideration section below, the capital cost for delivering this program will be included for consideration in the next update of the Development Charges Bylaw which is anticipated in 2022.

Of the remaining 21.1 km of sidewalk gaps identified to be constructed as part of larger capital or development projects (Table A.3):

- 7.8 km are to be constructed as part of associated City road improvement projects within 5 years;
- 590 m are associated with York Region road improvement projects that do not have scheduled construction timelines yet; and
- 12.8 km are associated with new land development whose construction are mostly outside of the control of the City. That is, development construction timing are subject to the vagaries of the economy and housing market.

Staff anticipates that most, if not all, of the 12.8 km of gaps associated with development construction will be completed within the next 10 years. Only the 590 m of gaps related to York Region road improvements may not be constructed within the next 10 years.

Additional staffing resource not anticipated at this time

Although additional staffing needs to implement the sidewalk completion program are not anticipated at this time, staffing resource needs will be closely monitored over the first two years of this program. Any change in staffing needs will be addressed through the annual budget request and approval process.

A public communications plan is needed for the sidewalk completion program

The existing annual sidewalk capital construction program is often challenged by local opposition. Namely, residents that believe their properties will be negatively impacted by a new sidewalk can significantly delay a project. The proposed sidewalk program is intended to address sidewalk gaps as matters of public safety and transportation policy to encourage active and safe travel for children, youth, seniors, people with disabilities and other members of the community as a whole.

Under the Municipal Class Environmental Assessment process, the scope of a sidewalk project falls under a “Schedule A+” Municipal Class EA process. That is, only public notification is required to be provided to the community and no formal public consultation is necessary. As such, staff will be proceeding in this manner to meet the requirements of the EA Act.

Instead, a comprehensive multi-year communications plan will be developed with Corporate Communications that will include the following information:

- Sidewalk program overview (including policies, objectives and benefits and links to Council reports)
- Mapping of the sidewalk program
- Scheduled timing of individual projects
- Program contacts

The communications strategy is needed to effectively convey the benefits of the sidewalk completion program and achieve positive public goodwill. The communications strategy, incorporating a brand identity for the City-wide sidewalk completion program, will be rolled out in the following ways:

- Educational campaign through social media platforms, printed media, and presence at special events;

- Resident outreach through the local ward Councillors and ratepayers groups prior to individual project commencement;
- Ongoing status updates throughout the duration of each sidewalk project;
- Assigned spokesperson for individual projects, to address questions and concerns related to ongoing site-work.

As an annual program, many elements of the communications plan would be duplicated year-over-year. The cost of this communications plan is small and will be absorbed in the sidewalk program.

FINANCIAL CONSIDERATIONS AND TEMPLATE:

The projected costs of the sidewalk program consider the feasibility study, detailed design, and sidewalk construction costs only. Other ancillary costs that may need to be considered, such as illumination, retaining walls, utility relocation, and intersection accessibility improvements (per the AODA) will result in additional costs.

Sidewalk program to be funded through development charges

The overall capital budget requirement to complete the 64.6 km of sidewalk gaps along arterial and collector roads is estimated at \$2.0 million annually over the 2019 to 2028 timeframe. Approximately, 6.8 km of the sidewalk gaps is included in the City’s 2017 Development Charges (DC) Background Study. In addition, the City’s 2017 DC Background Study also includes a miscellaneous sidewalk budget of \$2,681,800 which could facilitate the completion of approximately 8.5 km more of sidewalk gaps. The remaining unfunded sidewalk projects (49.3 km of the 64.6 km) will be included in the next update of the DC Background Study.

	km	\$ in M
Balance remaining - sidewalk gaps	64.6	20.37
Included in the 2017 DC Background Study	(6.8)	(2.14)
Miscellaneous sidewalk budget included in the 2017 DC Background Study	(8.5)	(2.68)
To be included for consideration in the next DC Background Study update	49.3	15.54

All sidewalk projects in Table A.3 will also be included for consideration in the next update of the DC Background Study.

Operations budget for sidewalks will increase as more sidewalks are completed

The operating and maintenance, and life cycle costs are subjected to the final design and the snow load and haul requirements. Currently, the operating and maintenance cost is \$5.25 per linear metre of sidewalk, resulting in, on average, an additional incremental \$33,915 (6,460 m x \$5.25/linear meter) annually in operating and maintenance costs for the 10-year period of the Arterial and Collector Road Sidewalk Completion Program. The annual incremental cost will be subject to the number of kilometers of sidewalk constructed

in each year which will be requested as part of the annual operating and capital budget process.

A capital budget request for design works has been submitted through the 2019 capital budget process to facilitate this new sidewalk program. Sidewalk construction budget requests will be submitted in subsequent years. Until the next DC Background Study has been approved, staff will work within the existing funding available in the 2017 DC Background Study.

HUMAN RESOURCES CONSIDERATIONS:

Not Applicable.

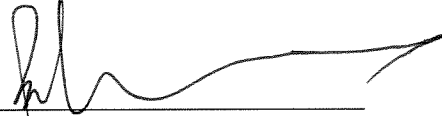
ALIGNMENT WITH STRATEGIC PRIORITIES:

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 and Finance Departments have been circulated this report, recognizing operations and maintenance and financial impacts associated with additional sidewalks.

RECOMMENDED BY:



Brian Lee, P.Eng
Director, Engineering



Arvin Prasad, MPA, RPP, MCIP
Commissioner, Development Services

ATTACHMENTS:

Attachment 'A': List of Excluded Sidewalk Gaps

Attachment 'B': Sidewalk Program (Arterial and Collector Roads) – All Wards

Attachment 'C': List of Gaps Based on Sidewalk Program

Attachment 'A' - List of Excluded Sidewalk Gaps

Table A.1 - List of Gaps Already Constructed in 2018 / Scheduled for Construction

Road Section	Ward	Road Classification	Sidewalk Length (m)	Status
John St - Pomona Mills Tennis Club to Henderson Ave	1	Collector	481	Under Construction
Rodick Rd - Cox to Apple Creek Blvd	2	Collector	889	Under Construction
South Unionville Ave - Unity Garden Rd to 70 m east of Unity Garden Rd	3	Collector	65	Completed
Hwy 7 E - CN tracks to Main St. Unionville	3	Arterial	306	2019
9th Line - Bur Oak Ave to Donald Cousens Parkway	5	Arterial	264	2019
Markham Road - North of Kirkham Dr to 60 m North of Kirkham Dr	7	Arterial	70	Completed
Clegg Rd - South Town Centre to Rodick Rd	8	Collector	629	Completed
Denison St - Warden Ave to Birchmount Rd	8	Collector	794	2019
Gibson Dr - Ferrier St to Warden Ave	8	Collector	493	Completed
South Park Rd - Pond Dr to Commerce Valley	8	Collector	259	2019
Total			4250	

Table A.2 - List of Gaps excluded - Outside of Urban Boundary at Present

Road Section	Ward	Road Classification	Sidewalk Length (m)
Donald Cousens Pky - 200 m west of Delray Dr to 450 m east of Country Glen Rd	5	Arterial	1875
Donald Cousens Pky - 450 m east of Country Glen Rd to William Forster Rd	5	Arterial	2115
Major Mackenzie Dr E -Kennedy Road to DCP	6	Arterial	5017
Donald Cousens Pky - William Forster Rd to Sanders Dr	5 & 7	Arterial	4905
Total			13912

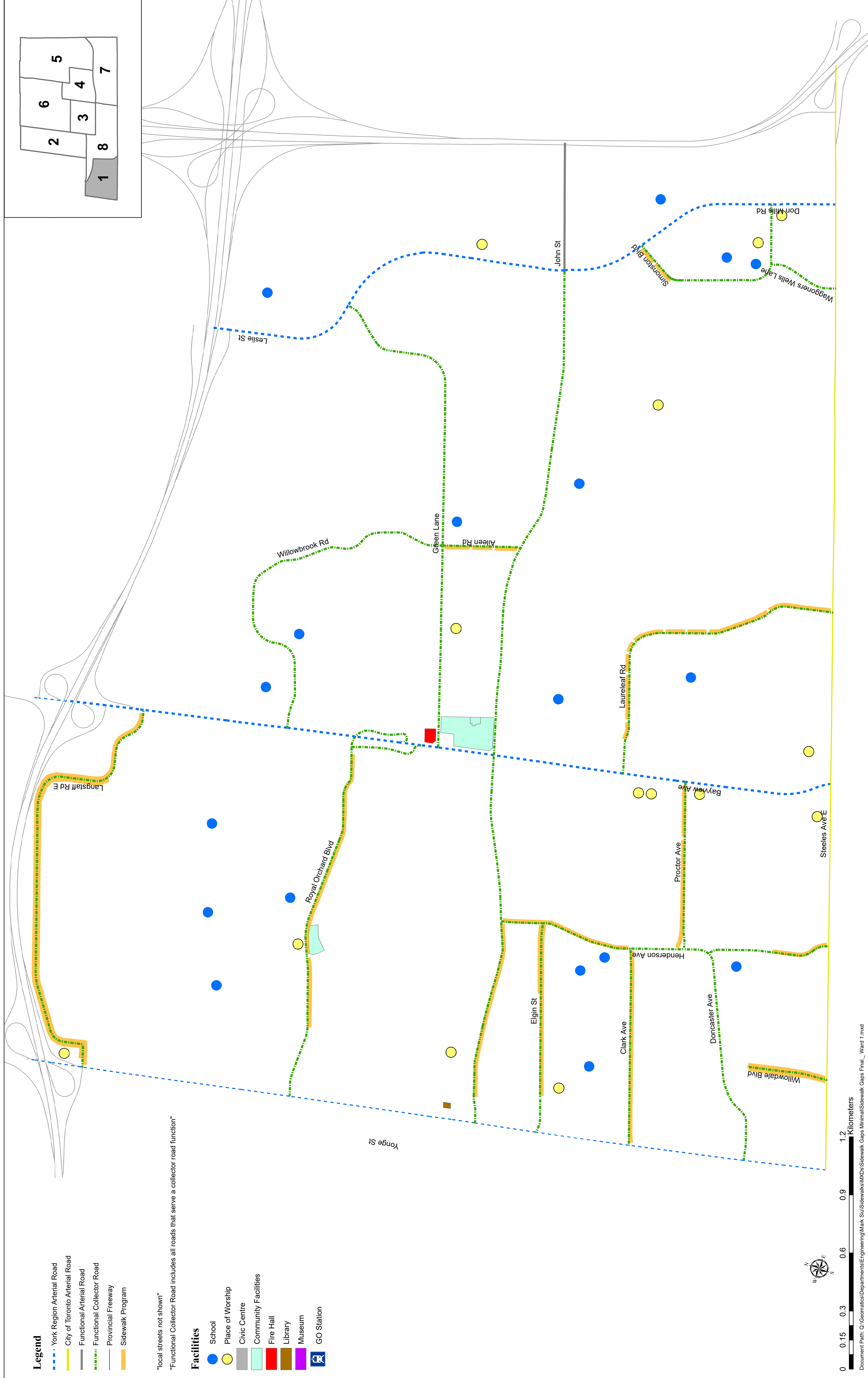
Table A.3 - List of Gaps excluded - Part of Development / Capital Work

Road Section	Ward	Road Classification	Sidewalk Length (m)	Scheduled for
Langstaff Rd E - Bayview Ave to Yonge St	1	Collector	4108	based on development
16th Ave - Cachet Woods Crt to Southbound Highway 404 ramp	2	Arterial	190	Over 10 years
Cachet Woods Crt - 16th Avenue to End	2	Collector	594	Within 5 years
Major Mackenzie Dr E - 70 m west of Markland St to Highway 404 ramp	2	Arterial	400	Over 10 years
Victoria Square Blvd - Vetmar Rd to Woodbine By-pass	2	Collector	4177	Within 5 years
Birchmount Rd - 100 m north of Rouge Valley Dr to Enterprise Blvd	3	Collector	585	based on development
Enterprise Blvd - Birchmount Rd to 150 Enterprise Blvd	3	Collector	457	based on development
Verdale Crossing - Rouge Valley Dr to Birchmount Ave	3	Collector	208	based on development
16th Ave - 50 m west of Bur Oak Ave to Donald Cousens Pky	5	Arterial	1047	based on development
Cornell Centre Blvd - Morning Dove Dr to 16th Ave	5	Collector	170	based on development
Cornell Centre Blvd - White Hills Ave to Shady Oaks Ave	5	Collector	131	based on development
Donald Cousens Pky - 450 m east of Country Glen Rd to 16th Ave	5	Arterial	1000	based on development
Hwy 7 E - 9th Line to DCP	5	Arterial	3396	based on development
Williamson Rd - 16th Ave to Willow Trail	5	Collector	207	based on development
16th Ave - Country Estate to Yorkton Blvd	6	Arterial	1024	based on development
Miller Ave - Rodick Rd to Woodbine Ave	8	Collector	1639	Within 5 years
Rodick Rd -14th Ave to Miller Ave	8	Collector	1376	Within 5 years
Old Kennedy Rd - Dension St to Aldergrove Dr	8	Collector	423	based on development
Total			21132	

Table A.4 - List of Gaps Excluded Based on Constructability

Road Section	Ward	Road Classification	Sidewalk Length (m)
Centurian Dr - Allstate Parkway to Woodbine Ave	2	Collector	658
Warden Ave - Calvert Ave to Cachet Parkway	2	Arterial	958
Harry Cook Dr - Castan Ave to Helen Ave	3	Collector	337
Main St Markham South - Mill St to James Scott Rd	4	Collector	114
Albert St - Joseph St to Highway 7	4	Collector	380
George St - Franklin St to Joseph St	4	Collector	150
Main St Markham South - Old Wellington Rd to Mill St	4	Collector	438
Ralph Chalmers Ave - Fred McLaren Blvd to Major Mackenzie Dr E	6	Collector	434
Stricker Ave - Fred McLaren Blvd to Major Mackenzie	6	Collector	368
Legacy Dr -cottontail Ave to 14th Ave	7	Collector	408
14th Ave - Roxbury st to Box Grove By-pass	7	Arterial	1459
14th Ave - Riverwalk Drive to DCP	7	Arterial	772
Bernbridge Rd - Rizal Ave to Copper Creek Dr	7	Collector	703
Boswell Rd - Geddington Cres to Copper Creek Dr	7	Collector	198
Riverwalk Dr - Oakborough Dr to Rizal Ave	7	Collector	317
Total			7694

Attachment 'B' : Sidewalk Program (Arterial and Collector Roads)



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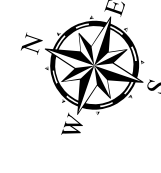
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- City of Toronto Arterial Road
- Functional Arterial Road
- - - Functional Collector Road
- Provincial Freeway
- Sidewalk Program

"local streets not shown"

"Functional Collector Road includes all roads that serve a collector road function"

Facilities

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



Attachment 'B' : Sidewalk Program (Arterial and Collector Roads)

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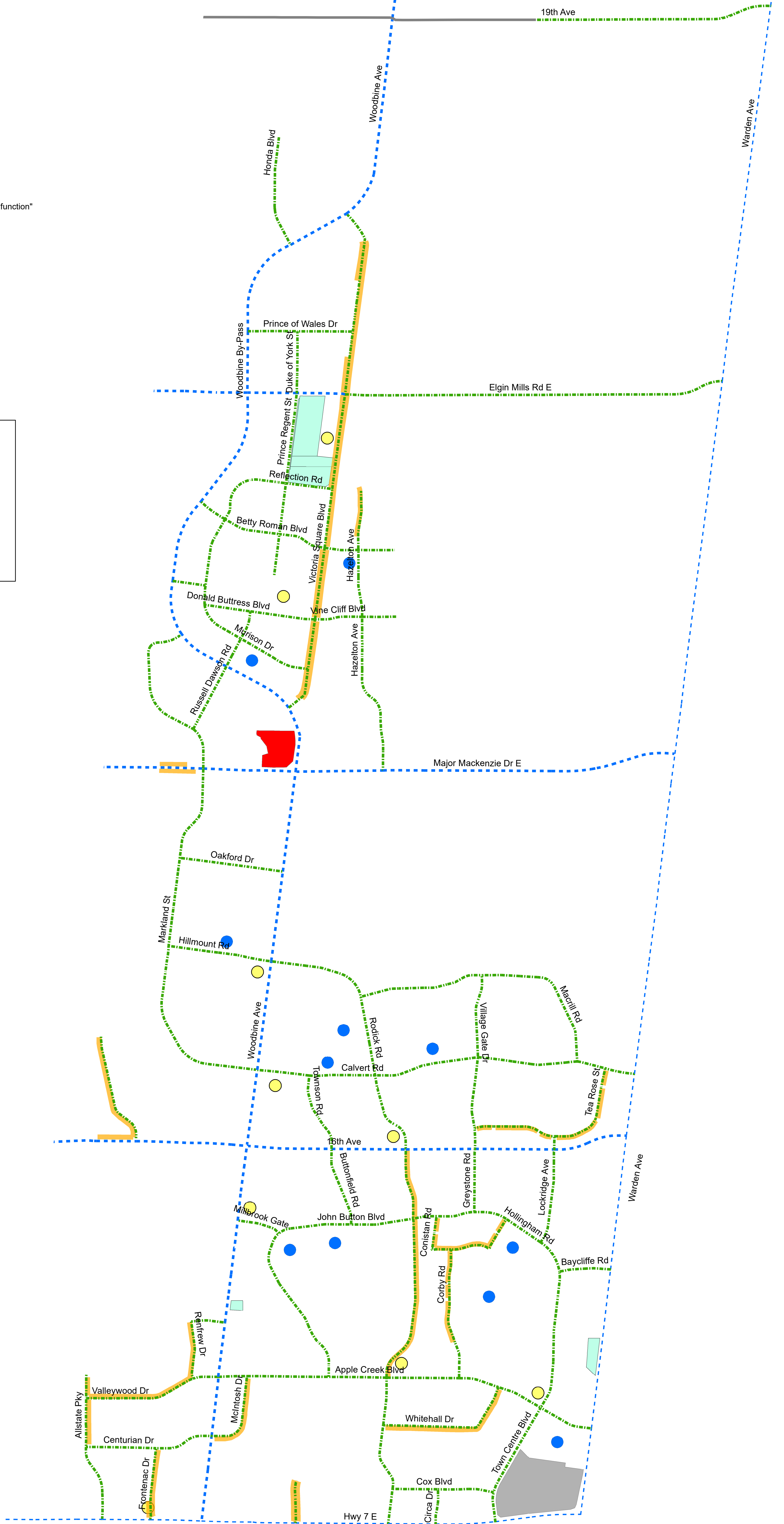
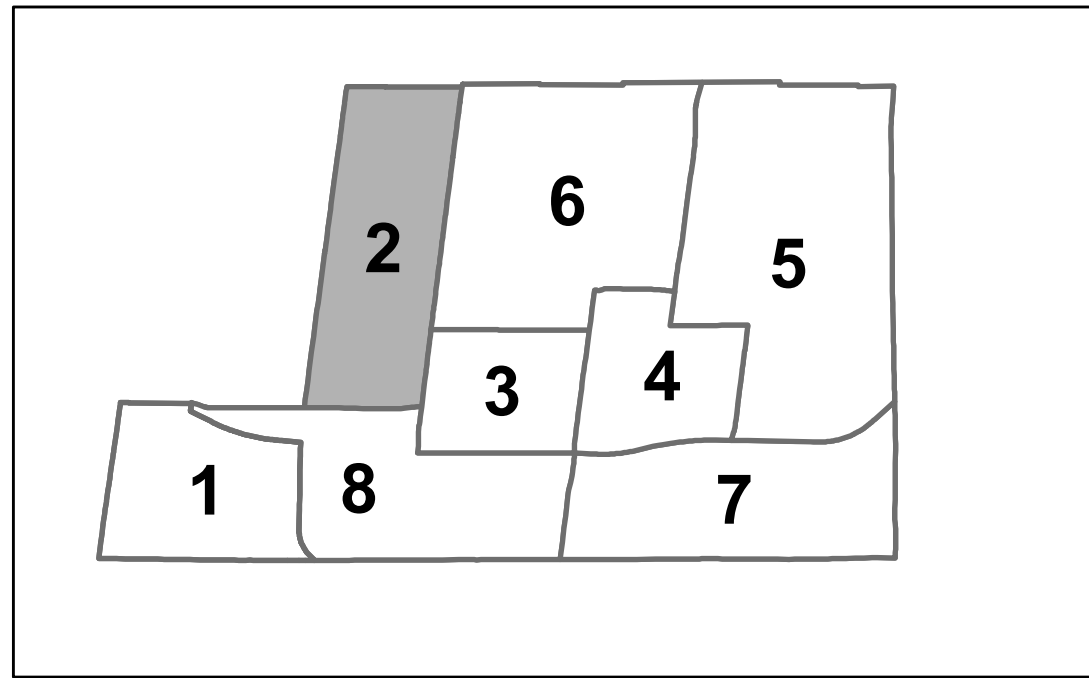
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Attachment 'B' : Sidewalk Program (Arterial and Collector Roads)









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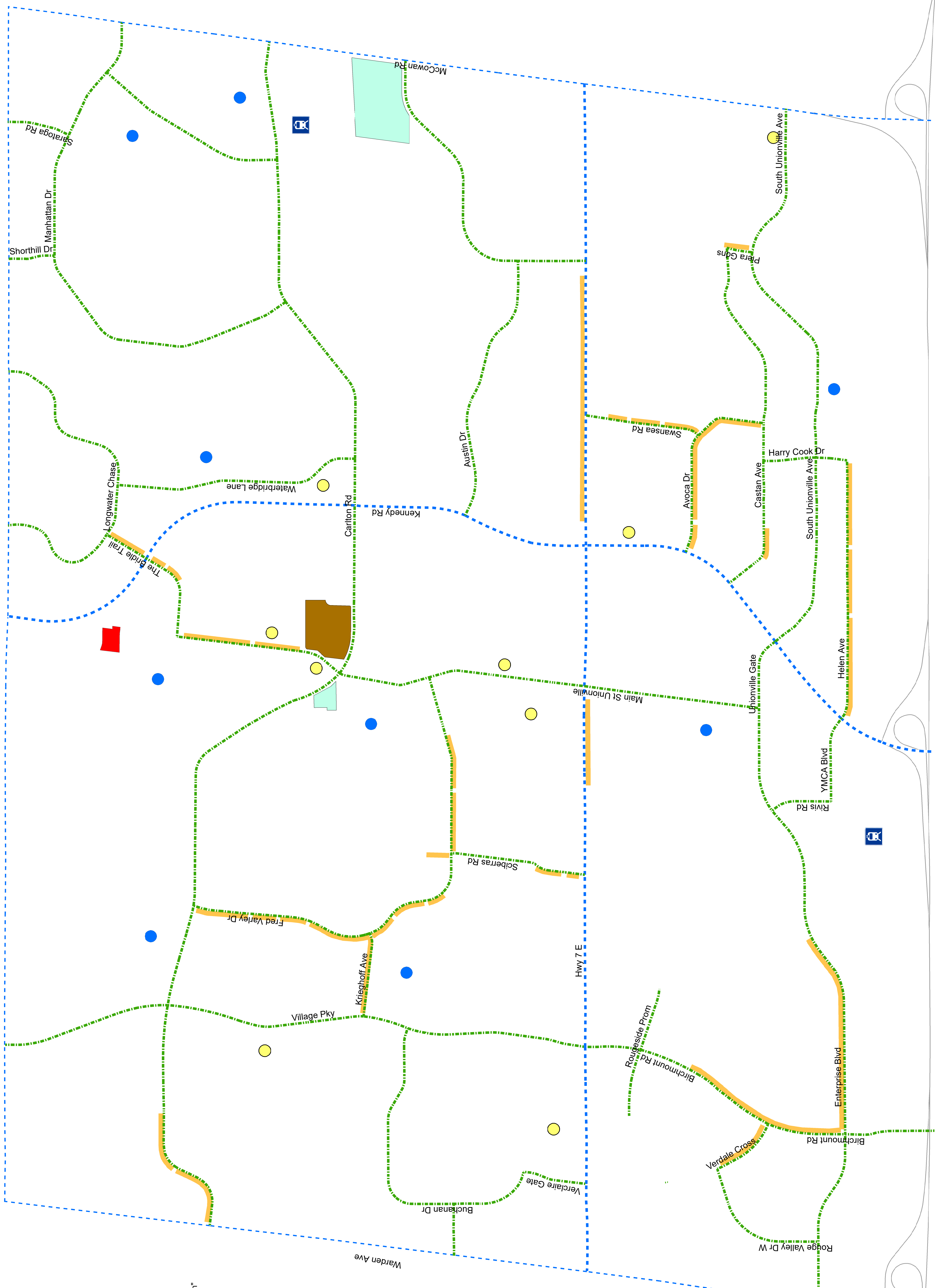
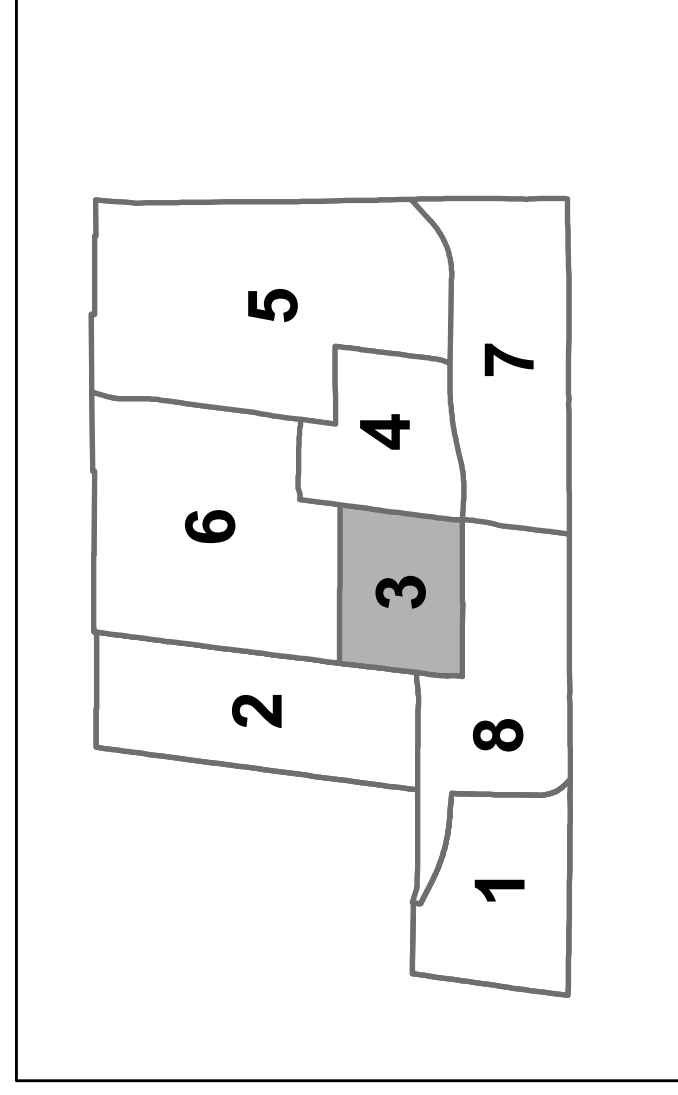
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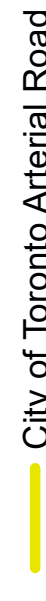
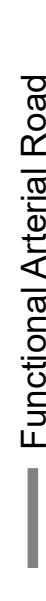
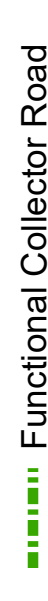
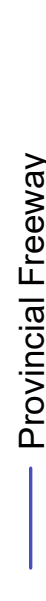

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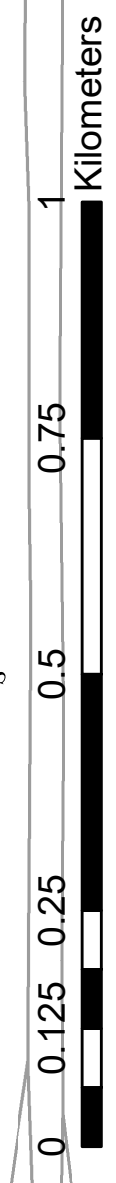
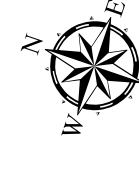
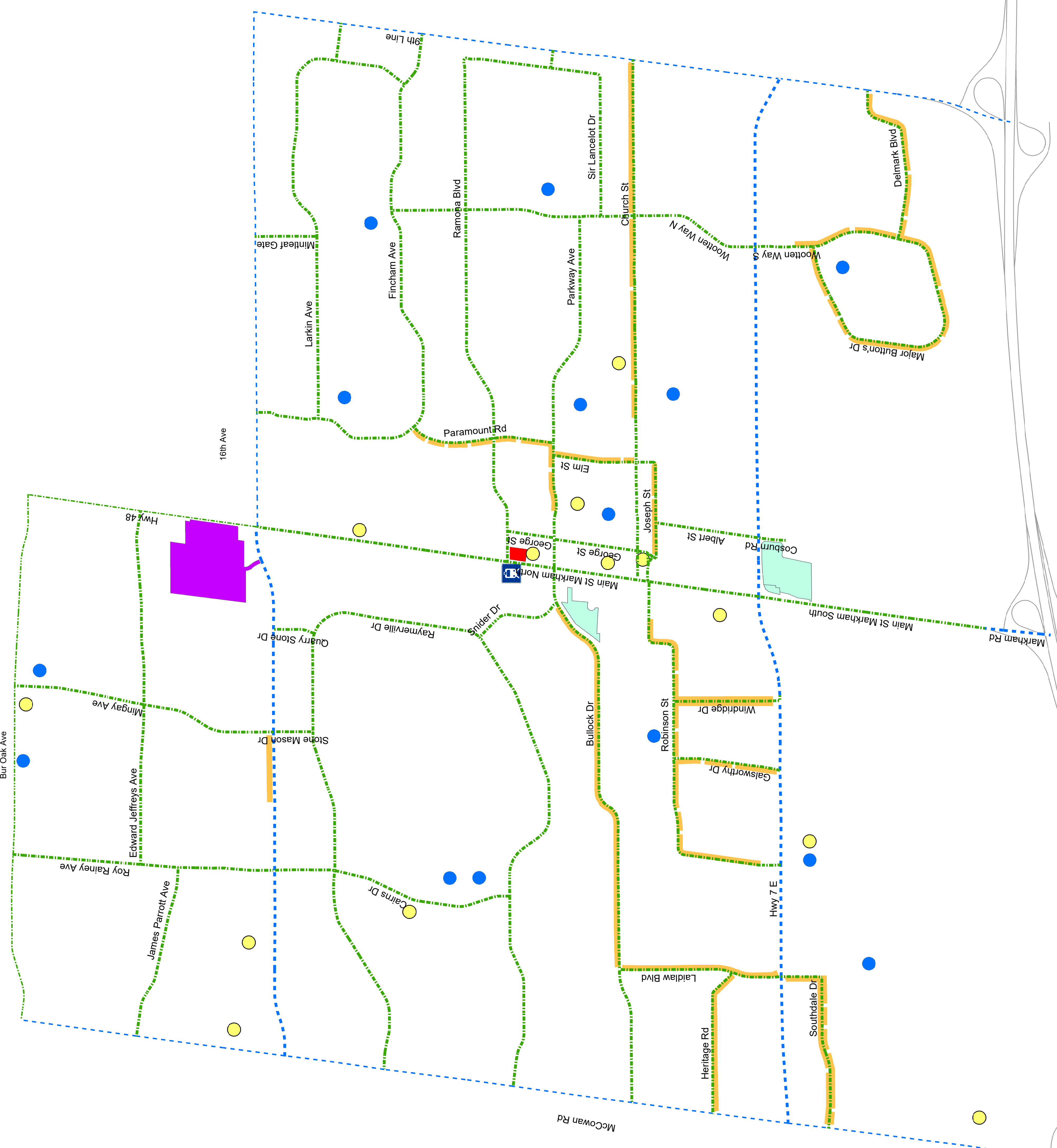
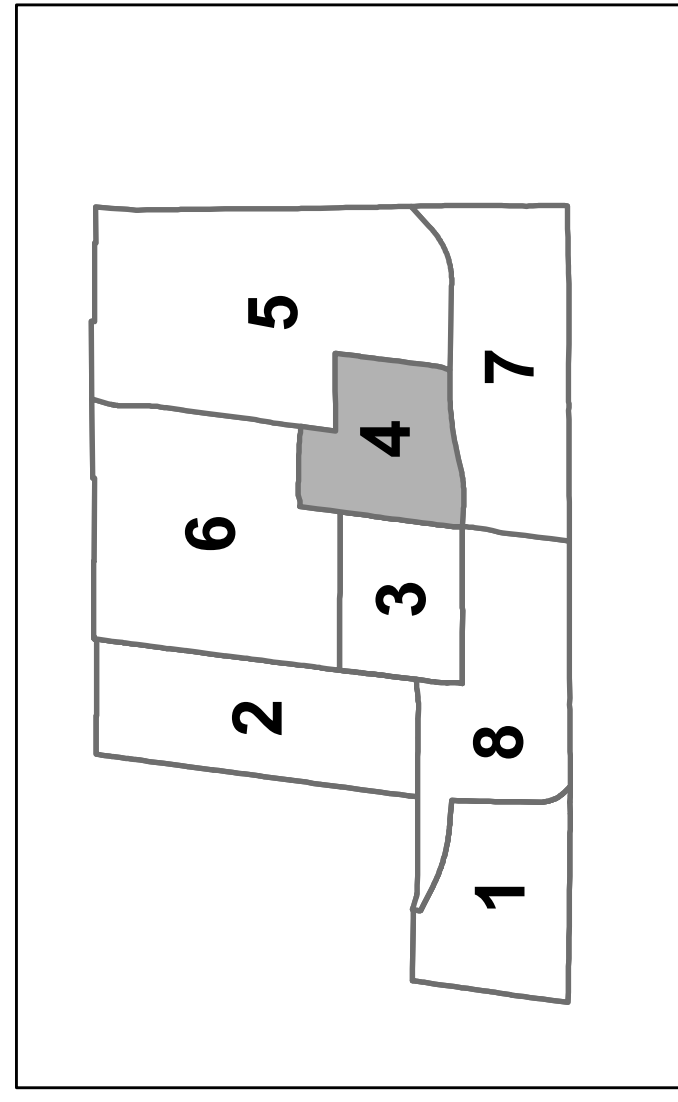
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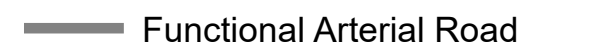
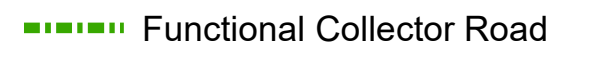


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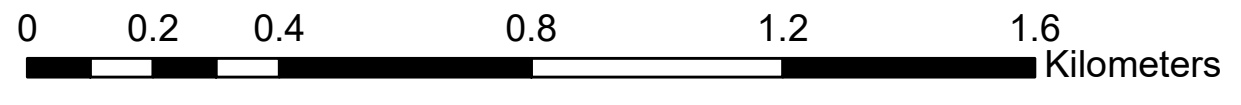
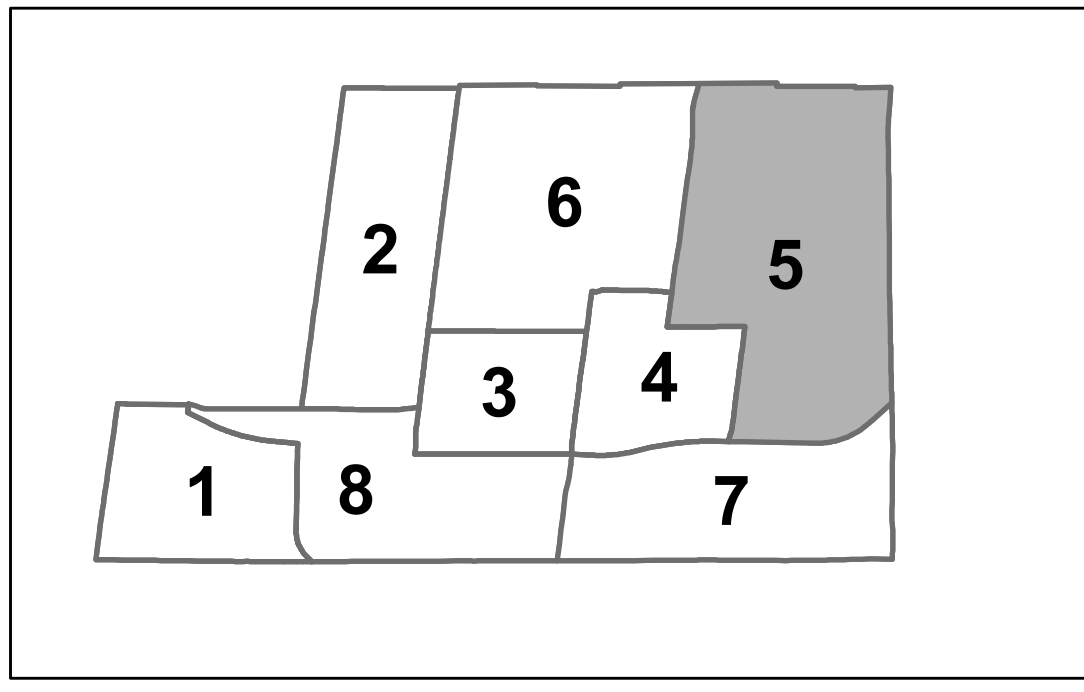
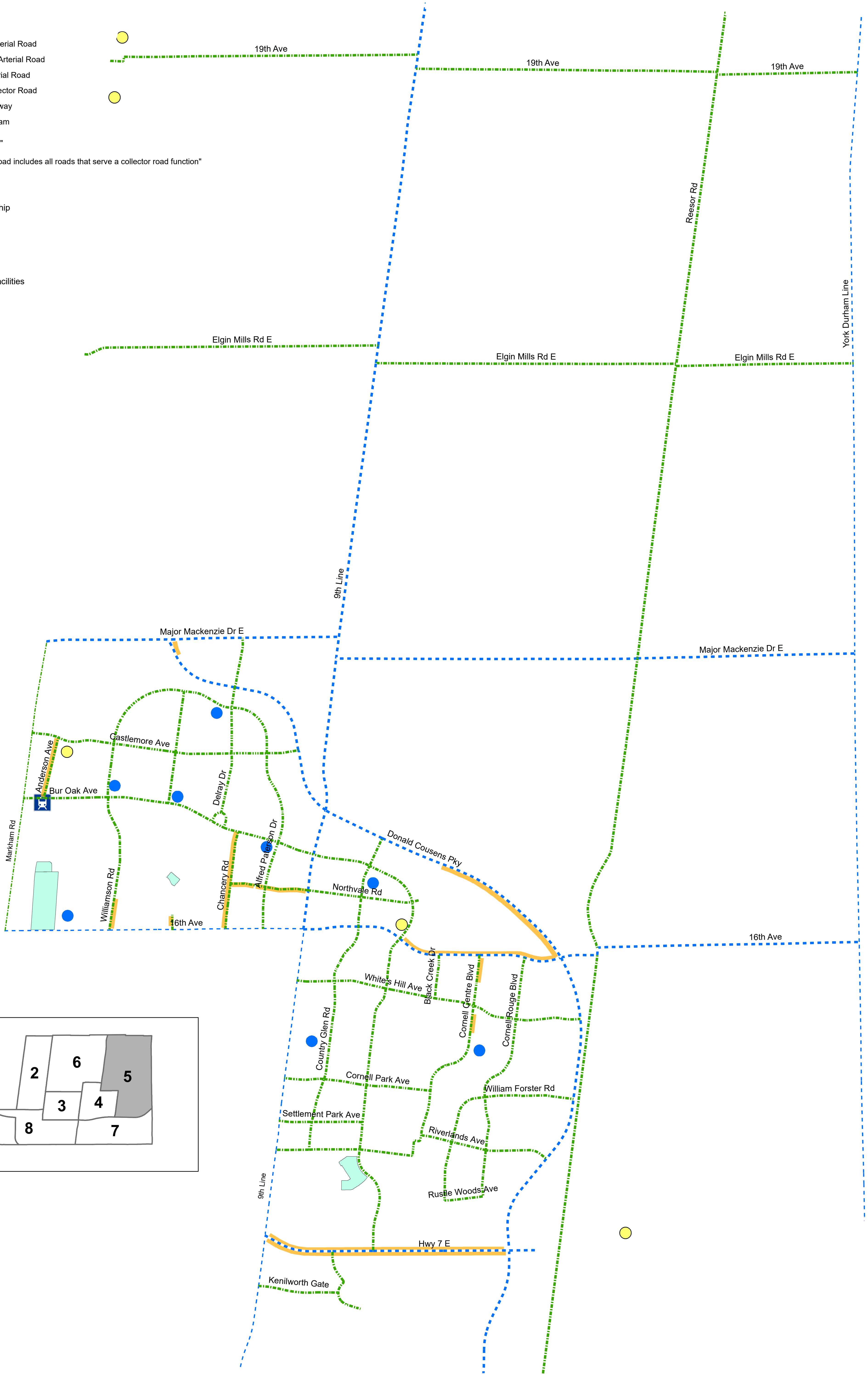
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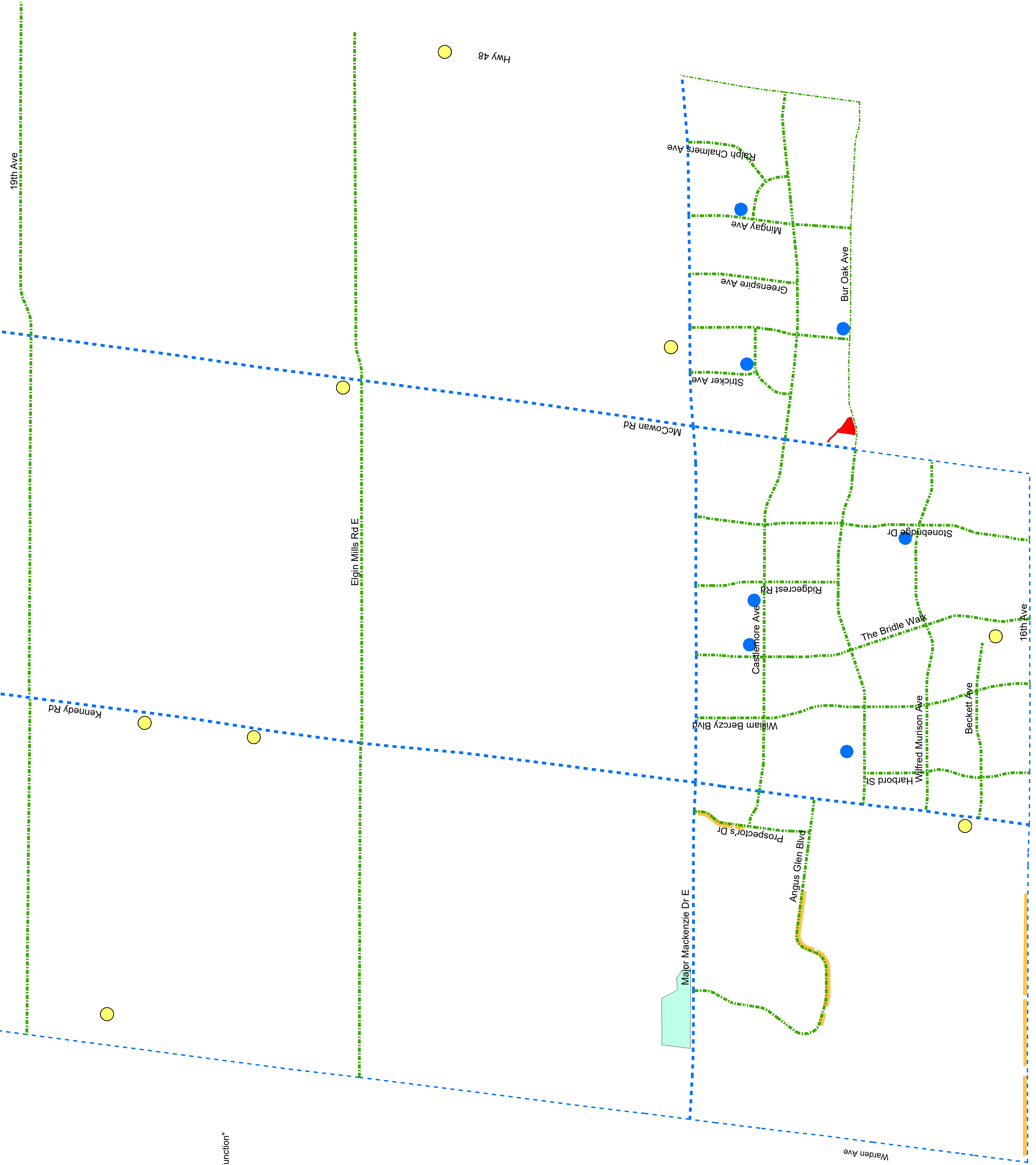
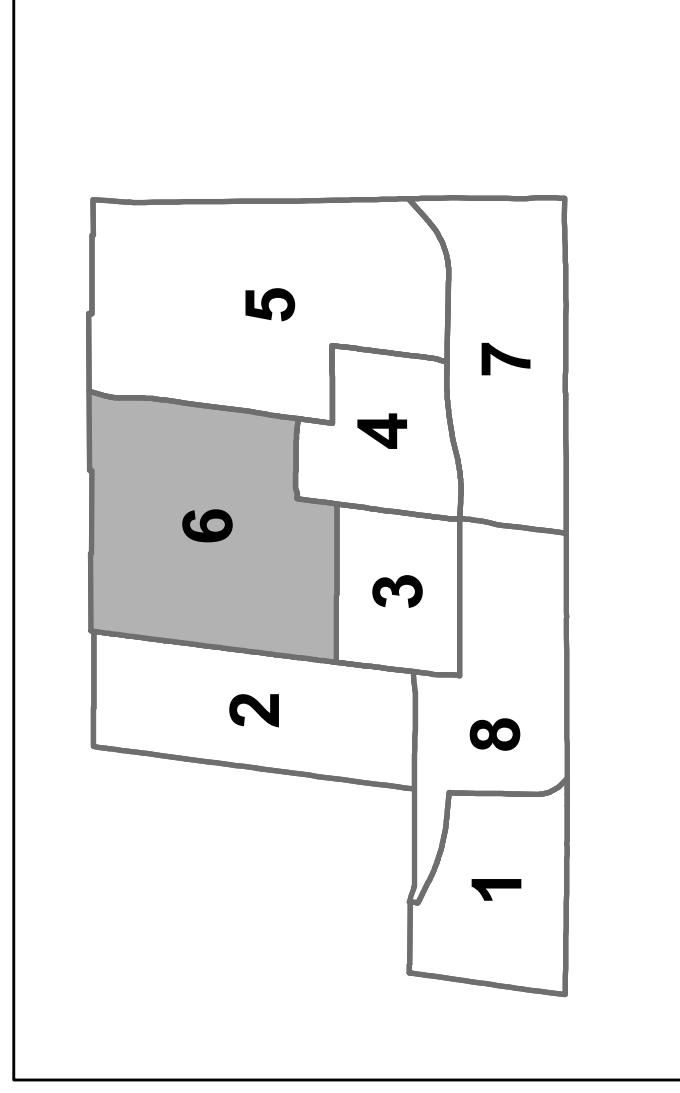
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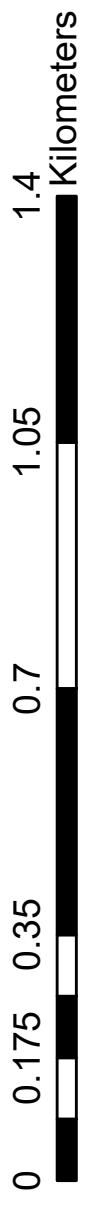
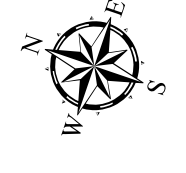
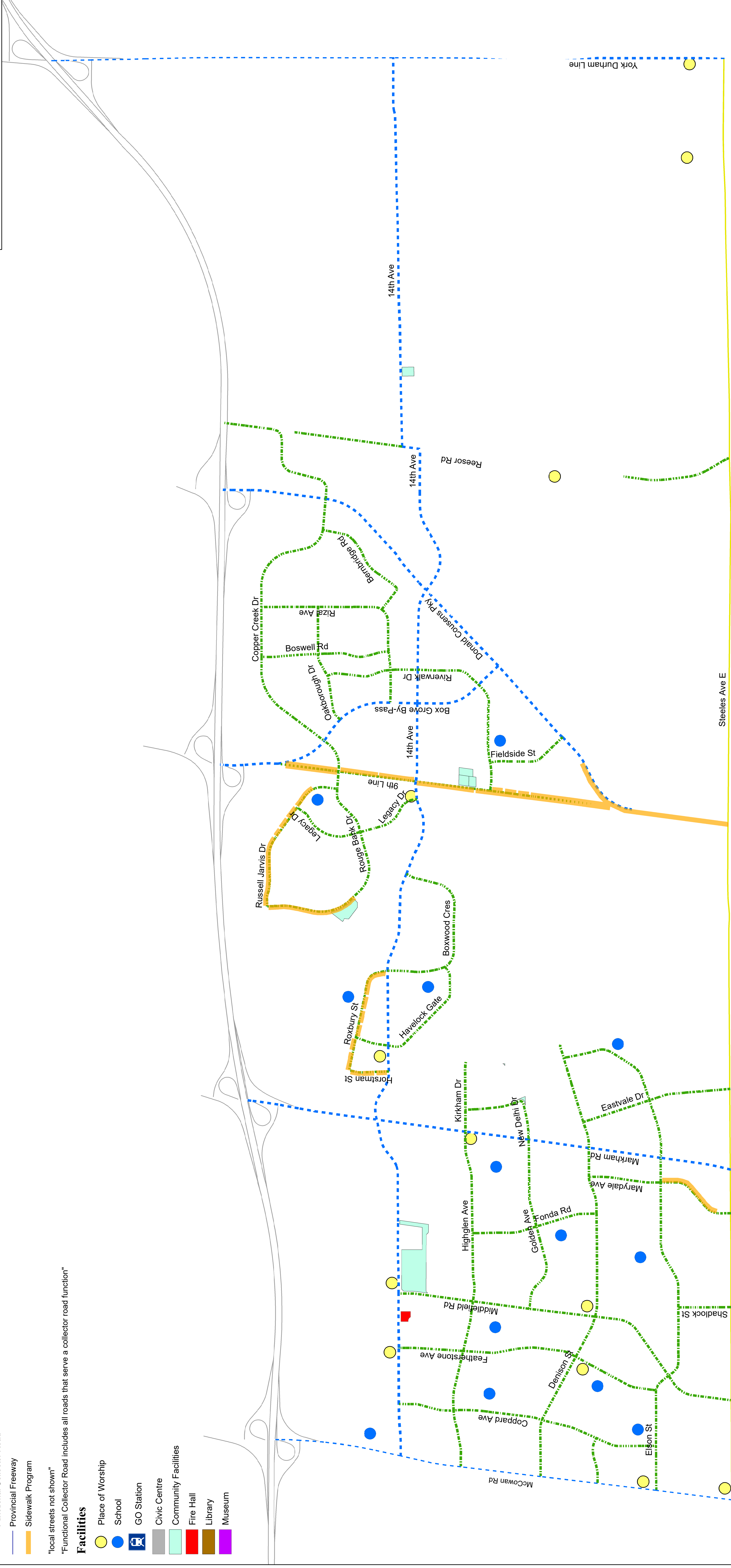
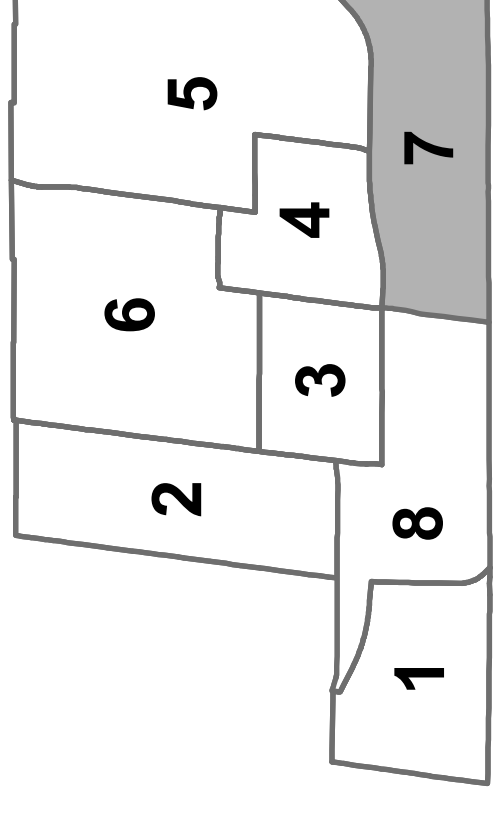
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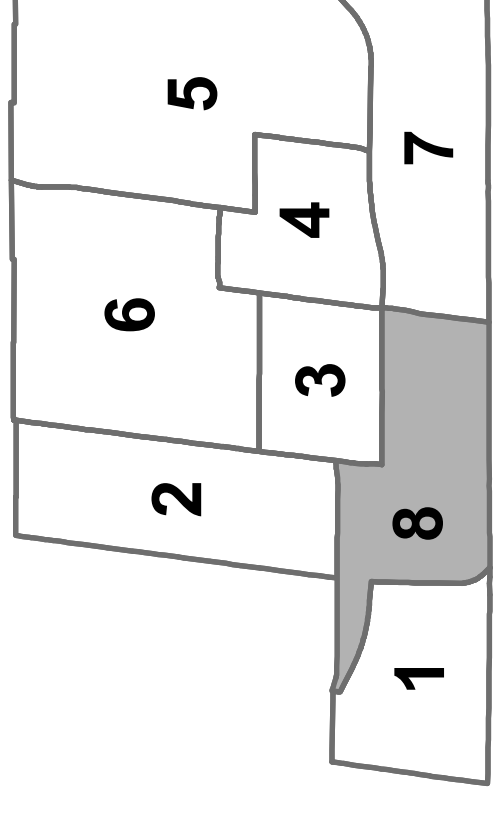
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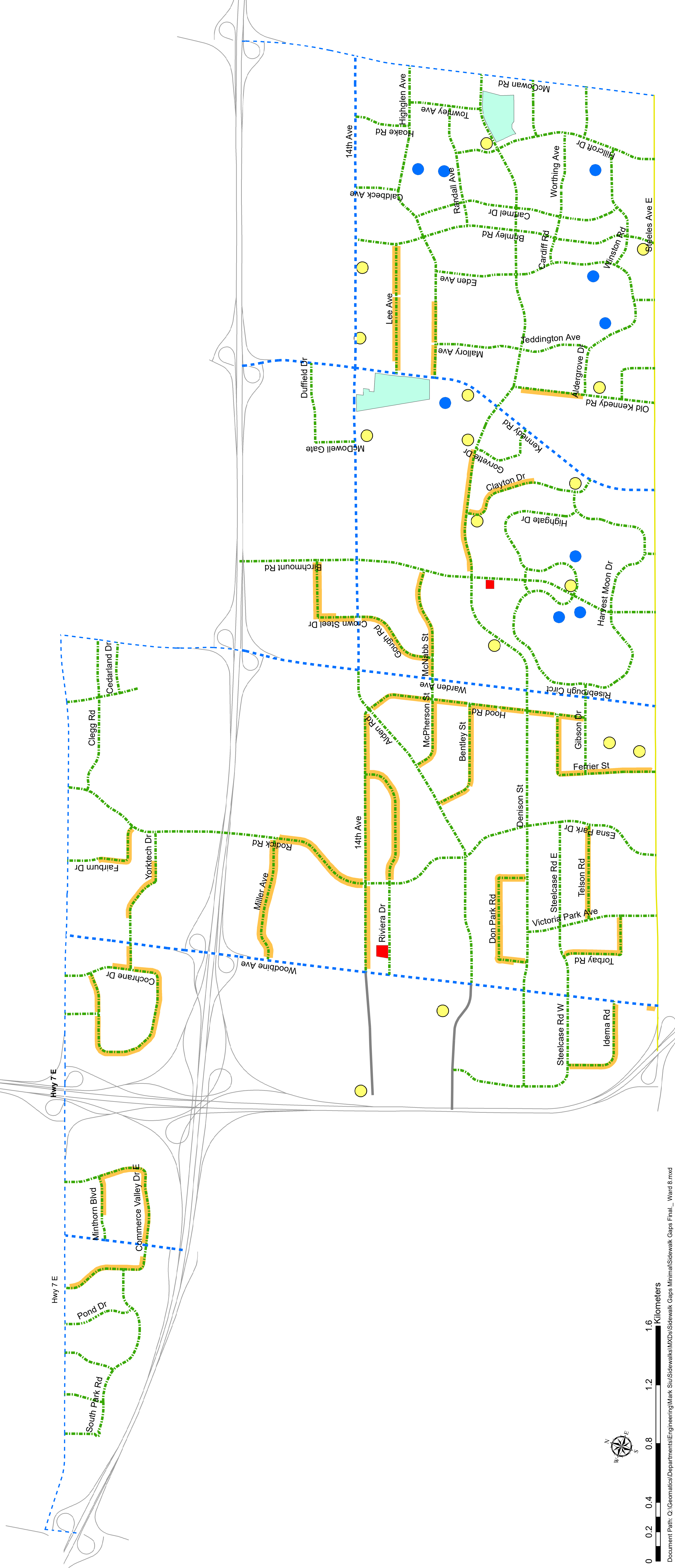
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Attachment 'C' - List of Gaps Based on Sidewalk Program

Road Section	Ward	Road Classification	Sidewalk Length (m)
Aileen Rd - John St to Green Lane	1	Collector	349
Clark Ave - Yonge St. to Henderson Ave	1	Collector	993
Elgin St -Dudley Ave to Henderson Ave	1	Collector	1235
Henderson Ave - John St to Clark Ave	1	Collector	675
Henderson Ave - Steeles Ave to Grandview Ave	1	Collector	295
John St - Confederation Way to Henderson Ave	1	Collector	913
Laureleaf Rd - Ladyslipper Ct to Steeles Ave	1	Collector	1470
Proctor Ave - Henderson Ave to Bayview Ave	1	Collector	831
Royal Orchard Blvd - Wild Cherry Ln to Bayview Ave	1	Collector	1437
Simonston Blvd - Don Mills Rd to German Mills Rd	1	Collector	205
Willowdale Blvd -Steeles Ave to Meadowview Ave	1	Collector	806
Allstate Pky - Centurian Drive to North of Valleywood Dr	2	Collector	340
Conistan Rd - Hollingham Rd to Hollingham Rd	2	Collector	587
Corby Rd - Conistan Rd to Ellingwood Ct	2	Collector	467
Frontenac Dr - Highway 7 to Centurian Dr	2	Collector	452
Hazelton Ave - James Joyce Dr to Rinas Ave	2	Collector	270
McIntosh Dr - Woodbine Avenue to Apple Creek Blvd	2	Collector	440
Montgomery Blvd - Highway 7 to Athens Dr	2	Collector	400
Renfrew Dr - Valleywood Dr to Hooper Rd	2	Collector	265
Rodick Rd - Applecreek Blvd to 16th Ave	2	Collector	779
Tea Rose St - Calvert Rd to Village Gate Dr	2	Collector	863
Valleywood Dr - Allstate Blvd to Renfrew Dr	2	Collector	606
Whitehall Dr - Rodick Rd to Apple Creek Blvd	2	Collector	742
Avoca Dr - Kennedy Rd to Castan Ave	3	Collector	613
Carlton Rd - Warden Ave to Braitewaite Rd	3	Collector	453
Castan Ave - Unity Gardens Dr to Ray St	3	Collector	108
Fred Varley Dr - Carlton Rd to EJ Lennox Way	3	Collector	1243
Helen Ave - Kennedy Rd to Harry Cook Dr	3	Collector	855
Hwy 7 E - Second St to Bullock Dr	3	Arterial	860
Krieghoff Ave - Village Parkway to Fred Varley Dr	3	Collector	270
Main St Unionville - Library Ln to The Bridle Trail	3	Collector	392
Piera Gdns - South Unionville Ave to Castan Ave	3	Collector	87
Sciberras Rd - Lichfield Rd to Highway 7	3	Collector	80
Sciberras Rd - Ferrah St to Lichfield Rd	3	Collector	71
Sciberras Rd - Fred Varley Rd to 85 m north of Fred Varley Rd	3	Collector	85
Swansea Rd - Avoca Dr to Prince William Dr	3	Collector	289
The Bridle Trail - Longwater Chase to 60 m west of Basswood Hollow	3	Collector	248
16th Ave - Mingay Ave to 250 m west of Mingay Ave	4	Arterial	268
Bullock Dr - Laidlaw Blvd to Snider Dr	4	Collector	1531
Church St - East of Elm Street to 9th line	4	Collector	1371
Conservation Ave - Southdale Dr to Highway 7	4	Collector	141
Delmark Blvd - Wootten Way to 9th Line	4	Collector	636
Elm St - Joseph Street to Parkway Ave	4	Collector	307
Galsworthy Dr - highway 7 to Robinson St	4	Collector	379
George St - Franklin St to Ramona Blvd	4	Collector	301
Heritage Rd - McCowan Rd to Laidlaw Blvd	4	Collector	578
Joseph St - George St to Elm St	4	Collector	353
Laidlaw Blvd - Bullock Dr to Highway 7	4	Collector	631
Major Button's Dr - Wootten Way to Delmark Blvd	4	Collector	1191
Paramount Rd - Fincham Ave to Parkway Ave	4	Collector	498

Road Section	Ward	Road Classification	Sidewalk Length (m)
Parkway Ave - Orchard St to Paramount Rd	4	Collector	246
Robinson St - Highway 7 to Water St	4	Collector	1255
Southdale Dr - McCowan Rd to Conservation Ave	4	Collector	1115
Windridge Dr - Robinson St to Highway 7	4	Collector	781
Wootten Way S - Senator Reesor's Dr to Delmark Blvd	4	Collector	401
Anderson Ave - Buroak Ave to Castlemore Ave	5	Collector	412
Chancery Rd - 16th Ave - Reston Ridge St	5	Collector	469
Donald Cousens Pky - Major Mackenzie Dr E to 150 m south of Major Mackenzie Dr E	5	Arterial	80
Swan Lake Blvd - 16th Ave to 65m north of 16th Ave	5	Collector	67
Victoria Wood Ave - Chancery Rd to 9th Ln	5	Collector	482
16th Ave - Country Estate to Warden Ave	6	Arterial	485
Angus Glen Blvd - Royal Troons Cres to Royal County Down Cres	6	Collector	857
Prospector's Dr - Major Mackenzie Dr to The Fairways	6	Collector	296
Donald Cousens Pky - Sanders Dr to Steeles Ave	7	Arterial	1000
Horstman St - 14th Ave to Roxbury St	7	Collector	199
Marydale Ave - Elson St to Steeles Ave	7	Collector	412
Old 9th Line - BoxGrove by-pass to End of Sanders Dr	7	Collector	4022
Rouge Bank Dr - Russell Jarvis to Silver Flower	7	Collector	556
Roxbury St - Horstman St to 14th Ave	7	Collector	605
Russell Jarvis Dr - Rougebank Dr to Wood Thrush Ave	7	Collector	761
14th Ave - Woodbine Ave to Alden Rd	8	Arterial	1682
Woodbine Avenue - Steeles Ave to 68 m north of Steeles Ave	8	Arterial	58
Bentley St - Alden Rd to Hood Rd	8	Collector	761
Clayton Dr - Denison St to Whistler Ct	8	Collector	542
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
Crown Steel Dr - 14th Ave to Royal Crest Ct	8	Collector	356
Denison St - Birchmount Rd to Milliken Meadows Dr	8	Collector	838
Don Park Rd - Denison Ave to Denison Ave	8	Collector	1752
Fairburn Dr - 155 m south of Highway 7 to Rodick Rd	8	Collector	435
Ferrier St - Hood Rd to Steeles Ave	8	Collector	996
Gough Rd - Alden Rd to McNabb st	8	Collector	585
Highglen Ave - Kennedy Rd to Noble St	8	Collector	486
Hood Rd - Alden Rd to Gibson Dr	8	Collector	1327
Idema Rd - Steelcase Rd to Woodbine Ave	8	Collector	703
Lanark Rd - Cochrane Dr to Woodbine Ave	8	Collector	148
Lee Ave - Kennedy Rd to Brimley Rd	8	Collector	1595
McNabb St - Warden Ave to Birchmount Rd	8	Collector	710
McPherson St - Alden Rd to Hood Rd	8	Collector	488
Minthorn Blvd - Commerce Valley Dr to 358 Minthorn	8	Collector	259
Riviera Dr - Rodick Rd to 14th Ave	8	Collector	1682
Royal Crest Crt - Crown Steel Dr to Birchmount Rd	8	Collector	756
Telson Rd - Victoria Park Ave to Esna Park Dr	8	Collector	628
Torbay Rd - Steelcase Rd E to Victoria Park Ave	8	Collector	621
Yorktech Dr - 232 Yorktech Dr to Woodbine Ave	8	Collector	459
GRAND TOTAL			64621