



A G E N D A
BUDGET COMMITTEE
February 5, 2019
9:00 a.m.
Council Chamber
MEETING NO. 5

| | |
|-------------|------------------------------------|
| Chair: | Councillor Amanda Collucci |
| Vice-Chair: | Councillor Andrew Keyes |
| Members: | Deputy Mayor Don Hamilton |
| | Councillor Karen Rea |
| | Councillor Keith Irish |
| | Councillor Reid McAlpine |
| | Councillor Khalid Usman |
| | Mayor Frank Scarpitti (ex-officio) |

- **BUDGET PRESENTATION** Page 1

- 1. **Review of the January 22, an 25, 2019 Budget Committee Minutes** Page 3
 - Appendix A - Minutes - January 22, 2019 Page 13
 - Appendix B - Minutes - January 25, 2019 Page 23

- 2. **Review of the 2019 Proposed Capital Budget** Page 4
 - Appendix C – Engineering Project 19035 Hwy 404 Midblock Crossing Page 34
 - Appendix D – Engineering Project 19042 Miller Pond Site Preparation and Property Acquisition. Page 45

- 3. **Next Steps** Page 12



**BUILDING MARKHAM'S
FUTURE TOGETHER**
2015-2019 Strategic Plan



2019 Budget Budget Committee Meeting #5 February 5th, 2019



Agenda

1. Review minutes of the January 22 and 25 Budget Committee meetings
2. Continuation of the review of the 2019 Proposed Capital Budget
3. Review of the 2019 Proposed Building, Planning & Design, Engineering and Waterworks operating budgets
4. Next Steps

1. Review minutes of the January 22 and 25 Budget Committee meetings

- Refer to Appendices A and B

2. Continuation of the review of the 2019 Proposed Capital Budget

Order of review

1. Community & Fire Services

- Operations (Fleet, Utility Inspection & Survey and Business & Technical Services)
- Environmental Services (Infrastructure, Stormwater, Waste and Waterworks)

2. Corporate Wide

3. Outstanding items from previous meetings

- Engineering Project 19031 Bike Sharing Implementation Plan
- Engineering Project 19035 Hwy 404 Midblock Crossing (Refer to Appendix C)
- Engineering Project 19037 John Street Multi-Use Pathway (to be tabled at the Feb. 8th meeting)
- Engineering Project 19042 Miller Pond Site Preparation and Property Acquisition (Refer to Appendix D)
- Asset Management Project 19088 Stabilization of Structures at 3565 19th Avenue (to be tabled at the Feb. 8th meeting)

4. New request – Engineering - Markham Centre Trails – Design (Phase 1 of 4) (to be tabled at the Feb. 5 meeting)



2. Review of the 2019 Building Operating Budget \$ in millions

| | 2018 Actual (A) | 2018 Budget (B) | Variance (B) - (A) | 2019 Budget (C) | Increase/ (Decrease) (C) - (B) |
|----------------------------------|--------------------|--------------------|-----------------------|----------------------|--------------------------------------|
| Revenues (A) | 11.89 | 10.04 | 1.85 | 7.95 | (2.09) |
| Personnel | 5.56 | 6.16 | 0.60 | 6.23 | 0.07 |
| Non-personnel | <u>2.93</u> | <u>2.94</u> | <u>0.01</u> | <u>3.08</u> | <u>0.14</u> |
| Total Expenditures (B) | 8.49 | 9.10 | 0.61 | 9.31 | 0.21 |
| Surplus/(Deficit) (A)-(B) | <u>3.40</u> | <u>0.94</u> | <u>2.46</u> | <u>(1.36)</u> | <u>(2.30)</u> |
| Transfer to/ (from) Reserve | 3.40 | 0.94 | 2.46 | (1.36) | (2.30) |



2. Building Reserve \$ in millions

| | 2018 Actual | 2019 Proposed Budget |
|--|------------------------|---------------------------------|
| Opening Balance | 9.36 | 12.94 |
| Transfer to Capital and Interest Income | 0.18 | (0.11) |
| Projected Transfer to / (Draw From) Reserve | 3.40 | (1.36) |
| Ending Balance | 12.94 | 11.47 |



2. Review of the 2019 Planning & Design Operating Budget \$ in millions

| | 2018 Actual (A) | 2018 Budget (B) | Variance (B) - (A) | 2019 Budget (C) | Increase/ (Decrease) (C) - (B) |
|----------------------------------|----------------------------|----------------------------|-------------------------------|----------------------------|---|
| Revenues (A) | 13.72 | 10.32 | 3.40 | 11.86 | 1.54 |
| Personnel | 5.50 | 6.88 | 1.38 | 7.07 | 0.19 |
| Non-personnel | 2.53 | 2.54 | 0.01 | 2.70 | 0.16 |
| Total Expenditures (B) | 8.03 | 9.42 | 1.39 | 9.77 | 0.35 |
| Surplus/(Deficit) (A)-(B) | 5.69 | 0.90 | 4.79 | 2.09 | 1.19 |
| Transfer to Reserve | 5.69 | 0.90 | 4.79 | 2.09 | 1.19 |



2. Review of the 2019 Engineering Operating Budget \$ in millions

| | 2018 Actual (A) | 2018 Budget (B) | Variance (B) - (A) | 2019 Budget (C) | Increase/ (Decrease) (C) - (B) |
|----------------------------------|--------------------|--------------------|-----------------------|--------------------|--------------------------------------|
| Revenues (A) | 10.56 | 8.09 | 2.47 | 8.93 | 0.84 |
| Personnel | 5.30 | 5.31 | 0.01 | 5.51 | 0.20 |
| Non-personnel | <u>2.64</u> | <u>2.65</u> | <u>0.01</u> | <u>2.73</u> | <u>0.08</u> |
| Total Expenditures (B) | 7.94 | 7.96 | 0.02 | 8.24 | 0.28 |
| Surplus/(Deficit) (A)-(B) | <u>2.62</u> | <u>0.13</u> | <u>2.49</u> | <u>0.69</u> | <u>0.56</u> |
| Transfer to Reserve | 2.62 | 0.13 | 2.49 | 0.69 | 0.56 |



2. Development Fee Reserve \$ in millions

| | 2018 Actual | 2019 Proposed Budget |
|---|------------------------|-------------------------------------|
| Opening Balance | (7.77) | 0.27 |
| Transfer to Capital and Interest Charges | (0.27) | (0.26) |
| Transfer to Reserve | | |
| Planning & Design | 5.69 | 2.09 |
| Engineering | 2.62 | 0.69 |
| Ending Balance | 0.27 | 2.79 |



2. Review of the 2019 Waterworks Operating Budget \$ in millions

| | 2018 Actual | 2018 Budget | 2018 Variance | 2019 Budget | Increase/ (Decrease) |
|---|--------------|--------------|------------------|--------------|-------------------------|
| | (A) | (B) | (B) - (A) | (C) | (C) - (B) |
| Sales & Purchases of Water | | | | | |
| Sales | 121.38 | 130.23 | (8.85) | 130.50 | 0.27 |
| Purchases | 92.70 | 100.99 | 8.29 | 101.05 | 0.06 |
| Net Sales & Purchases of Water (A) | 28.68 | 29.24 | (0.56) | 29.46 | 0.21 |
| Operations | | | | | |
| Other Revenues (B) | 1.14 | 1.42 | (0.28) | 1.42 | - |
| Other Expenditures | | | | | |
| Personnel | 7.40 | 7.74 | 0.35 | 8.04 | 0.30 |
| Non-personnel | 6.63 | 7.64 | 1.00 | 7.56 | (0.08) |
| Total Other Expenditures (C) | 14.03 | 15.38 | 1.35 | 15.60 | 0.22 |
| Surplus (D)=(A)+(B)-(C) | 15.79 | 15.28 | 0.51 | 15.28 | (0.00) |
| Transfer to Reserve | 15.79 | 15.28 | 0.51 | 15.28 | (0.00) |



2. Waterworks Reserve \$ in millions

| | 2018 Year-End | 2019 Proposed Budget |
|---------------------------------------|------------------|----------------------------|
| Opening Balance | 60.68 | 69.18 |
| Transfer to Capital | (10.09) | (22.35) |
| Interest Income | 0.91 | 0.82 |
| Transfer from closed capital projects | 1.89 | 0.00 |
| Transfer to Reserve | 15.79 | 15.28 |
| Ending Balance | 69.18 | 62.93 |

3. Next Steps

- Budget Committee Meeting #6 – Friday, Feb. 8, 2019 – 9:30 a.m. – 12:00 p.m.
 - Review of the proposed 2019 new staffing requests
 - Review of the 2019 Operating Budget
 - Discuss and review the request for expansion of library hours from the Library board
- Public Meeting: Thursday, Feb. 21, 2019 – 7:00 p.m. – 9:00 p.m.



**SECOND MEETING OF THE
2019 BUDGET COMMITTEE
COUNCIL CHAMBER, MARKHAM CIVIC CENTRE
JANUARY 22, 2019
9:30 PM**

MINUTES

Attendance:

| | |
|--|---|
| <p>Members Present: Councillor Amanda Collucci, Budget Chief Councillor Andrew Keys, Vice-Chair Deputy Mayor Don Hamilton Councillor Karen Rea Councillor Keith Irish Councillor Reid McAlpine Councillor Khalid Usman</p> <p>Guests: Regional Councillor Jack Heath Regional Councillor Jim Jones</p> <p>Regrets: None</p> | <p>Staff Present: Andy Taylor, Chief Administrative Officer Trinela Cane, Commissioner of Corporate Services Brenda Librecz, Commissioner of Community & Fire Services Arvin Prasad, Commissioner of Development Services Catherine Conrad, City Solicitor Stephen Chait, Director of Economic Growth, Culture & Entrepreneurship Biju Karumanchery, Director of Planning and Urban Design Eric Lariviere, Manager of Flato Markham Theatre Brian Lee, Director of Engineering Joel Lustig, Treasurer Cathy Molloy, Manager of Markham Museum Niamh O'Laoghaire, Manager of Varley Gallery Andrea Tang, Senior Manager of Financial Planning Matthew Vetere, Senior Financial Analyst Jonathan Tate, Senior Business Analyst Laura Gold, Council/Committee Coordinator</p> |
|--|---|

The Budget Committee convened at 9:33 am with Councillor Amanda Collucci presiding as Chair.

1. Review of the Capital Budget

Feedback on the Capital Budget Review Process

A Committee Member inquired how the budget was developed prior to it being presented to the Budget Committee. It was suggested to provide more background information such as presenting profit and loss statements on each business units prior to the review of the operating

and capital budgets in order to have a better understanding on the big picture/context on what's being presented.

Staff provided an overview of how the City's Capital Budget is developed, advising that projects were identified through the business planning process. As well, masterplans, reserve studies and DC background study were considered when developing the budget. Projects were reviewed and prioritized by Director's Forum and the Executive Leadership Team.

Staff also advised that the total proposed capital budget was \$126M of which \$47M was from the Life Cycle Replacement and Capital Reserve Fund and Waterworks Reserve for asset replacements/rehabilitation programs as identified through the reserve studies and confirmed the need for replacements by condition assessments. Another \$47M was from Development Charges for growth related projects which were guided by the Development Charge Background Study that was approved by Council in 2017.

A Committee Member suggested to present a summary on three to five year capital expenditures on City facilities to the Budget Committee as part of the Budget process.

Development Services Committee

Culture, Museum, Theatre and Art Centre Capital Budget Items

Stephen Chait, Director of Economic Development & Culture was in attendance to answer questions regarding the Culture, Museum, Theatre, and Art Centre Capital Budget Items.

Culture

| Item | Total Cost | Discussion |
|--------------------------|------------|--|
| 19001 Public Art Program | \$145,000 | <p>A Committee Member inquired if the Public Art Acquisition Reserve receives funds from developers and how public art decisions are made.</p> <p>Staff advised that the City receives voluntary contributions for public art from developers that are deposited to the Public Art Acquisition Reserve.</p> <p>A Public Art Master Plan is being created to guide the City on placement and selection of public art. The plan will help the City be more strategic in its decisions with respect to public art. The public will be consulted on the proposed plan. It is anticipated that the plan will go to Council for approval in June 2019.</p> |

| Item | Total Cost | Discussion |
|------|------------|--|
| | | <p>The City has also incorporated public art into City facilities and assets (e.g. community centres and bridges).</p> <p>It was noted that these funds will also be used to fund the part time public art coordinator position. The contract position is required on a continual basis to administer the City's public art program.</p> |

Moved by Deputy Mayor Hamilton

Seconded by Councillor Karen Rea

That the Budget Committee approve Culture Capital Budget Item No. 19001.

Carried

Museum

| Item | Total Cost | Discussion |
|---|------------|--|
| 19002 - Chapman House Community Kitchen | \$586,200 | <p>A Committee Member inquired the high cost of the project.</p> <p>Staff advised that the cost of the project is to restore the house (both exterior and interior) and to repurpose the Chapman House to a community kitchen. Staff advised that the house is a small bungalow with approximately 1500 square feet. The project is contingent on receiving the federal grant. The City is only eligible for the grant if both the exterior and interior of the house are restored.</p> <p>Staff advised that the community kitchen will generate net new revenues and programing resources. It makes the museum more attractive as a rental facility, and it adds programing opportunities connected to food and diversity.</p> |

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| | | A breakdown of the project's budget by component was presented. |
| 19003 - Museum Site and Facility Maintenance | \$104,300 | |
| 19004 Wilson Variety Hall Usage Study – Phase 1 of 2 | \$15,300 | |

Moved by Councillor Khalid Usman

Seconded by Councillor Karen Rea

That the Budget Committee approve the Museum Capital Budget Items.

Carried

Theatre

| Item | Total Cost | Discussion |
|---|------------|---|
| 19005 – Audio Consoles & Microphone Replacement | \$344,100 | A Committee Member inquired what happens to the audio equipment when it is replaced. Staff advised that the used equipment is traded-in and. |
| 19006 – Building Envelope Repairs | \$255,500 | |
| 19007 – Facility & Stage Maintenance | \$34,300 | |
| 19008 – Furniture & Carpet Replacement | \$140,400 | A Committee Member inquired why a consultant was required to decide which furniture and carpet should be purchased for the Theatre lobby. Staff advised that the consultant is required to maximize the use of the space and to ensure it is designed aesthetically. |
| 19009 – Highway 7 Theatre Electronic Signs | \$91,600 | Committee requested that the City provide a report to the General Committee on its emergency communication strategy. Staff agreed to bring forward a report to a future General Committee on the City's emergency communication strategy and on some of the other features of the City's emergency management program, including |

| Item | Total Cost | Discussion |
|---|------------|---|
| | | <p>how information can be centrally coordinated and communicated, the development of common emergency messaging, and how the City is working with cultural groups to communicate and help residents in an emergency.</p> <p>A Committee Member inquired if the sign could also be used to promote City/Civic Centre events.</p> <p>Staff advised that electronic sign could be used to promote both theatre and community messaging.</p> <p>A sign for Civic Centre and the theatre will also be placed at Warden and Highway 7 as part the Civic Centre gateway project. The sign is not an electronic sign, but it will be lit.</p> <p>A Committee Member inquired if there was a Civic Centre Master Plan and suggested that the signs being put up at Civic Centre should be coordinated to ensure they complement each other and work well with the site as a whole.</p> <p>Staff advised that the City does not currently have a Master Plan for Civic Centre, but staff do collaborate on any work that is done at the facility or on its grounds.</p> <p>It was noted that Council may prioritize during its strategic planning process the creation of a Civic Centre Master Plan in this term of Council if it deems to be a high priority.</p> |
| 10910 Unionville High School Boiler Replacement | \$252,000 | Staff clarified that this project is to replace the heating source to the Theatre that is currently situated at the Unionville High School. The City is working with Markham District Energy Inc. (MDEI) and Unionville High (YRDSB) to determine the method of supplying the heat. |

| Item | Total Cost | Discussion |
|----------------------------------|------------|--|
| | | <p>The funds need to be put aside as a placeholder to meet contractual obligations and so that the work can be done during in summer.</p> <p>A report will be brought forward to the General Committee on the matter.</p> <p>Staff advised that the President of MDEI is in active discussion with the High School. A boiler will not be required if MDE provides the service. However, it will still require funding to hook up to a centralized energy system.</p> <p>Committee requested that the title of this Capital Budget Item be updated to "Theatre Heating Supply".</p> <p>It was clarified that MDEI currently only provides cooling to the Theatre.</p> |
| 19261 HVAC Consultation & Design | \$50,900 | <p>A Committee Member asked if this item was connected to the replacement of the Theatre's heating system.</p> <p>Staff advised that the Theatre's HVAC system will be required to be updated when the new heating system is installed.</p> |

Theatre Accessibility

A Committee Member noted that an elevator needs to be installed between the first and second floor at the Theatre to make it more accessible, suggesting that this should be presented as a future capital budget item.

Moved by Councillor Khalid Usman

Seconded by Councillor Andrew Keyes

That the Budget Committee approve that Theatre Capital Budget Items.

Carried

Art Centre

| Item | Total Cost | Discussion |
|--------------------------------------|------------|--|
| 19011 Gallery Deacon Room Renovation | \$22,500 | A Member asked how art acquisitions are made at the Gallery. |

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| | | <p>Staff advised that the Varley McKay Art Foundation of Markham funds art acquisitions and approves donations of art work to the Gallery. The cost of an acquisition may vary from \$3K to \$70K.</p> <p>A Committee Member advised that some Unionville residents were not pleased with the courtyard re-landscape and were concerned with the upkeep of the McKay Art Centre. Staff advised that a 2018 capital project was approved for the maintenance of the house which included interior and exterior painting, flooring and lighting around the facility. Exterior painting will be done in May 2019. It was delayed due to weather conditions.</p> |
|--|--|--|

Moved by Deputy Mayor Don Hamilton

Seconded by Councillor Khalid Usman

That the Budget Committee approve the Art Centre Capital Budget Items.

Carried

Planning & Design Capital Budget Items

Biju Karumanchery, Director of Planning and Urban Design was in attendance to answer question regarding the planning, and design capital budget items.

Unionville Streetscape

A Committee Member suggested there should be funds in the 2019 budget for the Unionville Streetscape. Staff agreed to investigate if there was a possibility to put funds aside so that the project could be started in 2019.

Planning

| Item | Total Cost | Discussion |
|---|------------|--|
| 19012 Accessibility & Age Friendly Guidelines | \$182,400 | A Committee Member suggested staff to consider how building houses too close to the road and building three story townhomes impact accessibility and health when |

| | | |
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| | | developing the accessibility & age friendly guidelines. |
| 19013 Annual York Region Employment Survey | \$38,000 | |
| 19014 Consultant Studies | \$97,000 | |
| 19015 Designated Heritage Property Grant Program (Year 3 of 3) | \$30,000 | |
| 19016 Heritage Façade Improvements /Sign Replacement | \$15,000 | |
| 19017 Natural Heritage System Study (Phase one of two) | \$81,400 | <p>A Committee Member requested that staff provide a presentation on this project at a future Development Services Committee meeting.</p> <p>Staff agreed that the presentation would identify all natural heritage features in the City (wetlands, woodlots and meadows) and identify ownership (City, private, other levels of government). Once this information is available and understood, then a management strategy will be established.</p> <p>It was noted that the Rouge National Park should be included in this inventory even though the lands are being transferred to the federal government.</p> |
| 19019 Future Urban Area Natural Heritage Restoration Plan | \$45,800 | |
| 19020 Housing Strategy | \$100,000 | <p>A Committee Member suggested that the City should identify possible solutions for affordable housing.</p> <p>Staff advised that the City is in the process of creating Inclusionary Zoning By-Law, which considers housing options and incentives that can be provided to developers to encourage them to develop these types of housing. The study will take some time to complete.</p> |

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| | | Staff have also been working with developers to include purpose-built second suites, coach houses and two story houses with a master bedroom on the main floor. |
| 19021 LPAT/OMB Growth Related Hearings | \$305,300 | <p>A Committee Member inquired the process if there is remaining budget or insufficient budget for a capital project.</p> <p>Staff advised that the remaining funds will be returned to the original funding source(s). As well, there is a policy that guides approval on requests for additional funds.</p> |
| 19022 Planning & Design Staff Salary Recovery | \$498,300 | <p>Clarification was requested on this project.</p> <p>Staff advised that this project is to fund staff who work on growth related projects that are funded by Development Charges.</p> |
| 19023 Secondary Plans | \$178,100 | <p>. A Committee Member inquired if the Study from 2008 can be used.</p> <p>Staff advised that the study was done in 2008, well before intensification along Hwy 48. Staff added that some of the concepts identified in the 2008 study could be considered.</p> |

Moved by Deputy Mayor Don Hamilton

Seconded by Councillor Karen Rea

That the Budget Committee approve the Planning Capital Budget Items.

Carried

Design

| Item | Total Cost | Discussion |
|--|-------------|--|
| 19024 Berczy Beckett East Park – Design Construction | \$553,800 | |
| 19025 – Box Grove Park Pavilion and Washrooms - Design | \$138,400 | |
| 19026 – Cornell Centre NP and Woodlot Construction | \$996,800 | |
| 19027 – Cornell Park Maintenance Building - Construction | \$1,107,600 | |
| 19028 – Markham Centre Rouge-side Promenade Parks – Design | \$214,900 | A Committee Member requested that a presentation on the larger vision of the park be provided at a future Development Services Committee Meeting once the issues with school have been resolved. They also noted that there is an issue with the number of bridges that cross the river at the Rouge Park Promenade. |
| 19029 - Wismer Greenspire Parkette – Design and Construction | \$548,300 | |

Moved by Deputy Mayor Don Hamilton

Seconded by Councillor Khalid Usman

That the Budget Committee approve the Design Capital Budget Items.

Carried

2. Adjournment

The Budget Committee adjourned at 12:01 pm



**THIRD MEETING OF THE
2019 BUDGET COMMITTEE
COUNCIL CHAMBER, MARKHAM CIVIC CENTRE
JANUARY 25, 2019
9:00 AM**

MINUTES

Attendance:

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|---|--|
| Members Present: Councillor Amanda Collucci, Budget Chief Councillor Andrew Keys, Vice-Chair Deputy Mayor Don Hamilton Councillor Karen Rea Councillor Keith Irish Councillor Reid McAlpine Councillor Khalid Usman Guests: Regional Councillor Jim Jones Regrets: None | Staff Present: Andy Taylor, Chief Administrative Officer Trinela Cane, Commissioner of Corporate Services Brenda Librecz, Commissioner of Community & Fire Services Arvin Prasad, Commissioner of Development Services Catherine Conrad, City Solicitor Mary Creighton, Director of Recreation Dave Decker, Fire Chief Biju Karumanchery, Director, Planning & Urban Design Nasir Kenea, Chief Information Officer Brian Lee, Director of Engineering Joel Lustig, Treasurer Graham Seaman, Director of Sustainability Andrea Tang, Senior Manager of Financial Planning Jonathan Tate, Senior Business Analyst Veronica Siu, Senior Business Analyst Laura Gold, Council/Committee Coordinator |
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The Budget Committee convened at 9:04 a.m. with Councillor Amanda Collucci presiding as Chair.

1. Deputation

Norman Pemberton requested that winter washroom facilities be placed at Milne Dam Conservation Park to allow for residents to enjoy the park in the winter months.

Moved Councillor Karen Rea
Seconded by Councillor Reid McApline

That the Budget Committee investigate the feasibility of having winterized washrooms/portable washrooms at Milne Dam Conservation Park and other parks.

Carried

2. Review of the Capital Budget

Development Services Commission (Continuation from the Last Meeting)

Engineering

Brian Lee, Director of Engineering was in attendance to answer questions regarding the Engineering Capital Budget Items.

| item | Total Cost | Discussion |
|---|------------|--|
| 19030 – Active Transportation Awareness Program | \$86,500 | <p>A Committee Member asked for background information on this item.</p> <p>Staff advised that this budget item is to promote the benefits of transit and other types of more sustainable transportation.</p> |
| 19031 – Bike Sharing Implementation Plan | \$35,500 | <p>A Committee Member suggested suggested running the bike sharing program through a public private partnership, noting an organization had already come forward with a business proposal which would not require funding from the City.</p> <p>Staff advised that the project is to develop criteria for an appropriate business model, bike station locations, equipment and technological requirements and operational impact for potential vendors to bid on the provision of this service.</p> <p>A Committee Member suggested that scooters should be included as part of the pilot project.</p> <p>Brian Lee, Director of Engineering was requested to bring back more information on this item.</p> <p>Moved by Councillor Karen Rea Seconded by Councillor Reid McAlpine</p> <p>That Capital Budget Item No. 19031 be deferred.</p> <p style="text-align: right;">Carried</p> |

| | | |
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| 19032 – Downstream Improvement (Design) | \$228,500 | |
| 19033 –Elgin Mills Road Environmental Condition Study | \$347,900 | |
| 19035 – Hwy 404 Midblock Crossing, N of 16 Avenue & Cachet Woods | \$10,894,800 | |
| 19036 – Intersection Improvements (Construction) | \$1,862,900 | <p>A Committee Member requested an update on the traffic improvements made on Main Street Markham.</p> <p>An update on the traffic improvements made on Main Street Markham was provided. Last year the controllers of the streetlights were updated so that they can be synchronized. However, the City needs to better understand how traffic can be improved on local roads that intersect with regional intersections.</p> <p>A Committee Member advised that there had been requests from residents to install traffic signals at the intersections of 19th Avenue & Warden Avenue, and 19th Avenue and Hwy 48.</p> <p>The Committee suggested that staff work with York Region to better synchronize local traffic signals with Regional intersections.</p> |
| 19037 – John Street Multi Use Pathway (Construction) | \$4,697,400 | <p>A Committee Member requested that this item be deferred to a future meeting.</p> <p>Moved Councillor Keith Irish Seconded by Deputy Mayor Jack Heath</p> <p>That Capital Budget Item No. 19037 be deferred.</p> <p style="text-align: right;">Carried</p> |
| 19038 – Markham Road Multi use Pathway Cross-Rides (Design) | \$59,100 | |
| 19039 – Sidewalk Program (Design) | \$452,000 | |
| 19041 – Markham Centre Trails EA for Areas 1,2 and 4 | \$330,300 | An overview of the trail plans was provided. Staff identified additional funds are required to conduct a detailed design for Phase 1, noting that a conceptual design was completed. A |

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| | | new request will be brought forward to a future Budget Committee meeting. |
| 19042 – Miller Pond Site Preparation and Property Acquisition | \$14,330,000 | <p>Committee asked for more information on this item.</p> <p>Staff advised that a storm water pond is required to support future urbanization of the area. The proposed road alignment was displayed to the Committee.</p> <p>The Committee asked that this item be deferred and that more background information on the item be provided at a future Budget Committee Meeting.</p> <p>Moved by Councillor Reid McAlpine Seconded by Deputy Mayor Don Hamilton</p> <p>That Capital Budget Item No. 19042 be deferred.</p> <p style="text-align: right;">Carried</p> |
| 19043 - Municipal Inspection and Construction Guidelines Update | \$31,000 | |
| 19044 – North Markham Transportation Needs Assessment | \$577,200 | A Committee Member requested that reversible lanes be looked at as an option when conducting future traffic studies. |
| 19045 –Smart Commute Markham and Richmond Hill | \$76,300 | A Committee Member suggested that metrics should be identified and measures to assess success of this program. |
| 19046 –Staff Salary Recovery | \$733,200 | |
| 19047 - Stormwater Thermal Cooling Pilot Project | \$232,900 | <p>A Committee Member inquired if this project could be funded jointly/in-partnership with other agencies.</p> <p>Staff advised that Markham has been a leader in environmental protection. External agencies do not provide direct funding; however they provide in-kind services.</p> |
| 19048 – Streetlight Program (Construction) | \$1,762,900 | |
| 19049 –Streetlight Program (Design) | \$175,100 | |
| 19050 – Traffic Operational Improvements | \$88,900 | |

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|--|-----------|---|
| 19051 – Traffic Safety Audit (City Wide) | \$175,400 | <p>Committee asked for more information on this item.</p> <p>Staff advised that this project is to identify the types of collision based on incident records from the York Region Police. Improvement requirements and priorities to improve road safety will be identified upon completion of the study. Staff advised that majority of the safety issues are not due to design of the roads, but mostly due to driver behaviour. There will be a focus on educating residents on road safety.</p> <p>Some Committee Members suggested forming a taskforce to discuss road safety.</p> |
| 19052 | | |
| 19260 | | |

Moved by Councillor Reid McAlpine
Seconded by Councillor Karen Rea

That the Budget Committee approve the Engineering Capital Budget Items (excluding Capital Budget Items 19031, 19037 and 19042).

Carried

Corporate Services Capital Budget Items

Information Technology Services

Nasir Kenea, Chief Information Officer answered questions regarding the Information Technology Services Items.

| Item No. | Total Cost | Discussion |
|-----------------------------------|-------------------|--|
| 19053 – Finance Tax System Update | \$50,900 | |
| 19055 – Library Tablets | \$28,700 | <p>A Committee Member inquired about the cost of the tablets and the type of tablets being purchased.</p> <p>Staff advised that these tablets are slightly more expensive, as the City is purchasing tablets that can log into the City's network. This type of tablet is required for the Library to deliver its programs from remote locations and to teach digital literacy. The tablets will be used by part time and seasonal employees that do not have a City laptop or tablet.</p> |

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| | | The type of tablets (android or iPads) being purchased is still being determined. |
| 19059 – ES – Waste Depots – Internet Connectivity & Computers | \$13,700 | |
| 19060 – Waterworks – Computer Truck Mounts & Toughbooks | \$172,000 | Staff advised that the Toughbooks are mounted to the vehicle to protect the device and for safety purposes. The cost of this item includes both the Toughbooks and the mounting. |
| 19061 – ITS Additional Adobe Licenses | \$50,600 | |
| 19062 – Infrastructure Support Specialist | \$120,700 | <p>A Committee Member inquired if this is a contract or full time position.</p> <p>Staff advised that this position is the continuation of an existing contract position.</p> |
| 19063 –Life Cycle Asset Replacement | \$1,836,500 | <p>A Committee Member inquired about the City's policy regarding leasing versus purchasing.</p> <p>Staff advised that when comparing leasing versus purchasing it is the City's practice to conduct a cost benefit analysis. In this case, the phones are being purchased, so that the lifecycle of the asset can be extended.</p> <p>A Committee Member asked if all staff need a desk top phone if they are being provided with a City mobile phone.</p> <p>Staff advised that an analysis of this concept is currently being undertaken.</p> <p>It was advised that inclusion of the waterworks toughbooks in the comment section of the request form was incorrect and should be deleted on the form.</p> |
| 19258 Legislative Services – Bus Support to new System | \$168,500 | <p>A Committee Member inquired if the position requirements for the implementation of the system were known when it was being approved.</p> <p>Staff advised that the resource requirements were considered to support the implementation. It was suggested that in the future</p> |

| | | |
|--|--|--|
| | | this type of background information be presented with the Capital Budget Item to provide more context. |
|--|--|--|

Moved by Deputy Mayor Don Hamilton

Seconded by Councillor Khalid Usman

That the Budget Committee approved the ITS Capital Budget Items.

Carried

Finance

Joel Lustig, Treasurer was in attendance to answer questions regarding the Finance Capital Budget Items.

| Item | Total Cost | Discussion |
|-------------------------------------|------------|------------|
| 19064 – Internal Project Management | \$877,000 | |

Moved by Councillor Andrew Keyes

Seconded by Councillor Khalid Usman

That Budget Committee approve the Finance Capital Budget Items.

Carried

Sustainability

Graham Seaman, Director of Sustainability & Asset Management was in attendance to answer questions regarding the Sustainability Capital Budget Items.

| Item | Total Cost | Discussion |
|--|------------|--|
| 19066 Facility Emergency Management Program | \$245,200 | |
| 19067 Green Print Community Sustainability Program | \$50,900 | Staff advised that the project costs includes educational and outreach materials to be distributed at public events and festivals. |

Moved by Councillor Keith Irish

Seconded by Councillor Karen Rea

That Budget Committee approve the Sustainability Capital Budget Items.

Carried

Asset Management

Graham Seaman, Director of Sustainability & Asset Management was in attendance to answer questions regarding the Asset Management Capital Budget Items.

| Item | Total Cost | Discussion |
|---|------------|---|
| 19068 – 8100 Warden Facility Improvements | \$143,700 | A Committee Member inquired about the long term strategy for this facility. Staff advised there are is no long term strategy for this facility. It will remain status quo. |
| 19069 –Accessibility Retrofit Program | \$50,000 | |
| 19070 – Bird Safe Film | \$51,000 | |
| 19071 – Building Condition Audit Program | \$143,900 | |
| 19072 –Civic Centre improvements | \$400, 400 | An overview of improvements being made at Civic Centre was provided. It was noted that the City is replacing pavers at the end of their lifecycles with other materials (no longer replace with pavers). For this project, it will be replaced with concrete. |
| 19074 – Corporate Accommodations | \$525,000 | Committee asked for an update on the status of the Councillors Lounge. Committee was advised the staff are working to enhance the sound proofing in the Councillors Lounge. It was also noted that a second meeting room on the main floor is being prepared for Members of Council. New furniture will be purchased for the Councillor Lounge. |
| 19075 –Corporate Security and & Systems Replacement | \$556,300 | A Committee Member inquired about the roles and responsibilities of the Manager of Corporate Security positon which Staff provided an overview. Staff advised that the security gates at the Princess St. works yard and at 8100 Warden Av. are required to control access, protect City's property and act as asset deterrent. are |

| Item | Total Cost | Discussion |
|--|------------|--|
| 19076 – Fire Facility Improvements | \$125,800 | |
| 19077 – Library Facility Improvements | \$81,700 | |
| 19079 – Municipal Building Backflow Prevention Survey & Testing | \$56,100 | |
| 19081 – Operations Facility Improvements | \$97,200 | |
| 19082 – Other Facility Improvements | \$233,800 | Staff advised that heritage homes on City properties will continue to be maintained. |
| 19083- Recycling Depot Improvements | \$20,600 | A Committee Member inquired if the City could add more of a heritage character to the recycling depot in Unionville. Staff advised this can be investigated when the lifecycle for the depot is up for renewal. |
| 19084 – Roofing Maintenance & Repair | \$91,800 | |
| 19085 – Roofing Repairs and Replacement Projects | \$968,140 | A Committee Member inquired if the Heintzman House roof was being repaired or replaced. Staff confirmed that the roof is being replaced. |
| 19086 – Salt Barn | 330,300 | A Committee Member asked if the City should be making improvements to the Miller Work Yard if it will be opening up a new work yard in the future. Staff advised the improvements to the Miller Work Yard are required regardless of the status of the new work yard. This is a stop gap measure to address a larger term need. Moved by Councillor Karen Rea Seconded by Councillor Khalid Usman That Capital Budget Item No. 19086 be deferred. Carried |
| 19087 – Satellite Community Centre Improvements | \$122,600 | |
| 19088 –Stabilization of Structures at 3565 19 th Avenue | \$752,000 | A Committee Member asked for more information on this item. Staff advised that the project includes cost to stabilize the heritage house and demolish other structures on the site. |

| Item | Total Cost | Discussion |
|--|-------------|--|
| | | Moved by Councillor Karen Rea Seconded by Councillor Khalid Usman That Capital Budget Item No. 19088 be deferred. Carried |
| 19089 – Unionville Library LED Lighting Upgrade – Additional Funding | \$50,900 | |
| 19259 -115 & 135 Torbay Road Buildings Demolition | \$1,000,000 | |

Moved by Councillor Keith Irish

Seconded by Khalid Usman

That the Budget Committee approve the Asset Management Capital Budget Items (excluding Capital Budget Item Nos. 19086 and 19088).

Carried

Fire & Emergency Services

| Item | Total Cost | Discussion |
|---|------------|--|
| 19090 – Air Cylinder Replacement | \$8,800 | |
| 19091 – Bunker Gear Replacement | \$9,000 | |
| 19092 – Fire Station – Markham Centre Design | \$413,200 | This item was removed from the 2019 Capital Budget. The item will be brought back to the General Committee at a later date when required. A Committee Member suggested staff to duplicate the design of an existing fire station for future fire stations. Staff advised that the internal flow of a fire station is fairly standard from one site to another. |
| 19093 – Firefighting Tools & Equipment Replacement | \$96,700 | |
| 19094 – Hazardous Materials Photo Ion/HCN Detectors Replacement | \$8,000 | |
| 19096 – Rapid Intervention Crew Rescue Packs Replacement | \$16,300 | |

| | | |
|---|----------|--|
| 19097 – Replacement of Equipment due to Staff Retirements | \$93,400 | |
| 19097 – Safety Equipment – Medical Simulator | \$8,900 | |

Moved by Councillor Khalid Usman

Seconded by Councillor Andrew Keyes

That Budget Committee approve the Fire Capital Budget Items (excluding Capital Budget No. 19092).

Carried

3. Next Meeting Date

Committee agreed to hold the Tuesday, January 29, 2019 Budget Committee meeting from 9:00 am to 12:30 pm.

4. Adjournment

Moved by Councillor Keith Irish

Second by Councillor Khalid Usman

That the Budget Committee adjourn at 11:52 am.

Carried

Hwy 404 Mid-block Crossing North of 16th Avenue & Cachet Woods Extension Background Materials (Project No. 19035)

Budget Committee Meeting January 29, 2019



Hwy 404 Midblock Crossing, North of 16th Avenue & Cachet Woods Extension

Environmental Study Report
Road Crossing of Highway 404 (16th Avenue to Major Mackenzie Drive)
Class Environmental Assessment Study

Figure 7-9: Preferred Alternative Design



Hwy 404 Midblock Crossings

- Region of York, City of Markham and Town of Richmond Hill Master Plans identified the following mid-block crossings (MBC) on Hwy 404:
 - 1. Hwy 404 – MBC, North of Hwy 7**
 - Constructed and opened to public in 2018
 - 2. Hwy 404 – MBC, North of 16th Avenue**
 - *Detailed design and land acquisition for MBC – ongoing (2019 budget for land acquisition)*
 - *Detailed design for City of Markham works:*
 - *Cachet Woods Court extension*
 - *Markland Bridge (over Rouge River)*
 - *Markland Road reconstruction*
 - *Construction (TBD) – advancing Markham portion requested by Council, in discussion with the Region*
 - *Cachet Woods Court extension*
 - *Markland Bridge*
 - *Markland Road reconstruction*
 - *MBC*

Project Info (Cont'd)

- Region of York, City of Markham and Town of Richmond Hill Master Plans identified the following mid-block crossings (MBC) on Hwy 404:
 - 3. Hwy 404 – MBC, North of Major Mackenzie Drive**
 - EA Filed – June 2018 with Part 2 Order,
 - Final EA approval – November 2018
 - Detailed Design / Construction – TBD (Region of York)
 - 4. Hwy 404 – MBC, North of Elgin Mills Road**
 - EA Filed and approved – September 2015
 - Detailed Design / Construction – TBD (Region of York)

Project Funding & Ownership

Project Funding

- Region of York Policy for “*Collector Road Crossings of 400 Series Highways*” identified funding commitment from Region of York for the Mid-block Crossings (typically 1/3 of the project cost)
- Local Municipalities to cover the remaining costs (1/3 Markham and 1/3 Richmond Hill)
- Long Term maintenance and replacement costs of the MTO structure to be carried by the 3 municipalities at equal share

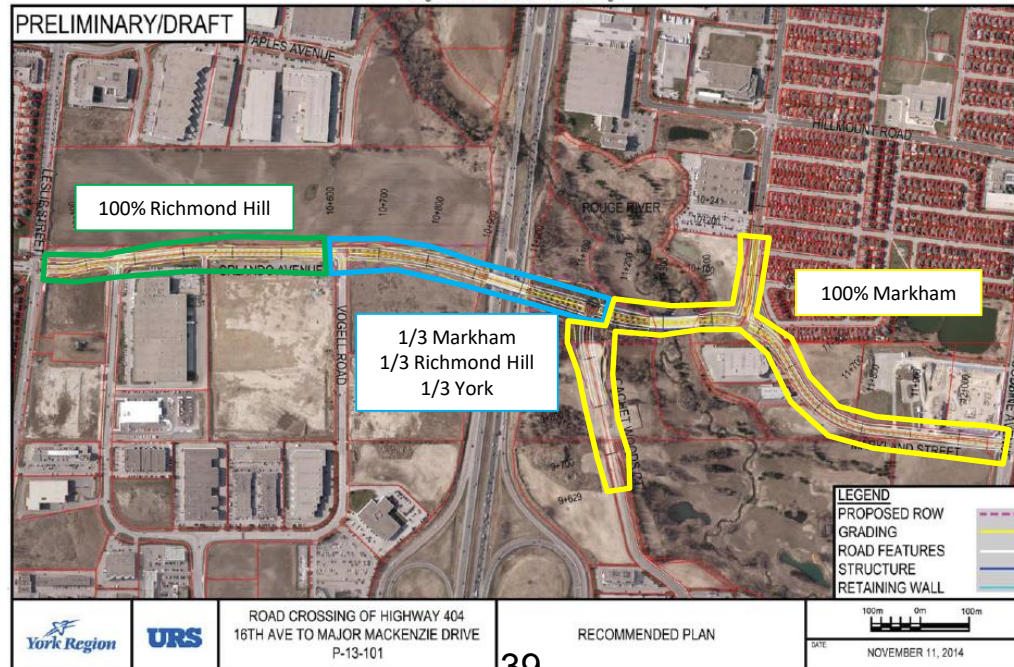
Project Ownership

- Local municipalities will own and operate the road within their jurisdiction
- MTO to own and operate the bridge structure withing the MTO right-of-way
- Region of York will not own any of the infrastructure

Project Funding

Environmental Study Report
Road Crossing of Highway 404 (16th Avenue to Major Mackenzie Drive)
Class Environmental Assessment Study

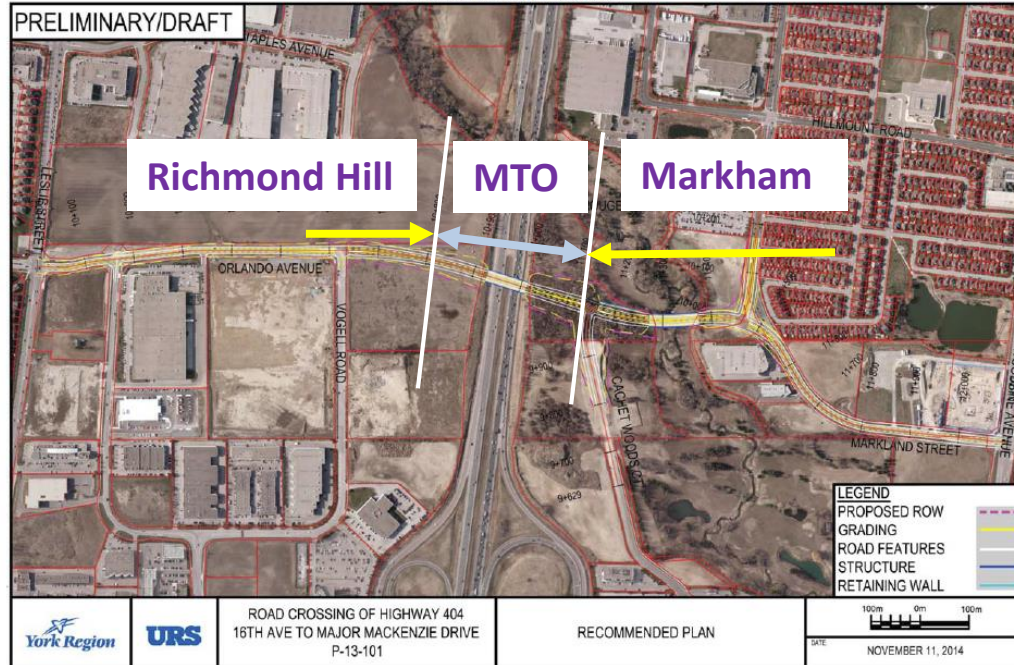
Figure 7-9: Preferred Alternative Design



Project Ownership

Environmental Study Report
Road Crossing of Highway 404 (16th Avenue to Major Mackenzie Drive)
Class Environmental Assessment Study

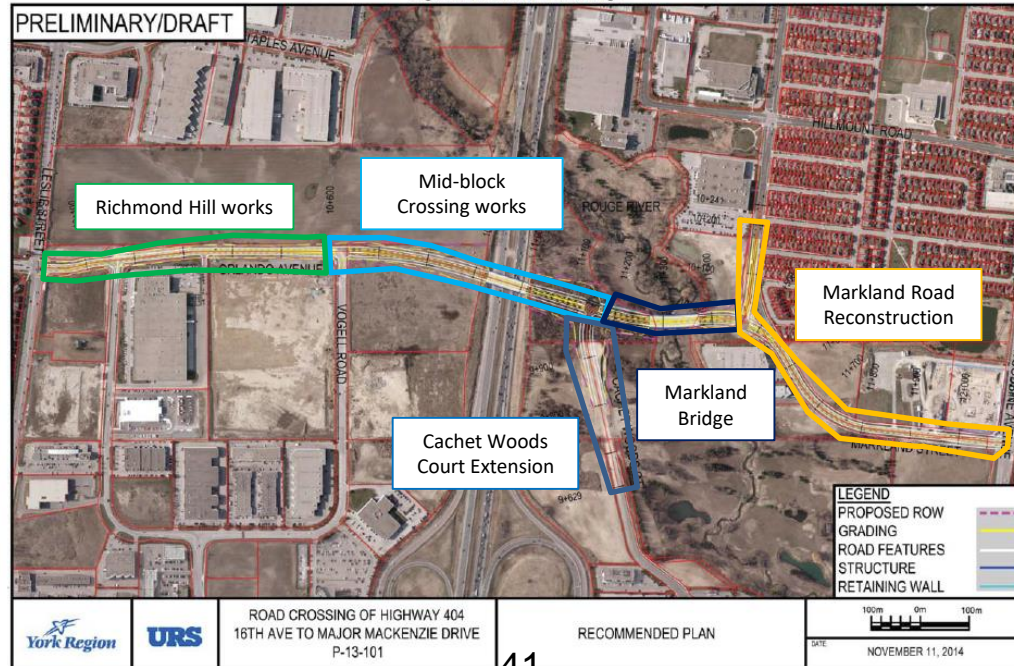
Figure 7-9: Preferred Alternative Design



Project Phasing

Environmental Study Report
Road Crossing of Highway 404 (16th Avenue to Major Mackenzie Drive)
Class Environmental Assessment Study

Figure 7-9: Preferred Alternative Design



Project Update

- Detailed Design by the Region to be complete by end of 2019
- Finalize detailed design with Region of York for the Mid-block crossing and engage consultant to separate out the detailed design for the following works:
 - Cachet Woods Ramp Extension
 - Markland Bridge
 - Markland Road Reconstruction (up to Woodbine By-pass)
 - Complete detailed design by end of 2020
- Region of York has commenced acquisition of lands required for the Mid-block crossing and will continue to acquire lands in 2019

Approximate Cost Estimate for Property

| 2019 Capital Budget Request | | | | |
|--|-------------------------|-------------------------|------------------------|------------------------|
| Hwy 404 Mid-block Crossing and Cachet Woods Extension - Property | | | | |
| | Total | Markham | York | Richmond Hill |
| Mid-block Crossing Proper | \$ 14,300,000.00 | \$ 4,766,666.67 | \$ 4,766,666.67 | \$ 4,766,666.67 |
| Markham Property | \$ 5,700,000.00 | \$ 5,700,000.00 | \$ - | \$ - |
| Richmond Hill Property | \$ 600,000.00 | \$ - | \$ - | \$ 600,000.00 |
| Sub-total: | \$ 20,600,000.00 | \$ 10,466,666.67 | \$ 4,766,666.67 | \$ 5,366,666.67 |
| 2% capital admin fee | \$ 209,333.33 | \$ 209,333.33 | \$ - | \$ - |
| 1.76% HST impact | \$ 366,244.27 | \$ 187,897.60 | \$ 83,893.33 | \$ 94,453.33 |
| Total: | \$ 21,175,577.60 | \$ 10,863,897.60 | \$ 4,850,560.00 | \$ 5,461,120.00 |
| % | 100% | 51% | 23% | 26% |

Markham's share of property acquisition is \$10.5M, funded from City Wide Hard DC.

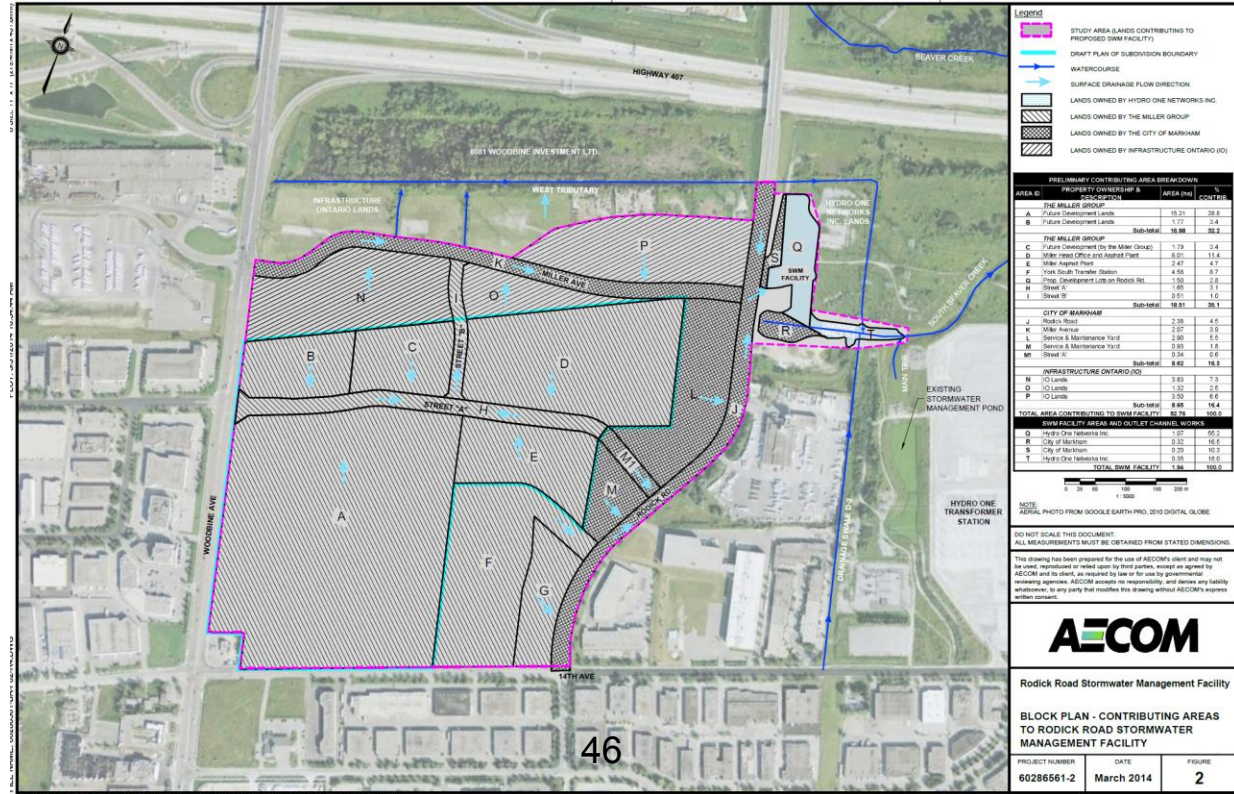
Next Steps

- DSC report dated [February 17, 2015](#) recommended the following:
 - *That staff report back on advancing the design and construction of the section of the road and the bridge over Rouge River, west of Markland Street to Cachet Woods Court*
- Markham staff to report back to Council to get authority on the following items:
 - Acquire lands required for Cachet Woods Court Extension, Markland Bridge and Markland Road reconstruction
 - Enter into agreement with Town of Richmond Hill and Region of York for the Mid-block crossing
- Identify construction schedule for Mid-block Crossing work and City of Markham works.

Miller SWM Pond Background Materials (Project No. 19042)

Budget Committee Meeting January 29, 2019

Miller / Rodick Contributing Area





Miller Avenue Extension Class EA Study (1)

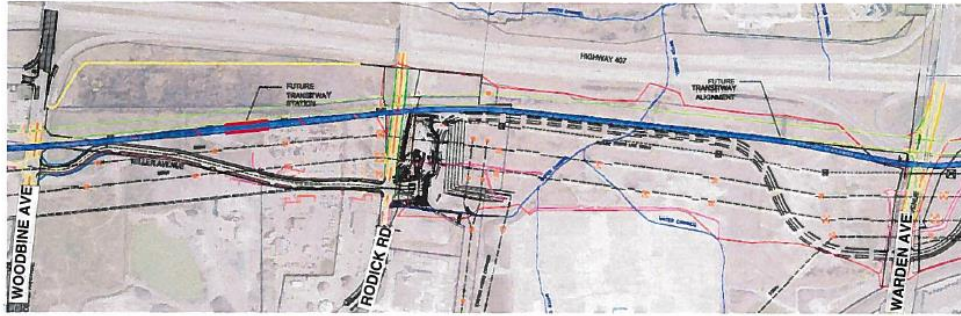
Miller Avenue Extension Environmental Assessment Study



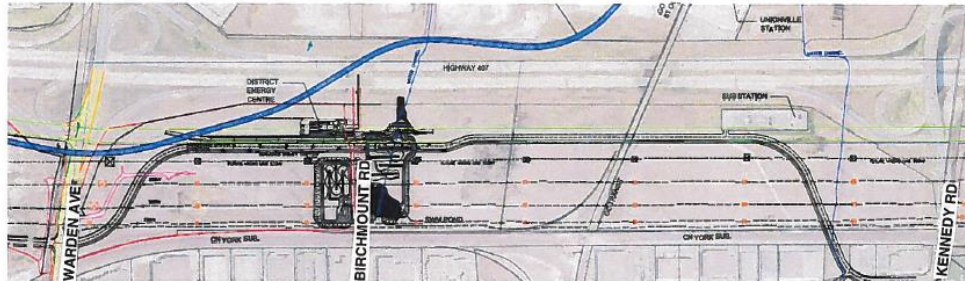
Extracted from:
DSC Report
Dec 11, 2012

Miller Avenue Extension Class EA Study (2)

Miller Avenue Extension Environmental Assessment Study



Extracted from:
DSC Report
Dec 11, 2012



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PREFERRED ALIGNMENT - ATTACHMENT "B"



In-camera Report of May 2010

Slide to be provided separately

Next Steps (1)

- Update Council of new land owner's name (White Owl)
- Provide status update on the project
- **Confirm Council's decision to acquire lands from Hydro One for Miller Pond**
- Provide final recommendation to Council as to the acquisition of the land (e.g. environmental issues)
- Update financial summary and show latest cost allocation for Markham and White Owl
- Update construction cost estimate, land value costs, and other project costs
- **Authority from Council to include the following works in the cost sharing agreement**
 - SWM Pond construction and environmental clean up, Miller Road sanitary sewer, storm sewer and watermain oversizing
 - Rodick Road sanitary sewer, storm sewer and watermain oversizing

Next Steps (2)

- Complete remaining on-site groundwater test (BH #3) required to finalize the Phase 1 and 2 ESA Report (March 2019)
- **Report to Council in April 2019 to provide a project update and recommendations**
- Legal to commence negotiations with Hydro One and White Owl for the required SWM Pond Lands (Q1 2019) (*confirm 2010 report to see if authority to enter into an agreement has been issued by Council, if so, Legal can commence discussions*)
- Finalize Miller Pond Design (Q3 2019)
- Initiate cost sharing agreement discussions with White Owl (Q2 2019 – Q4 2019)
- Acquire lands from Hydro One (Q1 / Q2 2020)
- Issue tender for Miller Pond construction (Q2 2020 - Q3 2021)
- Rodick Road Reconstruction – Q1 2022 (Tentative)
- Miller Road Reconstruction – Q3 2023 (Tentative)



Project Estimates

| Miller SWM Pond Budget Request | | | |
|--------------------------------|------------------|-----------------|------------------|
| | Cost | CWH | ASDC |
| Construction | \$ 2,400,000.00 | \$ 480,000.00 | \$ 1,920,000.00 |
| Contract Admin | \$ 144,000.00 | \$ 28,800.00 | \$ 115,200.00 |
| Design | \$ 180,000.00 | \$ 36,000.00 | \$ 144,000.00 |
| Geotech | \$ 72,000.00 | \$ 14,400.00 | \$ 57,600.00 |
| Property | \$ 5,000,000.00 | \$ 1,000,000.00 | \$ 4,000,000.00 |
| Contamination | \$ 5,500,000.00 | \$ 1,100,000.00 | \$ 4,400,000.00 |
| Admin Fees | \$ 800,000.00 | \$ 160,000.00 | \$ 640,000.00 |
| Total: | \$ 14,096,000.00 | \$ 2,819,200.00 | \$ 11,276,800.00 |
| Cost | \$ 12,900,000.00 | \$ 2,580,000.00 | \$ 10,320,000.00 |
| Internal | \$ 800,000.00 | \$ 160,000.00 | \$ 640,000.00 |
| External | \$ 396,000.00 | \$ 79,200.00 | \$ 316,800.00 |
| HST Impact | \$ 234,000.00 | \$ 46,800.00 | \$ 187,200.00 |
| Total: | \$ 14,330,000.00 | \$ 2,866,000.00 | \$ 11,464,000.00 |

Funding sources: City wide Hard DC (\$2.8M), Area Specific DC (Area 17) (\$11.5M)