

Projected 2016-2018 Roadway Preservation Plan



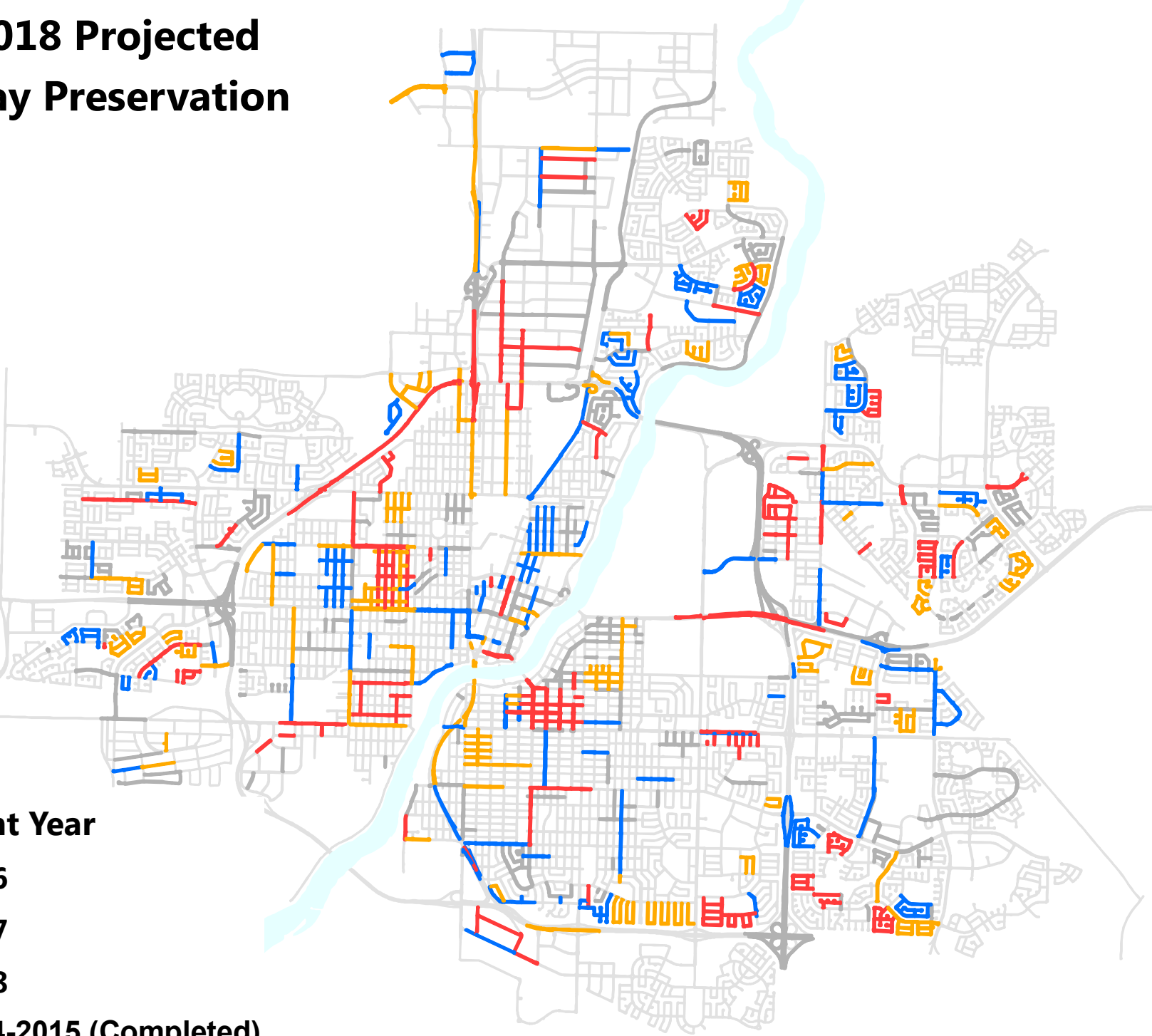
Major Projects Asset Preservation
December 10, 2015

2016-2018 Projected Roadway Preservation



Treatment Year

- 2016
- 2017
- 2018
- 2014-2015 (Completed)



Roadway Preservation Asset Management

Roadway Asset Management is a process of monitoring, maintaining, and preserving our roads effectively throughout their lifecycle. Our goal is to employ effective decision making to optimize a cost effective mix of treatments, to maximize the number of road treated to improve the roadway network as a whole.

Assumptions

The following assumptions were used to produce this preliminary roadway preservation document:

- For 2016 Target funding is achieved, although it is a combination of one-time funding and base funding.
- Target base funding, if approved, should be reached in 2017 and maintained for 2018.
- Treatment quantities developed are based on adjusted previous year close out reports. Treatment quantities and locations may vary once contract pricing is received or after construction is initiated.
- The unit rate cost estimates are based on but not limited to: contractor unit rates, project management, administration, traffic control, miscellaneous surface prep work, testing, and a contingency.
- The attached document includes proposed treatments. Actual locations and quantities treated may vary prior to construction.
- A lane-km, as referred to in this document, is the calculation of the current paved area divided by a lane width of 3.8 metres and then divided by 1000 metres per kilometre which results the Lane-km.
- Sidewalk preservation of severely damaged sidewalk panels and safety maintenance of lightly damaged sidewalk panels will be performed adjacent to the treated roadways.

Treatment Descriptions

Crack Sealing – Crack sealing is a rubberized asphaltic material that is used to seal transverse and longitudinal cracks, open longitudinal seams, and minor fatigue cracking. Crack sealing prevents moisture infiltration into the roadway structure to reduce the chance of premature structural failure and potholes.



Typical Crack Filling Project

Microsurfacing - Microsurfacing is a surfacing treatment involving the placement of specified crushed graded aggregate with an asphalt emulsion. This treatment is placed on roads that are structurally sound, with limited or no cracking, and with no significant surface imperfections. This treatment is typically used to address roadways with weathered or ravelled surfaces.



Typical Microsurfacing

Blade Level – Blade levelling is placing a layer of hot mix asphalt with a motor grader and then compacted with steel and rubber tire rollers for entire road segment. Blade levelling is currently performed by City Public Works crews. Its primary purpose is to improve the roadway surface profile, which results in improved drainage and ride.



Typical Blade Level Project

Structural Overlays – A structural overlay is an overlay to provide additional structure to the existing roadway to accommodate current and future traffic loads. Structural overlays are intended to have a thickness of no less than 40mm. Additional design based on AASHTO 93 principles may be required to assess whether the roadway needs greater than 40mm. This treatment is used on roads identified through condition assessment that have a rural cross section or sufficient curb height present to accommodate additional thickness of asphalt.



Typical Overlay Project

Ultra Thin Overlays – The Ultra Thin Overlay (UTO) is a heavier and smoother wearing course than that of microsurfacing. It utilizes a fine graded aggregate combined with a polymer modified asphalt bitumen. UTOs are typically placed in a thickness ranging from 25-35mm to provide a little extra structure but more so act as a higher quality wearing surface and improve ride quality. This treatment may require spot milling where existing asphalt is fatigue cracked and will not provide sound foundation for the UTO. Typically it is used on roads with minor surface imperfections and signs of raveling or weathering.



Typical Ultra Thin Overlay Project

Resurfacing – Resurfacing uses a milling machine to remove a layer of existing deteriorated pavement surface as well as to restore the roadway profile prior to adding a new asphalt layer. This treatment replaces the surface and restores the road profile.



Typical Resurfacing Project

Reconstruction – Reconstruction is used when the entire section of roadway has structurally failed or the asphalt pavement has deteriorated and is unable to support its intended loads. Reconstruction involves the complete removal and replacement of the asphalt, base and sub base and may involve the removal and/or strengthening of a portion of the sub grade of the entire roadway section. When ground water is a factor in the full depth structural failure, a subdrain system is typically installed during the repair. There are two types of reconstruction currently being practiced; Conventional full depth reconstruction or Remove and Replace asphalt only with spot deep repairs as required.



Typical Reconstruction Project

Water/Sewer Coordinated Road Works – Water and Sewer Road Restoration is used to restore the roadway outside the limits of the water/sewer work. It is the responsibility of the water/sewer to restore the roadway within its work limits and be charged to the water/sewer budget. Outside of the water/sewer limit, the roadway budget will cover the costs.



Typical Water/Sewer Coordinated Road Project

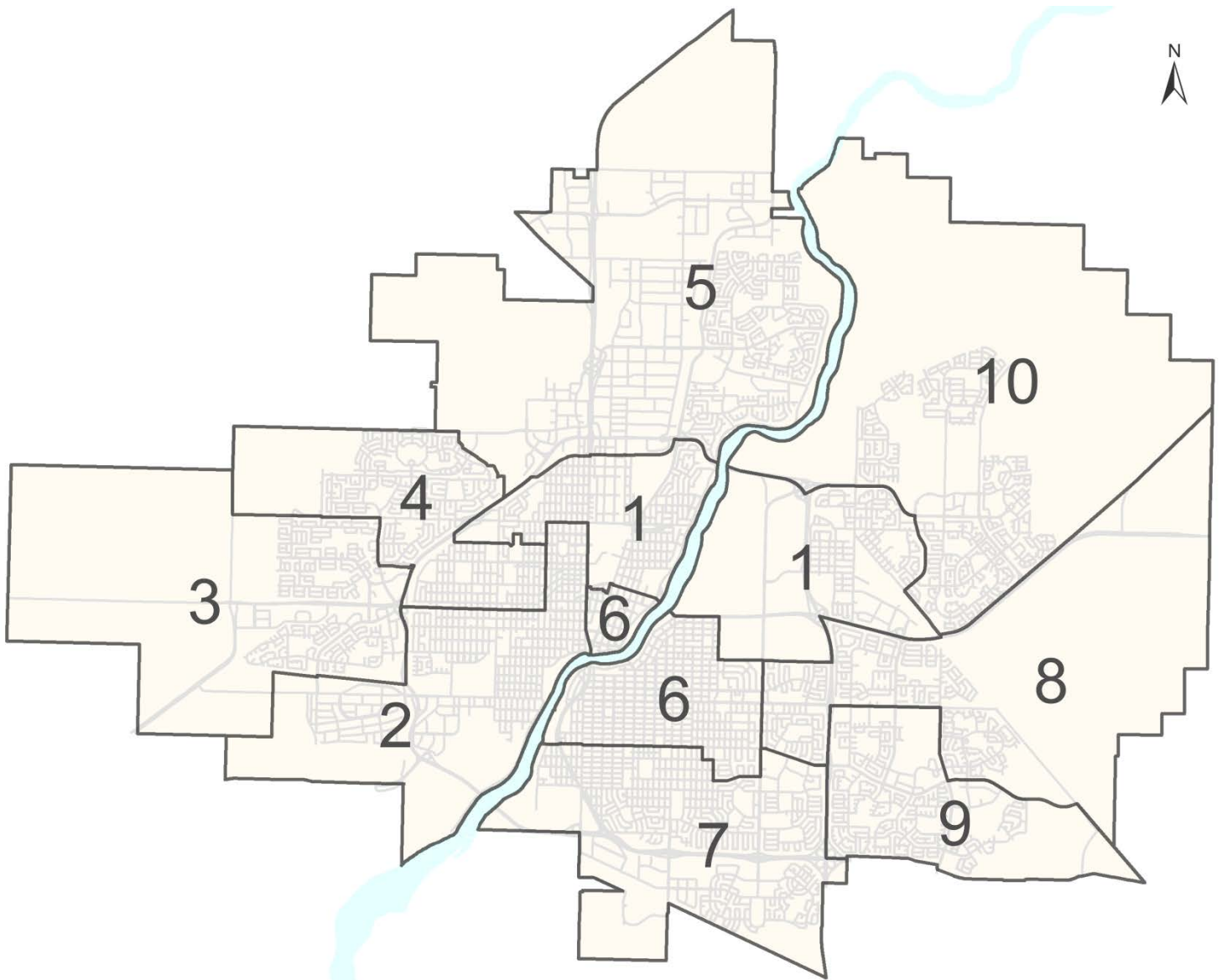
Patching – Patching is used when an isolated sections of the roadway has deteriorated asphalt, poor ride, poor drainage, or is structurally failed and is unable to support its intended loads. This can occur from premature weathering, raveling, settlements, traffic loading is greater than the road was designed to carry, rising water table weakening the subgrade, or poor construction control. Patching involves the restoring the localized failures on the roadway to a competent state by either surface patching to improve the ride and drainage, up to complete removal and replacement of the asphalt, and possibly base and subbase. Patching shall be used as required in conjunction with other treatments to improve the entire roadway segment.



Typical Patching Project

Projected 2016-2018 Roadway Preservation Plan

Project Locations by Ward and Expressways

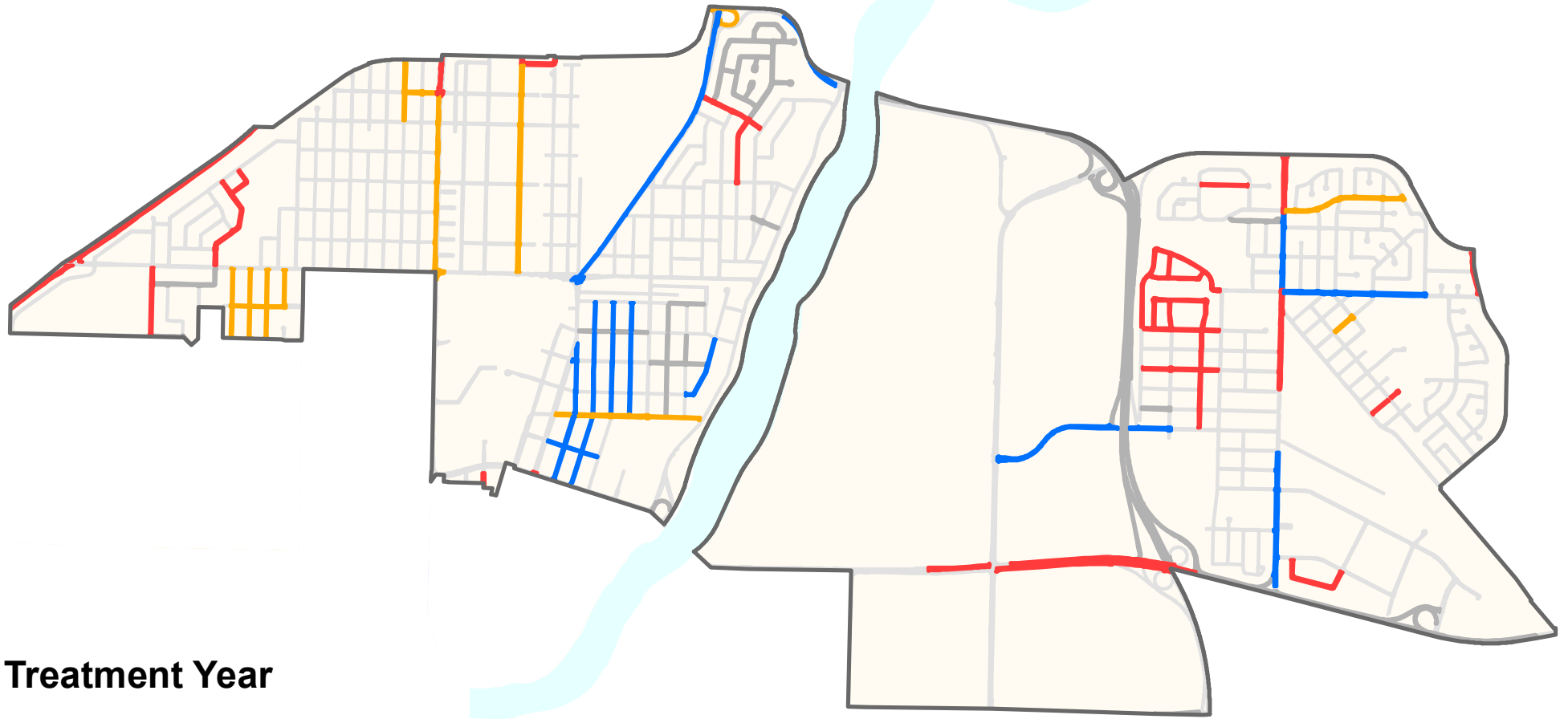


**BUILDING
BETTER
ROADS**
SASKATOON'S ROAD PLAN


City of
Saskatoon

2016-2018 Projected Roadway Preservation

Ward 1



Treatment Year

- 2016
- 2017
- 2018
- 2014-2015 (Completed)

Terms of Reference - Ward 1

2016 TERMS OF REFERENCE LOCATIONS					
Street Name	From	To	Road Class	Treatment	Lane-Km
111th St W	Lanyon Ave	Egbert Ave	Local	Blade Level	1.5
113th St W	Lanyon Ave	Egbert Ave	Local	Microsurface	1.5
115th St W	Rutherford Cres	Egbert Ave	Local	Microsurface	0.2
40th St E	Quebec Ave	1st Ave N	Local	Structural Overlay	0.7
Alexandra Ave	Windsor St	Hazen St	Local	Microsurface	1.0
Bryans Ave	113th St W	Rita Cres	Local	Microsurface	0.5
Central Ave	110th St W	115th St E / 115th St W	Arterial	Resurface	2.3
Central Ave	Reid Rd / Rossmo Rd	Attridge Dr	Arterial	Resurface	1.6
College Dr WB	Preston Ave N	Campus Dr	Arterial	Resurface	1.4
Hazen St	Warman Rd	Prince of Wales Ave	Collector	Resurface	1.3
Imperial St	Gray Ave	End	Local	Reconstruction	0.5
Jessop Ave	103rd St E	103rd St E	Local	Resurface	1.7
Kusch Cres	Valens Dr	Howell Ave	Local	Reconstruction - W&S	0.6
Lanyon Ave	113th St W	Rutherford Cres	Local	Microsurface	0.8
Reid Way	Reid Rd	Reid Rd	Local	Blade Level	0.8
Rita Ave	108th St W	113th St W	Local	Microsurface	1.6
Rita Cres	113th St W	113th St W	Local	Microsurface	2.0
Rutherford Cres	Rutherford Way	115th St W	Local	Microsurface	1.6
Rutherford Lane	Rutherford Way	Rutherford Cres	Local	Microsurface	0.3
Rutherford Way	Rutherford Cres	Rutherford Cres	Local	Microsurface	0.8
Valens Dr	33rd St W	Howell Ave	Collector	Resurface	2.2
2016 Totals					24.6

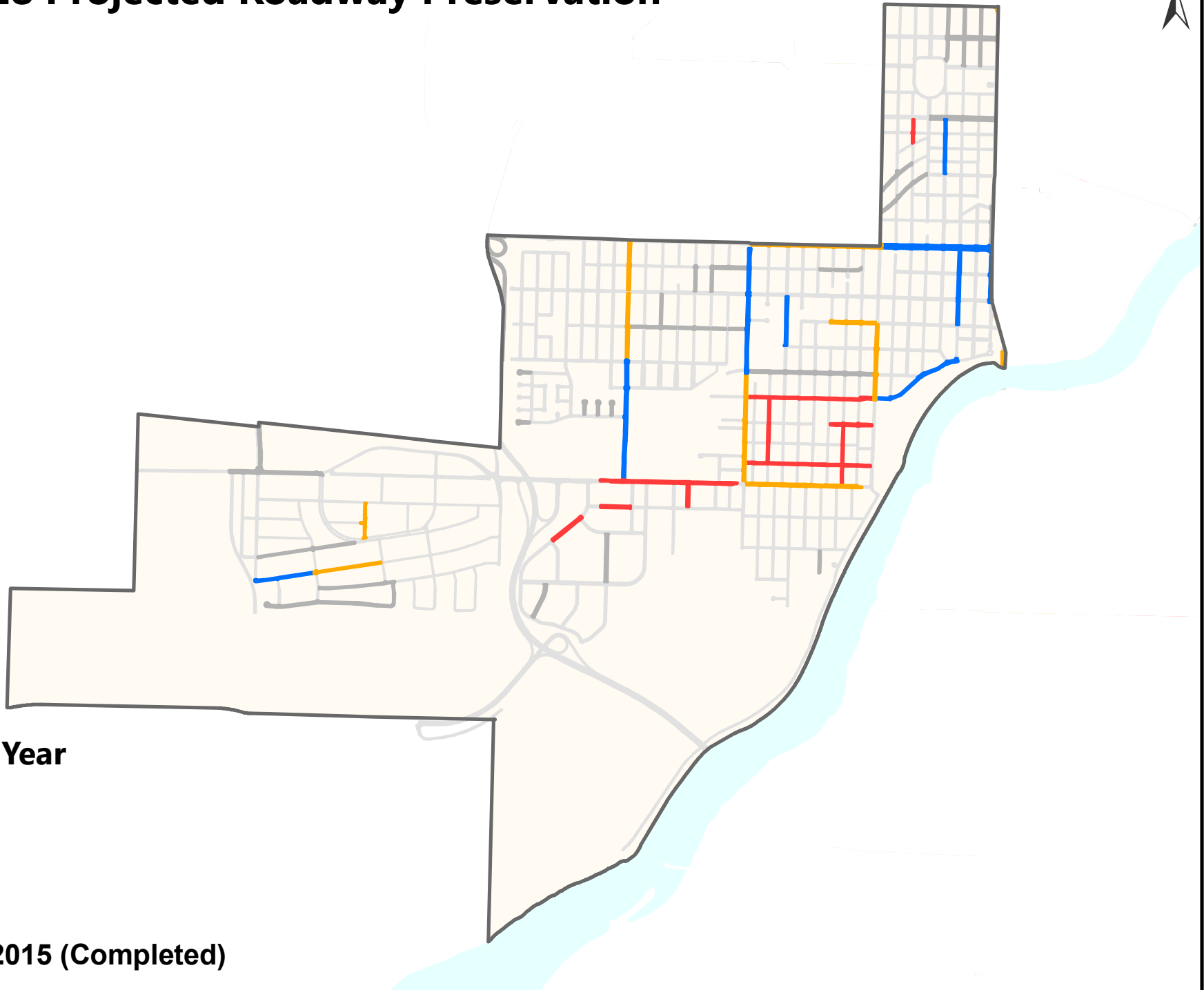
2017 TERMS OF REFERENCE LOCATIONS					
Street Name	From	To	Road Class	Treatment	Lane-Km
32nd St W	Ave L N	Ave I N	Local	Microsurface	0.8
39th St W	Ave C N	Idylwyld Dr N	Collector	Resurface	0.7
Ave C N	38th St W	Circle Dr	Collector	Resurface	2.3
Ave I N	32nd St W	33rd St W	Local	Microsurface	0.5
Ave J N	31st St W	33rd St W	Local	Microsurface	0.9
Ave K N	31st St W	33rd St W	Local	Microsurface	0.9
Ave L N	31st St W	33rd St W	Local	Microsurface	1.0
Dunlop St	Spark Ave	Prairie Ave	Collector	Reconstruction - W&S	0.5
Idylwyld Dr N SB	39th St W	33rd St W	Arterial	Resurface	3.0
Quebec Ave	33rd St E	40th St E	Arterial	Resurface	4.3
Queen St	2nd Ave N	Spadina Cres E	Collector	Resurface	2.8
Rossmo Rd	Reid Rd	Kellins Cres	Collector	Resurface	2.3
2017 Totals					20.0

2018 TERMS OF REFERENCE LOCATIONS					
Street Name	From	To	Road Class	Treatment	Lane-Km
108th St W	108th St W / Circle Dr Overpass	Bryans Ave	Arterial	Resurface	0.8
108th St W	Preston Ave N	108th St W / Circle Dr Overpass	Arterial	Microsurface	2.7
115th St E	Central Ave	Forest Dr	Collector	Microsurface	3.3
26th St E	2nd Ave N	5th Ave N	Collector	Blade Level	0.7
3rd Ave N	25th St E	2nd Ave N	Collector	Resurface	2.3
4th Ave N	25th St E WB	Duchess St	Local	Microsurface	2.5
5th Ave N	Queen St	Duchess St	Local	Microsurface	1.5
6th Ave N	Queen St	Duchess St	Local	Microsurface	1.6
Central Ave	College Dr	107th St W	Arterial	Resurface	3.1
Central Ave	115th St E / 115th St W	Reid Rd / Rossmo Rd	Arterial	UTO	1.7
King Cres	9th Ave N	Duke St	Local	Blade Level	1.0
Warman Rd SB	Warman Rd / Circle Dr Overpass SB	33rd St E	Arterial	Resurface	4.6
2018 Totals					25.8

	Lane-Km
2016	24.6
2017	20.0
2018	25.8
2016-2018 Totals	70.4

2016-2018 Projected Roadway Preservation

Ward 2



Treatment Year

- 2016
- 2017
- 2018
- 2014-2015 (Completed)

Terms of Reference - Ward 2

2016 TERMS OF REFERENCE LOCATIONS					
Street Name	From	To	Road Class	Treatment	Lane-Km
11th St W	Dawes Ave	Ave P S	Arterial	Resurface	3.3
12th St W	Ave P S	Ave H S	Local	Microsurface	2.1
15th St W	Ave K S	Ave I S	Local	Blade Level	0.6
15th St W	Ave I S	Ave H S	Local	Microsurface	0.3
16th St W	Ave P S	Ave K S	Local	Microsurface	1.4
16th St W	Ave K S	Ave H S	Local	Blade Level	0.9
Ave F N	Rusholme Rd	29th St E	Local	Reconstruction	0.4
Ave J S	11th St W	15th St W	Local	Microsurface	0.9
Ave O S	12th St W	16th St W	Local	Microsurface	1.1
Ave T S	Dudley St	11th St W	Local	Blade Level	0.6
Dudley St	McLeod Ave	Schuyler St	Collector	Blade Level	1.0
Dudley St	Dawes Ave	Ave X S	Local	Blade Level	0.7
2016 Totals					37.6

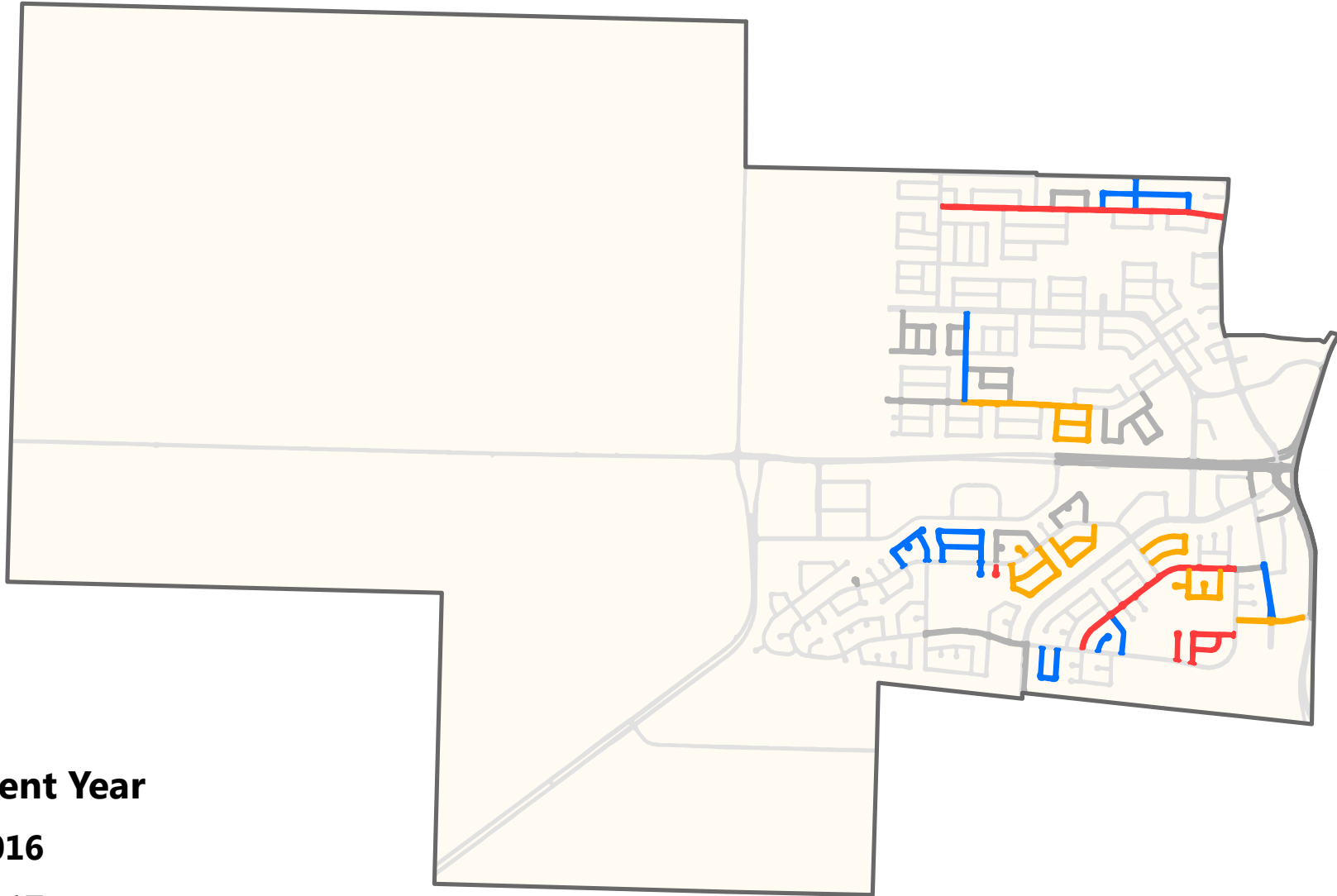
2017 TERMS OF REFERENCE LOCATIONS					
Street Name	From	To	Road Class	Treatment	Lane-Km
11th St W	Ave P S	Ave H S / Spadina Cres W	Arterial	Resurface	2.9
19th St W	Ave K S	Ave H S	Local	Blade Level	1.0
Ave H S	16th St W	19th St W	Arterial	Resurface	1.8
Ave P S	11th St W	17th St W	Arterial	Resurface	2.8
Ave W S	18th St W	22nd St W	Arterial	Resurface	2.8
Dieppe St	Haida Ave	Crerar Dr	Collector	Reconstruction	0.7
Rockingham Ave	Crescent Blvd / Ortona St	Caen St	Local	Reconstruction	0.5
2017 Totals					12.6

2018 TERMS OF REFERENCE LOCATIONS					
Street Name	From	To	Road Class	Treatment	Lane-Km
16th St W	Ave H S	Ave G S	Collector	Resurface	0.3
22nd St W EB	Ave H N / Ave H S	Idylwyld Dr N / Idylwyld Dr S	Arterial	Microsurface	2.4
22nd St W WB	Idylwyld Dr N / Idylwyld Dr S	Ave H N / Ave H S	Arterial	Microsurface	2.3
Ave C S	19th St W	22nd St W	Local	Resurface	1.8
Ave D N	25th St W	29th St W	Local	Microsurface	0.9
Ave N S	18th St W	Rail	Local	Structural Overlay	0.5
Ave N S	Rail	20th St W	Local	Resurface	0.6
Ave P S	Rail	22nd St W	Arterial	Resurface	2.6
Ave P S	17th St W	Rail	Arterial	Structural Overlay	0.5
Ave W S	11th St W	18th St W	Arterial	Resurface	3.1
Dieppe St	Elevator Rd	Haida Ave	Collector	Reconstruction	0.8
Spadina Cres W	Ave G S	Ave C S	Collector	Resurface	1.4
2018 Totals					17.2

	Lane-Km
2016	37.6
2017	12.6
2018	17.2
2016-2018 Totals	67.5

2016-2018 Projected Roadway Preservation

Ward 3



Treatment Year

- 2016
- 2017
- 2018
- 2014-2015 (Completed)

Terms of Reference - Ward 3

2016 TERMS OF REFERENCE LOCATIONS					
Street Name	From	To	Road Class	Treatment	Lane-Km
Forrester Rd	Pendygrasse Rd	Pendygrasse Rd	Collector	UTO	3.8
Fusedale Terr	McCormack Rd	End	Local	Blade Level	0.2
Henigman Pl	Pendygrasse Rd	End	Local	Microsurface	0.5
John A MacDonald Rd	Steeves Ave	Confederation Dr	Collector	Microsurface	5.8
Thomas Cres	Pendygrasse Rd	Pendygrasse Rd	Local	Microsurface	1.2
Thomas Way	Thomas Cres	Thomas Cres	Local	Microsurface	0.6
2016 Totals					12.2

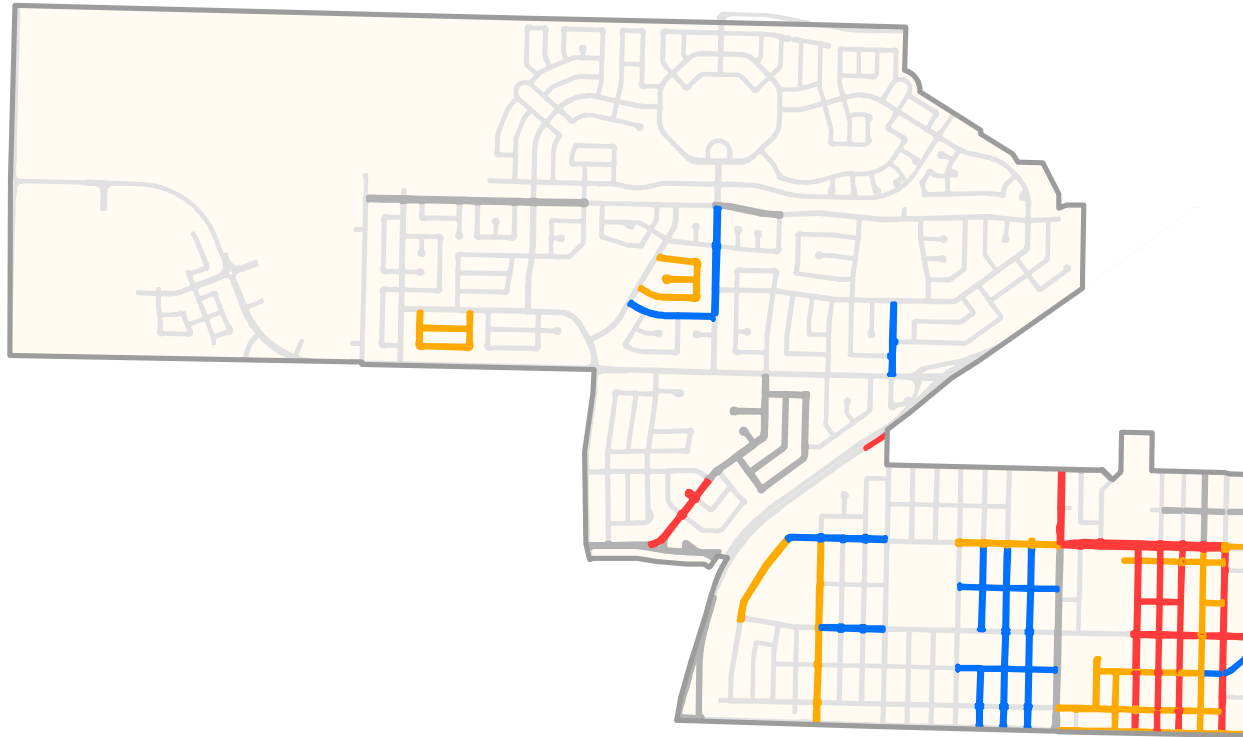
2017 TERMS OF REFERENCE LOCATIONS					
Street Name	From	To	Road Class	Treatment	Lane-Km
Centennial Dr	Lisgar Ave	Tache Cres	Collector	Resurface	2.7
Clancy Dr	Pendygrasse Rd	Circle Dr	Collector	Resurface	1.4
Galbraith Cres	Olmstead Rd	Olmstead Rd	Local	Microsurface	1.7
Gooding Pl	McCormack Rd	End	Local	Microsurface	0.2
Hull Cres	Forrester Rd	Forrester Rd	Local	Blade Level	1.5
Hull Crt	Hull Cres	End	Local	Microsurface	0.3
Hull Pl	Hull Cres	End	Local	Microsurface	0.3
Poth Cres	McCormack Rd	McCormack Rd	Local	Microsurface	1.4
Poth Way	Poth Cres	Poth Cres	Local	Microsurface	0.6
Streb Cres	McCormack Rd	McCormack Rd	Local	Microsurface	2.0
Streb Way	Streb Cres	Streb Cres	Local	Microsurface	0.6
Tache Cres	Centennial Dr	Centennial Dr	Local	Microsurface	1.7
Tache Cres	Tache Cres	Tache Cres	Local	Microsurface	0.4
2017 Totals					14.9

2018 TERMS OF REFERENCE LOCATIONS					
Street Name	From	To	Road Class	Treatment	Lane-Km
Cartier Cres	John A MacDonald Rd	John A MacDonald Rd	Local	Microsurface	2.0
Diggle Pl	Pendygrasse Rd	End	Local	Microsurface	0.4
Fairburn Crt	End	McCormack Rd	Local	Microsurface	0.2
Fairmont Dr	Clancy Dr	Forrester Rd	Collector	Resurface	1.4
Lisgar Ave	Centennial Dr	Diefenbaker Dr	Collector	Microsurface	1.8
Lochrie Cres	Pendygrasse Rd	Pendygrasse Rd	Local	Microsurface	1.3
Neatby Cres	Neatby Cres	End	Local	Microsurface	0.1
Neatby Cres	McCormack Rd	McCormack Rd	Local	Microsurface	1.4
Neatby Pl	Neatby Cres	End	Local	Microsurface	0.2
Needham Cres	McCormack Rd	McCormack Rd	Local	Microsurface	1.8
Needham Way	Needham Cres	Needham Cres	Local	Microsurface	0.6
Peeling Ave	Pendygrasse Rd	Forrester Rd	Local	Microsurface	0.7
Tilley Ave	John A MacDonald Rd	33rd St W	Local	Microsurface	0.6
2018 Totals					12.5

	Lane-Km
2016	12.2
2017	14.9
2018	12.5
2016-2018 Totals	39.5

2016-2018 Projected Roadway Preservation

Ward 4



Treatment Year

- 2016
- 2017
- 2018
- 2014-2015 (Completed)

Terms of Reference - Ward 4

2016 TERMS OF REFERENCE LOCATIONS					
Street Name	From	To	Road Class	Treatment	Lane-Km
27th St W	Ave M N	Ave K N	Local	Microsurface	0.4
29th St W EB	Ave P N	Ave I N	Collector	Reconstruction	1.6
29th St W WB	Ave I N	Ave P N	Collector	Resurface	1.6
Ave I N	22nd St W	29th St E	Local	Microsurface	3.0
Ave K N	22nd St W	29th St W EB	Local	Microsurface	2.0
Ave L N	22nd St W WB	23rd St W	Local	Blade Level	0.2
Ave L N	23rd St W	Bedford Rd	Local	Reconstruction - W&S	0.4
Ave L N	Bedford Rd	Rusholme Rd	Local	Microsurface	0.4
Ave L N	Rusholme Rd	27th St W	Local	Reconstruction - W&S	0.4
Ave L N	27th St W	29th St E	Local	Microsurface	0.6
Ave M N	22nd St W	29th St W EB	Local	Microsurface	2.7
Ave P N	29th St W	33rd St W	Arterial	Resurface	2.9
Malta Pl	Northumberland Ave	Northumberland Ave	Local	Blade Level	0.2
Northumberland Ave	Milton St	Massey Dr	Collector	Microsurface	1.2
Rusholme Rd	Ave M N	Ave H N	Collector	Reconstruction	1.8
2016 Totals					19.3

2017 TERMS OF REFERENCE LOCATIONS					
Street Name	From	To	Road Class	Treatment	Lane-Km
22nd St W EB	Ave P N / Ave P S	Ave H N / Ave H S	Arterial	Resurface	2.9
22nd St W WB	Ave H N / Ave H S	Ave P N / Ave P S	Arterial	Microsurface	2.7
23rd St W	Ave P N	Ave I N	Local	Blade Level	2.1
27th St W	Ave J N	Ave I N	Local	Microsurface	0.2
28th St W	Ave I N	End	Local	Microsurface	1.1
29th St W	Ave T N	Ave P N	Collector	Microsurface	1.6
29th St W WB	Ave H N	Ave I N	Collector	Reconstruction - W&S	0.3
Ave J N	22nd St W WB	29th St W EB	Local	Microsurface	2.0
Ave N N	22nd St W WB	Bedford Rd	Local	Microsurface	0.7
Bedford Rd	McMillan Ave	Ave J N	Local	Microsurface	1.2
Kirkpatrick Cres	George Rd	George Rd	Local	Microsurface	1.9
Kirkpatrick Crt	Kirkpatrick Cres	End	Local	Microsurface	0.5
Manning Cres	Wedge Rd	Wedge Rd	Local	Microsurface	1.7
Manning Lane	Manning Cres	Manning Cres	Local	Microsurface	0.6
McMillan Ave	23rd St W	End	Local	Microsurface	0.8
Vancouver Ave N	Rusholme Rd	29th St W	Local	Blade Level	1.6
Witney Ave N	22nd St W	29th St W	Collector	Resurface	2.8
2017 Totals					24.7

2018 TERMS OF REFERENCE LOCATIONS					
Street Name	From	To	Road Class	Treatment	Lane-Km
29th St W	Vancouver Ave N	Ave W N	Local	Resurface	1.7
Ave Q N	22nd St W WB	29th St W	Local	Microsurface	2.5
Ave R N	22nd St W WB	29th St W	Local	Microsurface	2.5
Ave S N	22nd St W WB	29th St W	Local	Microsurface	2.0
Ave W N	33rd St W	Richardson Rd	Collector	Resurface	1.2
Bedford Rd	Ave T N	Ave P N	Local	Microsurface	1.1
Bedford Rd	Ave J N	Ave H N	Local	Reconstruction	0.5
Junor Ave	Makaroff Rd	37th St W	Collector	Resurface	2.0
Makaroff Rd	George Rd	Junor Ave	Local	Microsurface	1.3
Maxwell Cres	Matheson Dr	Matheson Dr	Local	Blade Level	1.4
Rusholme Rd	Witney Ave N	Ave W N	Collector	Resurface	1.1
Rylston Rd	Ave T N	Ave P N	Local	Microsurface	1.1
2018 Totals					18.5

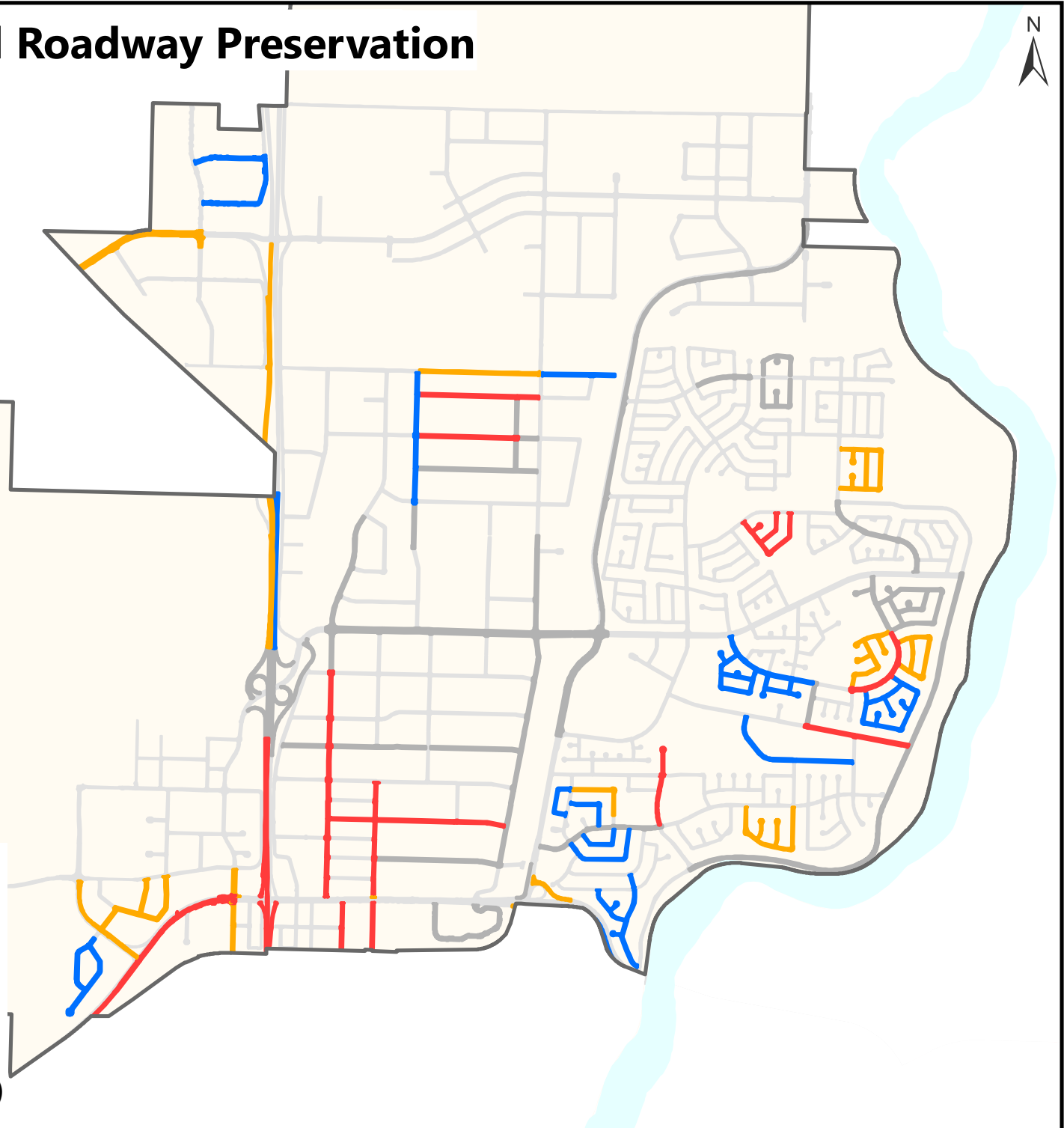
	Lane-Km
2016	19.3
2017	24.7
2018	36.9
2016-2018 Totals	80.9

2016-2018 Projected Roadway Preservation

Ward 5

Treatment Year

- 2016
- 2017
- 2018
- 2014-2015 (Completed)



Terms of Reference - Ward 5

2016 TERMS OF REFERENCE LOCATIONS

Street Name	From	To	Road Class	Treatment	Lane-Km
1st Ave N	Circle Dr	46th St E	Collector	Resurface	2.6
1st Ave N	40th St E	Circle Dr	Local	Reconstruction	1.3
45th St E	Faithfull Ave	McKee Ave	Local	Resurface	2.7
45th St E	McKee Ave	Millar Ave	Local	Microsurface	1.1
58th St E	Miners Ave	Wells Ave	Local	Resurface	2.5
59th St E	Miners Ave	Millar Ave	Local	Resurface	3.0
Faithfull Ave	Circle Dr	50th St E	Arterial	Resurface	5.6
Pinehouse Dr	Reindeer Rd	Spadina Cres E / Whiteswan Dr	Collector	Resurface	2.5
Quebec Ave	40th St E	Circle Dr	Arterial	Resurface	1.3
Ravine Crt	Churchill Dr	End	Local	Microsurface	0.6
Ravine Dr	Assiniboine Dr	Churchill Dr	Collector	Microsurface	1.1
Redberry Rd	Frobisher Cres / Wathamam Cres	Candle Cres / Frobisher Cres	Collector	Resurface	2.6
Stechishin Cres	Meilicke Rd	Meilicke Rd	Local	Microsurface	1.7
Stechishin Terr	Stechishin Cres	End	Local	Microsurface	0.3
Stechishin Way	Stechishin Cres	Meilicke Rd	Local	Microsurface	0.7
2016 Totals					29.5

2017 TERMS OF REFERENCE LOCATIONS

Street Name	From	To	Road Class	Treatment	Lane-Km
60th St E	Miners Ave	Millar Ave	Collector	Reconstruction	3.0
Airport Dr NB	Circle Dr	Claypool Dr	Arterial	Resurface	1.9
Albany Cres	St Lawrence Cres	Assiniboine Dr	Local	Reconstruction	1.2
Ave C N NB	Circle Dr	45th St W / Cynthia St	Arterial	Resurface	0.4
Ave C N SB	45th St W / Cynthia St	Circle Dr	Arterial	Resurface	0.4
Ball Cres	Silverwood Rd	Silverwood Rd	Local	Microsurface	2.3
Ball Crt	Ball Cres	End	Local	Microsurface	0.3
Ball Pl	Ball Cres	End	Local	Microsurface	0.3
Ball Way	Ball Cres	Ball Cres	Local	Microsurface	0.7
Dore Cres	Redberry Rd	Redberry Rd	Local	Microsurface	2.0
Dore Way	Dore Cres	Dore Cres	Local	Microsurface	0.6
Frobisher Cres	Redberry Rd	Redberry Rd	Local	Microsurface	1.9
Frobisher Crt	Frobisher Cres	End	Local	Microsurface	0.3
Frobisher Pl	Frobisher Cres	End	Local	Microsurface	0.2
Frobisher Terr	Frobisher Cres	End	Local	Microsurface	0.4
Marquis Dr W EB	Highway 16	Thatcher Ave	Arterial	Resurface	3.0
Marquis Dr W WB	Thatcher Ave	Highway 16	Arterial	Resurface	2.5
Robin Cres	Airport Dr	Cynthia St	Local	Reconstruction	2.8
Robin Way	Robin Cres	Cynthia St	Local	Resurface	0.8
Sturgeon Dr	Assiniboine Dr	Assiniboine Dr	Local	Microsurface	2.3
Sturgeon Pl	Sturgeon Dr	End	Local	Microsurface	0.4
Sturgeon Terr	Sturgeon Dr	End	Local	Microsurface	0.5
2017 Totals					28.0

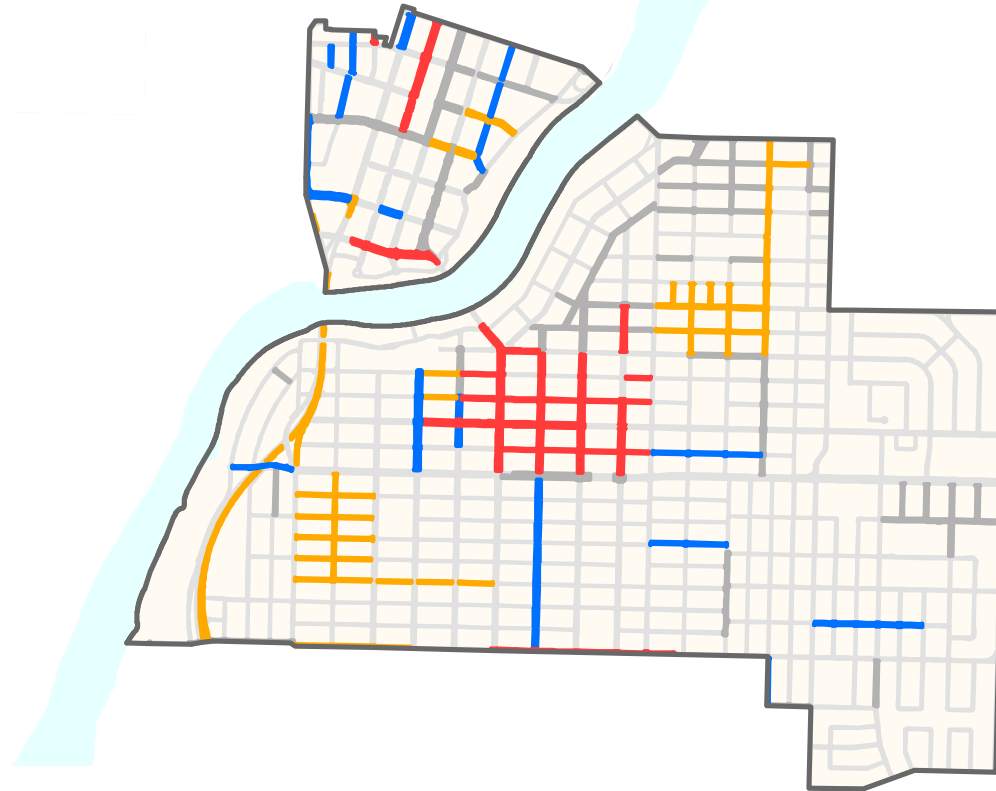
2018 TERMS OF REFERENCE LOCATIONS

Street Name	From	To	Road Class	Treatment	Lane-Km
60th St E	Millar Ave	End	Local	Resurface	1.8
Albany Cres	St Lawrence Cres	St Lawrence Cres	Local	Microsurface	0.9
Athabasca Cres	Assiniboine Dr	Assiniboine Dr	Local	Microsurface	0.9
Cardinal Cres	Airport Dr SB	Cardinal Cres	Local	Resurface	2.9
Cardinal Pl	End	Cardinal Cres	Local	Microsurface	0.8
Cochin Cres	Redberry Rd	Redberry Rd	Local	Microsurface	1.8
Cochin Pl	Cochin Way	End	Local	Microsurface	0.1
Cochin Terr	Cochin Cres	End	Local	Microsurface	0.2
Cochin Way	Cochin Cres	Cochin Cres	Local	Microsurface	0.6
Kootenay Dr	St Lawrence Cres	Assiniboine Dr	Local	Reconstruction	1.0
La Ronge Rd	Nahanni Dr	Saguenay Dr	Collector	Microsurface	1.3
La Ronge Rd	Pinehouse Dr	Nahanni Dr	Collector	Resurface	1.8
Miners Ave	56th St E	60th St E	Collector	Resurface	3.3
Neepawa St	Thatcher Ave	Wakooma St	Local	Microsurface	1.8
Pembina Ave	Spadina Cres E	Columbia Dr	Local	Blade Level	1.9
Pembina Ave	Columbia Dr	Red River Rd	Local	Reconstruction	0.3
Pembina Pl	End	Pembina Ave	Local	Microsurface	0.3
Red Deer Rd	Pembina Ave	Columbia Dr	Local	Microsurface	0.8
Redberry Rd	Lenore Dr	Reindeer Rd	Collector	Resurface	2.5
Souris Crt	Red Deer Rd	End	Local	Microsurface	0.2
St Lawrence Cres	Assiniboine Dr	Columbia Dr	Local	Microsurface	1.4
Tobin Cres	Redberry Rd	Redberry Rd	Local	Microsurface	2.8
Tobin Crt	End	Tobin Cres	Local	Microsurface	0.3
Tobin Pl	Tobin Cres	End	Local	Microsurface	0.2
Tobin Terr	End	Tobin Way	Local	Microsurface	0.4
Tobin Way	Tobin Cres	Tobin Cres	Local	Microsurface	0.7
Turtle Cres	Redberry Rd	Redberry Rd	Local	Microsurface	1.0
Turtle Crt	End	Turtle Cres	Local	Microsurface	0.2
Turtle Pl	Turtle Cres	End	Local	Microsurface	0.2
Wakooma St	Thatcher Ave	Neepawa St	Local	Microsurface	2.4
2018 Totals					34.8

	Lane-Km
2016	29.5
2017	28.0
2018	34.8
2016-2018 Totals	92.3

2016-2018 Projected Roadway Preservation

Ward 6



Treatment Year

- 2016
- 2017
- 2018
- 2014-2015 (Completed)

Terms of Reference - Ward 6

2016 TERMS OF REFERENCE LOCATIONS					
Street Name	From	To	Road Class	Treatment	Lane-Km
10th St E	Eastlake Ave	Dufferin Ave	Local	Reconstruction - W&S	1.1
10th St E	Dufferin Ave	Clarence Ave S	Local	Microsurface	1.1
11th St E	Eastlake Ave	Broadway Ave	Collector	Reconstruction - W&S	0.4
11th St E	Albert Ave NB / Albert Ave SB	Clarence Ave S	Local	Microsurface	0.3
12th St E	Broadway Ave	Dufferin Ave	Collector	Reconstruction - W&S	0.7
19th St E	Broadway Bridge / 4th Ave S	1st Ave S	Arterial	Resurface	2.3
2nd Ave N	23rd St E	25th St E	Collector	Resurface	2.2
2nd Ave N	22nd St E	23rd St E	Local	Resurface	0.9
9th St E	Broadway Ave	Clarence Ave S	Local	Microsurface	1.5
Albert Ave NB	8th St E WB	10th St E	Local	Microsurface	0.6
Albert Ave NB	12th St E	14th St E	Local	Microsurface	0.4
Albert Ave SB	10th St E	8th St E WB	Local	Microsurface	0.6
Albert Ave SB	14th St E	12th St E	Local	Microsurface	0.4
Broadway Ave NB	8th St E	Broadway Bridge	Arterial	Reconstruction - W&S	1.8
Broadway Ave SB	Broadway Bridge	8th St E	Arterial	Reconstruction - W&S	2.0
Dufferin Ave NB	8th St E	12th St E	Local	Microsurface	1.1
Dufferin Ave SB	12th St E	8th St E	Local	Microsurface	1.3
Lansdowne Ave NB	8th St E	9th St E	Local	Microsurface	0.2
Lansdowne Ave NB	9th St E	12th St E	Local	Reconstruction	0.9
Lansdowne Ave SB	9th St E	8th St E	Local	Microsurface	0.2
Lansdowne Ave SB	12th St E	10th St E	Local	Microsurface	0.4
Lansdowne Ave SB	10th St E	9th St E	Local	Reconstruction	0.4
Main St EB	Victoria Ave	Lansdowne Ave	Local	Reconstruction - W&S	1.4
Main St WB	Lansdowne Ave	Victoria Ave	Local	Reconstruction - W&S	1.4
Ontario Ave	24th St E	25th St E	Local	Resurface	0.4
Taylor St E	Broadway Ave	McKinnon Ave S	Arterial	Resurface	3.0
2016 Totals					26.9

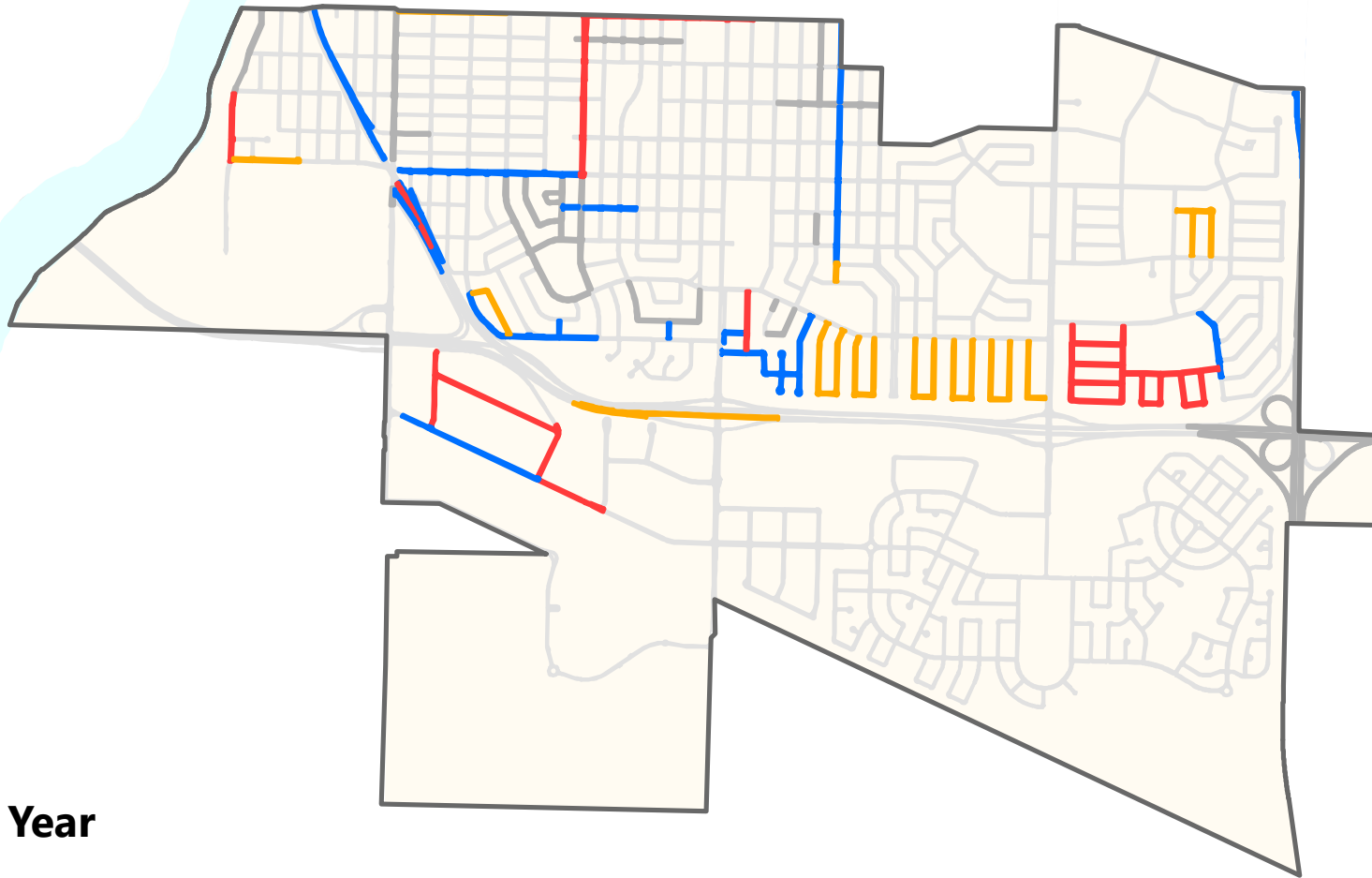
2017 TERMS OF REFERENCE LOCATIONS					
Street Name	From	To	Road Class	Treatment	Lane-Km
10th St E	Victoria Ave	Eastlake Ave	Local	Microsurface	0.4
11th St E	Victoria Ave	Eastlake Ave	Collector	Microsurface	0.4
13th St E	Clarence Ave S	McKinnon Ave S	Local	Blade Level	0.4
13th St E	McKinnon Ave S	Wiggins Ave S	Local	Microsurface	0.8
14th St E	Clarence Ave S	Wiggins Ave S	Local	Microsurface	1.7
22nd St E	3rd Ave N / 3rd Ave S	4th Ave N / 4th Ave S	Arterial	Resurface	0.5
22nd St E	4th Ave N / 4th Ave S	5th Ave N	Local	Resurface	0.5
23rd St E	4th Ave N	Spadina Cres E	Collector	Resurface	1.2
3rd St E	Lorne Ave	McPherson Ave	Local	Blade Level	0.5
3rd St E	McPherson Ave	Broadway Ave	Local	Microsurface	1.7
4th St E	Lorne Ave	Melrose Ave	Local	Microsurface	0.8
5th St E	Lorne Ave	Melrose Ave	Local	Microsurface	0.9
6th St E	Lorne Ave	Melrose Ave	Local	Microsurface	0.8
7th St E	Lorne Ave	Melrose Ave	Local	Microsurface	0.8
Arthur Ave	14th St E	15th St E	Local	Blade Level	0.2
Elliott St	Wiggins Ave N	Bottomley Ave N	Local	Reconstruction - W&S	0.4
Hugo Ave	14th St E	15th St E	Local	Blade Level	0.2
McKinnon Ave S	12th St E	15th St E	Local	Microsurface	0.7
McPherson Ave	3rd St E	6th St E	Local	Reconstruction	0.8
McPherson Ave	6th St E	8th St E	Local	Microsurface	0.5
Munroe Ave S	12th St E	15th St E	Local	Microsurface	0.7
Taylor St E	Lorne Ave	McPherson Ave	Arterial	Reconstruction	0.7
Taylor St E	McPherson Ave	Victoria Ave	Arterial	Resurface	1.3
Wiggins Ave N	Aird St	College Dr	Collector	Resurface	1.1
Wiggins Ave S	12th St E	Aird St	Collector	Resurface	1.9
2017 Totals					20.1

2018 TERMS OF REFERENCE LOCATIONS					
Street Name	From	To	Road Class	Treatment	Lane-Km
1st Ave N	24th St E	25th St E	Arterial	Resurface	0.9
1st St E	Cumberland Ave S	Sommerfeld Ave	Local	Reconstruction	1.6
20th St E	2nd Ave S	3rd Ave S	Collector	Resurface	0.5
20th St E EB	Idylwyld Dr S NB	1st Ave S	Arterial	Resurface	0.6
20th St E WB	1st Ave S	Idylwyld Dr S NB	Arterial	Resurface	0.6
22nd St E	5th Ave N	Spadina Cres E	Local	Resurface	0.2
5th Ave N	22nd St E	25th St E	Local	Resurface	1.6
5th St E	Clarence Ave S	Munroe Ave S	Local	Reconstruction	0.9
8th St W	Saskatchewan Cres W	Lorne Ave	Collector	Resurface	0.8
9th St E	Clarence Ave S	Wiggins Ave S	Local	Blade Level	1.3
Dufferin Ave	Taylor St E	8th St E	Local	Microsurface	4.3
Eastlake Ave NB	9th St E	10th St E	Local	Resurface	0.4
Eastlake Ave SB	10th St E	9th St E	Local	Resurface	0.4
Idylwyld Dr S NB	20th St W	22nd St W	Arterial	Resurface	1.1
Idylwyld Dr S SB	22nd St W	20th St W	Arterial	Resurface	1.2
Pacific Ave	22nd St E	25th St E	Local	Resurface	1.5
Victoria Ave NB	8th St E	11th St E	Collector	Resurface	0.9
Victoria Ave SB	11th St E	8th St E	Collector	Resurface	1.3
Wall St	23rd St E	24th St E	Local	Reconstruction	0.4
2018 Totals					20.4

	Lane-Km
2016	26.9
2017	20.1
2018	20.4
2016-2018 Totals	67.4

2016-2018 Projected Roadway Preservation

Ward 7



Treatment Year

-  2016
-  2017
-  2018
-  2014-2015 (Completed)

Terms of Reference - Ward 7

2016 TERMS OF REFERENCE LOCATIONS					
Street Name	From	To	Road Class	Treatment	Lane-Km
Broadway Ave	Ruth St E	Taylor St E	Arterial	Resurface	3.1
Eastview 2400 Blk	Eastview 2700 blk	Easthill 2300 blk	Local	Microsurface	1.6
Eastview 2500 Blk	Eastview 2400 Blk	Eastview 2400 Blk	Local	Microsurface	1.2
Eastview 2600 Blk	Eastview 2400 Blk	Eastview 2400 Blk	Local	Microsurface	1.1
Eastview 2700/3100 blks	Arlington Ave	Arlington Ave	Local	Microsurface	3.3
Eastview 2800 Blk	Eastview 2700 blk	Eastview 3100 blk	Local	Blade Level	0.7
Eastview 2900 Blk	Eastview 2700 blk	Eastview 3100 blk	Local	Blade Level	0.7
Eastview 3000 Blk	Eastview 2700 blk	Eastview 3100 blk	Local	Blade Level	0.7
Edson St	Jasper Ave S	Portage Ave	Local	Microsurface	1.8
Ferguson Ave	Calder Cres	Wilson Cres	Local	Reconstruction	1.0
Jasper Ave S	Melville St	Portage Ave	Local	Microsurface	1.0
Melville St	Portage Ave	Brand Rd	Collector	Microsurface	0.9
Portage Ave	Melville St	Edson St	Local	Microsurface	0.7
St Henry Ave	Ruth St W	Hilliard St W	Collector	Reconstruction	1.2
2016 Totals					18.9

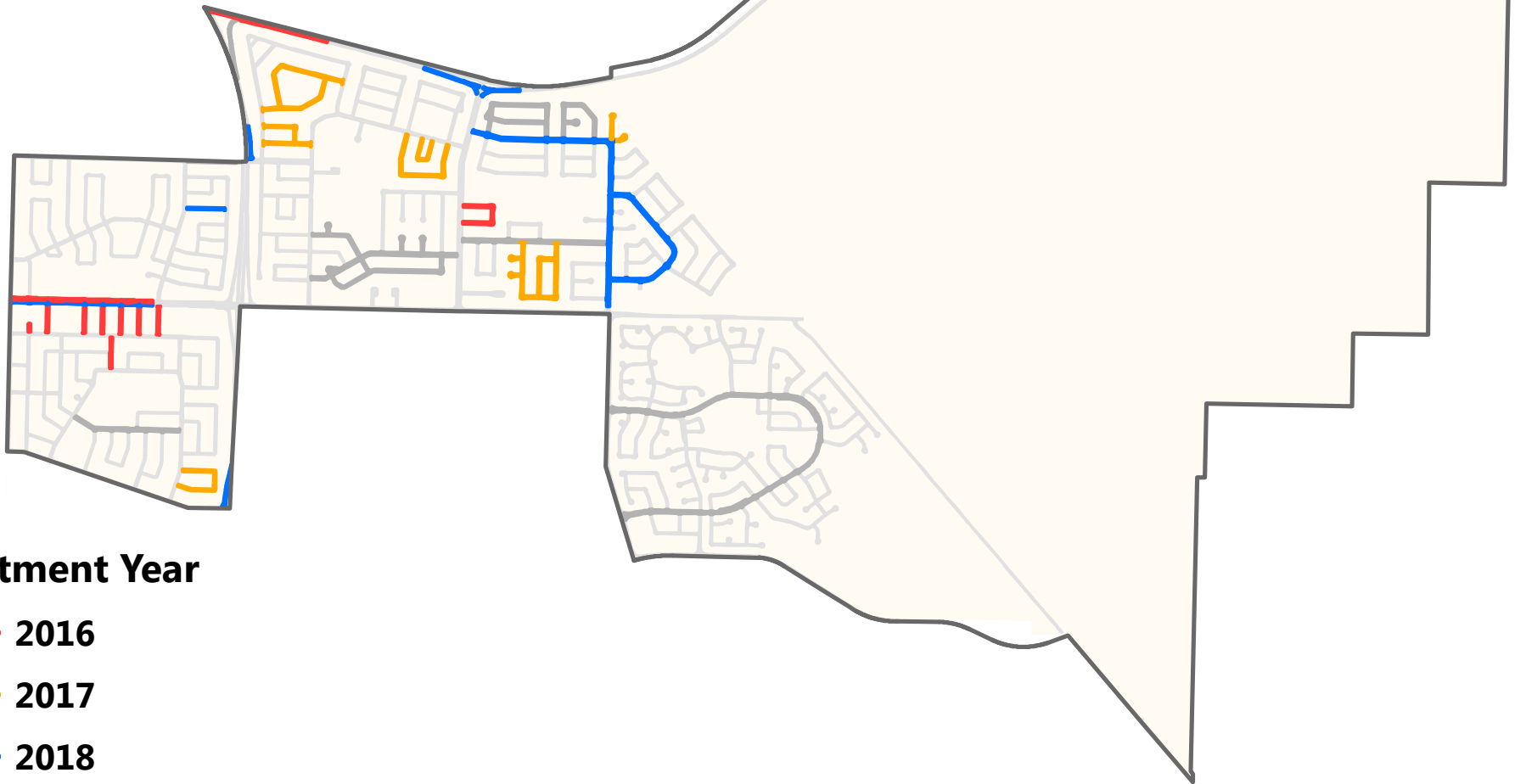
2017 TERMS OF REFERENCE LOCATIONS					
Street Name	From	To	Road Class	Treatment	Lane-Km
Brown Cres	Wilson Cres	Wilson Cres	Local	Microsurface	2.0
Deborah Cres	Wilson Cres	Wilson Cres	Local	Microsurface	2.0
Dumont Cres	Preston Ave S SB	Wilson Cres	Local	Microsurface	1.1
East Centre	East Drive	East Centre	Local	Microsurface	1.3
East Centre	East Drive	East Centre	Local	Microsurface	0.6
MacLean Cres	Wilson Cres	Wilson Cres	Local	Microsurface	2.2
Middleton Cres	Wilson Cres	Wilson Cres	Local	Microsurface	2.0
Riel Cres	Wilson Cres	Wilson Cres	Local	Microsurface	2.0
Ruth St W	St Henry Ave	Herman Ave	Collector	Reconstruction	1.2
Wiggins Ave S	MacKenzie Cres	McLorg St	Local	Reconstruction	0.3
Young Cres	Glasgow St	Melrose Ave	Local	Blade Level	1.0
2017 Totals					15.6

2018 TERMS OF REFERENCE LOCATIONS					
Street Name	From	To	Road Class	Treatment	Lane-Km
Bute St	Royal Ave	Hanover Ave	Local	Blade Level	1.1
Calder Ave	Calder Cres	Wilson Cres	Local	Microsurface	1.0
Calder Cres	Clarence Ave S	Calder Ave / Calder Crt	Local	Microsurface	1.5
Calder Crt	End	Calder Cres	Local	Microsurface	0.3
Calder Pl	End	Calder Cres	Local	Microsurface	0.3
Calder Terr	Calder Cres	End	Local	Microsurface	0.3
Clarence Ave S (Side Street)	Lane	Glasgow St	Local	Microsurface	0.1
Easthill 2300 blk	Arlington Ave	Easthill 2200 blk	Local	Resurface	1.2
Glasgow St	Clarence Ave S	Ferguson Ave	Local	Microsurface	0.3
Glasgow St	Young Cres	Broadway Ave	Collector	Resurface	1.4
Melrose Ave	Young Cres	Young Cres	Collector	Reconstruction	0.9
Melville St	Jasper Ave S	Portage Ave	Collector	Reconstruction	1.4
Melville St	Lorne Ave	Jasper Ave S	Collector	Structural Overlay	0.4
Ruth St E	Lorne Ave	Broadway Ave	Arterial	Resurface	3.2
Turner Ave	Glasgow St	McAskill Cres	Local	Reconstruction	0.2
Wiggins Ave S	McLorg St	Taylor St E	Local	Blade Level	3.7
Yorath Ave	Glasgow St	Harrison Cres	Local	Reconstruction	0.2
2018 Totals					17.8

	Lane-Km
2016	18.9
2017	15.6
2018	17.8
2016-2018 Totals	52.3

2016-2018 Projected Roadway Preservation

Ward 8



Treatment Year

- 2016
- 2017
- 2018
- 2014-2015 (Completed)

Terms of Reference - Ward 8

2016 TERMS OF REFERENCE LOCATIONS					
Street Name	From	To	Road Class	Treatment	Lane-Km
8th St E WB	Arlington Ave	Preston Ave S	Arterial	Resurface	2.6
Argyle Ave	7th St E	End	Local	Microsurface	0.1
Arlington Ave	7th St E	8th St E	Collector	Microsurface	0.5
Campbell Ave	7th St E	8th St E	Local	Microsurface	0.5
Conn Ave	Salisbury Dr	7th St E	Local	Microsurface	0.5
Duncan Cres	McKercher Dr NB	McKercher Dr NB	Local	Blade Level	1.3
Emerson Ave	7th St E	8th St E	Local	Microsurface	0.5
Goodwin Ave	7th St E	8th St E	Local	Microsurface	0.5
Harris Ave	7th St E	8th St E EB	Local	Microsurface	0.5
Walpole Ave	7th St E	8th St E EB	Local	Microsurface	0.5
2016 Totals					7.7

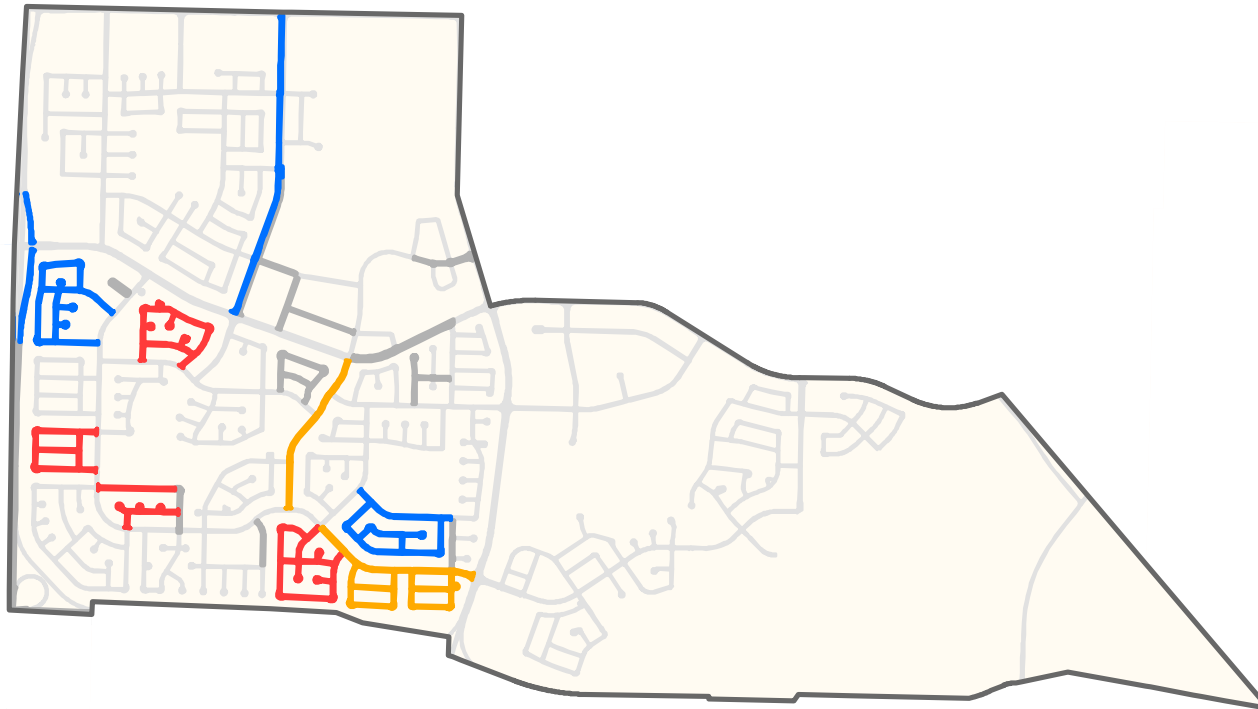
2017 TERMS OF REFERENCE LOCATIONS					
Street Name	From	To	Road Class	Treatment	Lane-Km
Acadia Crt	Acadia Dr	Acadia Dr	Local	Blade Level	0.7
Baldwin Cres	Arlington Ave	Arlington Ave	Local	Blade Level	1.2
Brandon Pl	Boychuk Dr	End	Local	Blade Level	0.3
Cambridge Cres	Carleton Dr	Harvard Cres	Local	Microsurface	1.3
Campion Cres	Acadia Dr	Acadia Dr	Local	Microsurface	1.9
Harvard Cres	Cambridge Cres	Carleton Dr	Local	Microsurface	1.7
McGill St	Carleton Dr	Acadia Dr	Local	Microsurface	0.8
Moncton Pl	Boychuk Dr	End	Local	Blade Level	0.4
Trent Cres	DeGeer St	DeGeer St	Local	Microsurface	2.4
Trent Cres	Trent Cres	Trent Cres	Local	Microsurface	0.9
Trent Crt	Trent Cres	End	Local	Microsurface	0.2
Trent Pl	Trent Cres	End	Local	Microsurface	0.3
Yale Cres	Carleton Dr	McGill St	Local	Microsurface	0.7
2017 Totals					12.8

2018 TERMS OF REFERENCE LOCATIONS					
Street Name	From	To	Road Class	Treatment	Lane-Km
8th St E EB	Preston Ave S	Arlington Ave	Arterial	Resurface	2.7
Boychuk Dr	8th St E	McKercher Dr	Collector	Resurface	6.8
Laurentian Dr	Boychuk Dr	Boychuk Dr	Collector	Microsurface	3.4
Mitchell St	Arlington Ave	Lindsay Dr	Local	Blade Level	0.5
2018 Totals					13.4

	Lane-Km
2016	7.7
2017	12.8
2018	13.4
2016-2018 Totals	33.9

2016-2018 Projected Roadway Preservation

Ward 9



Treatment Year

- 2016
- 2017
- 2018
- 2014-2015 (Completed)

Terms of Reference - Ward 9

2016 TERMS OF REFERENCE LOCATIONS					
Street Name	From	To	Road Class	Treatment	Lane-Km
Brightsand Cres	Brightsand Way	Kingsmere Blvd	Local	Microsurface	2.9
Brightsand Crt	Brightsand Lane	End	Local	Microsurface	0.3
Brightsand Lane	Brightsand Cres	Brightsand Cres	Local	Microsurface	0.7
Brightsand Pl	Brightsand Lane	End	Local	Microsurface	0.2
Brightsand Terr	Brightsand Cres	End	Local	Microsurface	0.3
Brightsand Way	Brightsand Lane	Kingsmere Blvd	Local	Microsurface	0.6
Coldspring Bay	Coldspring Way	End	Local	Microsurface	0.2
Coldspring Cres	Stillwater Dr	Stillwater Dr	Local	Microsurface	2.5
Coldspring Crt	Coldspring Cres	End	Local	Microsurface	0.2
Coldspring Pl	Coldspring Cres	End	Local	Microsurface	0.2
Coldspring Rise	Coldspring Cres	End	Local	Microsurface	0.1
Coldspring Way	Coldspring Cres	Coldspring Cres	Local	Microsurface	0.8
Crean Cres	Kingsmere Blvd	Kingsmere Blvd	Local	Microsurface	2.4
Crean Lane	Crean Cres	Crean Way	Local	Microsurface	0.6
Crean Way	Crean Cres	Crean Cres	Local	Microsurface	0.5
Whiteshore Bay	Whiteshore Way	End	Local	Microsurface	0.1
Whiteshore Cres	Kingsmere Blvd	Whiteshore Way	Local	Microsurface	1.0
Whiteshore Crt	Whiteshore Way	End	Local	Microsurface	0.2
Whiteshore Pl	Whiteshore Way	End	Local	Microsurface	0.1
Whiteshore Way	Kingsmere Blvd	Whiteshore Cres	Local	Microsurface	0.9
2016 Totals					14.7

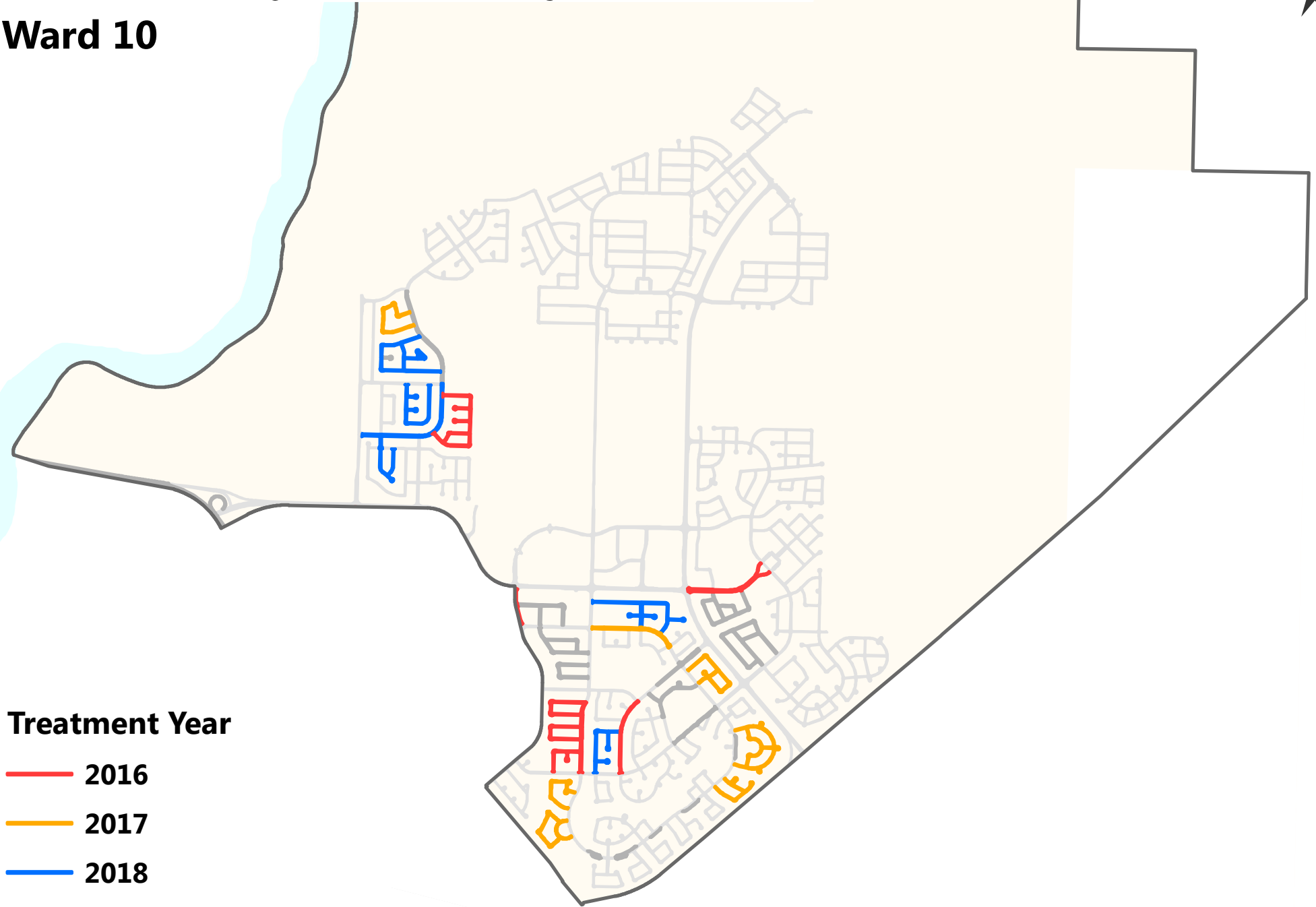
2017 TERMS OF REFERENCE LOCATIONS					
Street Name	From	To	Road Class	Treatment	Lane-Km
Brightwater Bay	Brightwater Cres	Brightwater Cres	Local	Reconstruction	0.2
Brightwater Cres	Brightwater Way	Kingsmere Blvd	Local	Reconstruction	0.2
Brightwater Cres	Kingsmere Blvd	Brightwater Way	Local	Microsurface	1.3
Brightwater Way	Brightwater Cres	Brightwater Cres	Local	Microsurface	0.5
Bronson Cres	Kingsmere Blvd	Kingsmere Blvd	Local	Microsurface	1.6
Bronson Way	Bronson Cres	Bronson Cres	Local	Microsurface	0.5
Kingsmere Blvd	Brightsand Way / Waterbury Rd	Boychuk Dr	Collector	Microsurface	2.9
Weyakwin Dr	Kingsmere Blvd	Taylor St E	Collector	Microsurface	2.6
2017 Totals					9.7

2018 TERMS OF REFERENCE LOCATIONS					
Street Name	From	To	Road Class	Treatment	Lane-Km
Costigan Bay	Costigan Rd	End	Local	Microsurface	0.2
Costigan Cres	Costigan Rd	Costigan Rd	Local	Microsurface	1.3
Costigan Crt	Costigan Way	End	Local	Microsurface	0.2
Costigan Pl	Costigan Way	End	Local	Microsurface	0.3
Costigan Rd	Kingsmere Blvd	Kingsmere Blvd	Local	Microsurface	2.7
Costigan Way	Costigan Rd	Costigan Rd	Local	Microsurface	0.8
Emmeline Rd	Waterbury Rd	Lavalee Rd	Local	Microsurface	1.4
McKercher Dr SB	8th St E	Taylor St E	Arterial	Resurface	4.3
Swan Cres	Emmeline Rd	Emmeline Rd	Local	Microsurface	2.5
Swan Crt	Swan Lane	End	Local	Microsurface	0.3
Swan Lane	Swan Cres	Swan Cres	Local	Microsurface	1.0
2018 Totals					14.9

	Lane-Km
2016	14.7
2017	9.7
2018	14.9
2016-2018 Totals	39.4

2016-2018 Projected Roadway Preservation

Ward 10



Treatment Year

- 2016
- 2017
- 2018
- 2014-2015 (Completed)

Terms of Reference - Ward 10

2016 TERMS OF REFERENCE LOCATIONS					
Street Name	From	To	Road Class	Treatment	Lane-Km
Berini Dr NB	115th St E	Attridge Dr	Arterial	Resurface	0.9
Berini Dr SB	Attridge Dr	115th St E	Arterial	Resurface	0.9
Brunst Cres	Kenderdine Rd	Kenderdine Rd	Local	Microsurface	1.4
Cowley Rd	Kerr Rd	Rogers Rd	Collector	Microsurface	1.6
Gillam Cres	Kerr Rd	Kenderdine Rd	Local	Microsurface	0.9
Gillam Pl	Gillam Cres	End	Local	Microsurface	0.2
Kenderdine Rd	Staigh Cres	Kerr Rd	Collector	Microsurface	1.9
Laycoe Cres	Konihowski Rd	Konihowski Rd	Local	Microsurface	2.2
Laycoe Crt	Laycoe Cres	End	Local	Microsurface	0.3
Laycoe Lane	Laycoe Cres	Laycoe Cres	Local	Microsurface	0.5
Laycoe Terr	Laycoe Cres	End	Local	Microsurface	0.3
Staigh Cres	Kenderdine Rd	Kenderdine Rd	Local	Microsurface	1.5
Willowgrove Blvd EB	McOrmond Dr	Stensrud Rd	Collector	Microsurface	1.2
Willowgrove Blvd WB	Stensrud Rd	McOrmond Dr	Collector	Microsurface	1.3
2016 Totals					15.4

2017 TERMS OF REFERENCE LOCATIONS					
Street Name	From	To	Road Class	Treatment	Lane-Km
Beckett Cres	Beckett Green	Beckett Green	Local	Microsurface	1.4
Beckett Green	Kenderdine Rd	Kenderdine Rd	Local	Microsurface	0.7
Beerling Cres	Konihowski Rd	Konihowski Rd	Local	Microsurface	1.9
Budz Bay	Budz Cres	Budz Cres	Local	Microsurface	0.2
Budz Cres	Kenderdine Rd	Kenderdine Rd	Local	Microsurface	2.0
Budz Crt	Budz Cres	Budz Cres	Local	Microsurface	0.2
Budz Green	Budz Cres	Budz Cres	Local	Microsurface	1.2
Budz Lane	Budz Green	Budz Cres	Local	Microsurface	0.2
Budz Terr	Budz Cres	Budz Cres	Local	Microsurface	0.2
Guenter Bay	Guenter Cres	End	Local	Microsurface	0.3
Guenter Cres	Kenderdine Rd	Kenderdine Rd	Local	Microsurface	1.3
Guenter Terr	Guenter Cres	Guenter Cres	Local	Microsurface	0.3
Kenderdine Rd	Mulcaster Cres / Vincent Cres	115th St E	Collector	Reconstruction	2.2
Kutz Cres	Kenderdine Rd	Kenderdine Rd	Local	Microsurface	1.3
Kutz Cres	Kutz Cres	Kutz Cres	Local	Microsurface	0.2
Kutz Crt	Kutz Cres	Kutz Cres	Local	Microsurface	0.1
Steiger Cres	Kenderdine Rd	Kenderdine Rd	Local	Microsurface	1.3
Steiger Pl	Steiger Cres	End	Local	Microsurface	0.2
Steiger Way	Steiger Cres	Steiger Cres	Local	Microsurface	0.9
2017 Totals					15.9

2018 TERMS OF REFERENCE LOCATIONS					
Street Name	From	To	Road Class	Treatment	Lane-Km
Bornstein Cres	Kerr Rd	Cowley Rd	Local	Microsurface	1.2
Bornstein Crt	Bornstein Cres	End	Local	Microsurface	0.3
Bornstein Terr	Bornstein Cres	End	Local	Reconstruction	0.4
Epp Ave	Kenderdine Rd	Perehudoff Cres	Local	Microsurface	0.6
Epp Crt	Epp Ave	End	Local	Microsurface	0.3
Epp Pl	Epp Ave	End	Local	Microsurface	0.3
Haslam Cres	Haslam Cres	Konihowski Rd	Local	Microsurface	0.3
Haslam Pl	Haslam Way	End	Local	Microsurface	0.2
Haslam Way	Haslam Cres	Haslam Cres	Local	Microsurface	1.1
Konihowski Rd	Central Ave	Garvie Rd	Collector	Microsurface	3.2
Perehudoff Cres	Kenderdine Rd	Kenderdine Rd	Local	Microsurface	2.0
Perehudoff Crt	Perehudoff Cres	End	Local	Microsurface	0.3
Pezer Cove	Pezer Lane	End	Local	Microsurface	0.8
Pezer Cres	Konihowski Rd	Konihowski Rd	Local	Microsurface	2.4
Pezer Lane	Pezer Cres	Pezer Cres	Local	Microsurface	0.5
Scissons Cres	Garvie Rd	Garvie Rd	Local	Microsurface	1.8
Scissons Crt	Scissons Cres	End	Local	Microsurface	0.2
Scissons Terr	Scissons Cres	End	Local	Microsurface	0.2
2018 Totals					16.2

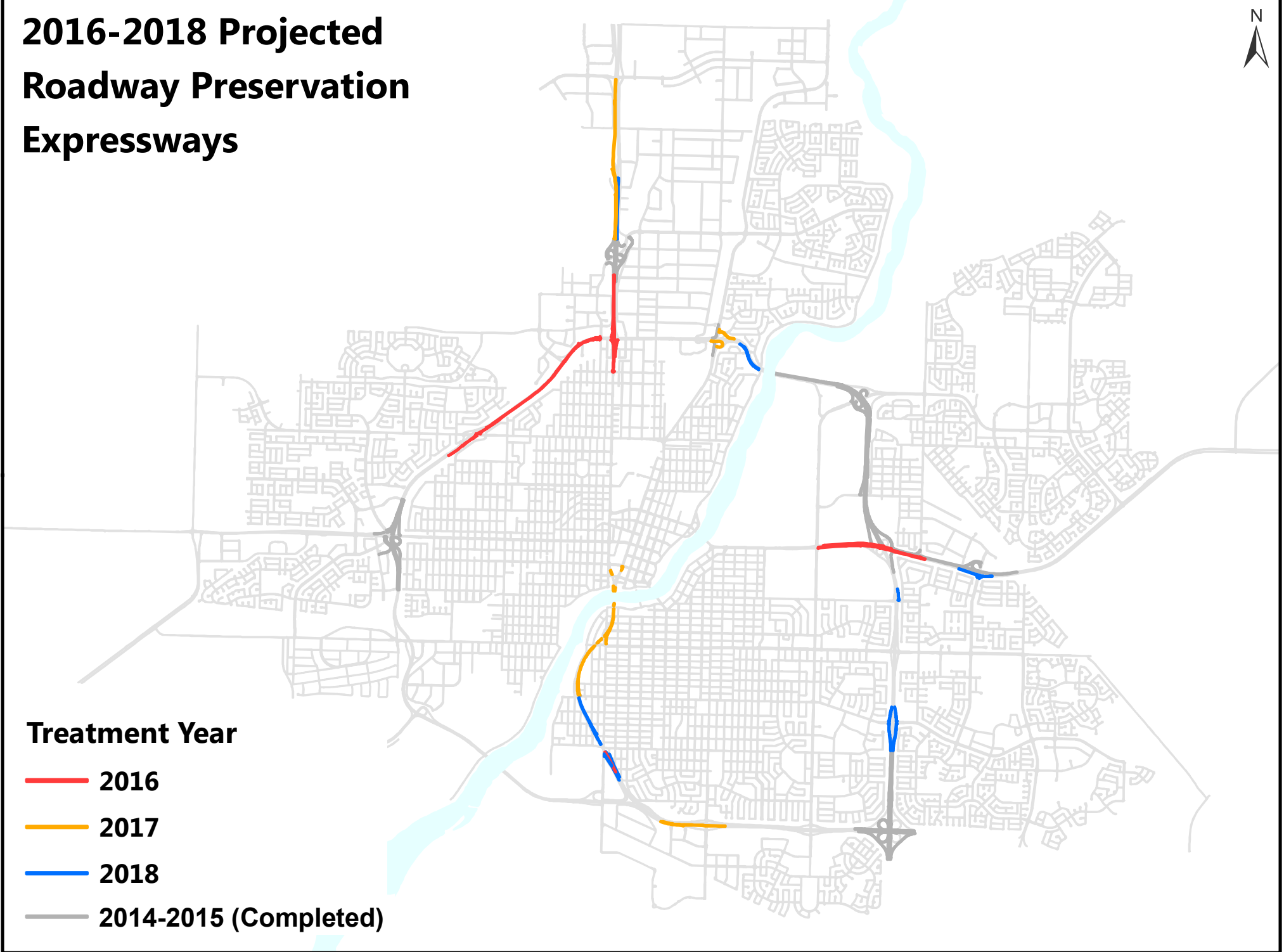
	Lane-Km
2016	15.4
2017	15.9
2018	16.2
2016-2018 Totals	47.5

2016-2018 Projected Roadway Preservation Expressways



Treatment Year

- 2016
- 2017
- 2018
- 2014-2015 (Completed)



Terms of Reference - Expressways

2016 TERMS OF REFERENCE LOCATIONS					
Street Name	From	To	Road Class	Treatment	Lane-Km
Circle Dr / 33rd St W NE Ramp	33rd St W	Circle Dr NB	Expressway	Resurface	0.7
Circle Dr / 33rd St W SE Ramp	Circle Dr NB	33rd St W	Expressway	Resurface	1.2
Circle Dr EB	Airport Dr	Ave C N	Expressway	Resurface	3.8
Circle Dr NB	Circle Dr / 33rd St W NE Ramp	Airport Dr	Expressway	Structural Overlay	5.1
College Dr EB	Preston Ave N	Central Ave	Expressway	Structural Overlay	6.3
College Dr WB	Circle Dr / College Dr NE Ramp	Preston Ave N	Expressway	Structural Overlay	4.3
Idylwyld Dr N / Circle Dr NW Ramp	Idylwyld Dr N SB	Circle Dr	Expressway	Resurface	0.7
Idylwyld Dr N / Circle Dr SE Ramp	Idylwyld Dr N NB	Circle Dr	Expressway	Resurface	0.6
Idylwyld Dr N / Circle Dr SW Ramp	Circle Dr	Idylwyld Dr N SB	Expressway	Resurface	0.3
Idylwyld Dr N SB	Idylwyld Dr N / 51st St E / Ave C N SW Ramp	39th St W	Expressway	Resurface	6.0
Idylwyld Dr S SB	Idylwyld Dr S / Ruth St W Overpass SB	Ruth St / Idylwyld Dr S SW Ramp	Expressway	Resurface	0.8
2016 Totals					29.8

2017 TERMS OF REFERENCE LOCATIONS					
Street Name	From	To	Road Class	Treatment	Lane-Km
1st Ave S NB	1st Ave S / 19th Street Overpass NB	20th St E	Expressway	Resurface	0.5
1st Ave S SB	19th St E WB	Sid Buckwold Bridge SB	Expressway	Resurface	0.2
Circle Dr / Warman Rd NE Ramp	NE Ramp From Circle Dr WB	Warman Rd	Expressway	Resurface	0.9
Circle Dr / Warman Rd SE Loop	Circle Dr EB	Warman Rd NB	Expressway	Resurface	0.6
Circle Dr EB	Idylwyld Dr S SB	Circle Dr / Clarence Ave S SE Ramp	Expressway	Resurface	2.8
Idylwyld Dr N SB	Marquis Dr W	Idylwyld Dr N / 51st St E / Ave C N NW Ramp	Expressway	Resurface	10.2
Idylwyld Dr S / Taylor St W NE Ramp	Taylor St W	Idylwyld Dr S NB	Expressway	Structural Overlay	0.4
Idylwyld Dr S NB	Taylor St E / Idylwyld Dr S NE Ramp	Idylwyld Dr S / 19th St E Overpass NB	Expressway	Resurface	4.3
Idylwyld Dr S NB	Idylwyld Dr S / Taylor St W Overpass NB	Taylor St E / Idylwyld Dr S NE Ramp	Expressway	Structural Overlay	0.4
Idylwyld Dr S NB	Idylwyld Dr S / 19th St E Overpass	100m South of 20th St	Expressway	Resurface	0.2
Lorne Ave	8th St E	Idylwyld Dr S NB	Expressway	Resurface	0.6
2017 Totals					21.0

2018 TERMS OF REFERENCE LOCATIONS					
Street Name	From	To	Road Class	Treatment	Lane-Km
Circle Dr / 14th St E NE Ramp	14th St E	Circle Dr NB	Expressway	Resurface	0.3
Circle Dr / Taylor St E NE Ramp	Taylor St E	Circle Dr NB	Expressway	Resurface	0.5
Circle Dr / Taylor St E NW Ramp	Circle Dr SB	Taylor St E	Expressway	Resurface	0.6
Circle Dr / Taylor St E SE Ramp	Circle Dr NB	Taylor St E	Expressway	Resurface	1.3
Circle Dr / Taylor St E SW Ramp	Taylor St E	Circle Dr SB	Expressway	Resurface	0.9
Circle Dr EB	Circle Dr / Warman Rd SE Ramp	Circle Dr N Bridge EB	Expressway	Resurface	2.0
College Dr / Mckercher Dr SE Ramp	Mckercher Dr	College Dr EB	Expressway	Resurface	0.6
College Dr / Mckercher Dr SW Ramp	College Dr EB	Mckercher Dr	Expressway	Resurface	0.9
Idylwyld Dr N NB	Idylwyld Dr N / 51st St E / Ave C N NE Ramp	Highway 16 WB Ramp	Expressway	Resurface	3.7
Idylwyld Dr S / Ruth St NE Ramp	Adelaide St W / Coy Ave	Idylwyld Dr S NB	Expressway	Resurface	0.2
Idylwyld Dr S NB	Circle Dr / Idylwyld Dr S NE Ramp	Idylwyld Dr S / Ruth St W Overpass NB	Expressway	Resurface	1.4
Idylwyld Dr S NB	Idylwyld Dr S / Ruth St W Overpass NB	Idylwyld Dr S / Taylor St W Overpass	Expressway	Structural Overlay	2.4
Ruth St / Idylwyld Dr S SE Ramp	Idylwyld Dr S NB	Vernon Ave	Expressway	Resurface	0.3
Ruth St / Idylwyld Dr S SW Ramp	Lorne Ave	Idylwyld Dr S SB	Expressway	Resurface	0.9
2018 Totals					16.1

	Lane-Km
2016	29.8
2017	21.0
2018	16.1
2016-2018	66.8