

2018- 2020 Capital Infrastructure Plan

Dated: August 22, 2017 (Council Approval)

#	Year Added	Division	Program	Project	From	To	Scope of Work	Length (km)	2018	2019	2020
STAGE 4: CONSTRUCTION									Construction \$\$	Construction \$\$	Construction \$\$
1	2016	6	Reconstruction Collectors	RR 212	Hwy 38	Hwy 644	Phase 1 - Reconstruction for gravel surface	6.4	\$ 1,742,000		
2	2016	6	Surfacing	RR 212	Hwy 38	Hwy 644	Phase 2 - Surfacing	6.4		\$ 4,669,000	
3	2016	5	Reconstruction Collectors	Twp 572 - Phase 1B	Lily Lake Road	RR 233	Phase 1B - Reconstruction for Surfacing	5.2	\$ 1,850,000		
4	2016	5	Surfacing	Twp 572	Lily Lake Road	Highway 28	Phase 2 - Surfacing	5.2		\$ 3,984,000	
5	2016	5	Surfacing	RR 233	Twp 573 - Erickson Dr	Hillsborough Heights (South)	Phase 2 - Surfacing	3.3	\$ 2,410,000		
6	2016	5	Surfacing	RR 233	Hillsborough Heights (South)	Twp 570	Phase 2 - Surfacing	1.6	\$ 1,160,000		
7	2016	5	Surfacing	Twp 570	RR 233	Hwy 28	Phase 2 - Surfacing	1.6	\$ 1,160,000		
8	2016	3	Rehabilitation	Twp 544	RR 280	RR 275	Structural repairs and surfacing	1.6	\$ 1,305,000		
9	2016	3	Bridge	BF 76321	RR 270 south of Twp 554		Bridge Culvert Replacement		\$ 350,000		
10	2016	3	Bridge	BF 76320	RR 263, South of Hwy 663		Wooden culvert replacement with steel bridge culvert		\$ 500,000		
11	2016	1	Drainage	Riverside Park Drainage	Subdivision		Culvert Cleaning, Replacement, Ditching Improvements		\$ 418,000		
12	2016	4	Drainage	Riviere Qui Barre - Drainage	Hamlet		Drainage improvements within the Hamlet		\$ 722,000		
13	2017	2, 4	Utility-Water	Truck Fill Top Load Increase	RQB and Cardiff		Engineering and Construction		\$ 80,000		
14	2017	1	Utility-WasteWater	SIP Sewage Dump Station Upgrade			Construction		\$ 250,000		
15	2017	3	Utility-WasteWater	Villeneuve Lagoon Repair			Engineering and Construction		\$ 1,530,000		
16	2016	1	Rehabilitation	Riverside Park	Subdivision Road Network		Repair drainage and surface	1.8	\$ 437,000		
17	2016	1	Rehabilitation	Fort Augustus Access - RR 223	Boysdale Road	Lamoureux Dr	Mill and overlay	1.7	\$ 1,260,000		
18	2016	1	Rehabilitation - Debenture	Pilon Creek Estates	Subdivision Road Network		Mill and overlay	0.6	\$ 396,000		
19	2016	1	Rehabilitation - Debenture	RR 232 - Pilon Creek Estates Access	Hwy 15	1 Km North	Reconstuction and pavement	1	\$ 679,000		
20	2016	1	Rehabilitation	RR 245 - Glenview Access	195th Ave	Glenview Place	Mill and overlay	0.75	\$ 411,000		
21	2016	1	Rehabilitation	Glenview Place and Glenview South	Subdivision Road Network		Mill and overlay	0.5	\$ 452,000		
22	2016	3	Rehabilitation	Terrault Estates	Subdivision Road network		Mill and overlay	1.8	\$ 986,000		
23	2016	1	Rehabilitation	RR 242 (Grandview)	Twp 554	Schultz Drive	Mill and overlay	1.6		\$ 1,119,000	
24	2016	1	Rehabilitation	Cameron Park	Subdivision Road Network		Mill and overlay	2.1		\$ 1,433,000	
25	2016	6	Reconstruction Collectors	Twp 564	Hwy 28A	RR 231	Reconstruction and Surfacing	1.6		\$ 1,634,000	\$ 1,120,000
26	2016	3	Rehabilitation	Hansen	Subdivision Road Network		Mill and overlay	1.0		\$ 630,000	
27	2016	3	Rehabilitation	Glory Hills	Subdivision Road Network		Mill and overlay	3.8		\$ 2,214,000	
28	2016	5	Bridge	BF 9433	Twp 582 west of RR 243		Bridge culvert replacement			\$ 500,000	
29	2016	4	Bridge	BF 9421	RR 10 south of Twp 572		Bridge Culvert Replacement			\$ 350,000	
TOTAL									\$ 18,098,000	\$ 16,533,000	\$ 1,120,000
STAGE 3: DETAILED DESIGN									Design \$\$	Construction \$\$	Construction \$\$
30	2016	1	Rehabilitation	Fort Augustus Subdivision	Subdivision Road Network		Reclaim Base, stablization and surfacing	1.1	\$ 21,000	\$ 639,000	
31	2016	2	Rehabilitation	Sturgeon Valley Estates	Subdivision Road Network		To be determined	1.7	\$ 30,000	\$ 990,000	
32	2016	3	Rehabilitation	Pinesands	Subdivision Road Network		Mill and overlay	2.5	\$ 25,000	\$ 1,475,000	
33	2016	1	Rehabilitation	Crestview Heights	Subdivision Road Network		Repair drainage and surface	1.0	\$ 13,000	\$ 587,000	
34	2016	5	Rehabilitation	Freemore Estates	Subdivision Road Network		To be determined	1.0		\$ 600,000	
35	2016	3	Reconstruction & Surfacing -Debenture	Meadowview Drive (See Note)	RR261A	Going West to Hwy 44	Design and Land Aquisition and Construction	7.5	\$ 1,000,000	\$ 4,400,000	\$ 11,000,000
36	2017	4	Reconstruction & Surfacing	Twp 562	RR253	Hwy 2	Reconstruction and Surfacing	0.3		\$ 510,000	
37	2017	3	Drainage	ProNorth	ProNorth Industrial Area		Ditching, Culverts, Storm Water Management			\$ 1,100,000	
38	2017	2	Utility-Water	Summerbrook Reservoir Upgrade			Construction			\$ 1,000,000	
39	2017	N/A	LRRP	LRRP Projects (See Note)	TBD		LRRP Design and Construction		\$ 400,000	\$ 2,000,000	\$ 4,000,000
40	2016	1	Surfacing - Levy Funded	RR 225	Hwy 825	Estate Way	Surfacing	3.3	\$ 150,000	\$ 4,000,000	
TOTAL									\$ 1,639,000	\$ 17,301,000	\$ 15,000,000
									Design \$\$	Design \$\$	Construction \$\$
41	2016	4	Bridge	BF 327	RR 263, South of Twp 554		Bridge replacement required.			\$ 135,500	\$ 675,000
42	2016	6	Bridge	BF 558	RR 230, South of Twp 560		Bridge culvert replacement			\$ 40,000	\$ 300,000
43	2016	1	Rehabilitation	Hwy 15 Intersection- South Connector	Hwy 15	Lamoureux Dr	Existing gravel surface	0.4		\$ 8,000	\$ 245,000
44	2016	1	Rehabilitation	Hwy 15 Intersection - North Connector	Hwy 15	Lamoureux Dr	Mill and overlay	0.4		\$ 8,000	\$ 245,000
45	2016	1	Rehabilitation	Lamoureux Dr Access	Hwy 15	RR 224A	Reclaim base, stablization and pave	2.1		\$ 37,500	\$ 1,222,000
46	2016	1	Rehabilitation	Upper Viscount Estates	Subdivision Road Network		Mill and overlay	1.7		\$ 30,500	\$ 989,500
47	2016	1	Rehabilitation	Namao Ridge	Subdivision Road Network		Mill and overlay	4.2		\$ 75,500	\$ 2,444,500
48	2016	4	Rehabilitation	Twp 570 Alcomdale Entrance	Subdivision Entrance		Repair damage and surface	0.7		\$ 12,500	\$ 407,500
49	2016	6	Rehabilitation	Gibbonslea	Subdivision Road Network		To be determined	1.6		\$ 28,500	\$ 931,500
50	2016	6	Reconstruction & Surfacing	RR 220 (See Note below)	Twp 570	Redwater	Reconstruction and Surfacing	4.8		\$ 711,900	\$ 1,921,100
51	2017	6	Reconstruction & Surfacing - Heartland	Twp 564 (Heartland) (See Note)	RR 224	RR 231	Reconstruction and Surfacing	1.2		\$ 200,000	1,634,000

2018- 2020 Capital Infrastructure Plan

Dated: August 22, 2017 (Council Approval)

#	Year Added	Division	Program	Project	From	To	Scope of Work	Length (km)	2018	2019	2020
52	2017	3	Reconstruction & Surfacing	Intersection RR272 / Hwy 633			Shared Project with AT (Design and Const.)			\$ 15,000	\$ 255,000
53	2016	6	Rehabilitation	RR 230	Vista Road	Vista Way (North)	Surfacing	1.6		\$ 28,500	\$ 931,500
54	2016	2	Rehabilitation	Cardiff Park Road	RR 251	Twp 554	To be determined	1.9		\$ 34,000	\$ 1,106,000
55	2016	4	Bridge	BF 76322	Twp 565, East of RR262		Culvert - replacement with a 2.4 m CSP culvert			\$ 75,000	\$ 250,000
56	2016	2	Bridge	BF 74697	RR255, South of Twp 544		Bridge replace with CSP culvert			\$ 75,000	\$ 250,000
TOTAL									\$ -	\$ 1,515,400	\$ 13,807,600
STAGE 2: FEASIBILITY									Feasibility \$\$	Design \$\$	Construction \$\$
57	2016	2	Rehabilitation	Carbondale Access and Hamlet	Subdivision Road Network and access from Hwy 28		To be determined	4.0			\$ 744,000
58	2016	1	Rehabilitation	Lower Viscount	Subdivision Road Network		To be determined	0.8		\$ 25,000	\$ 456,000
59	2016	1	Rehabilitation	Fairway Blvd.	Subdivision Road Network		To be determined	0.6			\$ 338,500
60	2017	3	Reconstruction & Surfacing	RR 274 (Campsite Road)	Hwy 37	Twp 544 A (Lafarge)	Reconstruction and Surfacing	2.4		\$ 285,600	3,794,400
61	2017	3	Reconstruction & Surfacing	RR 274 (Campsite Road)	Twp 544A (Lafarge)	Twp 542	Reconstruction and Surfacing	4.0		500,000	2,000,000
62	2016	1	Drainage	Lamoureux Drive Drainage	Hwy 15 Bridge	Boysdale Road	Culvert replacements and ditching				\$ 900,000
63	2017	1	Utility-Water	Reservoir- Nameo Ridge, Grandview and Sturgeon Heights			Feasibility, Design and Construction		\$ 50,000	\$ 250,000	\$ 2,250,000
64	2017	1	Utility-Water	Connection to Regional Water for Namao, Grandview, Sturgeon Heights						\$ 250,000	\$ 2,750,000
TOTAL									\$ 50,000	\$ 1,310,600	\$ 13,232,900
									Feasibility \$\$	Feasibility \$\$	Design \$\$
65	2016	3	Drainage	Villeneuve Drainage	Villeneuveve	Sturgeon River	Large drainage ditch work				\$ 200,000
66	2017	1	Utility-Water	Landing Trail Waterline Connection			Feasibility Study and Engineering			\$ 50,000	\$ 170,000
67	2017	6, 2, 1	Utility-Water	Pumphouse Casa Vista, Riverside Park, Cardiff			Feasibility Study				\$ 50,000
68	2016	3	Drainage	East and West Fairhaven	Entire Subdivision		Drainage improvements			\$ 40,000	\$ 40,000
69	2016	3	Rehabilitation	Rol Anna Park	Subdivision Road Network		To be determined	0.8			\$ 24,000
70	2016	2	Rehabilitation	Manor II Estates	Subdivision Road Network		To be determined	2.0			\$ 60,000
71	2016	2	Rehabilitation	Bristol Oaks	Subdivision Road Network		To be determined	1.8			\$ 32,500
72	2016	3	Rehabilitation	Turfside Park	Subdivision Road Network		To be determined	0.8			\$ 14,500
73	2016	6	Rehabilitation	RR 231 Gibbonslea Access Rd	Twp 564	Twp 570	To be determined	0.8			\$ 14,500
74	2016	5	Rehabilitation	Nywenning North & South	Subdivision Road Network		To be determined	1.2			\$ 21,500
75	2016	3	Rehabilitation	Twp. 540 / RR 261A	Twp 540	Meadowview Dr	To be determined	3.5			\$ 93,000
76	2016	1	Rehabilitation	Boysdale Rd	Hwy 825	Riverside Park	To be determined	3.6			\$ 65,000
77	2016	3	Rehabilitation	Twp. 554	Hwy 44	1.2 km West	To be determined	1.2			\$ 21,500
78	2016	2	Rehabilitation	Coal Mine Rd.	RR 252	RR 253	To be determined	2.4			\$ 42,500
79	2017	N/A	Reconstruction & Surfacing	Engineering for 2021 Projects							\$ 231,500
80	2017	5	New Subdivision Roads	Hillbrough Subdivision			Gravel to paved roads				\$ 100,000
TOTAL									\$ -	\$ 90,000	\$ 1,180,500
Notes:							OVERALL TOTAL		\$ 19,787,000	\$ 36,750,000	\$ 44,341,000
Item 35: Project includes realignment of a segment of RR261A, reconstrction and surfacing of Meadowview Drive from RR261A going west to Hwy 44 (7 km). Project completion by 2021.							BUDGET TARGET		\$ 19,787,000	\$ 36,750,000	\$ 44,341,000
Item 39: Local Road Reconstruction Program (LRRP) - Design in 2018, Design and construction in 2019 and 2020. Projects to be determined.							(Over programed) / Under programed		\$ -	\$ -	\$ -
Item 50: Project will be designed in 2019 and constructed in 2020 and 2021.											
Item 51: Total anticipated project is for 4.86 km. With the current Heartland Mitigation Plan funding only 1.2 km will be complete by 2020 .											
Item 61: Anticipated completion in 2021											
Item 65: With the current funding levels for drainage projects anticipated completion is in 2022.											