

Councillor Request Inquiry

23-2018

2018

Please find attached updated 2018 trail and roadway construction projects maps and a compiled list of 2019-2022 proposed projects included in the 2018 Council approved budget.

Annual programs do not have defined roadway and trail sections as they are based on a broad priority list and those priorities are finalized based on spring inspection results and prior year approvals. As part of the Multi-Year Planning and Execution process, these plans will be updated.

**Roadway and Trail Construction Projects
as of December 31, 2017
2019-2022**

Transportation Planning and Engineering Services,
Transportation and Agriculture Services, and Recreation, Parks and Culture

Annual Programs (2019 – 2022)

RPC - Annual Program - OSRFS Walkable Communities Revitalization Program

This annual program created from the finding of the Open Space and Recreation Strategy, was to identify trail gaps throughout Strathcona County and implement them as per the Capital Business process. These missing trail links allow residents and visitors to move throughout the County in a safe, accessible way and in addition contributes to a high quality of life. The length of trail and surface type varies from year to year. Costs for these trails on average are \$300,000-\$500,000.

TAS - Annual Asphalt Trail Rehab Program

The objective of this annual program is to ensure the ongoing safe use of our existing trails and pathways throughout the County. The program is driven by our asset data base that has condition ratings for our entire network, annually TAS will prioritise candidate locations to ensure the timely treatments are completed across the whole network. Sections can be done based on segments or short sections of critical needs. Approximate annual budget: \$330,000 approximately 1.5 kms.

TAS - Annual Urban Roads Rehab Program

This annual program focuses on the timely rehabilitation of our complete urban roads network. Decision for proposed locations are based on our asset management data base which has current condition ratings for our complete network, that information is then analysed with other factors like current geometry issues, underground utility impacts and collision history. Once that is reviewed the road structures are analysed to design the right rehabilitation treatment to be performed at the optimum time to ensure we maximise useful life of the roads. Annual we review condition ratings to adjust and develop the proposed candidates for the next year's program. Approximate annual budget: \$10.9 Million, 3km arterial road and 9.5km residential.

TAS - Annual Rural Road Rehab Program

This annual program focuses on the timely rehabilitation of our complete urban roads network. Decision for proposed locations are based on our asset management data base which has current condition ratings for our complete network, that information is then analysed with other factors like current width issues, shallow utility impacts, drainage issues and collision history. Once that is reviewed the road structures are analysed to design the right rehabilitation treatment to be performed at the optimum time to ensure we maximise useful life of the roads. Annual we review condition ratings to adjust and develop the proposed candidates for the next year's program. Approximate annual budget: \$6.7 million, approximately 7 subdivisions and 9 km of Class 2 roadways.

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TPE Annual Traffic Signal / Intersection Replacements

The objective of the annual Traffic Signal and Intersection Replacement program is to promote and maintain the safe and efficient movement of transportation modes through the County with the installation, and improvement of warranted traffic signal controls and intersection improvements. Specific locations for this program are determined based upon engineering best practices, warranting analysis, life cycle analysis and ongoing growth and development pressures from transportation volumes and needs. Typically one to two full intersection signalizations, five traffic controller and cabinet replacement upgrades, five to ten battery backup systems, and five traffic signal detection camera systems are completed per year with an approximate cost of \$930k.

TPE Annual Sidewalk Missing Links Program

The objective of this program is to provide pedestrian connectivity to existing industrial and commercial areas, by constructing concrete sidewalks. This program emphasizes filling in gaps, to enhance pedestrian and transit users to the business in these areas. The specific locations for this program are determined a year in advance, based on development needs and other growth pressures. We typically do approximately 1300 meters annually, at an approximate cost of \$795,000.

TPE Annual Traffic & Pedestrian Safety Improvements

The objective of the annual Traffic & Pedestrian Safety Improvements program is to improve transportation safety for all modes of transportation throughout the County. The 2019 program includes traffic calming initiatives as approved in the Glen Allan Traffic Program for infrastructure recommended on Georgian Way from Granada Boulevard to Glenbrook Boulevard. Additional pedestrian crossing improvements, intersections improvements, public engagements, and functional plans are often defined through this annual program as they arise and are brought forward from year to year with an approximate cost of \$670K.

These capital projects have not been approved by Council and are currently being reviewed through the Priority-Based Budget process.

2019

TPE-HLD- Rge Rd 213, Twp Rd 554 to Twp Rd 560_2B_C

TPE-SHP- Broadview Dr to Buckingham Dr_C

TPE-SHP- Broadway Blvd and Broadview Dr Roundabout_C

TPE-WYE- Ash St, Rge Rd 233 to Ordze Ln_CFL

TPE-WYE- Sherwood Dr, Ash St to Wye Road_C

TPE-NOY- Rge Rd 232, Aurum Access to Twp Rd 534_1B_CFL

2020

RPC - Open Space Planning - River Valley Alliance Phase IV (2020) (trail)

TPE-RUR - Twp Rd 550, Rge Rd 221 to Hwy 830_C

TPE-ARD- Main St South, Second Ave to South of Arbour Cl_C

TPE-ARD- Bridge Structure on Main St South_C

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2018

TPE-SHP- Bethel Way, Bison Way to Lakeland Dr_C
TPE-WYE- Sherwood Dr, Wye Rd to Village Dr & Fir St Intersection Improvements_C
TPE-NOY- Twp Rd 534 and Hwy 21 Intersection_1B_C
2021
TPE-HLD- South East Heartland Access Roads_3a, 6_C
TPE-HLD- Rge Rd 214 and Twp Rd 554 Intersection_2A-2_C
TPE-RUR- Class I Grid Road Improvement_C
TPE-SHP- Clover Bar Rd and Emerald Dr Intersection Improvements_C
TPE-WYE- Rge Rd 233, Ash St to Balmoral Way_C
TPE-WYE - Wye Rd, Estate Dr to Clover Bar Road Widening to 6 lanes_C
2022
TPE-HLD- Hwy 15S Service Road, Rge Rd 213 to Rge Rd 212_DLUC
TPE-RUR- Class I Grid Road Improvement Project_C
TPE-ARD- Main St South, Rge Rd 221A to Second Ave_C
TPE-SHP- 17 St, 105 Ave to Sherwood Park Fwy_CFL
TPE-SHP- Sherwood Drive Roundabout_C
TPE-WYE - Rge Rd 233, Fountain Creek Way to Balmoral Way_CFL

Source: Information compiled from Strathcona County 2018 Budget Plan

D – Design

L – Land

U – Utilities

C – Construction

FL – Final Lift

URBAN SERVICE AREA **Transportation Planning and Engineering** **2018 Construction Projects**

LEGEND

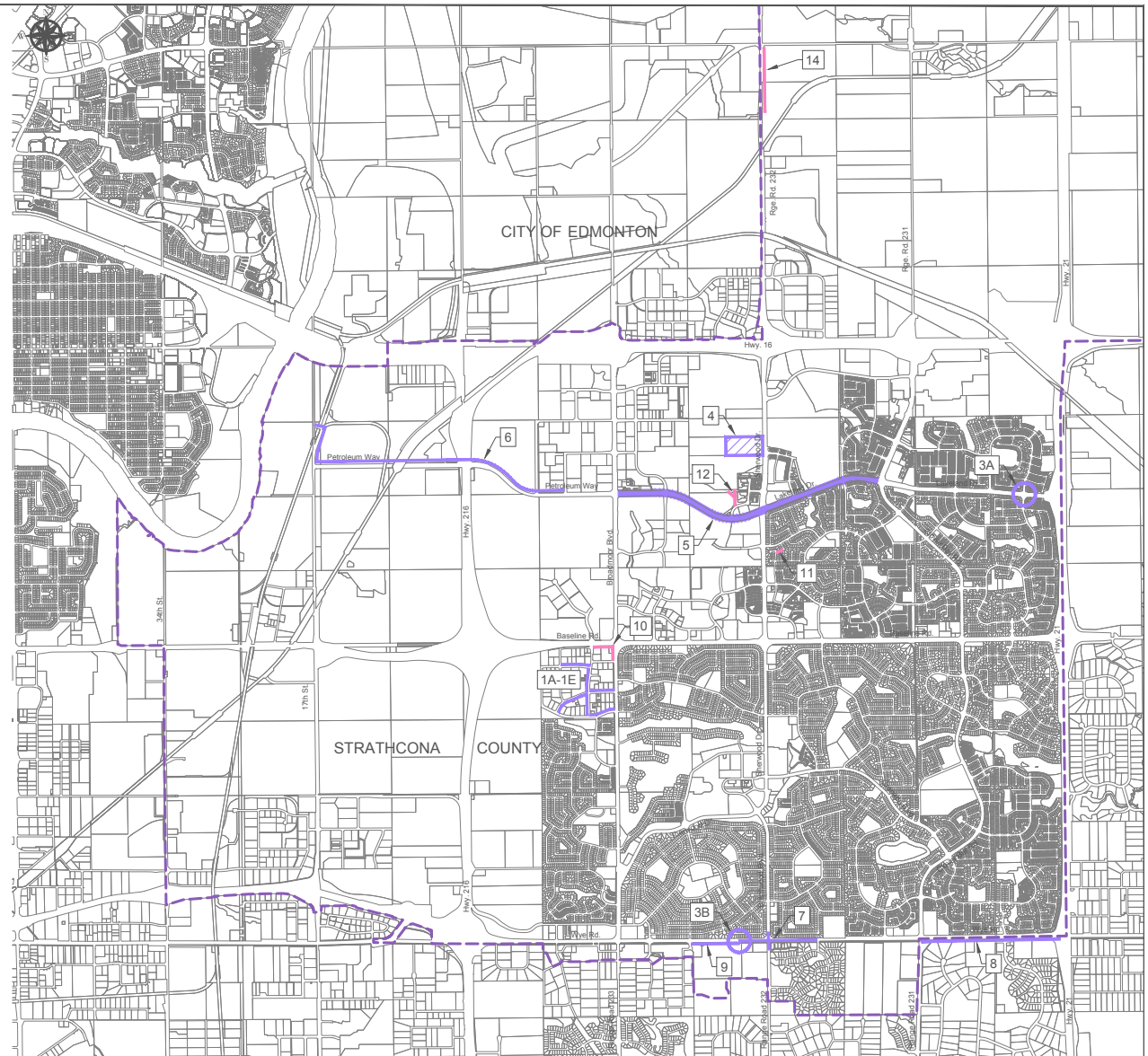
Urban Services Boundary

2018 Active Projects

1. Annual Sidewalk Missing Links Program
 - 1A. Kaska Rd, Cree Rd to Chippewa Rd (North Side)
 - 1B. Chippewa Rd, Sioux Rd to Kaska Rd (West Side)
 - 1C. Athabasca Ave, Sioux Rd to Chippewa Rd (South Side)
 - 1D. Athabasca Ave, Chippewa Rd to Broadmoor Blvd (North Side)
 - 1E. Sioux Rd, Chippewa Rd to Broadmoor Blvd (North Side)
2. Annual Traffic and Pedestrian Safety Improvements (Location to be Determined; Not Shown)
3. Annual Traffic Signal / Intersection Replacements
 - 3A. Lakeland Dr & Clarkdale Dr/Summerland Dr Traffic Signal Install
 - 3B. Wye Rd & Mitchell St Traffic Signal Install
4. Centennial Community Housing Servicing
5. Lakeland Dr Stage V Landscaping
6. Petroleum Way Trans-Canada Trail
7. Wye Rd & Brentwood Blvd Intersection Improvements
8. Wye Rd ATCO Line Removal, Clover Bar Rd to Hwy 21
9. Wye Rd Landscaping, Hawthorne St to Mitchell St

Open Space Projects - RPC Budget/Planning; TPE Project Management

10. Baseline Rd & Broadmoor Blvd Asphalt Trail
11. Cartwright Trail
12. Centennial East Trail
13. TCT & RVA Trail Signage Program (Not Shown)
14. TCT Trail Phase 3 (Rge Rd 232, South of Twp Rd 534 to Existing Trail)



RURAL SERVICE AREA

Transportation Planning and Engineering

2018 Construction Projects



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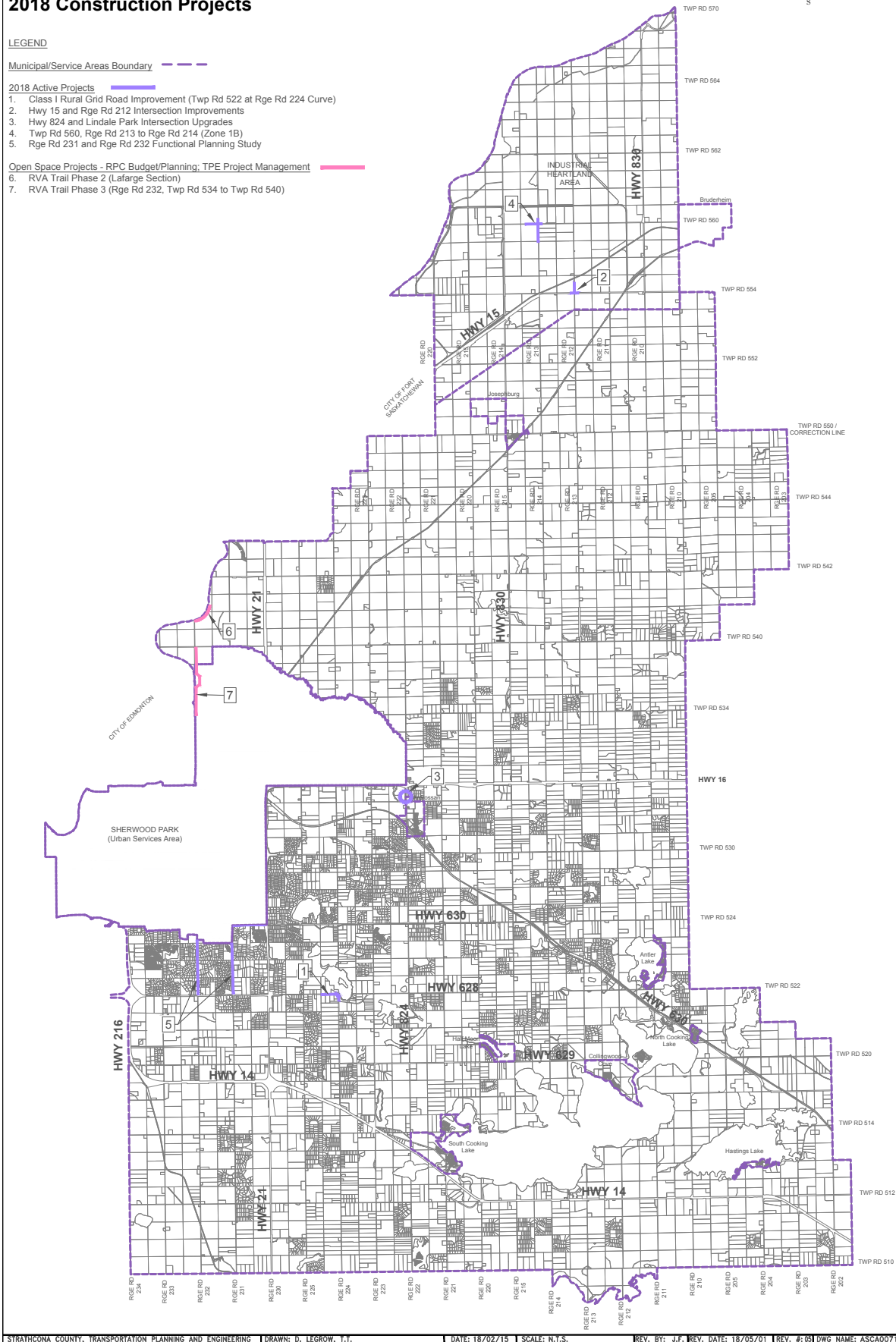
Municipal/Service Areas Boundary

2018 Active Projects

1. Class I Rural Grid Road Improvement (Twp Rd 522 at Rge Rd 224 Curve)
2. Hwy 15 and Rge Rd 212 Intersection Improvements
3. Hwy 824 and Lindale Park Intersection Upgrades
4. Twp Rd 560, Rge Rd 213 to Rge Rd 214 (Zone 1B)
5. Rge Rd 231 and Rge Rd 232 Functional Planning Study

Open Space Projects - RPC Budget/Planning; TPE Project Management

6. RVA Trail Phase 2 (Lafarge Section)
7. RVA Trail Phase 3 (Rge Rd 232, Twp Rd 534 to Twp Rd 540)



2018 Strathcona County Country Residential & Grid Road Overlay

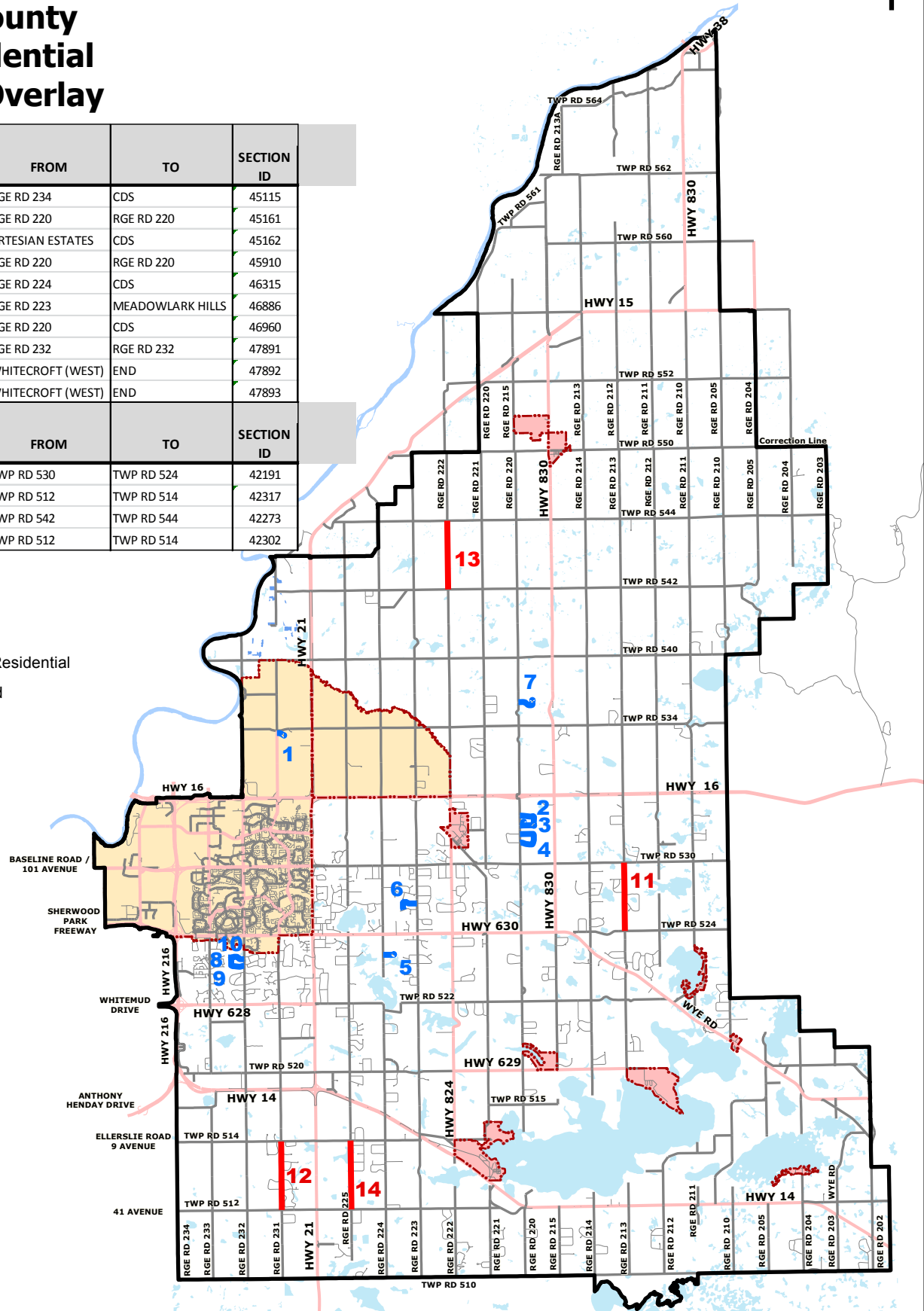
Enclosure 3



COUNTRY RESIDENTIAL				
ID	STREET	FROM	TO	SECTION ID
1	AKENSIDE	RGE RD 234	CDS	45115
2	ARTESIAN ESTATES	RGE RD 220	RGE RD 220	45161
3	ARTESIAN ESTATES	ARTESIAN ESTATES	CDS	45162
4	DOWLING ESTATES	RGE RD 220	RGE RD 220	45910
5	HIGHROAD ESTATES	RGE RD 224	CDS	46315
6	MEADOWLARK HILLS	RGE RD 223	MEADOWLARK HILLS	46886
7	NEWTON ESTATES	RGE RD 220	CDS	46960
8	WHITECROFT (WEST)	RGE RD 232	RGE RD 232	47891
9	WHITECROFT (WEST)	WHITECROFT (WEST)	END	47892
10	WHITECROFT (WEST)	WHITECROFT (WEST)	END	47893
GRID ROAD				
ID	STREET	FROM	TO	SECTION ID
11	RGE RD 213	TWP RD 530	TWP RD 524	42191
12	RGE RD 231	TWP RD 512	TWP RD 514	42317
13	RGE RD 222	TWP RD 542	TWP RD 544	42273
14	RGE RD 225	TWP RD 512	TWP RD 514	42302

Overlays

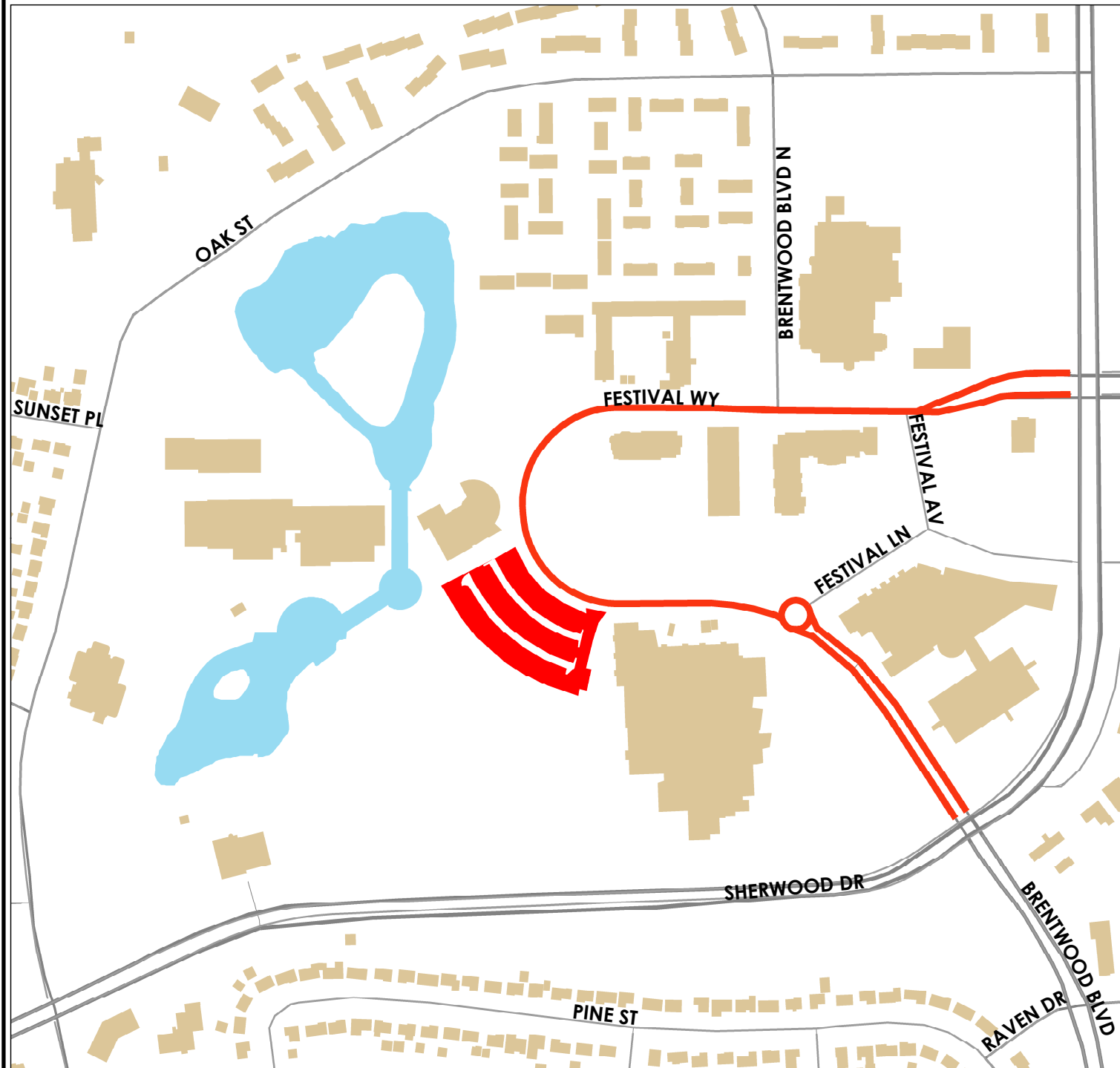
- Country Residential
- Grid Road





- Municipal Boundary
- Rural Hamlets
- Urban Service Areas

2018 Festival Way Rehab Project

Enclosure 4



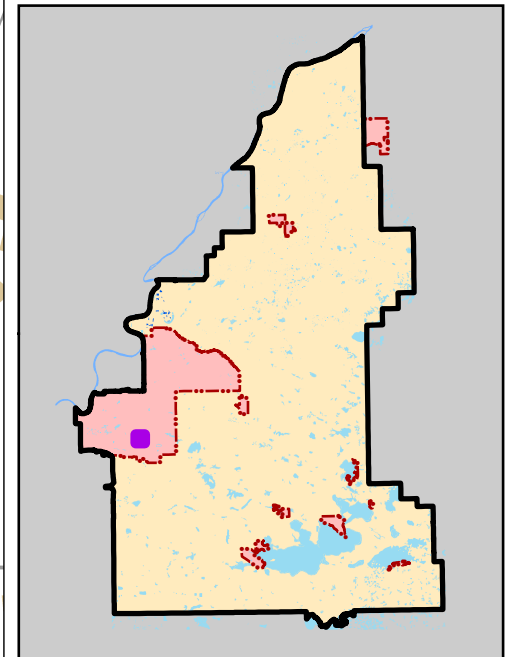
-  Municipal Boundary
-  Hamlet Boundary
-  Festival Way Parking Lot
-  Festival Way Rehab




STRATHCONA
COUNTY

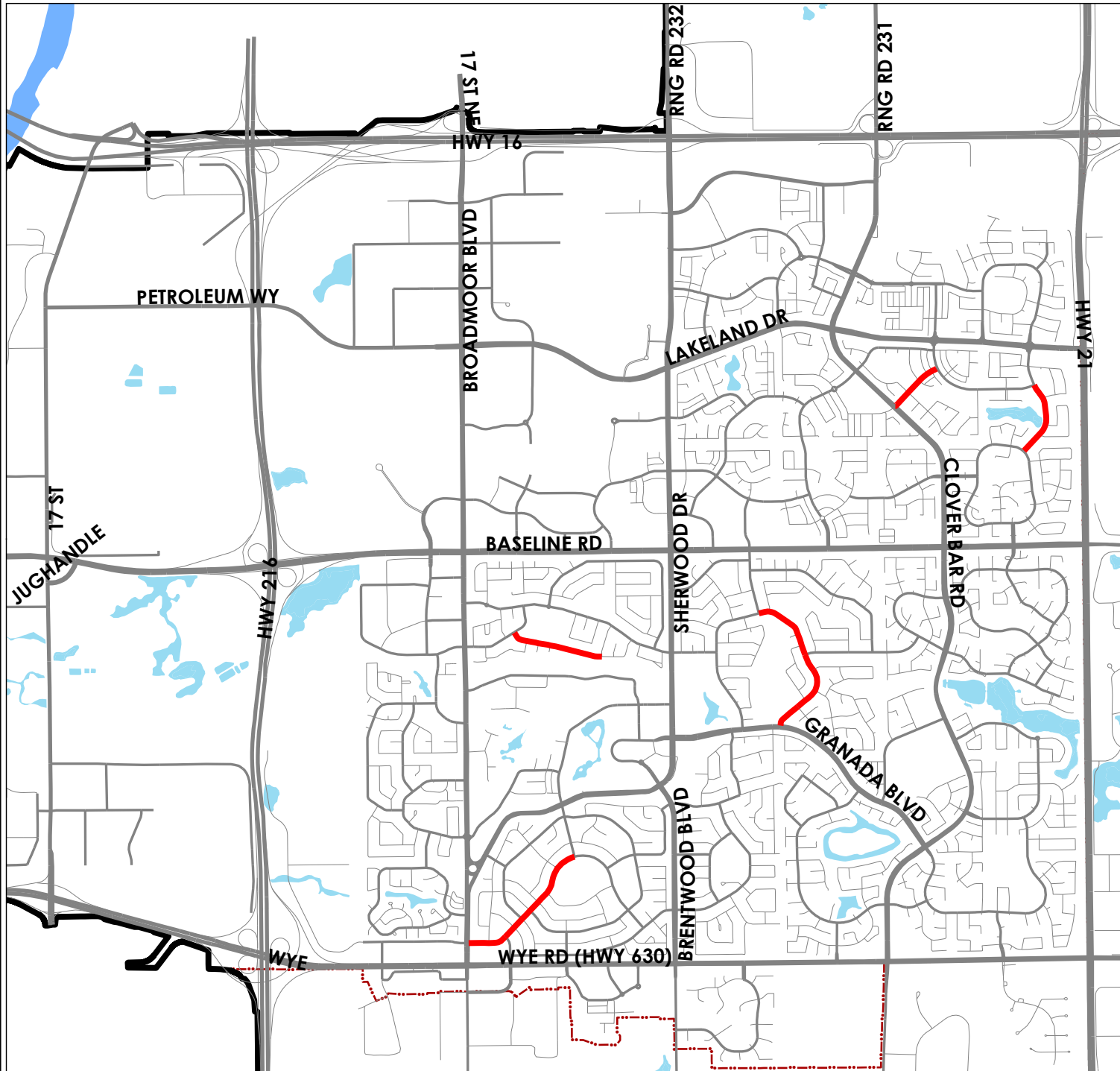
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2018 Collector Rehab - Urban

Enclosure 5



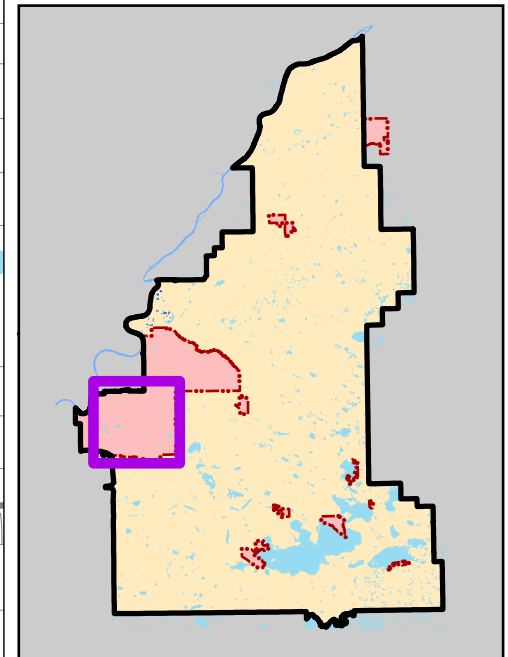
-  Municipal Boundary
-  Hamlet Boundary
-  Collector Rehab




STRATHCONA
COUNTY

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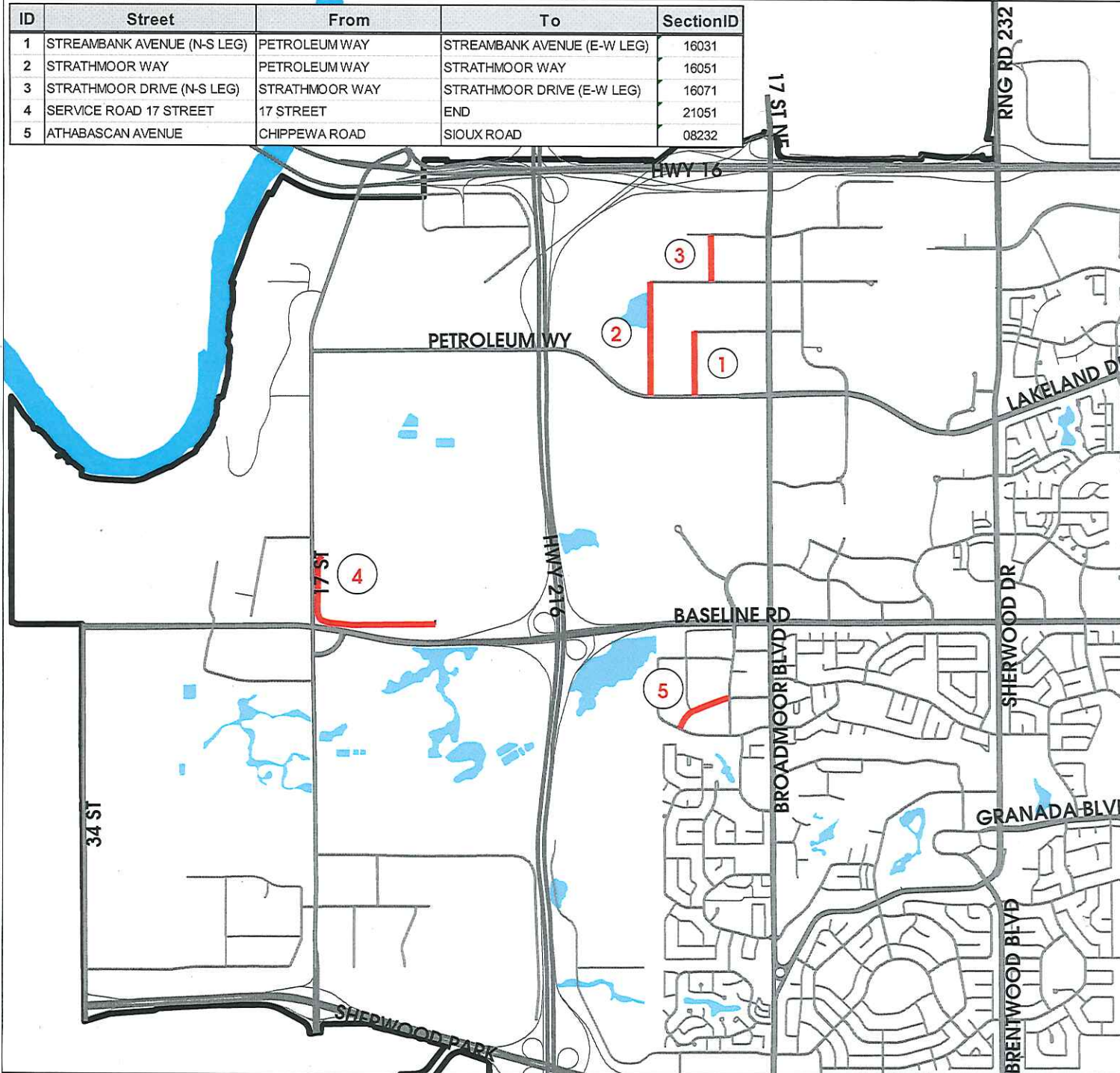
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Arterial Rehab - Urban

Enclosure 6

ID	Street	From	To	SectionID
1	STREAMBANK AVENUE (N-S LEG)	PETROLEUM WAY	STREAMBANK AVENUE (E-W LEG)	16031
2	STRATHMOOR WAY	PETROLEUM WAY	STRATHMOOR WAY	16051
3	STRATHMOOR DRIVE (N-S LEG)	STRATHMOOR WAY	STRATHMOOR DRIVE (E-W LEG)	16071
4	SERVICE ROAD 17 STREET	17 STREET	END	21051
5	ATHABASCAN AVENUE	CHIPPEWA ROAD	SIOUX ROAD	08232



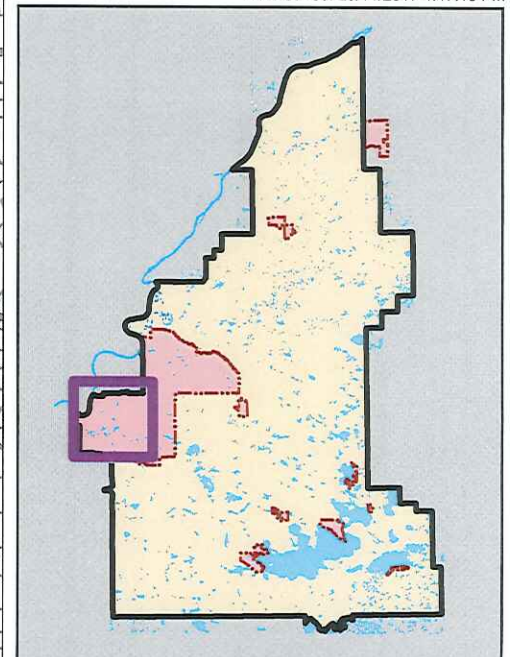
- Municipal Boundary
- Hamlet Boundary
- Arterial Road Rehab




STRATHCONA
COUNTY

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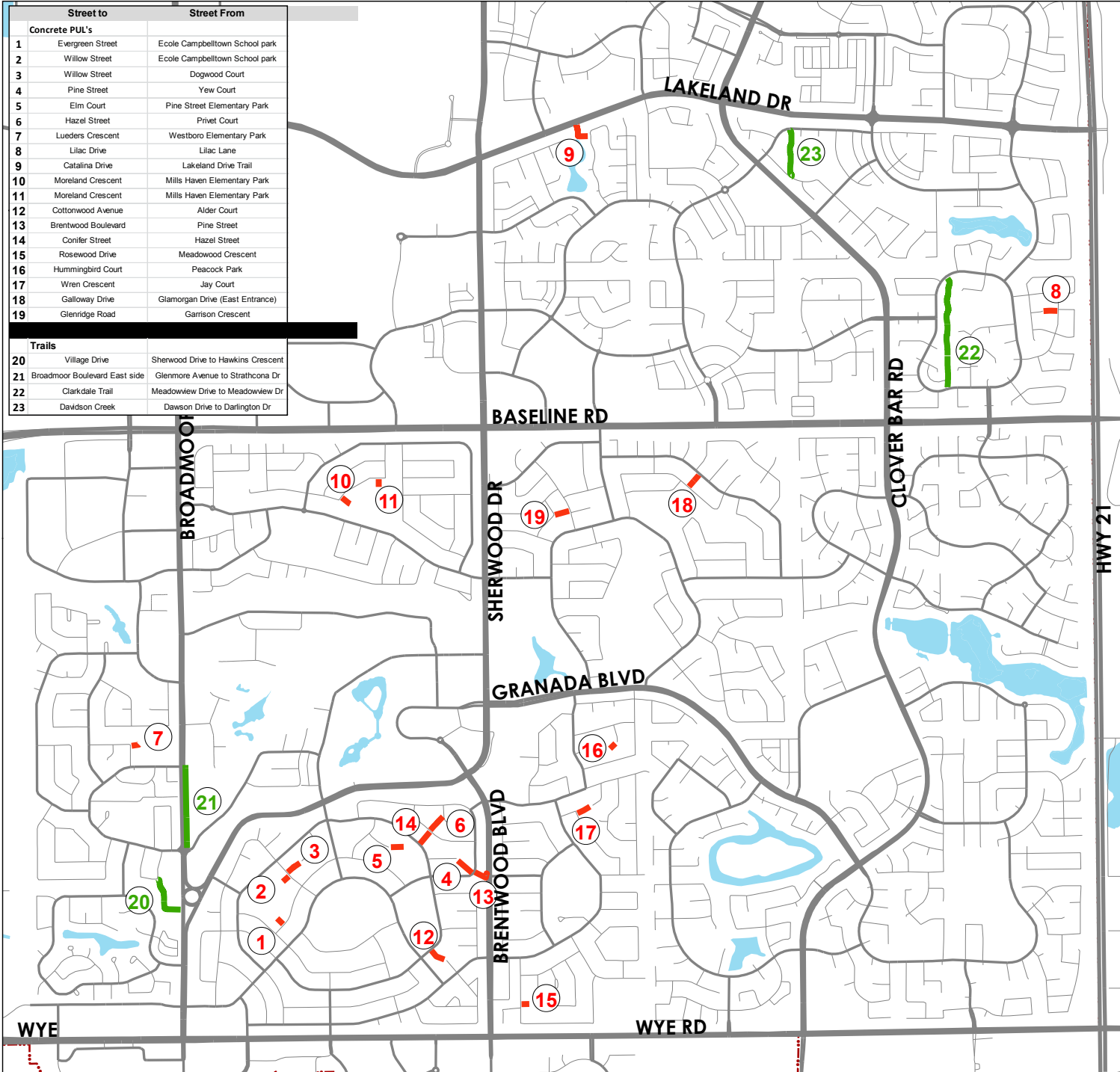
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2018 Concrete Walks and Trails - Urban

Enclosure 7

Street to	Street From
Concrete PUL's	
1 Evergreen Street	Ecole Campbelltown School park
2 Willow Street	Ecole Campbelltown School park
3 Willow Street	Dogwood Court
4 Pine Street	Yew Court
5 Elm Court	Pine Street Elementary Park
6 Hazel Street	Privet Court
7 Lueders Crescent	Westboro Elementary Park
8 Lilac Drive	Lilac Lane
9 Catalina Drive	Lakeland Drive Trail
10 Moreland Crescent	Mills Haven Elementary Park
11 Moreland Crescent	Mills Haven Elementary Park
12 Cottonwood Avenue	Alder Court
13 Brentwood Boulevard	Pine Street
14 Conifer Street	Hazel Street
15 Rosewood Drive	Meadowood Crescent
16 Hummingbird Court	Peacock Park
17 Wren Crescent	Jay Court
18 Galloway Drive	Glamorgan Drive (East Entrance)
19 Glenridge Road	Garrison Crescent
Trails	
20 Village Drive	Sherwood Drive to Hawkins Crescent
21 Broadmoor Boulevard East side	Glenmore Avenue to Strathcona
22 Clarkdale Trail	Meadowview Drive to Meadowview Dr
23 Davidson Creek	Dawson Drive to Darlington Dr



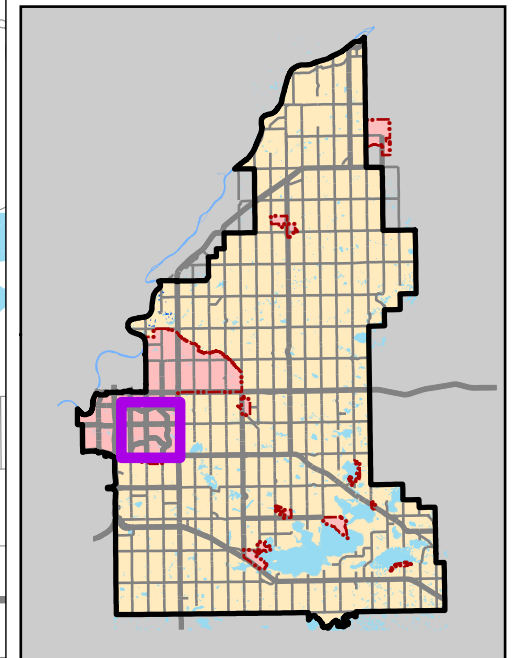
- Concrete Walks
- Trails
- Municipal Boundary
- Hamlet Boundary



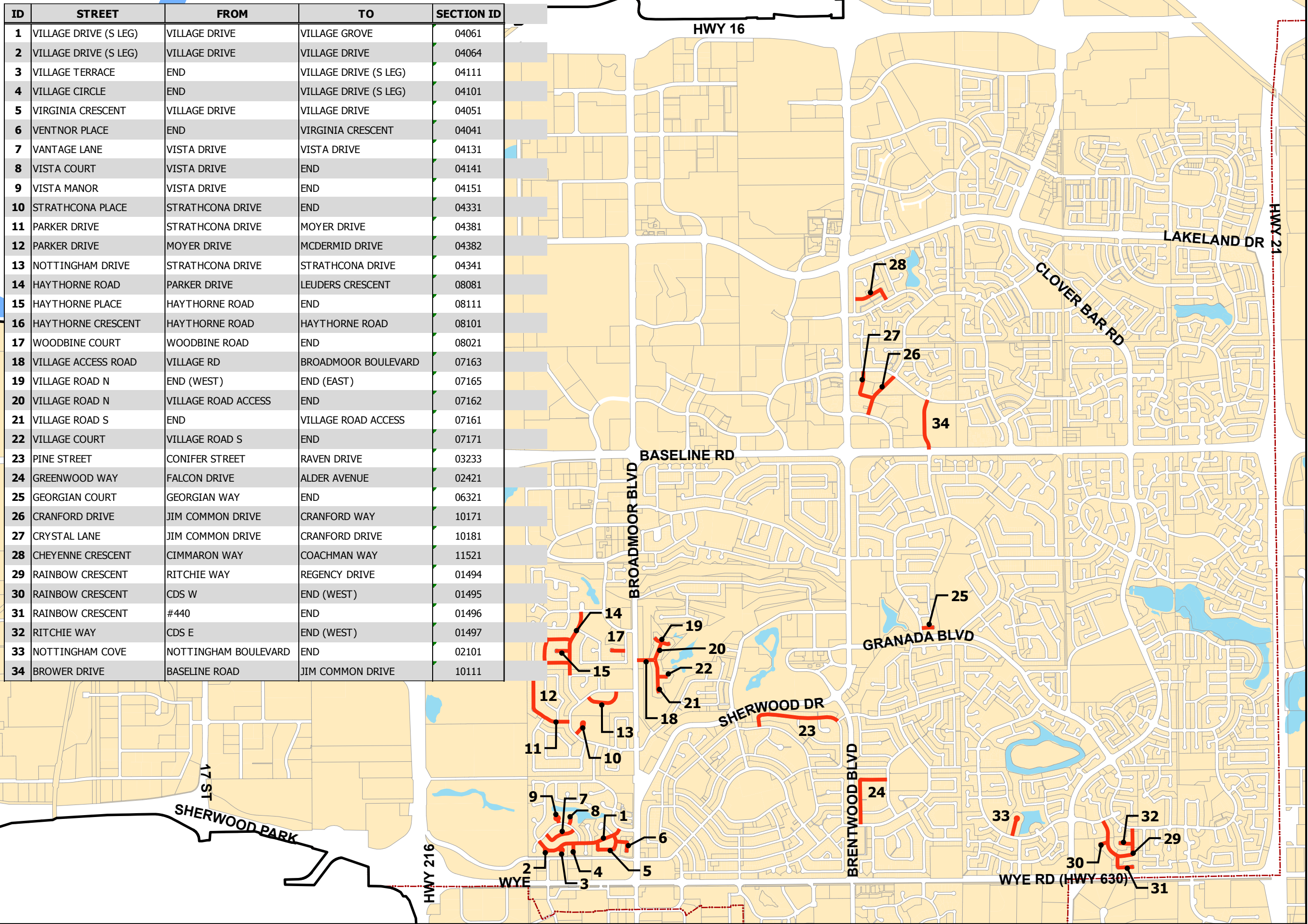

STRATHCONA
COUNTY

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ID	STREET	FROM	TO	SECTION ID
1	VILLAGE DRIVE (S LEG)	VILLAGE DRIVE	VILLAGE GROVE	04061
2	VILLAGE DRIVE (S LEG)	VILLAGE DRIVE	VILLAGE DRIVE	04064
3	VILLAGE TERRACE	END	VILLAGE DRIVE (S LEG)	04111
4	VILLAGE CIRCLE	END	VILLAGE DRIVE (S LEG)	04101
5	VIRGINIA CRESCENT	VILLAGE DRIVE	VILLAGE DRIVE	04051
6	VENTNOR PLACE	END	VIRGINIA CRESCENT	04041
7	VANTAGE LANE	VISTA DRIVE	VISTA DRIVE	04131
8	VISTA COURT	VISTA DRIVE	END	04141
9	VISTA MANOR	VISTA DRIVE	END	04151
10	STRATHCONA PLACE	STRATHCONA DRIVE	END	04331
11	PARKER DRIVE	STRATHCONA DRIVE	MOYER DRIVE	04381
12	PARKER DRIVE	MOYER DRIVE	MCDERMID DRIVE	04382
13	NOTTINGHAM DRIVE	STRATHCONA DRIVE	STRATHCONA DRIVE	04341
14	HAYTHORNE ROAD	PARKER DRIVE	LEUDERS CRESCENT	08081
15	HAYTHORNE PLACE	HAYTHORNE ROAD	END	08111
16	HAYTHORNE CRESCENT	HAYTHORNE ROAD	HAYTHORNE ROAD	08101
17	WOODBINE COURT	WOODBINE ROAD	END	08021
18	VILLAGE ACCESS ROAD	VILLAGE RD	BROADMOOR BOULEVARD	07163
19	VILLAGE ROAD N	END (WEST)	END (EAST)	07165
20	VILLAGE ROAD N	VILLAGE ROAD ACCESS	END	07162
21	VILLAGE ROAD S	END	VILLAGE ROAD ACCESS	07161
22	VILLAGE COURT	VILLAGE ROAD S	END	07171
23	PINE STREET	CONIFER STREET	RAVEN DRIVE	03233
24	GREENWOOD WAY	FALCON DRIVE	ALDER AVENUE	02421
25	GEORGIAN COURT	GEORGIAN WAY	END	06321
26	CRANFORD DRIVE	JIM COMMON DRIVE	CRANFORD WAY	10171
27	CRYSTAL LANE	JIM COMMON DRIVE	CRANFORD DRIVE	10181
28	CHEYENNE CRESCENT	CIMMARON WAY	COACHMAN WAY	11521
29	RAINBOW CRESCENT	RITCHIE WAY	REGENCY DRIVE	01494
30	RAINBOW CRESCENT	CDS W	END (WEST)	01495
31	RAINBOW CRESCENT	#440	END	01496
32	RITCHIE WAY	CDS E	END (WEST)	01497
33	NOTTINGHAM COVE	NOTTINGHAM BOULEVARD	END	02101
34	BROWER DRIVE	BASELINE ROAD	JIM COMMON DRIVE	10111



Legend

- Subject Location
- Municipal Boundary
- Hamlet Boundary

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