

Municipality of Chatham-Kent
Infrastructure and Engineering Services
Engineering and Transportation Division

To: Mayor and Members of Council

From: Adam Sullo, P.Eng.
Director, Engineering and Transportation

Date: December 20, 2017

Subject: 2018 Capital Budget

Recommendations

It is recommended that:

1. The 2018 Capital Projects, as outlined in Appendix A, be approved.
2. The Capital Projects, as outlined in Appendix B, be deferred to future Capital Budget consideration in 2018 or later.

Background

The Budget Committee considered lifecycle expenditures during the 2018 budget deliberation process. These expenditures form part of the approved 2018 Lifecycle Budget. The capital portion of the Lifecycle Budget sets out construction and special projects from all departments not normally considered in, nor presently part of a specific lifecycle program or other special program. The Capital Budget attempts to provide some strategic direction and forecasting of projects on a long-term basis. The Capital Budget was increased in 2017 to \$5,836,000, and is assumed to be increasing to \$5,960,000 in 2018.

Comments

The Capital Budget is compiled for all departments by Infrastructure and Engineering Services and reviewed with the staff of Infrastructure and Engineering Services, Community Development, Community Human Services, Finance, Budget and Information Technology Services (FBIS) and the Director, Budget and Performance Services before being presented to the Executive Management Team (EMT). All Capital Projects have been ranked according to the five budget ranking criteria:

- Sustainability
- Impact to CK-Community
- Strategy

- Risk
- Impact to Ward/User Community

As in past Capital Budgets, timing of projects was adjusted based on ability to defer or overall readiness.

Appendix A identifies the proposed 2018 capital projects in the amount of \$5.960M and in ranked order. A brief explanation has been included to identify the project and the stage of the project, that is whether it is at a design and build status, etc. Appendix B identifies projects that are currently either not funded or partially funded and are deferred until 2019 or later for consideration in annual Capital Budgets.

The projection for future funding between 2018 and 2026 is included in each of the appendices. The current projected funds for existing projects required between 2018 and 2026 is \$65,558,000. The projected funds only includes items that are currently on the Capital Budget list. There are a number of projects which are in the early planning stages which will be added onto the Capital Budget at a later date.

The 2018 net project expenditures include:

2018 Capital Projects	
Department	Net Amount
Community Human Services	\$ 335,000
Community Development	\$ 1,180,000
Infrastructure & Engineering Services	\$ 4,445,000
Total	\$5,960,000

Alternative revenue sources for each project include senior levels of Government, Public Utility Commission, base Lifecycle Budgets, external agencies, local improvement assessment recoveries and reserves. These revenue sources have been identified where applicable. The management of each project is the responsibility of the department noted.

Engineering and Transportation and FBIS Departments will be meeting once the 2017 financial year has been updated. At that time the projects completed under past years Capital Budgets will be reviewed to determine if there are any remaining funds to be re-allocated. Those funds will be re-allocated under the 2019 Capital Budget report to be delivered next year at this time.

Areas of Strategic Focus and Critical Success Factors

The recommendations in this report support the following areas of strategic focus:

Economic Prosperity:

Chatham-Kent is an innovative and thriving community with a diversified economy

A Healthy and Safe Community:

Chatham-Kent is a healthy and safe community with sustainable population growth

People and Culture:

Chatham-Kent is recognized as a culturally vibrant, dynamic, and creative community

Environmental Sustainability:

Chatham-Kent is a community that is environmentally sustainable and promotes stewardship of our natural resources

The recommendations in this report support the following critical success factors:

Financial Sustainability:

The Corporation of the Municipality of Chatham-Kent is financially sustainable

Open, Transparent and Effective Governance:

The Corporation of the Municipality of Chatham-Kent is open, transparent and effectively governed with efficient and bold, visionary leadership

Has the potential to support all areas of strategic focus & critical success factors

Neutral issues (does not support negatively or positively)

Consultation

The Executive Management Team and Senior Management Team provided input on any new projects to be added to the Capital Budget list for ranking.

Financial Implications

The current capital funding is \$5,960,000. The funding will be allocated as noted in the recommendations. Projects associated with the capital funding will be tendered or quotations received and individual reports will come back to Council for subsequent review and approval as per the Municipal Purchasing Policy.

Prepared by:

Reviewed by:

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- General Manager, Finance, Budget & Information Technology Services
- Director, Finance, Budget and Information Technology Services
- Director, Budget and Performance Services
- Fire Chief, Fire and Emergency Services
- General Manager, Infrastructure and Engineering Services
- Chief Legal Officer, Legislative Services

Attachment(s): Appendix A 2018 Proposed Capital Projects
 Appendix B Capital Projects Deferred after 2018

P:\RTC\Infrastructure and Engineering\I & ES\2018\3972 - 2018 Capital Budget

2018 Proposed Capital Projects											Appendix A
Rank	Dept	Division	Project Name	Project Location 1	Explanation	Gross '000	Rev '000	Carry Over Budget, Prior Years '000	2018 Net Capital	Future Net Capital Projects 2018 to 2026 '000	
2	CD	Fire	Radio Equipment Update	CK	Replace Radio equipment for Police, Fire and Public Works	\$ 650		\$ -	\$ 650	\$ -	
3	IES	Public Works	LED Ornamental Conversion	CK	Conversion of 3500 ornamental streetlights to LED	\$ 2,000	\$ 500	\$ -	\$ 750	\$ 750	
4	IES	Roads	Capital (new) Bloomfield Rd.	Bloomfield Road, Riverview to Richmond Chatham	Reconstruction and Third Lane (design & build) Conform to Western Transportation Link EA	\$ 6,260	\$ 5,310	\$ 200	\$ 750	\$ -	
7	CD	Municipal Governance	Chatham-Kent Animal Shelter	Chatham	new build to replace current shelter at 405 Park Ave E, Chatham	\$ 1,500	\$ 1,000	\$ 250	\$ 250	\$ -	
8	IES	Roads	Erieau Road from Village to Bisnett Line	Erieau	Structural Improvements	\$ 1,400	\$ 500	\$ 100	\$ 800	\$ -	
11	IES	Roads	Capital (new) Riverview Line Slope Stabilization	7146 Riverview Line West of Bloomfield Raleigh Twp.	Slope Stabilization - Design Underway & Construction Estimate Pending	\$ 600	\$ -	\$ -	\$ 100	\$ 1,120	
17	CD	Clerk	Electronics Records Management	CK	Moving the organization towards Electronic Records Management	\$ 2,000		\$ -	\$ 200	\$ 1,800	
27	HS	Cemeteries	Cemetery Road Improvements	All Cemeteries	Repair to access roadways in CK Cemeteries	\$ 1,950	\$ -	\$ 600	\$ 300	\$ 1,050	
28	CD	Fire	Live Fire Training Unit	CK	Purchase of unit	\$ 80	\$ -	\$ -	\$ 80	\$ -	
29	IES	Engineering	Victoria Ave Reconstruction	Chatham	Reconstruction of Victoria Ave between McNaughton and Thames Street in 2022	\$ 6,615	\$ 2,000	\$ -	\$ 800	\$ 3,815	
31	IES	Public Works	Dover Garage Wash Bay	Dover	Add new vehicle wash bay to an existing building at the Public Works Dover garage	\$ 150	\$ 50	\$ -	\$ 100	\$ -	
32	IES	Sidewalks	Sidewalks/Locals	Chatham-Kent	Council Policy Initiative - New Sidewalks on Arterials and Collectors (multi year project), Safe Route to School	\$ 3,661	\$ -	\$ 900	\$ 300	\$ 2,461	
33	HS	Riverview Gardens	Garage Expansion	Chatham	Increase Storage space at facility	\$ 35		\$ -	\$ 35	\$ -	
36	IES	Public Works	Storage for Water Parts Harwich	Harwich	Harwich Garage build a lean to at MTO for storage of water parts	\$ 100		\$ -	\$ 100	\$ -	
37	IES	Public Works	Storage for Water Parts Tilbury	Tilbury	Tilbury Garage build a lean to at MTO for storage of water parts	\$ 100		\$ -	\$ 100	\$ -	
39	IES	Roads	Talbot Trail Relocation	Talbot Trail	Road Relocation Design & Build	\$ 180	\$ -	\$ -	\$ 180	\$ -	
43	IES	Transportation	Traffic & Lighting	Middle Line, Charing Cross	Intersection Improvements	\$ 175	\$ -	\$ 150	\$ 25	\$ -	
44	IES	Transportation	Traffic & Lighting	Keil Trail and McNaughton, Chatham	Roundabout / Signals	\$ 1,200	\$ -	\$ -	\$ 440	\$ 760	
						\$28,656	\$9,360	\$2,200	\$5,960	\$11,756	

Capital Projects Deferred After 2018											Appendix B
Rank	Dept	Division	Project Name	Project Location 1	Explanation	Gross '000	Rev '000	Carry Over Budget, Prior Years '000	2018 Net Capital	Future Net Capital Projects 2018 to 2026 '000	
1	IES	Roads	Rose Beach Line, Slope Stabilization	12255 Rose Beach Line, Howard Twp.	Slope Failure - Design & Construction	\$ 1,700	\$ -	\$ 1,240	\$ -	\$ 460	
5	IES	Public Works	New Chatham PW Garage	Chatham	Build new building for the Public Works Chatham water Crew at the Hyslop yard location	\$ 1,500		\$ -	\$ -	\$ 1,500	
6	IES	Downtown	McGregor Creek Seawall Repair	Chatham	King Street, Fifth to Sixth, (Boardwalk Development & McGregor Creek Seawall Repair - design & build)	\$ 1,037	\$ 599	\$ 438	\$ -	\$ -	
9	IES	Asset Mngt	Review of Corporate Facilities	Chatham-Kent	Contingency - asset rationalization project and office/security upgrades	\$ 300	\$ -	\$ 100	\$ -	\$ 200	
10	IES	Roads	Border Road Relocation, slope failure	Border Road Relocation, Dover Twp.	Relocate Road due to Slope Failures (project funding over 2 years - design & build)	\$ 1,355	\$ -	\$ 355	\$ -	\$ 1,000	
11	IES	Roads	Riverview Line Slope Stabilization	6800 Riverview Line between Dillon Road and Prairie Siding Bridge, Raleigh Twp.	Slope Stabilization - Design Underway & Construction Estimate Pending	\$ 1,270	\$ -	\$ 150	\$ -	\$ 1,120	
13	HS	Library Services	Library Lane Upgrade	Chatham	Library Lane improvements, along with parking and sidewalks	\$ 150		\$ -	\$ -	\$ 150	
14	HS	Community Services	Tweedsmuir Block Memorial Arena Sport Facility Upgrades	Tweedsmuir Ave., Chatham	Memorial Arena/Tweedsmuir Block Facility Upgrades	\$ 750	\$ -	\$ -	\$ -	\$ 750	
15	IES	Engineering	Western Link EA Phase 1 - Bridge Construction	Chatham	Construction of the first phase of the Western Link EA - Bloomfield Road Bridge and associated road work in 2033	\$ 18,000	\$ -	\$ -	\$ -	\$ 18,000	
16	IES	Transportation	LED Traffic Conversion	All Areas	Long Term Cost Savings Proposal	\$ 1,000	\$ -	\$ 250	\$ -	\$ 750	
18	HS	Recreation Facilities	Rec Facilities	Chatham-Kent	Provision for Implementing Parks Master Plan (3 year provision)	\$ 900	\$ -	\$ -	\$ -	\$ 900	
19	IES	Downtown	Renew Streetscape / Design	Chatham	King Street, Third to William Plus Fourth St, Entire Downtown Revitalization (design costs for estimate)	\$ 421		\$ 421	\$ -	\$ -	
20	HS	Parks	Seawalls	Mitchell's Bay Marina	Review of Required Seawall Repairs Due to Low Water Levels	\$ 182	\$ -	\$ 132	\$ -	\$ 50	
21	IES/CD	Public Works	Airport Hanger 6 Fire Station Conversion	Chatham (twp)	Convert existing aircraft and training hangar to a fire station	\$ 250		\$ -	\$ -	\$ 250	
22	HS	Parks	Parks, Cem, Hort	Chatham, Tecumseh Park	Archeological Survey, Required Prior to Redevelopment	\$ 1,046	\$ -	\$ -	\$ -	\$ 1,046	
23	HS	Library	Chatham Central Library Property Purchase, Renovations and Expansion	Queen St., Chatham	Master plan provision - expansion, funding over 4 years	\$ 3,756	\$ -	\$ 50	\$ -	\$ 3,706	
24	IES	PW	Ridgetown Garage Water Pressure	Ridgetown	Lack of water pressure at garage limits operational requirements	\$ 75	\$ -	\$ -	\$ -	\$ 75	
25	HS	Parks	Seawall	Chatham Legion Park	Legion Park Seawall Repairs	\$ 2,357	\$ -	\$ 350	\$ -	\$ 2,007	
26	IES	Roads	Capital (new)/Seawall	Sydenham River, Bridgen Road Seawall, Chatham Twp.	Sydenham Seawall Repairs	\$ 450	\$ -	\$ -	\$ -	\$ 450	
30	IES	Public Works	Salt Storage - Kent Centre	Harwich	Build a new Salt Shed at Kent Centre Garage	\$ 400	\$ -	\$ -	\$ -	\$ 400	

Capital Projects Deferred After 2018											Appendix B
Rank	Dept	Division	Project Name	Project Location 1	Explanation	Gross '000	Rev '000	Carry Over Budget, Prior Years '000	2018 Net Capital	Future Net Capital Projects 2018 to 2026 '000	
34	IES	Roads	Baldoon Road Reconstruction	Valencia Drive to Gregory Drive	Reconstruction of Roadway, lowering and improvement to Urban Cross Section - Including Drain enclosure.	\$ 2,800	\$ -	\$ -	\$ -	\$ 2,800	
35	IES	Roads	Seventh Line Relocation	Bloomfield Business Park	Bloomfield Business Park Seventh Line Relocation	\$ 7,000	\$ 2,500	\$ -	\$ -	\$ 4,500	
38	HS	CALS	Thames River Trail	Chatham - Dover - Raleigh	One Lane Bike Trail	\$ 4,249	\$ 450	\$ 1,806	\$ -	\$ 1,993	
40	IES	Traffic	Traffic & Lighting	Queen St. @ Indian Creek Rd East, Chatham	All Way, Opposing Left Turns	\$ 750	\$ -	\$ -	\$ -	\$ 750	
41	HS	Parks	Parks, Cem, Hort	Chatham	NewSoccer Field Development to Replace Lost Thames Campus Fields	\$ 325	\$ -	\$ -	\$ -	\$ 325	
42	IES	Traffic	Traffic & Lighting	Park Ave. @ Creek/Sass, Chatham	Signals & Intersection Improvements or Roundabout	\$ 800	\$ -	\$ -	\$ -	\$ 800	
45	IES	Roads	Drake Road Slope Stabilization	Drake Road, Raleigh Twp	Drake Road Slope Protection - Design	\$ 150	\$ -	\$ -	\$ -	\$ 150	
46	IES	Roads	Dillon Road Slope Stabilization	Dillon Road, Raleigh Twp.	Dillon Road Slope Protection - Design	\$ 150	\$ -	\$ -	\$ -	\$ 150	
47	IES	Roads	St. Phillippe Line Slope Stabilization	St. Phillippe Line, Dover Twp.	St. Phillippe Slope Protection - Design	\$ 150	\$ -	\$ -	\$ -	\$ 150	
48	IES	Traffic	Traffic & Lighting	Lacroix St. @ Tweedsmuir, Chatham	East, West Turn Lanes	\$ 700	\$ -	\$ -	\$ -	\$ 700	
49	HS	Community Services	Keil Dr. Soccer Washroom Construction	Keil Drive, Chatham, Non-Municipal Property	Washroom Constuction	\$ 400	\$ -	\$ -	\$ -	\$ 400	
50	HS	Library	Ridgetown Library Renovations and Expansion	Ridgetown	Ridgetown Master Plan Provision - Renovations & Expansion	\$ 1,200	\$ -	\$ -	\$ -	\$ 1,200	
51	HS	Library	Tilbury Library Renovations and Expansion	Tilbury	Tilbury Master Plan Provision - Renovations & Expansion - Funding over 2 Years	\$ 1,200	\$ -	\$ -	\$ -	\$ 1,200	
52	HS	Library	Wallaceburg Library Renovations and Expansion	Wallaceburg	Wallaceburg Master Plan Provision - Renovations & Expansion	\$ 500	\$ -	\$ 75	\$ -	\$ 425	
53	HS	Library	Dresden Library Renovations and Expansion	Dresden	Dresden Master Plan Provision - Renovations & Expansion	\$ 1,200	\$ -	\$ -	\$ -	\$ 1,200	
54	HS	Library	Blenheim Library Renovations and Expansion	Blenheim	Blenheim Master Plan Provision - Renovations & Expansion - Funding over 2 Years	\$ 1,954	\$ -	\$ -	\$ -	\$ 1,954	
55	IES	Transportation	Signal Updgrades and Intersection Illumination - Grand Avenue West at Bear Line	Signal Updgrades and Intersection Illumination - Grand Avenue West at Bear Line, Dover	Realignment of Intersection and Upgrades to Illumination and Signals	\$ 300	\$ -	\$ -	\$ -	\$ 300	
56	HS	CALS	Parc Royale Development	PainCourt	Park Development	\$ 150	\$ -	\$ -	\$ -	\$ 150	
57	IES	Roads	Lyon Ave Extension	Tilbury	Connecting Lyon Ave at Sundance - Feasibility Review	\$ 441	\$ -	\$ -	\$ -	\$ 441	
58	IES	Roads	Fargo Road Upgrade to Safety Village	Community of Harwich	Upgrade of roadways to either tar & chip or asphalt	\$ 1,400	\$ -	\$ -	\$ -	\$ 1,400	
						\$62,718	\$3,549	\$5,367	\$0	\$53,802	
										\$5,960,000	