

**The District Municipality of Muskoka  
Engineering and Public Works Committee**

**Agenda**

**Meeting PW-8-2017  
Wednesday, August 23, 2017  
9:00 a.m.  
Council Chamber, District Administration Building**

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**1. Call to Order**

**2. Declaration of Pecuniary Interests**

**3. Oral Presentations (Deputations/Delegations)**

- a) Mitchell Shnier  
Proposed Hydro-electric Generating Station at the Bala Falls

THAT the request by Mitchell Shnier for leave to make a delegation/deputation with respect to the proposed hydro-electric generating station at the Bala Falls be granted.

**4. Transportation**

- a) Swift River Energy Ltd. Entrance and Licence of Occupation Permits  
Report PW-8-2017-10

Recommendation

This report is provided for information.

**5. Budgets and Financial Planning**

- a) Engineering and Public Works Department Rate Supported Operating Budget  
Variance Report – June 30, 2017  
Report PW-8-2017-1

Recommendation

THAT the Engineering and Public Works Department Rate Supported Operating Budget Variance Report as at June 30, 2017, **be received**.

- b) Engineering and Public Works Department Tax Supported Operating Budget  
Variance Report – June 30, 2017  
Report PW-8-2017-2

Recommendation

THAT the Engineering and Public Works Department Tax Supported Operating Budget Variance Report as at June 30, 2017, **be received**.

- c) Rate Supported Capital Project Quarterly Variance Report – June 30, 2017  
Report PW-8-2017-3

Recommendation

THAT the recommendations related to the individual Rate Supported Capital Budget projects, as summarized in the following table, **be adopted**:

	Total	Proposed	Proposed
	Amended	Amendment	Amended
	Budget		Budget
<b>411082 HV George St Sewer Repl (Wilmott to End)</b>			
Expenditures	\$380,000	\$50,000	\$430,000
Wastewater Capital Reserve Fund	(\$380,000)	(\$50,000)	(\$430,000)
<b>Total (Favourable)/Unfavourable Expenditure Amendments</b>		<b>\$50,000</b>	

- d) Tax Supported Capital Project Quarterly Variance Report – June 30, 2017  
Report PW-8-2017-4

Recommendation

THAT the recommendations related to the individual Tax Supported Capital Budget projects, as summarized in Schedule “A” to Report PW-8-2017-4, **be received**.

- e) Engineering Services Division Staff Complement  
Report PW-8-2017-11

Recommendation

THAT funds be included in the 2018 Draft Tax Supported Operating Budget for consideration to amend the Engineering Services Division staff complement to reflect the addition of one (1) full-time employee (FTE), Engineering and Design Technician 2, as outlined in Report PW-8-2017-11.

## 6. Award of Contract

- a) Award of Contract 17-313-168 for the Rehabilitation and Repairs of the Echo Lake Bridge on Muskoka Road 51 (Echo Lake Road) in the Township of Lake of Bays and the Baxter Lake Culvert on Muskoka Road 34 (White’s Falls Road) in the Township of Georgian Bay  
Report PW-8-2017-5

Recommendation (Delegated Decision)

That Contract 17-313-168 for the rehabilitation and repairs of the Echo Lake Bridge on Muskoka Road 51 (Echo Lake Road) in the Township of Lake of Bays

(Part "A") and the Baxter Lake Culvert on Muskoka Road 34 (White's Falls Road) in the Township of Georgian Bay (Part "B") **be awarded** to MTM-2 Contracting in the amount of \$241,050.00 (excluding HST), which is included in the 2017 Tax Supported Capital Budget and Forecast;

AND THAT permission **be granted** to temporarily close Muskoka Road 51 (Echo Lake Road) 4.2 km East of Muskoka Road 117 in the Township of Lake of Bays for a maximum of twelve (12) consecutive calendar days only (dates to be determined between October 16 and November 5, 2017) to accommodate the rehabilitation of the bridge;

AND THAT the 2017 Tax Supported Capital Budget and Forecast **be amended** as outlined in the following table:

<b>Project</b>	<b>Current Amended Budget</b>	<b>Proposed Amendment</b>	<b>Total Proposed Budget</b>
313057 GB MR 34 Repair Concrete Abutments & Deck #034019	\$135,000	\$36,000	\$171,000
311216 MR 23 Deerhurst Dr to Deerfoot Trail 3.1 km	\$600,000	(\$36,000)	\$564,000
313079 LB MR 51 Echo Lake Bridge Repair #051042	\$125,000	\$81,000	\$206,000
313093 ML MR 169 Black Lk Tributary Culvert CSP Repl #169211	\$250,000	(\$81,000)	\$169,000
<b>Total Expenditures</b>	<b>\$1,110,000</b>	<b>\$0</b>	<b>\$1,110,000</b>
<b>Sources of Financing</b>			
Roads Development Charges	\$30,000	(\$1,800)	\$28,200
Roads Capital	\$1,080,000	\$1,800	\$1,081,800
<b>Total Sources of Funding</b>	<b>\$1,110,000</b>	<b>\$0</b>	<b>\$1,110,000</b>

AND THAT subject to their satisfaction, the Commissioner of Engineering and Public Works and the Commissioner of Finance and Corporate Services **be authorized** to enter into and execute an agreement on behalf of the District of Muskoka.

- b) Award of Contract 17-313-169 for the Replacement of the Kawpawakog Twin Culverts on Muskoka Road 14 in the Town of Bracebridge  
Report PW-8-2017-6

Recommendation (Delegated Decision)

THAT Contract 17-313-169 for the replacement of the Kawpawakog Twin Culverts on Muskoka Road 14 (Fraserburg Road) located approximately 100 m north of Lorne Road, in the Town of Bracebridge **be awarded** to Premier North Construction in the amount of \$723,283.00 (excluding HST);

AND THAT the 2017 Tax Supported Capital Budget and Forecast be amended as outlined in the following table:

<b>Project</b>	<b>Current Amended Budget</b>	<b>Proposed Amendment</b>	<b>Total Proposed Budget</b>
313102 MR 14 Kawpakwakog Twin Culverts Replacement #014194		\$834,000	\$834,000
313081 DMM Culvert Replacement Program 2017	\$500,000	(\$500,000)	\$0
313050 DMM Culvert Replacement Program 2016	\$677,000	(\$250,000)	\$427,000
313093 ML MR 169 Black Lk Tributary Culvert CSP Repl #169211	\$169,000	(\$84,000)	\$85,000
<b>Total Expenditures</b>	<b>\$1,346,000</b>	<b>\$0</b>	<b>\$1,346,000</b>
<b>Sources of Financing</b>			
Roads Capital	\$1,346,000		\$1,346,000
<b>Total Sources of Funding</b>	<b>\$1,346,000</b>	<b>\$0</b>	<b>\$1,346,000</b>

AND THAT subject to their satisfaction, the Commissioner of Engineering and Public Works and the Commissioner of Finance and Corporate Services **be authorized** to enter into and execute an agreement on behalf of the District of Muskoka.

- c) Award of Contract 17-31-160-1 Part “B” for the Rehabilitation and Repair of South Beaver Creek Twin Culverts on Muskoka Road 19 in the Town of Gravenhurst  
Report PW-8-2017-7

Recommendation (Delegated Decision)

That Part “B” of Contract 17-313-160-1 for the rehabilitation and repairs to the South Beaver Creek Twin Culverts on Muskoka Road 19 (Beier’s Road) in the Town of Gravenhurst **be awarded** to Premier North Construction for the corrected bid amount of \$298,165.00 (excluding HST);

AND THAT the 2017 Tax Supported Capital Budget and Forecast **be amended** as outlined in the following table:

<b>Project</b>	<b>Current Amended Budget</b>	<b>Proposed Amendment</b>	<b>Total Proposed Budget</b>
313103 MR 19 South Beaver Creek Twin Culverts	\$0	\$379,000	\$379,000
316002 GB MR 11 Drainage - Mactier	\$400,000	(\$350,000)	\$50,000
313093 ML MR 169 Black Lk Tributary Culvert CSP Replace #169211	\$85,000	(\$29,000)	\$56,000
<b>Total Expenditures</b>	<b>\$485,000</b>	<b>\$0</b>	<b>\$485,000</b>
<b>Sources of Financing</b>			
Roads Capital	\$650,000		\$650,000
<b>Total Sources of Funding</b>	<b>\$650,000</b>	<b>\$0</b>	<b>\$650,000</b>

AND THAT subject to their satisfaction, the Commissioner of Engineering and Public Works and the Commissioner of Finance and Corporate Services **be**

**authorized** to enter into and execute an agreement on behalf of the District of Muskoka.

- d) Award of Contract 17-450-503 for the Repair and Remediation of the Chaffey Landfill Site located in the Town of Huntsville  
Report PW-8-2017-8

Recommendation (Delegated Decision)

THAT Contract 17-450-503 for site repair and remediation work at the Chaffey Landfill Site located in the Town of Huntsville **be awarded** to Fowler Construction Company Limited in the amount of \$327,207.68 (excluding HST), which is included in the 2017 Rate Supported Capital Budget and Forecast;

AND THAT the 2017 Rate Supported Capital Budget and Forecast **be amended** as outlined in the following table:

Project	Current Amended Budget	Proposed Amendment	Total Proposed Budget
<b>450085 Chaffey Landfill Remediation Plan Phase I</b>			
	\$406,000	\$37,000	\$443,000
<b>450083 Medora Landfill Closure Plan</b>			
	\$386,000	(\$37,000)	\$349,000
<b>Total Expenditures</b>	<b>\$792,000</b>	<b>\$0</b>	<b>\$792,000</b>
<b>Sources of Financing</b>			
Solid Waste Capital	\$792,000		<b>\$792,000</b>
<b>Total Sources of Funding</b>	<b>\$792,000</b>	<b>\$0</b>	<b>\$792,000</b>

AND THAT subject to their satisfaction, the Commissioner of Engineering and Public Works and the Commissioner of Finance and Corporate Services **be authorized** to enter into and execute an agreement on behalf of the District of Muskoka.

- e) Award of Contract 17-311-117 for Hot Mix Paving on Muskoka Road 8 (Limberlost Road) in the Township of Lake of Bays and Muskoka Road 30 (Walker's Point Road) in the Township of Muskoka Lakes  
Report PW-8-2017-9

Recommendation (Delegated Decision)

THAT Contract 17-311-117 for Hot Mix Paving on Muskoka Road 8 (Limberlost Road) in the Township of Lake of Bays and Muskoka Road 30 (Walker's Point Road) in the Township of Muskoka Lakes **be awarded** to Fowler Construction Company Limited in the amount of \$1,314,058.56 (excluding HST) which is included in the 2017 Tax Supported Capital Budget and Forecast;

AND THAT the 2017 Tax Supported Capital Budget and Forecast **be amended** as outlined in the following table:

Project	Current Amended Budget	Proposed Amendment	Total Proposed Budget
<b>311214 MR 8 from Hwy 60 to 1.5 km E of Upper Walker Lk Rd 4.4km</b>			
	\$850,000	(\$25,000)	\$825,000
<b>311215 MR 30 from Hwy 169 to Walker's Pt Rd 2.9 km</b>			
	\$600,000	\$25,000	\$625,000
<b>Total Expenditures</b>	<b>\$1,450,000</b>	<b>\$0</b>	<b>\$1,450,000</b>
<b>Sources of Financing</b>			
Roads Development Charges	\$72,500		<b>\$72,500</b>
Roads Capital	\$1,377,500		<b>\$1,377,500</b>
<b>Total Sources of Funding</b>	<b>\$1,450,000</b>	<b>\$0</b>	<b>\$1,450,000</b>

AND THAT subject to their satisfaction, the Commissioner of Engineering and Public Works and the Commissioner of Finance and Corporate Services **be authorized** to enter into and execute an agreement on behalf of the District of Muskoka.

## 7. Transportation Continued

- b) Speed Limit Analysis on Muskoka Road 117 in the Township of Lake of Bays (Grandview Lake Road to civic address 3580)  
Report PW-8-2017-12

Recommendation

WHEREAS Township of Lake of Bays Council passed a resolution requesting that the speed limit be reduced on a portion of Muskoka Road 117;

AND WHEREAS Muskoka District Council adopted Policy PW-001-2016 (District Road Speed Limit Review Process) on February 16, 2016 which outlines the process to assess posted speed limits on District roads;

NOW THEREFORE BE IT RESOLVED THAT the request to lower the posted speed limit along a 1.8 km section of Muskoka Road 117 adjacent to Grandview Lake (from Grandview Lake Road to civic address 3580) **be denied**;

AND THAT staff **be directed** to request additional speed limit enforcement through the Ontario Provincial Police (OPP) in this location;

AND THAT staff **be directed** to install a Vehicle Activated Traffic Calming Sign (VATCS) on Muskoka Road 117 in the Grandview Lake area.

- c) Speed Limit Analysis on Muskoka Road 2 (Brunel Road) in the Town of Huntsville, from Muskoka Road 10 West to Muskoka Road 10 East (Britannia Road)  
Report PW-8-2017-13

Recommendation

WHEREAS Huntsville Town Council passed a resolution requesting that the speed limit be reduced on a portion of Muskoka Road 2;

AND WHEREAS Muskoka District Council adopted Policy PW-001-2016 (District Road Speed Limit Review Process) on February 16, 2016 which outlines the process to assess posted speed limits on District roads;

NOW THEREFORE BE IT RESOLVED THAT a by-law **be prepared** to reduce the maximum speed limit from 80 to 60 kilometers per hour for the portion of Muskoka Road 2 (Brunel Road), between Muskoka Road 10 West and Muskoka Road 10 East (Britannia Road) in the Town of Huntsville.

- d) Speed Limit Analysis on Muskoka Road 2 (Ravenscliffe Road) in the Town of Huntsville from Hutcheson Beach Road to 668 Ravenscliffe Road  
Report PW-8-2017-14

Recommendation

WHEREAS Huntsville Town Council passed a resolution requesting that the speed limit be reduced on a portion of Muskoka Road 2;

AND WHEREAS Muskoka District Council adopted Policy PW-001-2016 (District Road Speed Limit Review Process) on February 16, 2016 which outlines the process to assess posted speed limits on District roads;

NOW THEREFORE BE IT RESOLVED THAT a by-law **be prepared** to reduce the maximum speed limit from 60 to 50 kilometers per hour for the portion of Muskoka Road 2 (Ravenscliffe Road) from Hutcheson Beach Road to 668 Ravenscliffe Road.

- e) Temporary Road Closure of Muskoka Road 16 (Ecclestone Drive) for 'What's Cooking Bracebridge, Smoke on the Water – Food & Drink Festival' in the Town of Bracebridge  
Report PW-8-2017-15

Recommendation

THAT The District Municipality of Muskoka **be authorized** to enter into an agreement, subject to the satisfaction of the District Solicitor, with the Town of Bracebridge, for the temporary closure of the following road for the 'What's Cooking Bracebridge, Smoke on the Water – Food & Drink Festival':

- Muskoka Road 16 (Ecclestone Drive) from Ontario Street/Entrance Drive to the South end of the Silver Bridge from 7:00 a.m. to 8:00 p.m. on Saturday September 30, 2017.

AND THAT the Commissioner of Engineering and Public Works **be authorized** to execute the agreement on behalf of the District of Muskoka.

**8. Environment**

- a) Update on Golden Pheasant Wastewater Treatment Plant Project and Funding Report 8-2017-16

**Recommendation One**

THAT staff **be authorized** to commence the Phase One project related to upgrades at Golden Pheasant Wastewater Treatment Plant (WWTP), in the Town of Huntsville based on Phase One confirmed funding from the Clean Water and Wastewater Fund;

AND THAT the 2017 Rate Supported Capital Budget and Forecast **be amended** as outlined in the following table:

<b>Project</b>	<b>Current Amended Budget</b>	<b>2018 to 2020 Budget</b>	<b>Proposed Amendment</b>	<b>Total Proposed Budget</b>
412066 HV GP Upgrade to Receive MV Phase I	\$250,000	\$24,500,000	(\$18,250,000)	<b>\$6,500,000</b>
412128 HV GP Upgrade to Receive MV Phase II			\$18,250,000	<b>\$18,250,000</b>
<b>Total Expenditures</b>	<b>\$250,000</b>	<b>\$24,500,000</b>	<b>\$0</b>	<b>\$24,750,000</b>
<b>Sources of Financing</b>				
Debt Reduction Reserve Fund	\$250,000	\$7,833,333	(\$145,174)	<b>\$7,938,159</b>
Wastewater Capital			\$145,174	<b>\$145,174</b>
CWWF Funding			\$4,657,239	<b>\$4,657,239</b>
OCIF Funding			\$1,697,587	<b>\$1,697,587</b>
<b>Total Sources of Funding</b>	<b>\$250,000</b>	<b>\$7,833,333</b>	<b>\$6,354,826</b>	<b>\$14,438,159</b>
<b>Infrastructure Funding Deficit</b>	<b>\$0</b>	<b>\$16,666,667</b>	<b>(\$6,354,826)</b>	<b>\$10,311,841</b>

AND THAT the 2017 and a portion of 2018 OCIF funding allocated to Projects 412067 and 412113 **be transferred** to Project 412066 as outlined in the following tables:

<b>Project</b>	<b>Current Amended Budget</b>	<b>2018 to 2021 Budget</b>	<b>Proposed Amendment</b>	<b>Total Proposed Budget</b>
412067 HV Forcemain from MV to GP Phase I	\$2,750,000			<b>\$2,750,000</b>
<b>Total Expenditures</b>	<b>\$2,750,000</b>	<b>\$0</b>	<b>\$0</b>	<b>\$2,750,000</b>
<b>Sources of Financing</b>				
Debt Reduction Reserve Fund			\$1,175,696	<b>\$1,175,696</b>
Wastewater Development Charges	\$198,200			<b>\$198,200</b>
Sustainable Infrastructure	\$482,067			<b>\$482,067</b>
Wastewater Capital	\$894,037			<b>\$894,037</b>
OCIF Funding	\$1,175,696		(\$1,175,696)	<b>\$0</b>
<b>Total Sources of Funding</b>	<b>\$2,750,000</b>	<b>\$0</b>	<b>\$0</b>	<b>\$2,750,000</b>



<b>Project</b>	<b>Current Amended Budget</b>	<b>2018 to 2021 Budget</b>	<b>Proposed Amendment</b>	<b>Total Proposed Budget</b>
412113 HV Forcemain from MV to GP Phase II		\$2,250,000		<b>\$2,250,000</b>
<b>Total Expenditures</b>	<b>\$0</b>	<b>\$2,250,000</b>	<b>\$0</b>	<b>\$2,250,000</b>
<b>Sources of Financing</b>				
Wastewater Development Charges		\$184,500		<b>\$184,500</b>
Sustainable Infrastructure		\$372,066		<b>\$372,066</b>
Wastewater Capital		\$17,800	\$521,891	<b>\$539,691</b>
OCIF Funding		\$1,675,634	(\$521,891)	<b>\$1,153,743</b>
<b>Total Sources of Funding</b>	<b>\$0</b>	<b>\$2,250,000</b>	<b>\$0</b>	<b>\$2,250,000</b>

### **Recommendation Two**

THAT the Engineering and Public Works Department staff complement **be increased** to reflect the addition of one (1) temporary full time contract Project Manager position (Class M3) for a 24 month period, to be effective no earlier than October 1, 2017 in accordance with all District policies and procedures.

#### **9. New Business**

#### **10. Adjournment**

Recommendation

THAT the Engineering and Public Works Committee adjourns to meet again on Wednesday, September 20, 2017 at 9:00 a.m. or at the call of the Chair.

This agenda can be viewed in a larger font by increasing the magnification of the page. Please note that hearing-assistive devices are available in the Council Chamber.