

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

TO: Mayor and Members of Council

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

DATE: January 3, 2017

SUBJECT: 2017 Capital Budget

Recommendations

It is recommended that:

1. The 2017 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.
3. The Capital Projects, as outlined in Appendix C commence or continue implementation.

Background

The Budget Committee considered lifecycle expenditures during the 2017 budget deliberation process. These expenditures form part of the approved 2017 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 2015 to \$5,743,000. It is recommended under the 2017 budget that the Capital Budget be increased to \$5,843,000.

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, Health and Family 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 2017 capital projects in the amount of \$5.843M 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 deferred until 2018 or later for consideration in annual Capital Budgets moving forward. Appendix C outlines the projects which are either currently partially or fully funded and are in the delivery process.

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 \$62,784,000. 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. These include, but are not limited Southeast Wallaceburg Stormwater Improvements.

The 2017 net project expenditures include:

2017 Capital Projects	
<u>Department</u>	<u>Net Amount</u>
Fire and Emergency Services	\$ 1,421,000
Legislative Services	\$ 250,000
Community Development	\$ 2,391,000
Infrastructure & Engineering Services	\$ 1,781,000
Total	\$5,843,000

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 department noted.

Engineering and Transportation and FBIS Departments will be meeting once the 2016 financial year has been updated. At that time the projects completed under past years Capital Budgets will reviewed to determine if there are any remaining funds to be re-allocated. Those funds will be re-allocated under the 2018 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 adjusted and approved is \$5,843,000. 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.

If the \$100,000 increase to the Capital Budget for 2017 is not approved then the equal amount of funds will be removed from item 12 in Appendix A.

Prepared by:

Reviewed by:

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- c. General Manager, Community Development
- 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

Attachments:

- Appendix A 2017 Proposed Capital Projects
- Appendix B Capital Projects Deferred After 2018
- Appendix C Approved Active Projects

(RTC: \Infrastructure and Engineering\I&ES\2017\ 3875– 2017 Capital Budget.docx)

2017 Proposed Capital Projects

2017 Proposed Capital Projects										Appendix A	
Rank	Dept	Division	Project Name	Project Location 1	Explanation	Gross '000	Rev '000	Carry Over Budget, Prior Years '000	2017 Net Capital	Future Net Capital Projects 2018 to 2026 '000	
5	CD	CALS	Wallaceburg Boardwalk Repairs	Wallaceburg	Repair to shoreline boardwalk areas to reduce trip hazards and maintain seawall	\$ 250	\$ -	\$ -	\$ 250	\$ -	
7	IES	Roads	Richmond Street Improvements	Richmond Street (Kail Drive to Bloomfield Road), Chatham	Add Fifth Lane (project funding over multiple years), Phase I Kail to Irwin 2016	\$ 2,708	\$ 772	\$ 810	\$ 1,126	\$ -	
8	LS	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	
12	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	
16	FES	Fire Department	High Pressure SCBA (Self Contained Breathing Apparatus)	Chatham-Kent	High Pressure SCBA (Self Contained Breathing Apparatus)	\$ 2,272	\$ -	\$ 1,064	\$ 1,208	\$ -	
30	CD	Parks	Seawall	Chatham Legion Park	Seawall Repairs	\$ 2,357	\$ -	\$ 407	\$ 150	\$ 1,800	
32	CD	Cemeteries	Cemetery Road Improvements	All Cemeteries	Repair to access roadways in CK Cemeteries	\$ 1,950	\$ -	\$ 300	\$ 300	\$ 1,350	
33	CD	CALS	Mitchell's Bay Main Street Seawall	Mitchell's Bay	Repair to shoreline protection at end of Main Street in Mitchell's Bay - initial assessment and design	\$ 100	\$ -	\$ -	\$ 100	\$ -	
36	CD	FES	EMS Emergency Mobile Data Terminals	Chatham-Kent	Data Terminal Hardware, licensing, software for EMS Vehicles	\$ 135	\$ 135	\$ -	\$ -	\$ -	
38	IES	Public Works	Airport Gas Tank Expansion	Raleigh	Expansion to jet fuel tanks at airport. Jet fuel sales are a revenue item.	\$ 50	\$ 50	\$ -	\$ -	\$ -	
39	CD	FES	Public Access Defibrillator and CPR Program	Chatham-Kent	Purchase of public access defibrillators and training	\$ 65	\$ -	\$ -	\$ 65	\$ -	
40	IES	Sidewalks	Sidewalks/Locals	Chatham-Kent	Council Policy Initiative - New Sidewalks on Arterials and Collectors (multi year project), Safe Route to School	\$ 3,661	\$ -	\$ 661	\$ 300	\$ 2,700	
43	CD	FES	PPE at Washer/Dryer Stations	Tibury/Thamesville	Installation of personal protective equipment at volunteer fire stations	\$ 48	\$ -	\$ -	\$ 48	\$ -	
44	CD	Community Services	Grand Ave Minor Soccer Fields Washroom Construction	Grand Avenue, Chatham	Washroom Construction	\$ 410	\$ 110	\$ 60	\$ 240	\$ -	
46	CD	FES	Emergency Support, lab, event and incident command trailer	Chatham-Kent	Purchase of Emergency support trailer for disaster management, community events and ems on-site clinic	\$ 100	\$ -	\$ -	\$ 100	\$ -	
48	CD	CALS	Thames River Trail	Chatham - Dover - Raleigh	One Lane Bike Trail	\$ 4,249	\$ 450	\$ 530	\$ 1,276	\$ 1,993	
67	CD	Library	Wallaceburg Library Renovations and Expansion	Wallaceburg	Master Plan Provision - Renovations & Expansion	\$ 500	\$ -	\$ -	\$ 75	\$ 425	
						\$21,710	\$2,517	\$3,852	\$5,843	\$9,518	

Capital Projects Deferred After 2018

Capital Projects Deferred After 2018							Appendix B	
Rank	Dept	Division	Project Name	Project Location 1	Explanation	Gross '000	Rev '000	Future Net Capital Projects 2018 to 2026 '000
17	CD	Community Services	Tweedsmuir Block Memorial Arena Sport Facility Upgrades	Tweedsmuir Ave., Chatham	Memorial Arena/Tweedsmuir Block Facility Upgrades	\$ 750	\$ -	\$ 750
19	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
22	CD	Recreation Facilities	Rec Facilities	Chatham-Kent	Provision for Implementing Parks Master Plan (3 year provision)	\$ 900	\$ -	\$ 900
26	CD	Parks	Parks, Cem, Hort	Chatham, Tecumseh Park	Archeological Survey, Required Prior to Redevelopment	\$ 1,046	\$ -	\$ 1,046
31	IES	Roads	Capital (new)/Seawall	Sydenham River, Bridgen Road Seawall, Chatham Twp.	Seawall Repairs	\$ 450	\$ -	\$ 450
35	IES	Engineering	Victoria Ave Reconstruction	Chatham	Reconstruction of Victoria Ave between McNaughton and Thames Street in 2022	\$ 6,615	\$ 2,000	\$ 4,615
42	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
49	IES	Roads	Talbot Trail Relocation	Talbot Trail	Road Relocation Design & Build	\$ 180	\$ -	\$ 180
51	CD	FES	Utility Terrain Vehicle	Chatham-Kent	Purchase of UTV for purpose of reaching remote areas	\$ 50	\$ -	\$ 50
52	IES	Traffic	Traffic & Lighting	Queen St. @ Indian Creek Rd East, Chatham	All Way, Opposing Left Turns	\$ 750	\$ -	\$ 750
55	CD	Parks	Parks, Cem, Hort	Chatham	New Soccer Field Development to Replace Lost Thames Campus Fields	\$ 325	\$ -	\$ 325
56	IES	Traffic	Traffic & Lighting	Park Ave. @ Creek/Sass, Chatham	Signals & Intersection Improvements or Roundabout	\$ 800	\$ -	\$ 800
59	IES	Transportation	Traffic & Lighting	Keil Trail and McNaughton, Chatham	Roundabout / Signals	\$ 1,200	\$ -	\$ 1,200
60	IES	Roads	Drake Road Slope Stabilization	Drake Road, Raleigh Twp	Slope Protection - Design	\$ 150	\$ -	\$ 150
61	IES	Roads	Dillon Road Slope Stabilization	Dillon Road, Raileight Twp.	Slope Protection - Design	\$ 150	\$ -	\$ 150
62	IES	Roads	St. Phillippe Line Slope Stabilization	St. Phillippe Line, Dover Twp.	Slope Protection - Design	\$ 150	\$ -	\$ 150

Capital Projects Deferred After 2018

Capital Projects Deferred After 2018							Appendix B	
Rank	Dept	Division	Project Name	Project Location 1	Explanation	Gross '000	Rev '000	Future Net Capital Projects 2018 to 2026 '000
63	IES	Traffic	Traffic & Lighting	Lacroix St. @ Tweedsmuir, Chatham	East, West Turn Lanes	\$ 700	\$ -	\$ 700
64	CD	Community Services	Keil Dr. Soccer Washroom Construction	Keil Drive, Chatham	Washroom Constuction	\$ 400	\$ -	\$ 400
65	CD	Library	Ridgetown Library Renovations and Expansion	Ridgetown	Master Plan Provision - Renovations & Expansion	\$ 1,200	\$ -	\$ 1,200
66	CD	Library	Tilbury Library Renovations and Expansion	Tilbury	Master Plan Provision - Renovations & Expansion Funding over 2 Years	\$ 1,200	\$ -	\$ 1,200
68	CD	Library	Dresden Library Renovations and Expansion	Dresden	Master Plan Provision - Renovations & Expansion	\$ 1,200	\$ -	\$ 1,200
69	CD	Library	Blenheim Library Renovations and Expansion	Blenheim	Master Plan Provision - Renovations & Expansion Funding over 2 Years	\$ 1,954	\$ -	\$ 1,954
70	IES	Public Works	Dresden Streetscape Park Improvement	Dresden	Installation of a water feature and garden in Downtown Dresden	\$ 45	\$ -	\$ 45
71	IES	Transportation	Signal Upgrades and Intersection Illumination - Grand Avenue West at Bear Line	Signal Upgrades and Intersection Illumination - Grand Avenue West at Bear Line, Dover	Realignment of Intersection and Upgrades to Illumination and Signals	\$ 300	\$ -	\$ 300
72	CD	CALS	Parc Royale Development	PainCourt	Park Development	\$ 150	\$ -	\$ 150
73	IES	Roads	Lyon Ave Extension	Tilbury	Connecting Lyon Ave at Sundance - Feasibility Review	\$ 441	\$ -	\$ 441
74	IES	Roads	Fargo Road Upgrade to Safety Village	Community of Harwich	Upgrade of roadways to either tar & chip or asphalt	\$ 1,400	\$ -	\$ 1,400
						\$43,306	\$2,000	\$41,306

Approved Active Projects not funded in 2017

Approved Active Projects not funded in 2017										Appendix C	
Rank	Dept	Division	Project Name	Project Location 1	Explanation	Gross '000	Rev '000	Carry Over Budget, Prior Years '000	Future Net Capital Projects 2016 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		
2	IES	Roads	Glasgow Line Slope Stabilization	Glasgow Line, Tupperville	Slope Stabilization - Design & Construction	\$ 100	\$ -	\$ 100	\$ -		
3	IES	Engineering	PXO Installation	Chatham-Kent	Installation of PXOs at form school guard crossings	\$ 318	\$ -	\$ 318	\$ -		
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	\$ 2,550	\$ -	\$ 200	\$ 2,350		
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	Roads	Grand Ave (McFarlane Relief)	Chatham (McFarlane Relief)	Drainage Improvements	\$ 50	\$ -	\$ 50	\$ -		
10	IES	Roads	Erieau Road from Village to Bisnett Line	Erieau	Structural Improvements	\$ 1,400	\$ 500	\$ 350	\$ 550		
11	IES	Asset Mngt	Review of Corporate Facilities	Chatham-Kent	Contingency - asset rationalization project and office/security upgrades	\$ 300	\$ -	\$ 100	\$ 200		
13	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		
14	IES	Roads	Capital (new) Riverview Line Slope Stabilization	7146 Riverview Line West of Bloomfield Raleigh Twp.	Slope Stabilization - Design Underway & Construction Estimate Pending	\$ 600	\$ -	\$ 25	\$ 575		
15	CD	Parks, Cemeteries & Hrt	Keil Soccer Field Drainage Repair	Keil Drive South, Chatham	Subsurface Drainage on playing area requires replacement	\$ 125	\$ -	\$ 125	\$ -		
18	IES	Roads	Connecting Links	Wallaceburg	Major Rehabilitation, McNaughton CSX R/R to South of BaseLine Rd	\$ 3,500	\$ 3,000	\$ 500	\$ -		
20	IES	Transportation	LED Traffic Conversion	All Areas	Long Term Cost Savings Proposal	\$ 1,000	\$ -	\$ 500	\$ 500		
21	IES	Transportation	Renewal of Downtown Transit Terminal	Downtown Transit Terminal Chatham	Renewal of Transit Terminal Chatham - Design and Construction	\$ 225	\$ 225	\$ -	\$ -		
23	IES	Downtown	Renew Streetscape / Design	Chatham	King Street, Third to William Plus Fourth St, Entire Downtown Revitalization (design costs for estimate)	\$ 1,671	\$ 250	\$ 1,421	\$ -		
24	CD	Parks	Seawall	Mitchell's Bay Marina	Review of Required Seawall Repairs Due to Low Water Levels	\$ 182	\$ -	\$ 132	\$ 50		
25	CD	Community Services	Chatham Pathway Replacement	Chatham	28km paved pathways in Chatham's park system replacement (Should be lifecycle?)	\$ 160	\$ -	\$ 160	\$ -		

Approved Active Projects not funded in 2017

Approved Active Projects not funded in 2017							Appendix C		
Rank	Dept	Division	Project Name	Project Location 1	Explanation	Gross '000	Rev '000	Carry Over Budget, Prior Years '000	Future Net Capital Projects 2018 to 2026 '000
27	IES	Roads	Environmental Assessment	Charing Cross Interchange	Transportation Environmental Study	\$ 300	\$ -	\$ 300	\$ -
28	CD	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
29	IES	Sidewalks	Sidewalks/Locals	Blenheim	Regent Street Road Local Improvement, Phase 2 Plus Storm Sewer - Design & Build	\$ 1,600	\$ -	\$ 221	\$ 1,379
34	CD	Parks, Cemeteries & Hort	Wallaceburg Riverview Cemetery - Mausoleum Repair	Wallaceburg, Chatham	Reconstruction Required to the Cemetery Mausoleum Due to Structural Damage and Water Infiltration	\$ 730	\$ -	\$ 730	\$ -
37	IES	Roads	Traffic Signals, Rt.TurnLn, Rd Resurf & WM Repl at Churchill	Chatham	Grand Avenue Rt.Turning Lane plus Resurfacing, Watermain & Traffic Signals	\$ 925	\$ 470	\$ 455	\$ -
41	IES	Roads	Erieau Causeway Riprap Rehabilitation	Erieau	Replace and Add New Stones on 400m of Sea Wall	\$ 45	\$ -	\$ 45	\$ -
45	IT	Information Tech	Garage Connectivity	Chatham-Kent	Connectivity Works Garages, Multi Year Funding	\$ 1,222	\$ -	\$ 322	\$ 900
47	CD	Parks, Cemeteries & Hort	Mitchell's Bay Marine Park Assessment	Mitchell's Bay Marina, Chatham	Complete Facilities Assessment to be Conducted to Confirm Park Infrastructure and Leaseholder's Responsibilities	\$ 55	\$ -	\$ 55	\$ -
50	IES	Transportation	Signal Upgrades - William Street at Park Street	William Street at Park Street, Chatham	Signal Upgrades - William Street at Park Street	\$ 250	\$ -	\$ 250	\$ -
53	CD	Parks	Parks, Cem, Hort	Chatham, Keil South	Continued Development - Minor Soccer Complex	\$ 150	\$ 150	\$ -	\$ -
54	CD	CALS	Master Plan Implementation Culture	Chatham	Master Plan Implementation	\$ 130	\$ -	\$ 130	\$ -
57	IES	Transportation	Traffic & Lighting	Queen St. and Park Ave.	Intersection Improvements	\$ 45	\$ -	\$ 45	\$ -
58	IES	Transportation	Traffic & Lighting	Middle Line, Charing Cross	Intersection Improvements	\$ 320	\$ -	\$ 150	\$ 170
						\$25,716	\$5,194	\$8,562	\$11,960