



COUNCIL ORIENTATION / TRAINING AGENDA

CONVENE: 1:00 P.M.

Chair Mayor Foxton

1. **CALL TO ORDER**
2. **APPROVAL OF THE AGENDA**
3. **DISCLOSURE OF PECUNIARY INTEREST & GENERAL NATURE THEREOF**
4. **REPORTS & ITEMS FOR DISCUSSION**

4.1 Long Term Capital Budget.

5. **CLOSED SESSION**

None.

6. **RECONVENE INTO OPEN SESSION**

7. **BUSINESS ARISING FROM CLOSED SESSION**

8. **CONFIRMATORY BY-LAW**

By-law No. 3086-19 - Being a By-law to Confirm the Proceedings of Committee of the Whole on August 14, 2019.

9. **ADJOURNMENT**



MEMORANDUM

To: Mayor Foxtton and Members of Council

Copy to: Ashley Sage, Township Clerk

From: Shelley Stedall, Treasurer / Director of Corporate Services
Andrew McNeely, Chief Administrative Officer

Re: *'Draft'* Ten Year Capital Forecast [2019 – 2028]

Date: August 14th, 2019

A. Overview

The Finance Committee as part of the January 29th, 2019 meeting reviewed the Ten-year Capital Forecast for 2019 – 2028. It was indicated to Council that a further review of the forecast prior the 2020 budget discussions would occur on August 14th. The immediate goals for this review session are for:

1. Provide an earlier outline of the 10 year forecast to assist Staff in the development of the 2020 projects listing and their alignment with Council expectations.
2. Council to have a roundtable discussion on the long-term capital projects forecast beyond 2020, as several major items will affect the 2020 budget and staff workplans. It is important for the Township to prepare for those items prior to preparing for the 2020 budget.
3. Staff are seeking feedback from Council on proposed funding models used by staff in developing the Ten-Year plan. This feedback will help staff to prepare a financing policy related to funding from areas such as reserves and debt
4. Provide updated information arising from the recently completed Facility Life Cycle Analysis (July 2019) and the information that the Township was not successful in securing a Grant for the comprehensive rehabilitation of the Footbridge Road bridge structure.

The longer term objectives behind the preparation of a Ten-Year Capital Forecast have a multitude of reasons, namely:

- Identifying and prioritizing projects;

- Assists in setting future annual Budgets; This will facilitate pre-planning of financing that is required to fund the Capital Forecast by either setting aside Reserves, planning for Debt financing, and/or shifting or deferring projects to avoid rate spikes or funding shortfalls.
- If necessary, sequencing integrated projects to ensure efficiencies;
- Establishing an understanding of cost exposures and the need / basis to fund Reserves and to set alternate funding sources such as fees & charges, to prepare for the future expenditure;
- Where applicable, identify opportunities for Grants from Senior Government levels;
- Assist in the development of a financing policy which will guide the Municipality on items such as reserves, debt and multi year budgeting for both capital and operational costs.
- Utilize as an aid to inform the Public, investors and Staff on future undertakings and the timing of projects;
- Project management and the resources necessary to deliver projects; and,
- Ensuring that buildings, rolling stock and infrastructure are replaced and rehabilitated in a timely fashion to maintain them in a “*state of good repair*” consistent with the Township’s Asset Management Policy.
- Updating the Asset Management Plan. OReg 588/17 identifies that the Township must have an updated plan in place for core assets by July 1, 2021. This will not only require an inventory of the core assets, but also identify current levels of services and costs to maintain those service levels.
- Assist in the development of business plans. These plans are developed annually and assess the next three-year period forward at a department level. Understanding the nature of future Capital projects, delivery timetables, etc assists in identifying implications on future operating budgets, staff forecasts, training requirements, and, alignment with evolving Provincial legislation and regulations.

B. Updates from Previous Ten-Year Capital Forecasts

The Ten-year Capital Forecast worksheets previously circulated to Council members have evolved over the past 18 months. Council and staff have met on 3 separate occasions to review and adjust the Ten-year capital forecast. Some of the items that have been updated over this period are:

- The State of the Infrastructure Report – Roads – was completed by 4 Roads Management Services Inc in January 2017. This was utilized to develop the road infrastructure workplan for 2018 and 2019 budgets. The workplan for the Road infrastructure has been updated in August 2019 to reflect road upgrades in 2018 and

2019, and updated market costs, received from the tenders that were completed. The revised road repair and rehabilitation workplan has been used in the revised worksheets that are being reviewed on August 14, 2019 with Council.

- The Structure Inspection Report completed on October 2018 by K. Smart Associates Limited includes updates to the Bridge and Major Culvert inventory in the Township. The report indicates improvements that are needed on all Township owned bridges four (4) and major culverts three (3). The amounts shown in the Ten-year Capital Forecast worksheets show the needed engineering assessments and immediate and long-term capital repairs and replacements.
- The bridge component of the ten-year plan previously had included one major repair for the Footbridge Road bridge, with the anticipation that the Township could possibly obtain funding under the Federal infrastructure program, with a 2019 intake for applications. The Township was not successful, and the Footbridge repairs have been scaled back and “Intervention” repairs are identified. Major repairs or replacements have been identified for the Footbridge Road Bridge, Jedburgh Dam Bridge and Piper Street Bridge, and are listed as potentially being funded from future Infrastructure Grant Programs that may be available from the Provincial or Federal Governments.
- The Facilities Lifecycle study that was completed by Walterfedy has been incorporated into the facilities section of the capital plan. The facilities lifecycle review by Walterfedy was accompanied by accessibility and energy audits. The facility capital upgrades, and accessibility items are included in the worksheets however the identified energy items will be further reviewed by staff. The energy items were not included in the current capital worksheets as the identified items included pay back periods in terms of reduced costs for energy and maintenance. Energy items also may be fundable with new grants that are being announced through the Federal Government.
- Overall the resulting changes and updates have escalated the projected costs from \$68 million to \$74 million. An increase in costs was anticipated with the thorough review completed in the Lifecycle study by the facility experts.

In addition to the items listed above, further information included in the Ten-Year Capital Forecast has been compiled from several areas, including:

1. Strategic Planning Sessions with Council, including the January 2019 Workshop on the Ten-Year Forecast and the January 2019 Budget Review;
2. Staff observations, experience with regards to Capital Assets, including rolling stock and facilities maintenance;

C. Content

The Ten-year Capital Forecast worksheets are laid out in the following format:

- **Summary Totals** – Summary Rollups of the details from Sections A - E

The first document is a Summary Sheet which represents a “consolidation” of the categories by Asset for each Department by year, along with the aggregate sources of funding required to balance the financial commitments associated with the various projects for the Ten-Year Period. The Ten-Year Forecast as being presented has a total expenditure for the period of approximately \$74 million. This number has grown by \$6 million with updated information to the Municipality, over the past year.

The Capital Forecast includes both “non-growth” (typically projects that represent rehabilitation or lifecycle replacement of existing assets) and “growth” (projects eligible for Development Charges funding).

- **Section A - Rolling Stock (Fleet)** - Replacement / purchase of rolling stock & equipment;
- **Section B - Studies, Equipment, Software** – Planning or corporate studies, software or small hand tools / equipment
- **Section C – Infrastructure (Public Works)** – Roads, Bridges, Sidewalks and other items identified in the Township’s linear infrastructure. This includes current infrastructure and new construction.
- **Section D – Facilities** – Existing major buildings and their components*; existing Park Facilities; New Buildings or additions to existing structures
- **Section E – Parks, Trails** – Existing or identified new Parks and Trails

Sections A – E are the detail behind the Summary sheet and are broken down by asset type. Assets are prioritized and funded differently which is why they are broken down in this manner. Within the detailed sheets the assets are grouped together by departments, which is consistent with the annual Township budget.

The detailed spreadsheets identify an extensive list of forecast projects including the estimated expense and the timeline for the delivery of each project. Where possible a “base cost” in 2018 dollars has been identified for each project, and, has been indexed the equivalent of 2% per annum to reflect an estimated inflationary factor.

*Minor building components are identified as they were listed in the consultants Lifecycle report. Staff will review these in more detail and determine if some items are operational, not capital, or if some of the items can be grouped in order to save on the overall costs.

- **Section F – Reserve Continuity** – Selective Reserves and Grants which are ongoing in nature and which are specifically identified to fund the capital plan are shown with a continuity schedule, to assist understanding potential gaps in funding.
- **Section G – Reserves Totals** – a summary of Reserve balances from 2014 – 2018 are listed to give context as to what reserve balances have been and what the starting point is from 2019. The surplus at the end of 2018 was allocated to reserves by Council and these are included in the 2019 opening balance.

D. Next Steps – Budget 2020

As part of the 2020 Budget exercise, the Ten-Year Capital Forecast (2019 to 2028) is not proposed to be approved and implemented. Staff will be seeking the adoption of framework of the Ten-Year Forecast for purposes of continued study, analysis and guiding principles, for both the expenditures and revenues.

As part of the 2020 Budget exercise the 10-year capital forecast will be updated to add 2029 projections and Council suggestions at the August 14, 2019 meeting. Directors will refine the details of the items listed for 2020 and will incorporate these items into the 2020 Draft Budget. The draft budget will be presented to Council on December 9th, 2019. The Ten-Year Capital Forecast will be reviewed along with the 2020 budget at special budget meetings scheduled on January 13, 14 and 27th to ensure that representative projects have been properly captured and that the projects are prioritized in a fashion consistent with expectations. This will be an annual update and review.

E. August 14th, 2019 Council Orientation / Training Meeting – Tasks

Staff would request that Council review the Ten-Year Capital Forecast and be prepared as part of the August 14th Council Orientation / Training Meeting to identify/confirm projects for inclusion in the 2020-2028 Capital Forecast going forward.

The current Ten-Year Capital Forecast with the estimated \$74M in aggregate expenditures is not fully funded. It is important for Council to identify the key projects, principally focused within Public Works and Recreation Division (Facilities, Infrastructure and Parks/Trails), that represent the priorities of Council.

Arising from this review and discussion during Budget deliberations, Council may:

- drop projects;
- modify or scope projects;
- delay or extend the timeline for the completion of projects; or
- identify projects that would only be completed if funding partnerships could be attained with senior levels of Government.

Township of North Dumfries
2019 to 2028 Master Summary of DRAFT - 10 Year Capital Forecast

	2019	2020	2021	2022	2023	2024	2025	2026	2027	2028	TOTAL
A - Fleet - Rolling Stock - Capital Costs											
Administration Vehicle Fleet	17,000	17,000	17,000	48,350	17,500	17,500	17,500	93,020	18,500	18,500	281,870
Fire Rolling Stock	105,000	151,400	160,410	307,780	120,000	120,000	125,000	1,006,600	125,000	167,000	2,388,190
Public Works - Rolling Stock	522,554	275,000	591,924	797,802	325,000	1,088,123	511,832	672,708	346,020	300,000	5,430,964
Recreation - Rolling Stock	112,020	225,806	177,534	96,040	228,643	134,360	140,812	77,500	116,020	70,000	1,378,735
Fleet - Rolling Stock - Capital Costs - Total	756,574	669,206	946,869	1,249,972	691,143	1,359,983	795,144	1,849,828	605,540	555,500	9,479,759
Fleet - Rolling Stock - Funding											
Reserves	349,574	140,806	429,869	712,972	148,643	822,483	252,644	1,116,868	46,020	42,000	4,061,879
Development Charges	-	36,400	-	-	-	-	-	220,460	46,020	-	302,880
Government Grant	-	-	-	-	-	-	-	-	-	-	-
Community Donation / Sponsorship	-	-	-	-	-	-	-	-	-	-	-
Bill 124 Reserve (Building Division)	11,000	11,000	11,000	11,000	11,000	11,000	11,000	11,000	12,000	12,000	112,000
Park Trust Transfers	-	-	-	-	-	-	-	-	-	-	-
Taxation	396,000	481,000	506,000	526,000	531,500	526,500	531,500	501,500	501,500	501,500	5,003,000
Fleet - Rolling Stock - Capital Costs - Funding Total	756,574	669,206	946,869	1,249,972	691,143	1,359,983	795,144	1,849,828	605,540	555,500	9,479,759
B - Studies, Equipment, Software - Capital Costs											
Corporate, Building, Bylaw, Planning Studies, Equipment & Software	225,301	381,900	154,220	108,000	237,700	132,800	74,280	160,100	105,800	186,400	1,766,501
Fire Tools, Software & Equipment	158,377	116,768	90,460	358,899	124,000	40,000	35,000	30,000	47,210	47,502	1,048,217
Public Works, Tools, Software Equipment	-	46,442	27,571	-	-	-	-	-	-	-	74,013
Recreation - Tools, Equipment & Software	-	12,480	-	9,350	5,720	-	23,370	-	-	-	50,920
Studies, Equipment, Software- Capital Costs - Total	383,678	557,591	272,251	476,249	367,420	172,800	132,650	190,100	153,010	233,902	2,939,651
Studies, Equipment, Software - Funding											
Reserves	235,373	143,068	15,460	278,899	52,832	-	-	-	17,210	17,502	760,345
Development Charges	28,666	61,350	-	33,600	56,000	-	-	9,900	-	59,000	248,516
Government Grant	37,500	-	16,960	-	-	-	-	-	-	-	54,460
Community Donation / Sponsorship	7,500	16,000	-	-	-	-	-	-	-	-	23,500
Bill 124 Reserve (Building Division)	20,935	130,000	-	-	50,000	-	-	55,000	-	-	255,935
Park Trust Transfers	-	-	-	-	-	-	-	-	-	-	-
Taxation	53,704	207,172	239,831	163,750	208,588	172,800	132,650	125,200	135,800	157,400	1,596,895
Studies, Equipment, Software - Funding - Total	383,678	557,591	272,251	476,249	367,420	172,800	132,650	190,100	153,010	233,902	2,939,651
C - Infrastructure - Capital Costs											
Public Works - Infrastructure	1,415,900	1,375,361	2,172,190	1,813,335	3,432,607	2,349,491	5,054,201	1,804,197	5,548,439	4,521,118	29,486,839
Infrastructure- Capital Costs - Total	1,415,900	1,375,361	2,172,190	1,813,335	3,432,607	2,349,491	5,054,201	1,804,197	5,548,439	4,521,118	29,486,839
Infrastructure - Funding											
Aggregates Reserve (Transfer from)	450,000	850,000	1,000,000	800,000	1,250,000	725,000	725,000	750,000	800,000	750,000	8,100,000
Energy Plus Reserve (Transfer from)	230,000	-	-	-	-	-	-	-	-	-	230,000
Reserve - Infrastructure (Transfer from)	-	-	-	266,200	200,000	700,000	357,400	200,000	389,400	275,000	2,388,000
Reserves - Other than Aggregates (Transfer from)	109,500	-	-	-	-	-	-	-	-	-	109,500
Special Area Levy - Sidewalks	70,000	55,000	55,000	55,000	55,000	55,000	55,000	55,000	55,000	55,000	565,000
Development Charges	-	-	-	-	363,000	369,600	2,223,663	-	3,404,475	288,000	6,648,738
Government Grants (GAS TAX & OCIF)	400,000	350,000	850,000	396,646	350,000	375,000	327,792	475,000	600,000	400,000	4,524,438
Government Grants - Capital	-	-	-	-	893,680	-	-	-	-	1,344,000	2,237,680
Community Donation / Sponsorship	-	-	-	-	-	-	-	-	-	-	-
Bill 124 Reserve (Building Division)	-	-	-	-	-	-	-	-	-	-	-
Park Trust Transfers	-	-	-	-	-	-	-	-	-	-	-
Taxation	156,400	120,361	267,190	295,489	320,927	124,891	1,365,345	324,197	299,564	1,409,118	4,683,483
Infrastructure - Funding - Total	1,415,900	1,375,361	2,172,190	1,813,335	3,432,607	2,349,491	5,054,201	1,804,197	5,548,439	4,521,118	29,486,839

Township of North Dumfries
2019 to 2028 Master Summary of DRAFT - 10 Year Capital Forecast

D - Facilities - Capital Costs											
Fire Facilities	12,750	191,736	5,837	186,720	30,362	15,203	94,767	-	-	31,694	569,068
Public Works - Facilities	-	709,485	93,625	21,649	86,150	-	473,915	-	169,059	-	1,553,883
Recreation - Facilities	911,115	2,624,659	3,594,739	2,088,237	1,912,906	1,201,187	11,620,347	563,287	944,237	351,928	25,812,643
Facilities- Capital Costs - Total	923,865	3,525,880	3,694,201	2,296,605	2,029,419	1,216,390	12,189,029	563,287	1,113,296	383,622	27,935,594
Facilities - Funding											
Energy Plus Reserve	405,410	154,490	654,490	955,490	379,990	154,490	584,325	157,910	157,910	157,910	3,762,415
Other Reserves	329,385	337,014	300,000	347,652	-	-	-	-	-	-	1,314,051
Development Charges	100,000	261,200	100,000	100,000	100,000	100,000	95,931	-	-	-	857,131
Government Grant	16,320	47,736	-	-	-	-	7,297,150	-	-	-	7,361,206
Community Donation / Sponsorship	-	-	-	-	-	-	1,391,985	-	-	-	1,391,985
Bill 124 Reserve (Building Division)	-	152,100	-	-	-	-	-	-	-	-	152,100
Park Trust Transfers	-	334,152	-	-	-	-	-	-	-	-	334,152
Debt	-	1,368,126	2,117,345	-	-	-	2,000,000	-	-	-	5,485,471
Taxation	72,750	871,062	522,366	893,463	1,549,429	961,900	819,638	405,377	955,386	225,712	7,277,083
Facilities - Funding - Total	923,865	3,525,880	3,694,201	2,296,605	2,029,419	1,216,390	12,189,029	563,287	1,113,296	383,622	27,935,594
E - Parks, Trails - Capital Costs											
Recreation - Parks, Park Facilities & Trail Enhancements	248,395	651,288	584,324	166,400	867,797	543,070	158,251	409,141	320,742	56,178	4,005,585
Recreation Parks, Park Facilities & Trails - Capital Costs - Total	248,395	651,288	584,324	166,400	867,797	543,070	158,251	409,141	320,742	56,178	4,005,585
Parks, & Trails - Funding											
Reserves	55,000	-	-	-	-	407,837	44,882	-	-	-	507,719
Development Charges	31,745	28,600	238,500	105,840	671,000	-	-	31,900	265,500	-	1,373,085
Government Grant	46,682	150,000	286,200	-	-	-	-	-	-	-	482,882
Community Donation / Sponsorship	25,000	387,000	-	-	-	-	50,000	-	-	-	462,000
Bill 124 Reserve (Building Division)	-	-	-	-	-	-	-	-	-	-	-
Park Trust Transfers	76,375	59,688	59,624	60,560	196,797	135,233	63,369	343,247	55,242	56,178	1,106,312
Taxation	13,593	26,000	-	-	-	-	-	33,994	-	-	73,587
Recreation Parks, Park Facilities & Trails - Funding - Total	248,395	651,288	584,324	166,400	867,797	543,070	158,251	409,141	320,742	56,178	4,005,585
Total Expenditures	3,728,412	6,779,325	7,669,834	6,002,561	7,388,385	5,641,734	18,329,275	4,816,553	7,741,027	5,750,320	\$73,847,428
Total Funding	3,728,412	6,779,325	7,669,834	6,002,561	7,388,385	5,641,734	18,329,275	4,816,553	7,741,027	5,750,320	\$73,847,428
Total Funding From Taxation	692,447	1,705,596	1,535,387	1,878,702	2,610,444	1,786,091	2,849,134	1,390,268	1,892,250	2,293,730	

Township of North Dumfries

A - Fleet - Rolling Stock

2019 to 2028 Administration Vehicle Fleet - Rolling Stock

Item	2018 Base Price	2019	2020	2021	2022	2023	2024	2025	2026	2027	2028	TOTAL
By-law Enforcement Vehicle (2014)	\$28,500				\$31,350							\$31,350
Building Division Vehicle #1 (2018)	\$32,000								\$37,760			\$37,760
Building Division Vehicle #2 (2018)	\$32,000								\$37,760			\$37,760
Contribution to Reserves - Bylaw Vehicle		\$6,000	\$6,000	\$6,000	\$6,000	\$6,500	\$6,500	\$6,500	\$6,500	\$6,500	\$6,500	\$63,000
Contribution to Bill 124 Reserves - Building Vehicles [4]		\$11,000	\$11,000	\$11,000	\$11,000	\$11,000	\$11,000	\$11,000	\$11,000	\$12,000	\$12,000	\$112,000
SUBTOTAL		\$17,000	\$17,000	\$17,000	\$48,350	\$17,500	\$17,500	\$17,500	\$93,020	\$18,500	\$18,500	\$281,870
FUNDING												
Reserves		\$0	\$0	\$0	\$31,350	\$0	\$0	\$0	\$75,520	\$0	\$0	\$106,870
Development Charges												\$0
Government Grant												\$0
Community Donation / Sponsorship												\$0
Bill 124 Reserve (Building Division)		\$11,000	\$11,000	\$11,000	\$11,000	\$11,000	\$11,000	\$11,000	\$11,000	\$12,000	\$12,000	\$112,000
Park Trust Transfers												\$0
Taxation		\$6,000	\$6,000	\$6,000	\$6,000	\$6,500	\$6,500	\$6,500	\$6,500	\$6,500	\$6,500	\$63,000
SUBTOTAL		\$17,000	\$17,000	\$17,000	\$48,350	\$17,500	\$17,500	\$17,500	\$93,020	\$18,500	\$18,500	\$281,870
Building Vehicle Reserve Balance	11,600	22,600	33,600	44,600	55,600	66,600	77,600	88,600	99,600	111,600	123,600	
By-law Vehicle Reserve Balance	19,000	25,000	31,000	37,000	43,000	49,500	56,000	62,500	69,000	75,500	82,000	

Note: Assumes 8 Year Replacement Schedule on Vehicles

2019 to 2028 Fire Rolling Stock

Item	2018 Base Price	2019	2020	2021	2022	2023	2024	2025	2026	2027	2028	TOTAL
Car 1 - Command (2013)	\$42,840			\$45,410								\$45,410
Car 2 - Fire Prevention [1]	\$35,000		\$36,400								\$42,000	\$78,400
Pumper #4 (2011)	\$571,200											\$0
Pumper #1 (2008) [2]	\$760,000								\$881,600			\$881,600
Tanker #2 (2013)	\$368,000											\$0
Tanker #3 (2018)	\$368,000											\$0
Rescue Squad (1999)	\$178,500				\$192,780							\$192,780
Contribution to Reserves		\$105,000	\$115,000	\$115,000	\$115,000	\$120,000	\$120,000	\$125,000	\$125,000	\$125,000	\$125,000	\$1,190,000
SUBTOTAL		\$105,000	\$151,400	\$160,410	\$307,780	\$120,000	\$120,000	\$125,000	\$1,006,600	\$125,000	\$167,000	\$2,388,190
FUNDING												
Reserves		\$0	\$0	\$45,410	\$192,780	\$0	\$0	\$0	\$661,140	\$0	\$42,000	\$941,330
Development Charges			\$36,400	\$0					\$220,460	\$0		\$256,860
Government Grant												\$0
Community Donation / Sponsorship												\$0
Bill 124 Reserve (Building Division)												\$0
Park Trust Transfers												\$0
Taxation		\$105,000	\$115,000	\$115,000	\$115,000	\$120,000	\$120,000	\$125,000	\$125,000	\$125,000	\$125,000	\$1,190,000
SUBTOTAL		\$105,000	\$151,400	\$160,410	\$307,780	\$120,000	\$120,000	\$125,000	\$1,006,600	\$125,000	\$167,000	\$2,388,190
Fire Rolling Stock Reserve Balance	(62,982)	42,018	157,018	226,608	148,828	268,828	388,828	513,828	(22,312)	102,688	185,688	

Notes: Capital Forecast 2% per annum increase over base cost for each year in forecast

20 Year Replacement Schedule of Pumpers, Tankers, Rescue Unit & Quint apparatus

8 Year Replacement Schedule on Staff Vehicles

[1] Acquisition of this Vehicle in 2020 is funded 100% through Development Charges

[2] The Pumper in 2026 is replaced with a Pumper complete with 50 to 65 ft ladder/water tower; approximately 25% of the cost is funded from Development Charges

Township of North Dumfries

A - Fleet - Rolling Stock

2019 to 2028 Public Works - Rolling Stock

Item	2018 Base Price	2019	2020	2021	2022	2023	2024	2025	2026	2027	2028	TOTAL
Freightliner Single Axle Dump Truck (2017)	\$229,500											\$0
Freightliner Single Axle Dump Truck (2002)	\$229,500	\$234,090										\$234,090
Volvo Tandem Axle Dump Truck (2005) [1]	\$275,400											\$0
Stirling Tandem Axle Dump Truck (2007)	\$275,400			\$291,924								\$291,924
Freightliner Tandem Axle Dump Truck (2012)	\$275,400						\$308,448					\$308,448
Freightliner Tandem Axle Dump Truck (2014)	\$275,400								\$319,464			\$319,464
Light Duty Pick-Up Truck - Supervisor (2017)	\$39,000							\$44,460				\$44,460
Ford 3/4 Ton Crew Cab Pick-Up Truck (2019)	\$45,900								\$53,244			\$53,244
Ford 1 Ton Crew Cab c/w hoist box (2014)	\$79,560				\$85,925							\$85,925
Deere Grader (2009)	\$405,960						\$454,675					\$454,675
Caterpillar Articulated Loader (2005)	\$280,500				\$315,058							\$315,058
Backhoe (2015)	\$142,800											\$0
Chipper	\$66,500				\$71,820							\$71,820
100 hp 4 Wheel Drive Tractor	\$98,940							\$112,792				\$112,792
Roadside Mower attachment for Tractor	\$25,500	\$26,010						\$29,580				\$55,590
Sweeper attachment for Tractor (2018)	\$15,500											\$0
2 ton Mobile Asphalt Hot Box	\$36,720	\$37,454										\$37,454
1/2 Ton Crew Cab Pick-up [2]	\$39,000									\$46,020		\$46,020
Tandem Axle Float (2018)	\$20,000											\$0
Contribution to Reserves		\$225,000	\$275,000	\$300,000	\$325,000	\$325,000	\$325,000	\$325,000	\$300,000	\$300,000	\$300,000	\$3,000,000
SUBTOTAL		\$522,554	\$275,000	\$591,924	\$797,802	\$325,000	\$1,088,123	\$511,832	\$672,708	\$346,020	\$300,000	\$5,430,964
FUNDING												
Reserves		\$297,554	\$0	\$291,924	\$472,802	\$0	\$763,123	\$186,832	\$372,708	\$0	\$0	\$2,384,944
Development Charges										\$46,020		\$46,020
Government Grant												\$0
Community Donation / Sponsorship												\$0
Bill 124 Reserve (Building Division)												\$0
Park Trust Transfers												\$0
Taxation		\$225,000	\$275,000	\$300,000	\$325,000	\$325,000	\$325,000	\$325,000	\$300,000	\$300,000	\$300,000	\$3,000,000
SUBTOTAL		\$522,554	\$275,000	\$591,924	\$797,802	\$325,000	\$1,088,123	\$511,832	\$672,708	\$346,020	\$300,000	\$5,430,964
Public Works Rolling Stock Reserve Balance	45,452	(27,102)	247,898	255,974	108,171	433,171	(4,952)	133,216	60,508	360,508	660,508	

Notes: Capital Forecast 2% per annum increase over base cost for each year in forecast
 12 Year Replacement for Dump Trucks; 15 year Replacement on Rubber Tire Equipment
 8 Year Replacement Schedule on Staff Vehicles

[1] Replacement Truck Purchased in 2018 - Expected Delivery Date of December 2018 / January 2019

[2] Funded 100% by Development Charges

Township of North Dumfries

A - Fleet - Rolling Stock

2019 to 2028 Recreation - Rolling Stock

Item	2018 Base Price	2019	2020	2021	2022	2023	2024	2025	2026	2027	2028	TOTAL
1/2 Ton Pick-up Truck (2009) [1]	\$39,000	\$39,780								\$46,020		\$85,800
1/2 Ton Pick-up Truck (2012) [2]	\$39,000		\$40,560									\$40,560
1/2 Ton Crew Cab Pick-up Truck (2017)	\$39,000							\$44,460				\$44,460
Wide Deck Mower	\$85,680			\$92,534								\$92,534
Ice Resurfacer - ACC	\$96,390		\$100,246									\$100,246
Ice Resurfacer - NDCC	\$96,390					\$106,029						\$106,029
Landscape Trailer	\$9,000				\$9,540							\$9,540
Utility Tractor	\$53,000						\$59,360					\$59,360
Turf / Trail Management Equipment	Various				\$6,500				\$7,500			\$14,000
two 5 foot Zero Turn Mowers (2018)	\$38,740					\$42,614						\$42,614
Ball Diamond Groomer	\$12,000	\$12,240										\$12,240
ATV Side by Side	\$18,730							\$21,352				\$21,352
Contribution to Reserves		\$60,000	\$85,000	\$85,000	\$80,000	\$80,000	\$75,000	\$75,000	\$70,000	\$70,000	\$70,000	\$750,000
SUBTOTAL		\$112,020	\$225,806	\$177,534	\$96,040	\$228,643	\$134,360	\$140,812	\$77,500	\$116,020	\$70,000	\$1,378,735
FUNDING												
Reserves		\$52,020	\$140,806	\$92,534	\$16,040	\$148,643	\$59,360	\$65,812	\$7,500	\$46,020	\$0	\$628,735
Development Charges												\$0
Government Grant												\$0
Community Donation / Sponsorship												\$0
Bill 124 Reserve (Building Division)												\$0
Park Trust Transfers												\$0
Taxation		\$60,000	\$85,000	\$85,000	\$80,000	\$80,000	\$75,000	\$75,000	\$70,000	\$70,000	\$70,000	\$750,000
SUBTOTAL		\$112,020	\$225,806	\$177,534	\$96,040	\$228,643	\$134,360	\$140,812	\$77,500	\$116,020	\$70,000	\$1,378,735
Recreation Rolling Stock Reserve Balance	69,259	77,239	21,433	13,899	77,859	9,216	24,856	34,044	96,544	120,524	190,524	

Notes: Capital Forecast 2% per annum increase over base cost for each year in forecast
 11 Year Replacement for Ice Resurfacers; 15 year Replacement on Rubber Tire Equipment
 5 Year Replacement Schedule for 5 Ft Zero Turn Mowers and 8 Year Replacement for Wide Deck Mower
 8 Year Replacement Schedule on Staff Vehicles

[1] Existing 1/2 ton Pick-up Truck replaced with a 1/2 ton Crew Cab Pick-up Truck
 [2] Existing 1/2 ton Pick-up Truck replaced with 1/2 ton Extended Cab Pick-up Truck

Total Fleet Expenditures	\$756,574	\$669,206	\$946,869	\$1,249,972	\$691,143	\$1,359,983	\$795,144	\$1,849,828	\$605,540	\$555,500	\$9,479,759
Total Fleet Funding	\$756,574	\$669,206	\$946,869	\$1,249,972	\$691,143	\$1,359,983	\$795,144	\$1,849,828	\$605,540	\$555,500	\$9,479,759
Total Fleet Funding From Taxation	\$396,000	\$481,000	\$506,000	\$526,000	\$531,500	\$526,500	\$531,500	\$501,500	\$501,500	\$501,500	

Township of North Dumfries

B - Studies, Equipment, Software

2019 to 2027 Corporate / Administration Studies, Equipment & Software

Item	2018 Base Price	2019	2020	2021	2022	2023	2024	2025	2026	2027	2028	TOTAL
Bridge / Major Culvert Assessment - OSIM [1]	\$10,000		\$10,400		\$10,800		\$11,200		\$11,600		\$12,000	\$56,000
Facility LifeCycle Analysis	\$52,000							\$59,280				\$59,280
Roads Needs Assessment	\$60,000			\$64,800						\$70,800		\$135,600
Stormwater Management Master Plan	\$50,000	\$50,000					\$55,000					\$105,000
Payroll / HRIS Software	Multi-Year		\$8,500			\$9,500			\$10,500			\$28,500
Procurement Analysis & Implementation		\$35,000										\$35,000
Records Management Software	Multi-Year		\$20,000			\$20,000				\$20,000		\$60,000
E-Agenda Software	\$25,000			\$25,500					\$26,000			\$51,500
Pay Equity / Salary Compensation Study	\$30,000						\$33,600					\$33,600
Zoning By-law Update	various		\$95,000				\$18,000				\$18,000	\$131,000
Cultural Landscape Study - Downtown Ayr & Adjacents [5]		15,000										\$15,000
Business Retention & Expansion Study - Agriculture [2]	\$32,000			\$33,920								\$33,920
Employment Lands Strategy	\$35,000	\$35,700										\$35,700
Urban Design Guidelines / Official Plan Update - Ayr			\$75,000									\$75,000
Cedar Creek Subwatershed Study [3]	\$30,000				\$33,600							\$33,600
5 Year Review of Official Plan	\$45,000				\$48,600				\$30,000			\$78,600
Development Charges Update	\$50,000	\$28,666				\$56,000					\$59,000	\$143,666
Upgrades to Server & MainFrame Network	various		\$8,000			\$10,000			\$12,000			\$30,000
IT/Telecommunication Network		\$20,000				\$20,000					\$20,000	\$60,000
Website Update Phase 3			\$0	\$15,000								\$15,000
Website - Update	\$52,000					\$57,200					\$62,400	\$119,600
Repay Street LED Street Light Project	\$40,000	\$20,000	\$20,000									\$40,000
Wall Mount Size Plotter / Digitizer [4a]	\$19,750	\$20,935										\$20,935
Property Management / Building Software [4a]	Multi-Year		\$130,000			\$50,000			\$55,000			\$235,000
Contribution to Reserves		\$0	\$15,000	\$15,000	\$15,000	\$15,000	\$15,000	\$15,000	\$15,000	\$15,000	\$15,000	\$135,000
SUBTOTAL		\$225,301	\$381,900	\$154,220	\$108,000	\$237,700	\$132,800	\$74,280	\$160,100	\$105,800	\$186,400	\$1,766,501
FUNDING												
Reserves		\$138,200	\$112,300			\$8,832						\$259,332
Development Charges		\$28,666	\$61,350		\$33,600	\$56,000			\$9,900		\$59,000	\$248,516
Government Grant		\$37,500		\$16,960								\$54,460
Community Donation / Sponsorship												\$0
Bill 124 Reserve Account (Building Division)		\$20,935	\$130,000			\$50,000			\$55,000			\$255,935
Park Trust Transfers												\$0
Taxation		\$0	\$78,250	\$137,260	\$74,400	\$122,868	\$132,800	\$74,280	\$95,200	\$105,800	\$127,400	\$948,258
SUBTOTAL		\$225,301	\$381,900	\$154,220	\$108,000	\$237,700	\$132,800	\$74,280	\$160,100	\$105,800	\$186,400	\$1,766,501
Reserve Balance - IT	36,832	16,832	8,832	8,832	8,832	-	-	-	-	-	-	
Reserve Balance - Planning Consultant	115,000	64,300	-	-	-	-	-	-	-	-	-	
Reserve Balance - Building Department Surplus	444,191	478,256	403,256	458,256	513,256	518,256	573,256	628,256	628,256	683,256	738,256	

[4a] Expenditure funded from Building Bill 124 Reserve Account

[5] Represents the Township's share paid to the Region of Waterloo to complete the Study

Township of North Dumfries

B - Studies, Equipment, Software

2019 to 2028 Recreation - Tools, Equipment & Software

Item	2018 Base Price	2019	2020	2021	2022	2023	2024	2025	2026	2027	2028	TOTAL
NDCC Ice Edger	\$8,845				\$9,350							\$9,350
NDCC Floor Scrubber	\$12,000		\$12,480					\$13,680				\$26,160
ACC Ice Edger	\$8,845							\$9,690				\$9,690
Registration / Reservation Software												\$0
Field Liner	\$5,200					\$5,720						\$5,720
Contribution to Reserves												\$0
SUBTOTAL		\$0	\$12,480	\$0	\$9,350	\$5,720	\$0	\$23,370	\$0	\$0	\$0	\$50,920
FUNDING												
Reserves		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Development Charges												\$0
Government Grant												\$0
Community Donation / Sponsorship												\$0
Bill 124 Reserve (Building Division)												\$0
Park Trust Transfers			\$0									\$0
Taxation		\$0	\$12,480	\$0	\$9,350	\$5,720	\$0	\$23,370	\$0	\$0	\$0	\$50,920
SUBTOTAL		\$0	\$12,480	\$0	\$9,350	\$5,720	\$0	\$23,370	\$0	\$0	\$0	\$50,920
Reserve Balance												

[4] Existing NDCC Floor Scrubber reallocated to ACC

Total Studies, Equipment, Software Expenditures	\$ 383,678	\$ 557,591	\$ 272,251	\$ 476,249	\$ 367,420	\$ 172,800	\$ 132,650	\$ 190,100	\$ 153,010	\$ 233,902	\$2,939,651
Total Studies, Equipment, Software Funding	\$ 383,678	\$ 557,591	\$ 272,251	\$ 476,249	\$ 367,420	\$ 172,800	\$ 132,650	\$ 190,100	\$ 153,010	\$ 233,902	\$2,939,651
Total Studies, Equipment, Software Funding From Taxation	\$ 53,704	\$ 207,172	\$ 239,831	\$ 163,750	\$ 208,588	\$ 172,800	\$ 132,650	\$ 125,200	\$ 135,800	\$ 157,400	

2019 to 2028 Public Works - Infrastructure

Item	2018 Base Price	2019	2020	2021	2022	2023	2024	2025	2026	2027	2028	TOTAL
Annual Road Resurfacing / Rehabilitation - various locations [5]		\$900,000	\$1,070,961	\$1,424,224	\$1,323,985	\$1,870,927	\$1,649,891	\$2,475,537	\$1,424,197	\$1,738,964	\$2,063,118	\$15,941,804
Cold Constructed Asphalt Pavement-Recycled Product - various locations		\$150,000										\$150,000
Sidewalk New Construction / Missing Links		\$70,000	\$55,000	\$55,000	\$55,000	\$55,000	\$55,000	\$55,000	\$55,000	\$55,000	\$55,000	\$565,000
Engineering Design - Bute Street	\$45,000	\$45,900										\$45,900
Reconstruction - Bute Street	\$397,440			\$421,286								\$421,286
Engineering Design - Brant Waterloo Rd, Swan St to 120 m East of Reidsville [6]	\$330,000					\$363,000						\$363,000
Road Reconstruct - Brant Waterloo Rd, Swan St to 120 m East of Reidsville Rd [6]	\$1,950,582							\$2,223,663				\$2,223,663
Engineering Design / EA Reidsville Rd, Brant Waterloo Rd to Greenfield Rd [6]	\$330,000						\$369,600					\$369,600
Road Reconstruction - Reidsville Road, Brant Waterloo Rd to Greenfield Rd [6] [7]	\$2,934,892									\$3,404,475		\$3,404,475
Engineering Design - Brant Waterloo Rd, Swan St to Trussler Road [6]	\$330,000										\$396,000	\$396,000
Road Reconstruct - Brant Waterloo Rd, Swan St to Trussler Rd [6]	\$2,465,890											\$0
Footbridge Rd Bridge - Engineering Structure Assessment	\$30,000		\$30,600									\$30,600
Footbridge Rd Bridge Intervention	\$86,000			\$89,440								\$89,440
Footbridge Road Bridge Rehabilitation [8]	\$354,000					\$396,480						\$396,480
Footbridge Rd Bridge Rehabilitation beyond 10 Years [8]	\$1,239,000											\$0
Jedburg Dam Bridge - Engineering Structure Assessment	\$30,000		\$30,600									\$30,600
Jedburgh Dam Bridge Intervention	\$175,500				\$186,030							\$186,030
Jedburgh Dam Bridge Replacement [8]	\$1,120,000										\$1,344,000	\$1,344,000
Piper St Bridge - Engineering Structure Assessment	\$30,000		\$30,600									\$30,600
Piper Street Bridge Intervention	\$31,000			\$32,240								\$32,240
Piper Street Bridge Rehabilitation [8]	\$452,000					\$497,200						\$497,200
Gore Road Bridge #1 - Engineering Structure Assessment	\$30,000		\$30,600									\$30,600
Gore Road Bridge #1 Replacement	\$240,000										\$288,000	\$288,000
Greenfield West Structure	\$22,000				\$23,320							\$23,320
LED Streetlight Conversion - PH2 - Top Post Luminaires	\$50,000		\$52,000									\$52,000
Downtown Ayr - Urban Plaza Construction [9]	\$230,000	\$230,000										\$230,000
Repay Phase 1 LED Streetlight Conversion		\$20,000										\$20,000
Contribution to Infrastructure Reserve		\$0	\$75,000	\$150,000	\$225,000	\$250,000	\$275,000	\$300,000	\$325,000	\$350,000	\$375,000	\$2,325,000
SUBTOTAL		\$1,415,900	\$1,375,361	\$2,172,190	\$1,813,335	\$3,432,607	\$2,349,491	\$5,054,201	\$1,804,197	\$5,548,439	\$4,521,118	\$29,486,839
FUNDING												
Aggregates Reserve (Transfer from)		\$450,000	\$850,000	\$1,000,000	\$800,000	\$1,250,000	\$725,000	\$725,000	\$750,000	\$800,000	\$750,000	\$8,100,000
Energy Plus Reserve (Transfer from)		\$230,000										\$230,000
Reserve - Infrastructure (Transfer from)		\$0	\$0	\$0	\$266,200	\$200,000	\$700,000	\$357,400	\$200,000	\$389,400	\$275,000	\$2,388,000
Reserves - Other than Aggregates (Transfer from)		\$109,500	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$109,500
Special Area Levy - Sidewalks		\$70,000	\$55,000	\$55,000	\$55,000	\$55,000	\$55,000	\$55,000	\$55,000	\$55,000	\$55,000	\$565,000
Development Charges					\$0	\$363,000	\$369,600	\$2,223,663	\$0	\$3,404,475	\$288,000	\$6,648,738
Government Grants (GAS TAX & OCIF)		\$400,000	\$350,000	\$850,000	\$396,646	\$350,000	\$375,000	\$327,792	\$475,000	\$600,000	\$400,000	\$4,524,438
Government Grants - Capital						\$893,680			\$0		\$1,344,000	\$2,237,680
Community Donation / Sponsorship		\$0										\$0
Bill 124 Reserve (Building Division)												\$0
Park Trust Transfers												\$0
Taxation		\$156,400	\$120,361	\$267,190	\$295,489	\$320,927	\$124,891	\$1,365,345	\$324,197	\$299,564	\$1,409,118	\$4,683,483
SUBTOTAL		\$1,415,900	\$1,375,361	\$2,172,190	\$1,813,335	\$3,432,607	\$2,349,491	\$5,054,201	\$1,804,197	\$5,548,439	\$4,521,118	\$29,486,839
Contribution to Reserves - Gravel Licencing Fees (10)		\$700,000	\$700,000	\$700,000	\$700,000	\$725,000	\$725,000	\$725,000	\$750,000	\$750,000	\$750,000	\$7,225,000
Aggregates Reserve Balance	1,036,653	1,286,653	1,136,653	836,653	736,653	211,653	211,653	211,653	211,653	161,653	161,653	
Reserve Balance - Infrastructure	300,000	300,000	375,000	525,000	483,800	533,800	108,800	51,400	176,400	137,000	237,000	
Gas Tax and OCIF Balance	605,587	605,587	655,587	205,587	208,941	258,941	283,941	356,149	281,149	81,149	143,149	
Development Charges	698,589	898,589	1,098,589	1,298,589	1,498,589	1,335,589	1,165,989	(857,674)	(657,674)	(3,862,149)	(3,950,149)	

Notes:

- [5] Following the general outline of the 4 Roads Management Services Inc., 2016 State of the Infrastructure - Roads Report, January 2017
- [6] 100% funded through Development Charges
- [7] Cost includes resurface of existing road; engineering design & Environmental Assessment, land acquisition & Construction of a new portion of road at the severe curve.
- [8] Bridges Funded from Upper Level of Government Grants
- [9] Included in the Region's reconstruction of Northumberland & Stanley Streets. Township portion of project
- (10) Aggregate Licencing Fees Revenues as received are automatically put into Reserves for use in the Capital Costs of Infrastructure Renewal
- (11) Development Charges estimated at adding \$200,000 per year for Roads

Total Infrastructure Expenditures	\$ 1,415,900	\$ 1,375,361	\$ 2,172,190	\$ 1,813,335	\$ 3,432,607	\$ 2,349,491	\$ 5,054,201	\$ 1,804,197	\$ 5,548,439	\$ 4,521,118	\$29,486,839
Total Infrastructure Funding	\$ 1,415,900	\$ 1,375,361	\$ 2,172,190	\$ 1,813,335	\$ 3,432,607	\$ 2,349,491	\$ 5,054,201	\$ 1,804,197	\$ 5,548,439	\$ 4,521,118	\$29,486,839
Total Infrastructure Funding From Taxation	\$ 156,400	\$ 120,361	\$ 267,190	\$ 295,489	\$ 320,927	\$ 124,891	\$ 1,365,345	\$ 324,197	\$ 299,564	\$ 1,409,118	

Township of North Dumfries

D - Facilities - After Facility Study

2019 to 2028 Fire Facilities

Item	2018 Base Price	2019	2020	2021	2022	2023	2024	2025	2026	2027	2028	TOTAL
Renovation - Office / Admin [5]	\$155,000		\$161,200	\$0								\$161,200
Emergency Operations Centre	Town Hall Project											\$0
Driveway Sealant - Parking Lot	\$12,500	\$12,750										\$12,750
Replace Roof												\$0
Fire - Concrete Masonry Units - Perimeter	\$12,000						\$13,514					\$13,514
Fire - Double Glazed - Perimeter	\$3,000							\$3,446				\$3,446
Fire - Metal - Perimeter	\$15,500							\$17,805				\$17,805
Fire - Overhead Garage Doors - Perimeter	\$49,500				\$53,580							\$53,580
Fire - Main kitchen finishes - Main Kitchen	\$16,500							\$18,953				\$18,953
Fire - Kitchenette finishes - Kitchenette	\$2,500							\$2,872				\$2,872
Fire - Various Finishes - Throughout	\$12,500										\$15,237	\$15,237
Fire - Various Finishes - Throughout	\$3,500				\$3,789							\$3,789
Fire - Sinks, Toilets, Showers - Washrooms, Kitchen and Janitor Room	\$13,500										\$16,456	\$16,456
Fire - DWT - Mechanical Room	\$5,500			\$5,837								\$5,837
Fire - Electric wall Heater - Front entrance	\$1,500					\$1,656						\$1,656
Fire - Unit heater - Parade truck shed	\$1,000					\$1,104						\$1,104
Fire - Radiant Heater - Garage	\$25,000					\$27,602						\$27,602
Fire - A/C Unit - Site	\$5,500	\$5,722										\$5,722
Fire - Fire Extinguishers - Throughout	\$1,500						\$1,689					\$1,689
Fire - Panel - Electrical Room	\$5,000							\$5,743				\$5,743
Fire - Panel - Parade truck shed	\$1,250		\$1,301									\$1,301
Fire - Disconnects - Throughout	\$1,500		\$1,561									\$1,561
Fire - T8 Fluorescent - Throughout	\$18,000		\$18,727									\$18,727
Fire - Wall Pack Units - Perimeter	\$1,350		\$1,405									\$1,405
Fire - Exit Signs - Throughout	\$1,750		\$1,821									\$1,821
Fire - Diesel generator, tank and transfer switch - Throughout	\$40,000							\$45,947				\$45,947
FIRE - ACDA - Washroom (universal)	\$75,000				\$81,182							\$81,182
FIRE - ACDA - Washroom (regular)	\$44,500				\$48,168							\$48,168
Contribution to Reserves												\$0
SUBTOTAL		\$12,750	\$191,736	\$5,837	\$186,720	\$30,362	\$15,203	\$94,767	\$0	\$0	\$31,694	\$569,068
FUNDING												
Reserves		\$5,000	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$5,000
Development Charges			\$161,200									\$161,200
Government Grant												\$0
Community Donation / Sponsorship												\$0
Bill 124 Reserve (Building Division)												\$0
Park Trust Transfers												\$0
Taxation		\$7,750	\$30,536	\$5,837	\$186,720	\$30,362	\$15,203	\$94,767	\$0	\$0	\$31,694	\$402,868
SUBTOTAL		\$12,750	\$191,736	\$5,837	\$186,720	\$30,362	\$15,203	\$94,767	\$0	\$0	\$31,694	\$569,068
Fire Facilities Reserve Balance	5,000	-	-	-	-	-	-	-	-	-	-	-

[5] 100% funding for this project is through Development Charges

2019 to 2028 Public Works - Facilities

Item	2018 Base Price	2019	2020	2021	2022	2023	2024	2025	2026	2027	2028	TOTAL
Renovation - Main Shop	\$66,300			\$70,278								\$70,278
Demolition Quonset Hut / Replace with 40 x 96 ft Drive Shed	\$223,686		\$232,633									\$232,633
Construct Salt / Sand Storage Building [3]	\$255,000							\$290,700				\$290,700
Construct Fuel Storage / Dispensing Depot & Removal of Existing [4]	\$137,700									\$162,486		\$162,486
7 Commodity Bunkers	\$40,800		\$41,616									\$41,616
Repair Roof on Cold Storage Building												\$0
Water System - for Clean Water	\$10,000		\$10,000									\$10,000
Replace Septic System												\$0
Roads Patrol and GPS Vehicle Tracking System	\$20,000		\$20,000									\$20,000
PW - Steel Framed Windows - Building Perimeter	\$3,600		\$3,745									\$3,745
PW - Hollow Metal Doors - Building Perimeter	\$4,500					\$4,968						\$4,968
PW - Overhead Door - Building Perimeter	\$12,000				\$12,989							\$12,989
PW - Standing Seam Metal Roofing - Roof	\$112,500							\$129,227				\$129,227
PW - Interior Windows - Throughout	\$3,000			\$3,184								\$3,184
PW - Hollow Core Wooden Doors - Throughout	\$4,000				\$4,330							\$4,330
PW - Vinyl Composite Tile Flooring - Throughout	\$4,000				\$4,330							\$4,330
PW - Water Closet & Lavatory & Kitchen Sink - Washroom	\$3,000		\$3,121									\$3,121
PW - Furnace - 1 - Garage	\$12,000		\$12,485									\$12,485
PW - Furnace - 2 - Garage	\$12,000		\$12,485									\$12,485
PW - Exhaust Ventilation System F - 1 - Rooftop	\$3,500		\$3,641									\$3,641
PW - Exhaust Ventilation System F - 2 - Rooftop	\$3,500		\$3,641									\$3,641
PW - Electric Baseboard Heaters - Lunchroom & Office	\$3,000			\$3,184								\$3,184
PW - Air Compressor - 1 - Garage	\$5,500									\$6,573		\$6,573
PW - Distribution Panels - Lunchroom	\$7,000		\$7,283									\$7,283
PW - Ceiling Mounted Industrial Fans - Garage	\$4,000		\$4,162									\$4,162
PW - Fluorescent Fixtures - Throughout	\$12,000							\$13,784				\$13,784
PW - Communications Equipment - Throughout	\$6,000							\$6,892				\$6,892
PW - Exit Sign, Emergency Light and Battery - Throughout	\$6,000							\$6,892				\$6,892
PW - Asphalt and Gravel Parking Lot - Site	\$70,000		\$72,828									\$72,828
PW - Furnace Oil Storage Tank - Site	\$10,000		\$10,404									\$10,404
PW - Wall Packs & Flood Lights - Exterior Walls	\$7,000							\$8,041				\$8,041
PW - Corrugated Metal Siding - Throughout	\$16,500		\$17,167									\$17,167
PW - Wood Framed Windows - Building Perimeter	\$7,700		\$8,011									\$8,011
PW - Hollow Metal Doors - Building Perimeter	\$3,000		\$3,121									\$3,121
PW - Overhead Door - Building Perimeter	\$3,000		\$3,121									\$3,121
PW - Corrugated Metal Roofing - Roof	\$75,000		\$78,030									\$78,030
PW - Corrugated Metal Roofing - Roof	\$18,000		\$18,727									\$18,727
PW - Water Closet & Lavatory - Washroom	\$1,200		\$1,248									\$1,248
PW - Domestic Water Heater - 1 - Above Washroom	\$3,500		\$3,641									\$3,641
PW - Oil Fired Furnace - Garage Bay	\$12,000		\$12,485									\$12,485
PW - Exhaust Ventilation System - 1 - Rooftop	\$3,500		\$3,641									\$3,641
PW - Distribution Panels - Work Bench Room	\$5,000		\$5,202									\$5,202
PW - Ceiling Mounted Industrial Fans - Garage Bay	\$6,000			\$6,367								\$6,367
PW - Fluorescent Fixtures - Throughout	\$4,400							\$5,054				\$5,054
PW - Exit Sign, Emergency Light and Battery - Work Bench Room	\$1,000							\$1,149				\$1,149
PW - Wall Packs - Exterior Walls	\$4,000							\$4,595				\$4,595
PW - Furnace Oil Storage Tank - Exterior Walls	\$10,000		\$10,404									\$10,404
PW - Underground Fuel Storage Tanks and Pump - Exterior Walls	\$75,000		\$78,030									\$78,030
PW - Asphalt Shingle Roofing - Roof	\$27,500		\$28,611									\$28,611
PW - HID Lighting Fixtures - Mechanical Room	\$1,600							\$1,838				\$1,838
PW - Fluorescent Fixtures - Mechanical Room	\$4,000							\$4,595				\$4,595
PW - Exit Sign, Emergency Light and Battery - Mechanical Room	\$1,000							\$1,149				\$1,149
PW - Water Storage Tank - Exterior Walls	\$10,000			\$10,612								\$10,612
PW - AODA - Fire Alarm (N/A)					\$0							\$0
PW - AODA - Washroom (universal)	\$75,000					\$81,182						\$81,182
PW - AODA - Washroom (regular); N/A						\$0						\$0
Contribution to Reserves												\$0
FUNDING		\$0	\$709,485	\$93,625	\$21,649	\$86,150	\$0	\$473,915	\$0	\$169,059	\$0	\$1,553,883
Reserves		\$0	\$137,014	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$137,014
Development Charges								\$95,931		\$0		\$95,931
Government Grant												\$0
Community Donation / Sponsorship												\$0
Bill 124 Reserve (Building Division)												\$0
Park Trust Transfers												\$0
Taxation		\$0	\$572,471	\$93,625	\$21,649	\$86,150	\$0	\$377,984	\$0	\$169,059	\$0	\$1,320,938
PUBLIC WORKS FACILITIES RESERVE BALANCE	117,014	117,014	(20,000)	(20,000)	(20,000)	(20,000)	(20,000)	(20,000)	(20,000)	(20,000)	(20,000)	\$1,553,883

Notes:
 [3] Partially funded (33%) through Development Charges
 [4] Timing for this project is dependent upon changes to underground fuel storage tanks by the TSSA; Staff are also assessing utilizing private sector card lock fuel dispensing sites as an alternative

Township of North Dumfries

D - Facilities - After Facility Study

Parks - Victoria Park Public Washrooms - Painted Plywood Soffits - Throug	\$2,400		\$2,497									\$2,497
Parks - Victoria Park Public Washrooms - Eavestroughs and Downspouts	\$1,000		\$1,040									\$1,040
Township Office Project - Design [14]	\$272,385	\$272,385										\$272,385
Township Office Project - Construction [14]	\$1,997,495			\$2,117,345								\$2,117,345
Ayr Ice House - Engineering Assessment	\$15,000	\$15,300										\$15,300
Ayr Ice House - Renovation [15]	various						\$115,000					\$115,000
Library - HVAC	\$29,000							\$33,640				\$33,640
Library - Roof	\$193,800							\$220,932				\$220,932
Library - Windows & Doors	\$105,000								\$123,900			\$123,900
Downtown Ayr Revitalization	\$35,000	\$35,700										\$35,700
26 Northumberland Street - Redevelopment / Adaptive Re-use	\$250,000			\$265,000								\$265,000
Interim Offices	\$50,000	\$50,000										\$50,000
Ayr Ice House Park Design	\$27,500						\$30,800					\$30,800
Ayr Ice House Park Construction	\$225,000							\$256,500				\$256,500
Repayment of Debt (NDCC and Admin BLDG) (17) & Twin Pad		\$254,490	\$254,490	\$254,490	\$338,815	\$338,815	\$338,815	\$84,325	\$157,910	\$157,910	\$157,910	\$2,337,970
Contribution to Reserves - Facilities		\$35,000	\$60,000	\$75,000	\$90,000	\$105,000	\$120,000	\$135,000	\$150,000	\$165,000	\$180,000	\$1,115,000
SUBTOTAL		\$911,115	\$2,624,659	\$3,594,739	\$2,088,237	\$1,912,906	\$1,201,187	\$11,620,347	\$563,287	\$944,237	\$351,928	\$25,812,643
FUNDING												
Energy Plus Reserve	\$405,410	\$154,490	\$654,490	\$955,490	\$379,990	\$154,490	\$584,325	\$157,910	\$157,910	\$157,910		\$3,762,415
Other Reserves	\$324,385	\$200,000	\$300,000	\$347,652								\$1,172,037
Development Charges	100,000	100,000	\$100,000	\$100,000	\$100,000	\$100,000						\$600,000
Government Grant	16,320	47,736					\$7,297,150	\$0				\$7,361,206
Community Donation / Sponsorship							\$0	\$0				\$1,391,985
Bill 124 Reserve (Building Division)		\$152,100										\$152,100
Park Trust Transfers		\$334,152										\$334,152
Debt		\$1,368,126	\$2,117,345				\$2,000,000					\$5,485,471
Taxation	65,000	268,055	422,905	685,095	1,432,916	946,697	346,887	405,377	786,327	194,018		5,553,277
SUBTOTAL		\$911,115	\$2,624,659	\$3,594,739	\$2,088,237	\$1,912,906	\$1,201,187	\$11,620,347	\$563,287	\$944,237	\$351,928	\$25,812,643
Facilities and Land Sales Reserve Balance	672,755	707,755	667,755	342,755	85,103	190,103	310,103	445,103	595,103	760,103	940,103	

Notes:
 ACC projects 2020 and beyond will be reviewed and assessed in the context of delivery schedule for new twin pad
 [11] Assumes 50/50 Funding from Federal Accessibility Fund
 [12] Design in 2021 & Construction in 2023; Funded from Development Charges
 [13] Design in 2023 & Construction in 2025; Funded 80% through Community Donations / Fundraising and Upper Level Government Grants and 20% by Township
 [14] Initiation of Design Phase in 2019 with construction in 2020
 [15] Assumes 100% of project funded from Grants and Community Donations. 2019 Engineering Design; 2020 Phase 1 - Pointing, Parging, Interior Carpentry, Door & Window Replacement; Phase 2 Scissor Trusses, Cedar Shingle Roof Installation
 [16] Energy Plus Investment Revenues as received are automatically put into Reserves for use in the Capital Costs of Facilities
 [17] Assume the Administration Building will be borrowed. Estimated \$2117345 less 500,000 from Energy Plus Reserve less 300,000 from land sales reserve (net 1317345) over 20 Years at 4% - Twin Pad \$1M over 20 years @ 4%

Debt to help offset Major Capital at ACC

Debt for Township Office Construction

Use 5.5 M from Energy Plus to help pay for twin pad

Borrow \$2 M to fund twin pad repay over 20 years @ 4%

Total Facilities Expenditures	\$ 923,865	\$ 3,525,880	\$ 3,694,201	\$ 2,296,605	\$ 2,029,419	\$ 1,216,390	\$ 12,189,029	\$ 563,287	\$ 1,113,296	\$ 383,622	\$27,935,594
Total Facilities Funding	\$ 923,865	\$ 3,525,880	\$ 3,694,201	\$ 2,296,605	\$ 2,029,419	\$ 1,216,390	\$ 12,189,029	\$ 563,287	\$ 1,113,296	\$ 383,622	\$27,935,594
Total Facilities Funding From Taxation	\$ 72,750	\$ 871,062	\$ 522,366	\$ 893,463	\$ 1,549,429	\$ 961,900	\$ 819,638	\$ 405,377	\$ 955,386	\$ 225,712	

E - Parks, Trails

8-14-2019

2019 to 2028 Recreation - Parks & Trail Enhancements

Item	2018 Base Price	2019	2020	2021	2022	2023	2024	2025	2026	2027	2028	TOTAL
Play Structure Replacement @ Parks (Various) [4] [5]	\$46,815	\$23,625	\$48,688	\$49,624	\$50,560	\$51,497	\$52,433	\$53,369	\$54,305	\$55,242	\$56,178	\$495,520
3 Lit Tennis Court Facility [11]	\$364,140						\$407,837					\$407,837
Unorganized Sports Field - Schmidt Park [11]	\$65,000						\$72,800					\$72,800
BMX / Skateboard Park [6]			\$537,000									\$537,000
Downtown Ayr Seasonal Decorations	\$50,000	\$50,000										\$50,000
Off-Leash Dog Park	\$83,230							\$94,882				\$94,882
Trail Design & Approvals - Nith River, Piper Glen Park to Greenfield Rd West	\$0	\$0										\$0
Trail Construction - Nith River, Piper Glen Park to Greenfield Road West [7]	\$270,000			\$286,200								\$286,200
Replacement Field Lights Diamond 1 @ Vic Park [9]	\$123,000					\$135,300						\$135,300
Replacement Field Lights @ Schmidt Park [9]	\$265,200								\$312,936			\$312,936
Park Furniture (bleachers, waste bins, tables, benches)	various	\$11,000	\$11,000	\$10,000	\$10,000	\$10,000	\$10,000	\$10,000	\$10,000			\$82,000
Parkette Design - Broos P1/HilltopS4P3 Subdivision	\$27,500		\$28,600									\$28,600
Parkette Construction - Broos P1/HilltopS4P3 Subdivision	\$225,000			\$238,500								\$238,500
Parkette Design - Rox'Shire Subdivision	\$27,500								\$31,900			\$31,900
Parkette Construction - Rox'Shire Subdivision	\$225,000									\$265,500		\$265,500
Neighbourhood Park Design - Legacy S4P4 / Broos P2 Subdivision	\$98,000				\$105,840							\$105,840
Neighbourhood Park Construction - Legacy S4P4 / Broos P2 Subdivision	\$610,000					\$671,000						\$671,000
Bike Racks - Various Locations	\$5,750	\$5,750										\$5,750
Centennial Park - Walkway Lighting & Electrical Upgrades	\$101,000	\$103,020										\$103,020
Trail Development / Upgrade of Existing Trails	various	\$0										\$0
Watson Pond / Centennial Park Pedestrian Bridge Deck Replacement	\$25,000		\$26,000									\$26,000
Renovation of Roseville Park Field	\$55,000	\$55,000										\$55,000
Contribution to Reserves		\$0										\$0
SUBTOTAL		\$248,395	\$651,288	\$584,324	\$166,400	\$867,797	\$543,070	\$158,251	\$409,141	\$320,742	\$56,178	\$4,005,585
FUNDING												
Reserves		\$55,000	\$0	\$0	\$0	\$0	\$407,837	\$44,882	\$0	\$0	\$0	\$507,719
Development Charges		\$31,745	\$28,600	\$238,500	\$105,840	\$671,000			\$31,900	\$265,500		\$1,373,085
Government Grant		\$46,682	\$150,000	\$286,200								\$482,882
Community Donation / Sponsorship		\$25,000	\$387,000					\$50,000				\$462,000
Bill 124 Reserve (Building Division)		\$0										\$0
Park Trust Transfers		\$76,375	\$59,688	\$59,624	\$60,560	\$196,797	\$135,233	\$63,369	\$343,247	\$55,242	\$56,178	\$1,106,312
Taxation		\$13,593	\$26,000	\$0	\$0	\$0	\$0	\$0	\$33,994	\$0	\$0	\$73,587
SUBTOTAL		\$248,395	\$651,288	\$584,324	\$166,400	\$867,797	\$543,070	\$158,251	\$409,141	\$320,742	\$56,178	\$4,005,585

Notes: Design & Construction of Subdivision Park Facilities is funded 100% by Development Charges as a growth related capital project

[4] In 2019, Swing Apparatus installed at Roseville, Victoria Park and Branchton Park

[5] Assumes one park play structure per year is replaced --- 13 year lifecycle

[6] Township commitment as per MOU is to fund 36% of the project to a maximum equivalent of \$200,000 (2016 \$), balance of the project is funded from Community Donations and Grants: \$46,000 in 2018 for Design was expended by the Township

[7] Assumes 67% funding from Provincial, Federal & Local Grant Program or equivalent for Construction - Township portion funded from Development Charges; does not account for pedestrian bridges

[8] Assumes 50/50 Funding with Trillium Program or similar Grant to design and construct barrier free washrooms and Renovate 2nd Ball Diamond with Lights

[9] Assumes existing light standards can be re-used in their current location and the only work undertaken is relamping

[10] Assumes 67% funding from Provincial & Federal Grant Program

[11] Assumes 50% paid by Development Charges to accommodate new sports field & tennis court facility

Total Parks, Park Facilities, Trails Expenditures	\$	248,395	\$	651,288	\$	584,324	\$	166,400	\$	867,797	\$	543,070	\$	158,251	\$	409,141	\$	320,742	\$	56,178	\$4,005,585
Total Parks, Park Facilities, Trails Funding	\$	248,395	\$	651,288	\$	584,324	\$	166,400	\$	867,797	\$	543,070	\$	158,251	\$	409,141	\$	320,742	\$	56,178	\$4,005,585
Total Parks, Park Facilities, Trails Funding From Taxation	\$	13,593	\$	26,000	\$	-	\$	-	\$	-	\$	-	\$	-	\$	33,994	\$	-	\$	-	

F - 2019 to 2028 Reserve Balance Continuity Estimates

8-14-2019

RESERVE		2018 Reserve Balance	2019	2020	2021	2022	2023	2024	2025	2026	2027	2028
FLEET RESERVES	Building Vehicle Reserve Balance	11,600	22,600	33,600	44,600	55,600	66,600	77,600	88,600	99,600	111,600	123,600
	By-law Vehicle Reserve Balance	19,000	25,000	31,000	37,000	43,000	49,500	56,000	62,500	69,000	75,500	82,000
	Fire Rolling Stock Reserve Balance	(62,982)	42,018	157,018	226,608	148,828	268,828	388,828	513,828	(22,312)	102,688	185,688
	Public Works Rolling Stock Reserve Balance	45,452	(27,102)	247,898	255,974	108,171	433,171	(4,952)	133,216	60,508	360,508	660,508
	Recreation Rolling Stock Reserve Balance	69,259	77,239	21,433	13,899	77,859	9,216	24,856	34,044	96,544	120,524	190,524
SOFTWARE, EQUIP. RESERVES	Reserve Balance - IT	36,832	16,832	8,832	8,832	8,832	-	-	-	-	-	-
	Reserve Balance - Planning Consultant	115,000	64,300	-	-	-	-	-	-	-	-	-
	Reserve Balance - Building Department Surplus	444,191	478,256	403,256	458,256	513,256	518,256	573,256	628,256	628,256	683,256	738,256
	Fire Tools, Software & Equipment Reserve Balance	98,742	61,569	100,801	160,341	(38,559)	(2,559)	37,441	72,441	102,441	115,231	127,729
	Pubic Works Tools, Software & Equipment Reserve Balance	-	-	-	-	-	-	-	-	-	-	-
	Recreation Tools, Software & Equipment Reserve Balance	-	-	-	-	-	-	-	-	-	-	-
INFRASTRUCTURE RESERVES	Contribution to Reserves - Gravel Licencing Fees		\$700,000	\$700,000	\$700,000	\$700,000	\$725,000	\$725,000	\$725,000	\$750,000	\$750,000	\$750,000
	Application of Aggregates Reserve to Infrastructure		\$450,000	\$850,000	\$1,000,000	\$800,000	\$1,250,000	\$725,000	\$725,000	\$750,000	\$800,000	\$750,000
	Aggregates Reserve Balance	1,036,653	1,286,653	1,136,653	836,653	736,653	211,653	211,653	211,653	211,653	161,653	161,653
	Reserve Balance - Infrastructure	300,000	300,000	375,000	525,000	483,800	533,800	108,800	51,400	176,400	137,000	237,000
Gas Tax and OCIF Balance	605,587	605,587	655,587	205,587	208,941	258,941	283,941	356,149	281,149	81,149	143,149	
FACILITIES RESERVES	Fire Facilities Reserve Balance	5,000	-	-	-	-	-	-	-	-	-	-
	Public Works Facilities Reserve Balance	117,014	117,014	(20,000)	(20,000)	(20,000)	(20,000)	(20,000)	(20,000)	(20,000)	(20,000)	(20,000)
	Facilities and Land Sales Reserve Balance	672,755	707,755	567,755	342,755	85,103	190,103	310,103	445,103	595,103	760,103	940,103
Applied to Facilities	Interest and Divends Received from Energy Plus To Reserve		\$406,774	\$406,774	\$406,774	\$406,774	\$406,774	\$406,774	\$406,774	\$406,774	\$406,774	\$406,774
	Applied to Infrastructure		(405,410)	(154,490)	(654,490)	(955,490)	(379,990)	(154,490)	(584,325)	(157,910)	(157,910)	(157,910)
	Application to Infrastructure (Cenotaph area project)		(230,000)	-	-	-	-	-	-	-	-	-
	Energy Plus Reserve Balance	824,514	595,878	848,162	600,446	51,730	78,514	330,798	153,247	402,111	650,975	899,839
	Contribution to Building Department Surplus		100,000	100,000	100,000	100,000	100,000	100,000	100,000	100,000	100,000	100,000
	Application to Projects from Building Department Surplus		(31,935)	(293,100)	(11,000)	(11,000)	(61,000)	(11,000)	(11,000)	(66,000)	(12,000)	(12,000)
	Building Department Surplus Reserve Balance	462,566	530,631	337,531	426,531	515,531	554,531	643,531	732,531	766,531	854,531	942,531
	Contribution to Parkland Trust		84,700	202,020	256,750	105,875	67,760	-	52,220	-	-	-
	Application to Projects from Parkland Trust		(76,375)	(59,688)	(59,624)	(60,560)	(196,797)	(135,233)	(63,369)	(343,247)	(55,242)	(56,178)
	Parkland Trust Balance	225,567	233,892	376,224	573,351	618,665	489,629	354,396	343,247	(0)	(55,242)	(111,420)
	Contribution to Development Charges		400,000	400,000	800,000	800,000	800,000	800,000	600,000	400,000	200,000	800,000
	Application to Projects from Development Charges		(160,411)	(387,550)	(338,500)	(239,440)	(1,190,000)	(469,600)	(2,319,594)	(262,260)	(3,715,995)	(347,000)
	Development Charges	940,419	1,180,008	1,192,458	1,653,958	2,214,518	1,824,518	2,154,918	435,324	573,064	(2,942,931)	(2,489,931)

Township of North Dumfries
G- Reserve Analysis

2014 Balance 2015 Balance 2016 Balance 2017 Balance 2018 Balance 2019 Transfers From 2018 Surplus 2019 Opening Balance

Non Obligatory Reserves

CORPORATE SERVICES

Reserve - Working Funds	(83,348)	(54,955)	(31,955)	(1,495,474)	(1,555,301)	(36,697)	(1,591,998)
Reserve - Tax Appeals	-	-	(38,000)	(38,000)	(28,000)	-	(28,000)
Reserve - Camb/N.Dumfries Hydro Int	(333,362)	(454,205)	(515,982)	(577,202)	(858,989)	-	(858,989)
Reserve - Gravel Subsidy	(725,571)	(531,922)	(465,247)	(771,764)	(981,492)	-	(981,492)
Reserve - Elections	-	(10,000)	(23,000)	(36,000)	-	-	-
Reserve - Council	-	(1,500)	(3,000)	(6,000)	-	-	-
Reserve - Admin. IT	-	-	(14,656)	(21,920)	(16,832)	(20,000)	(36,832)
Reserve - Municipal Building	(40,465)	(13,260)	(13,260)	(13,260)	(9,460)	-	(9,460)
Reserve - Admin Office Reno	-	-	(25,000)	(3,800)	(2,600)	-	(2,600)
Reserve - Pay Equity	-	-	-	(28,000)	(45,652)	-	(45,652)
Reserve - Work Order Software	-	-	-	-	-	-	-
Reserve - 2018 Surplus	-	-	-	-	-	(177,000)	(177,000)
Total	(1,182,745)	(1,065,842)	(1,130,100)	(2,991,419)	(3,498,326)	(233,697)	(3,732,023)

PROTECTIVE SERVICES

Reserve - Fire Reservoir	(45,150)	(124,000)	(45,150)	(45,150)	(45,150)	-	(45,150)
Reserve - Fire Administration	-	-	-	(30,225)	(2,095)	-	(2,095)
Reserve Fire - Voice Radio	-	-	-	(72,672)	(4,379)	-	(4,379)
Reserve - Fire Rolling Stock	(45,000)	(45,000)	(51,635)	(127,535)	87,982	(25,000)	62,982
Reserve - Fire Comm. Equipment Reserve	-	-	(10,000)	(24,000)	(71,000)	-	(71,000)
Reserve - Fire PPE Reserve	-	-	(6,000)	(12,000)	1,732	-	1,732
Reserve - Fire SCBA Reserve	-	-	(11,500)	(23,000)	(23,000)	-	(23,000)
Reserve - Fire Air Refill Equipment	-	-	-	(25,000)	-	-	-
Reserve - Fire Parking Lot	-	-	-	(5,000)	(5,000)	-	(5,000)
Reserve - Building Depart Equip	(3,600)	(3,600)	(3,600)	(11,600)	(11,600)	-	(11,600)
Reserve - By-law Enforcement - Vehicle	-	-	(7,000)	(7,000)	(19,000)	-	(19,000)
Reserve - Water & Sewer	12,313	12,313	-	-	-	-	-
Reserve - By-law Enforcement - Software	-	-	(3,438)	(13,438)	(13,438)	-	(13,438)
Reserve - Bylaw Enforcement	-	-	(6,000)	(6,000)	-	-	-
Total	(81,437)	(160,287)	(144,323)	(402,620)	(104,948)	(25,000)	(129,948)

PUBLIC WORKS

Reserve - Public Works Equipment	(246,898)	(21,898)	(111,898)	(246,898)	(45,452)	-	(45,452)
Reserve - Line Painting	-	-	-	(18,000)	(18,000)	-	(18,000)
Reserve - Engineering Fees for Capital Projects	-	-	-	(39,500)	(39,500)	-	(39,500)
Reserve - Public Works Infrastructure	-	(300,000)	(300,000)	(300,000)	(400,000)	(75,000)	(475,000)
Reserves - Street Light	-	(24,000)	(48,000)	(54,000)	(60,000)	-	(60,000)
Reserve - Ayr Special Area Rates	(26,100)	(26,100)	(26,100)	(26,100)	(26,100)	-	(26,100)
Reserves - Special Area - Ayr Sidewalks	-	-	(40,000)	(60,000)	(32,595)	-	(32,595)
Reserve - Public Works Facilities	-	-	-	(117,014)	(117,014)	-	(117,014)
Reserve Winter Mtce - Major Storm	-	-	-	(82,000)	(82,000)	(30,000)	(112,000)
Reserve - Storm Water	-	-	-	(20,693)	(22,539)	-	(22,539)
Reserve - Roads Safety Devices	-	-	-	(12,000)	(12,000)	-	(12,000)
Reserve - Tree Planting	-	-	-	(15,000)	(30,000)	-	(30,000)
Reserve - Rural Water Services	(4,144)	(4,144)	(4,144)	(4,144)	(4,144)	-	(4,144)
Reserve - Fuel	-	-	-	(25,000)	(25,000)	(25,000)	(50,000)
Reserve - PW Generator	-	-	-	-	(24,480)	-	(24,480)
Total	(277,143)	(376,143)	(530,143)	(1,020,350)	(938,825)	(130,000)	(1,068,825)

RECREATION SERVICES & FACILITIES

Reserve - Recreation Software	-	-	(15,000)	(30,000)	(48,000)	-	(48,000)
Reserve - Bldg Lifecycle Study	-	-	(30,000)	(50,000)	(19,567)	-	(19,567)
Reserve - Arena	(48,123)	(4,123)	(4,123)	(4,123)	(4,123)	-	(4,123)
Reserve - Multi Use Facility	(271)	(271)	(271)	(271)	(271)	-	(271)
Reserve - NDCC McNeil Hall Equipment	-	-	(25,000)	(2,218)	(2,218)	-	(2,218)
Reserve - Facilities Capital Fee	-	-	(8,117)	(35,092)	(61,468)	-	(61,468)
Reserve - Facilities	-	-	-	(5,240)	(125,240)	(75,000)	(200,240)
Reserve - Lang Lease Funds	-	-	-	(26,000)	(26,000)	-	(26,000)
Reserve - NDCC Water Fountains (Region Grant)	-	-	-	(3,375)	(3,375)	-	(3,375)
Reserve - New Public Library Ayr Don	(63,395)	(63,395)	(63,395)	(63,395)	(63,395)	-	(63,395)
Reserve - Parks - Trails	-	(16,964)	(3,940)	(3,940)	(3,940)	-	(3,940)
Reserve - Parks Equipment (Rolling Stock)	-	-	(29,563)	(24,563)	(69,259)	-	(69,259)
Reserve - Victoria Park Washrooms	-	-	(750)	(1,500)	(2,250)	-	(2,250)
Reserve - Centennial Pk Lights (Cowan)	-	-	-	(5,000)	(5,000)	-	(5,000)
Reserve - Recreation Furniture	-	-	-	-	(12,125)	-	(12,125)
Reserve - Transportation Cycling Route Study	-	-	-	-	(11,500)	-	(11,500)
Reserve - BMX Skateboard Park	-	-	-	-	(6,135)	-	(6,135)
Total	(111,790)	(84,754)	(180,160)	(254,717)	(463,866)	(75,000)	(538,866)

Township of North Dumfries
G- Reserve Analysis

2014 Balance 2015 Balance 2016 Balance 2017 Balance 2018 Balance 2019 Transfers From 2018 2019 Opening

PLANNING

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Reserve - L.A.C.A.C.	(5,972)	(5,972)	(8,012)	(8,308)	(9,378)		(9,378)
Reserve - Planning - Hearing	-	(19,000)	(19,000)	(19,000)	(19,000)		(19,000)
Reserve - Heritage Unspent Funds	-	(4,186)	(4,186)	(186)	(186)		(186)
Reserve - Internet Broadband	-	-	(53,000)	(53,000)	(29,261)		(29,261)
Reserve - Broadband - Enbridge Grant	-	-	-	(20,000)	-		-
Reserve - Planning Consultant	-	-	(60,000)	(75,000)	(85,000)	(30,000)	(115,000)
Reserve - Land Sales	-	-	-	-	(542,890)		(542,890)
	(5,972)	(29,158)	(144,199)	(175,495)	(685,714)	(30,000)	(715,714)
Total Non Obligatory Reserves	(1,659,087)	(1,716,183)	(2,128,923)	(4,844,601)	(5,691,680)	(493,697)	(6,185,377)

TRUSTS, RESERVE FUNDS, DEFERRED REVENUES

Deferred Revenue

AMO Federal Gas Tax- Deferred Revenue	(261,057)	(544,605)	(832,804)	(1,133,844)	(605,587)		(605,587)
Deferred Revenue AMO Main St Grant 2018	-	-	-	-	(47,102)		(47,102)
Grants Deferred	-	-	(17,466)	(19,415)	(17,466)		(17,466)
OCIF Grant - Deferred Revenue	-	-	-	(50,494)	-		-
Deferred Revenue - Fee Deposits	-	-	-	-	(2,572)		(2,572)
	(261,057)	(544,605)	(850,270)	(1,203,753)	(672,727)	-	(672,727)

Development Charges - Legislated Reserve Funds

Dev. Charges - General Admin	(7,017)	(14,596)	(23,397)	(33,258)	(35,503)		(35,503)
Dev. Charges - Fire Services	(13,100)	(17,833)	(63,624)	(114,299)	(124,599)		(124,599)
Dev. Charges - Public Works	(264,252)	(335,466)	(503,771)	(655,220)	(698,589)		(698,589)
Dev. Charges - Parks And Recreation	(152,123)	(106,568)	(416,870)	(569,418)	(446,617)		(446,617)
Dev. Charges - Library Development	(3,688)	(6,105)	(6,105)	(6,171)	(6,317)		(6,317)
Dev. Charges - Parking	-	-	(2,969)	(6,294)	(6,937)		(6,937)
Dev. Charges - Protection--Development Charge- Pro	-	-	-	-	-		-
Dev. Charge -Township Wide Engineering	-	-	-	-	-		-
Dev. Charges - Roads Development	(324)	(327)	-	-	-		-
	(440,504)	(480,896)	(1,016,736)	(1,384,660)	(1,318,561)	-	(1,318,561)

Legislated (Obligatory) Reserve Funds

Parkland Dedication	(109,079)	(157,177)	(267,451)	(203,840)	(260,813)		(260,813)
Reserve - Building Department Surplus	-	(12,697)	(304,829)	(547,088)	(444,191)		(444,191)
	(109,079)	(169,874)	(572,280)	(750,928)	(705,004)		(705,004)

Trusts

Griffin H. - Estate Trust	(170,710)	(170,710)	(170,710)	(170,710)	(170,710)		(170,710)
Ayr Bia Accounts Payable	(4,367)	(4,367)	(4,367)	(4,367)	(4,367)		(4,367)
Friends of Ayr Library Trust	-	-	-	-	(28,152)		(28,152)
	(175,077)	(175,077)	(175,077)	(175,077)	(175,077)	-	(175,077)

Total Trusts, Reserve Funds, Deferred Revenues	\$ (985,716)	\$ (1,370,453)	\$ (2,614,363)	\$ (3,514,418)	\$ (2,871,369)	\$ -	\$ (2,871,369)
-	\$ (2,644,803)	\$ (3,086,635)	\$ (4,743,286)	\$ (8,359,019)	\$ (8,563,049)	\$ (493,697)	\$ (9,056,746)

Financial Statements

Reserves Set Aside for Purpose By Council - Page 19

Current Purposes	2,355,558
Capital Purposes	3,780,313
	6,135,871
Obligatory Reserve Funds - Page 25	2,184,961
Other Deferred Revenues - See	
AMO Main Street Grant	47,102
Source Water Protection Fund	17,466
Refundable Fee Deposits	2,572
	67,140
Trust Funds - Separate Financial Statement	175,077
	8,563,049

**THE CORPORATION OF THE TOWNSHIP OF NORTH DUMFRIES
BY-LAW NUMBER 3086-19**

BEING A BY-LAW TO CONFIRM THE PROCEEDINGS OF COUNCIL ORIENTATION – LONG TERM CAPITAL FORECAST OF THE CORPORATION OF THE TOWNSHIP OF NORTH DUMFRIES AT THIS MEETING HELD ON THE 14th DAY OF AUGUST, 2019.

AUTHORITY: Municipal Act, 2001, S.O. 2001, c. 25, as amended, Sections 5(3) and 130.

WHEREAS the Municipal Act, 2001, S.O. 2001, c.25, as amended, Section 5(3), provides that the jurisdiction of every council is confined to the municipality that it represents and its powers shall be exercised by by-law.

WHEREAS Subsection 9 of the Municipal Act, 2001 provides that a municipality has the capacity, rights, powers and privileges of a natural person for the purpose of exercising its authority under this or any other Act;

AND WHEREAS the Municipal Act, 2001, S.O. 2001, c.25, as amended, Section 130 provides that every council may pass such by-laws and make such regulations for the health, safety and well-being of the inhabitants of the municipality in matters not specifically provided for by this Act and for governing the conduct of its members as may be deemed expedient and are not contrary to law.

NOW THEREFORE THE COUNCIL OF THE CORPORATION OF THE TOWNSHIP OF NORTH DUMFRIES ENACTS AS FOLLOWS:

1. That the action of the Council at its Council Orientation – Long Term Capital Forecast held on August 14, 2019 in respect to each report, motion, resolution or other action passed and taken by the Council at its meeting, is hereby adopted, ratified and confirmed, as if each resolution or other action was adopted, ratified and confirmed by separate by-law.
2. That the Mayor and the proper officers of the Township are hereby authorized and directed to do all things necessary to give effect to the said action, or to obtain approvals where required, and, except where otherwise provided, the Mayor and the Clerk are hereby directed to execute all documents necessary in that behalf and to affix the corporate seal of the Township to all such documents.

READ A FIRST, SECOND AND THIRD TIME AND FINALLY PASSED THIS 14th DAY OF AUGUST, 2019.

Susan Foxtton, Mayor

Ashley Sage, Clerk