



Report to: General Committee

Date Report: November 14, 2011

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**SUBJECT:** Southeast Collector Trunk Sewer Enhancement Plan – Update on Project Implementation

**PREPARED BY:** Elizabeth Wimmer, Senior Environmental Planner, Planning and Development, extension 2750

**REVIEWED BY:** Lilli Duoba, Senior Project Coordinator, Environmental Planning & Rouge Park, extension 7925

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**RECOMMENDATION:**

- 1) That the report entitled “Southeast Collector Trunk Sewer Enhancement Plan – Update on Project Implementation”, dated November 14, 2011 be received;
- 2) That Council endorse the recommended funding allocation for the Southeast Collector Trunk Sewer Enhancement Projects as revised by the Environmental Issues Committee (EIC) on September 20, 2011 as follows:
  - i) University Entrance Scholarship Funding - \$200,000.00
  - ii) Trails Construction in Legacy and Box Grove Communities - \$240,000.00
  - iii) Locust Hill School House Stabilization and Exterior Restoration - \$110,000.00
  - iv) Dimma House on-site House Relocation subject to the TRCA agreement to privatize the dwelling - \$45,000.00
- 3) That capital projects be created for; the Trails Construction in Legacy and Box Grove Communities; the Locust Hill School House stabilization and the Dimma House on-site relocation in addition to the (2) previously approved projects by Council on June 28, 2011, to be funded by the Region of York, subject to the execution of a funding agreement between the Region of York and the Town of Markham (York Region will establish a funding arrangement directly with the school boards for the University Entrance Scholarship) with the understanding that the Town not upfront any funds;
- 4) That the Region of York in consultation with Town staff be authorized to adjust funding allocation within the approved upset limit of \$800,000 for the approved projects as outlined in this report should implementation or partner approvals of projects become barriers to project completion within the general timelines established by the Region;
- 5) That Council authorize staff to work with the Regional Municipality of York to finalize the implementation agreements; and
- 6) And that the Mayor and Clerk be authorized to execute such agreements as necessary to give effect to this report, to the satisfaction of the Town Solicitor;
- 7) And that a copy of this report be forwarded to the Regional Municipality of York, York Region District School Board, York Region Catholic District School Board,

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Toronto Region Conservation Authority and the Rouge Park Alliance for information; and,

- 8) And That Staff be authorized and directed to do all things necessary to give effect to this resolution.

**EXECUTIVE SUMMARY:**

On June 28, 2011, Council reviewed the Southeast Collector Sewer Enhancement Plan and the recommendations of the Environmental Issues Committee for a \$1,000,000 expenditure of Region of York funds on six projects in Markham. Council endorsed a heritage signage program and parkland improvements to the Box Grove Community Centre. Four projects were referred to EIC for further discussion and review. Minor funding adjustments were recommended by EIC. This report is to provide the EIC recommendations for Council endorsement and establish a funding structure that would allow the implementation of the projects.

**PURPOSE:**

The purpose of this report is to approve the SEC project allocations and to set up a funding program which would allow the Town to proceed with implementation on a cost recovery basis in accordance with the requirements of the Region of York. The Region of York would be invoiced on a regular basis as the projects proceed to 100% recovery costs.

**BACKGROUND:**

On June 21, 2011 Development Services Committee received a staff report (Appendix "A") identifying and summarizing the recommendations of the Environmental Issues Committee (EIC) allocating one million dollars in South East Collector funding (Region of York and Durham) for ecological, recreational and infrastructure projects in Markham. At the June 28, 2011 Council meeting, Council approved funding allocation for two projects and deferred the funding allocation of four projects back to the Environmental Issues Committee for further discussion.

The Council approved projects include:

1. Box Grove Community Centre parkland Improvements - \$400,000;
2. "Markham Remembered" Interpretive Signage - \$5,000.

The Council deferred projects include:

3. University Entrance Scholarship Funding for York Region School Boards in the amount of \$200,000;
4. Trails Construction in Legacy and Box Grove Communities in the amount of \$250,000.
5. Locust Hill School House Stabilization and Exterior Restoration in the amount of \$120,000.
6. Dimma House On-Site House Relocation for the amount of \$25,000.

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**OPTIONS AND DISCUSSION:****1) University Entrance Scholarship Funding**

The University Entrance Scholarship Funding programs is intended to provide university/college entrance scholarships for Markham students entering environmental studies programs. The SEC enhancement program identifies an allocation of \$200,000.00 (\$100,000.00 per school board). The project was referred back to EIC, not for the funding allocation, but rather to confirm the details of the scholarship program. The EIC discussed scholarship options and suggested a meeting be held with the York Region and Catholic School Boards and EIC members to discuss financial arrangements, application of the scholarship, fund name and other agreement details. This meeting was held on November 3, 2011. Staff will continue to work with York Region on the execution of appropriate agreements.

**2) Trails Construction in Legacy and Box Grove Communities**

The Trails Construction in Legacy and Box Grove Communities is a trails construction project. This project was presented to EIC in the context of the on-going Environmental Assessment for the Multi-Use path from Toogood Pond to Milne Dam Conservation Area, and Bob Hunter Memorial Park in the Rouge Park. The SEC enhancement program allocated \$250,000.00 for the construction of trails in this area. The EIC confirmed support for trail investment between Highway 407 and 14<sup>th</sup> Avenue. The particular focus was on the construction of two bridges in this pathway segment. Upon completion and approval of the Environmental Assessment, staff will report back to Council on a trail implementation option for the Box Grove Community with a priority focus on bridge and trail linkage construction.

EIC recommended that the funding for the Trails construction be reduced from \$250,000.00 to \$240,000.00.

**3) Locust Hill School House Stabilization**

The Locust Hill School House is located at 8949 Reesor Road on TRCA lands within the Rouge Park and is currently boarded and in disrepair. The property is designated under Part IV of the *Ontario Heritage Act* is a significant historic resource in the Rouge Park. The Locust Hill School House was allocated \$120,000.00 through the SEC enhancement project which is intended to address a structural assessment in order to determine the scope of required repairs which may include building stabilization, structural repairs and water removal. The scope of the project was reviewed with EIC and it was concluded to be a priority project. Staff met with the TRCA (property owner) to review the condition of the house and to develop a strategy for stabilization. The TRCA has agreed to partner with the Town to undertake the necessary structural assessment and to undertake required repairs to secure the building for the winter. The funding allocation is expected to reimburse the TRCA through the Town, for the assessment and required structural works.

EIC recommended that the funding for the Locust Hill School House be reduced from \$120,000.00 to \$110,000.00.

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#### 4) Dimma House On-Site House Relocation

The Dimma house is a heritage building owned by the TRCA and located in the Rouge Park on the south side of 14<sup>th</sup> Avenue, east of Reesor Road. The building is located in a manner that extends over the valley 'top of bank' and is sloping towards the watercourse. The Dimma house was recommended for an allocation of \$25,000 premised on matching funding by the TRCA for a total funding of \$50,000 to cover the construction of a new foundation and the physical move of the house to the new foundation 18 metres away from the valley. The EIC has recommended the funds be conditional upon the privatization of the dwelling. Staff met with the TRCA to discuss the project details and conditions. The TRCA advised that conveyance of land or buildings may require Provincial approval of one of more Ministries based on the agreements in place that effected the original transfer of the lands from the Province to TRCA for Rouge Park purposes. The TRCA agreed to review the proposal and seek the advise and input of the Province on the Town's proposal.

EIC recommended that the funding for the Dimma House be increased from \$25,000.00 to \$45,000.00 with a condition that the TRCA is to "privatize" the Dimma house.

In summary, the project allocations approved and recommended by EIC are:

1. Box Grove Community Centre parkland Improvements - \$400,000;
2. "Markham Remembered" Interpretive Signage - \$5,000;
3. University Entrance Scholarship Funding for York Region School Boards in the amount of \$200,000;
4. Trails Construction in Legacy and Box Grove Communities in the amount of \$240,000;
5. Locust Hill School House Stabilization and Exterior Restoration in the amount of \$110,000; and,
6. Dimma House On-Site House Relocation for the amount of \$45,000.

Staff will continue to work with the Region on the finalization of implementation agreements. As detailed budgets have not yet been prepared, the Region has confirmed that some minor funding adjustments may need to occur within the scope of the six identified projects. In the event that a project cannot be implemented due to inability to coordinate partner approvals or project timing in accordance with the Region of York completion targets (2011 – 2017), funding may be re-allocated within the approved projects.

#### **FINANCIAL CONSIDERATIONS:**

The required project funding is \$800,000 which will be used over the implementation period. The project funding is through the Region of York SEC Enhancement Plan and is subject to the execution of a funding agreement between the Region of York and the Town of Markham with the understanding that the Town not upfront any funds.

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**HUMAN RESOURCES CONSIDERATIONS**

Not applicable.

**ENVIRONMENTAL CONSIDERATIONS**

The Southeast Collector projects provide environmental, recreational and cultural enhancements in the Box Grove, and Legacy communities and in the Rouge Park. The projects are consistent with the Town's Greenprint and Building Markham's Future Together Strategy.

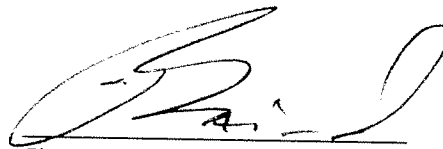
**BUSINESS UNITS CONSULTED AND AFFECTED:**

This report has been reviewed by Financial Services, Urban Design and Heritage Groups.

**RECOMMENDED BY:**



Rino Mostacci, M.C.I.P., R.P.P.  
Director of Planning and Urban Design



Jim Baird, M.C.I.P., R.P.P.  
Commissioner of Development Services

**ATTACHMENTS:**

- Appendix 1: Southeast Collector Trunk Sewer Enhancement Plan-Selection of Projects
- Appendix 2: Environment Issues Committee Minutes





## APPENDIX A

Report to: Development Services Committee

Date of Meeting: June 21, 2011 (Part B)

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<b>SUBJECT:</b>	Southeast Collector Trunk Sewer Enhancement Plan – Selection of Projects
<b>PREPARED BY:</b>	Lilli Duoba, Senior Project Coordinator, Environmental Planning & Rouge Park, extension 7925 Ruth Rendon, Senior Environmental Planner, Planning and Development, extension 6922
<b>REVIEWED BY:</b>	Tim Lambe, Manager of Policy and Research, extension 2910

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### RECOMMENDATION:

1. That the report entitled "Southeast Collector Trunk Sewer Enhancement Plan – Selection of Projects" dated June 21, 2011, be received;
2. And that Council endorse the Southeast Collector Trunk Sewer Enhancement project allocations as recommended by the Environmental Issues Committee and outlined in this report;
3. And that Council authorize staff to continue to work with the Regional Municipality of York on finalizing the final budget allocations and to secure the implementation agreements;
4. And that Major and Clerk be authorized to execute such agreements as necessary to give effect to this report, to the satisfaction of the Town Solicitor;
5. And that a copy of this report be forwarded to the Regional Municipality of York, York Region District School Board, York Region Catholic District School Board, Toronto Region Conservation Authority and the Rouge Park Alliance for information; and,
6. And that Staff be authorized and directed to do all things necessary to give effect to this resolution.

## **EXECUTIVE SUMMARY**

In February 2006, the Minister of the Environment approved Terms of Reference (ToR) for the Southeast Collector (SEC) Trunk Sewer project. The trunk sewer was required for the remaining unfinished sections of the York Durham Sewage System (YDSS) including the SEC Trunk Sewer project from 9th Line in Markham to Valley Farm Road in Pickering. This is a joint project between the Regional Municipality of York (Region of York) and Regional Municipality of Durham (Region of Durham). The ToR required a mitigation plan, as well as the development of an enhancement plan, as part of the Individual Environmental Assessment (IEA) process. Enhancements are aimed at creating a lasting improvement and positive legacy to the environment and/or human community that would not otherwise be provided through the IEA process. The Regions of York and Durham allocated 15 million dollars for the entire program of which \$7 million dollars was allocated to projects within the Town of Markham, with \$6 million dollars of the Markham allocation directed to implementation of the Bob Hunter Memorial Park (BHMP) in Rouge Park.

The SEC Enhancement Plan process undertook a number of public consultation events with the public and stakeholders to generate a list of potential projects. The Region of York then undertook a Project Feasibility Study to identify a short list of potential projects. Town staff undertook an internal review of the short list sites identified by the Region of York and identified 18 feasible projects. The projects had to address the regional criteria for ecological, recreational or infrastructure enhancements and be located within the general study area of the southeast collector trunk sewer.

The SEC Enhancement Plan was presented to Environmental Issues Committee on May 5, 2011 and the following projects and allocations were identified for Council consideration (\$1,000,000 dollars in total):

\$200,000	University Entrance Scholarship Funding for York Region School Boards
\$400,000	Box Grove Community Centre Parkland Improvements
\$250,000	Trails Construction in Legacy and Box Grove Communities
\$120,000	Locust Hill School House Stabilization and Exterior Restoration (conditional on Toronto Region Conservation Authority (TRCA) matching funding)
\$ 25,000	Dimma House On-Site House Relocation (conditional on TRCA matching funding)
\$ 5,000	'Markham Remembered' Interpretive Signage

It is recommended that Council endorse the enhancement projects recommended by the Environmental Issues Committee and authorize staff to continue to work with the Region of York to confirm the budget requirements and execute the appropriate agreements to implement the projects.

## **PURPOSE**

The purpose of this report is to bring forward recommendations for the allocation of 1 million dollars in ecological, recreational and infrastructure funding from the SEC Enhancement Plan for the Town.



## **BACKGROUND**

### ***Southeast Collector Enhancement Plan***

In October 2004, the Minister of the Environment informed the Region of York that an IEA was required for the remaining unfinished sections of the YDSS including the SEC Trunk Sewer project from 9th Line in Markham to Valley Farm Road in Pickering. Refer to **Figure 1** for SEC Trunk Sewer Study Area – Town of Markham. As the Regions jointly own and operate the existing SEC Trunk Sewer, Region of York and Durham agreed to be co-proponents for the SEC Trunk Sewer IEA.

In February 2006, the Minister of the Environment approved the ToR including, not only the requirement for a mitigation plan, but also stipulating development of an enhancement plan as part of the IEA process. Infrastructure projects such as the SEC Trunk Sewer are required to mitigate adverse effects on the environment or compensate for the adverse effects. Mitigation measures are used to avoid the adverse impact where possible and minimize the adverse impact if it cannot be avoided or rehabilitate and/or restore the environment after construction.

Enhancements are initiatives that go beyond mitigation and compensation measures to create improvements to the environment and/or human communities that would not otherwise be provided through the EA process. The co-proponents have committed to providing a positive legacy to the local community affected by the SEC Trunk Sewer Project through the formation of an Enhancement Plan.

On November 20, 2008, Region of York Council approved the Enhancement Plan for the SEC Trunk Sewer including an expenditure of 15 million dollars (7 million dollars in Markham and 8 million dollars in Pickering). The Region of York allocated funding of approximately 6 million dollars for the construction of trails, a parking lot, and woodland and wetland restoration projects over a 5 year period (2010 to 2014) in Bob Hunter Memorial Park. This project is underway which includes the recently constructed trail north of 14<sup>th</sup>. The remaining 1 million dollars has been allocated to other enhancement projects planned in Markham under the SEC project. The Region of York has requested that Markham Council confirm the funding allocation for the short listed projects.

### ***Consultation***

To identify enhancement projects for consideration, the Regions of York and Durham consulted widely with local community groups, stakeholders and agencies on Ecological, Recreational and Infrastructure Enhancements (ERIE). Consultation in Markham included the following:

- Project website
- Project phone hotline
- Public Information Forums (2005 – 2008)
- Resident outreach held in Fall 2007
- Neighbourhood Session held in Winter 2007
- Newsletters
- Meetings with the Southeast Collector Advisory Committee

This process also included several meetings with community associations, school boards, TRCA, individual citizens, stakeholders, Markham staff and agencies. Southeast collector projects were

proposed where they met the Region of York's criteria for ecological, recreational and infrastructure enhancements and where they met the locational criteria being generally in the vicinity of the proposed SEC Trunk Sewer Study Area.

***Enhancement Project Technical Review and Selection Process***

The consultations undertaken by the Region of York and Region of Durham resulted in a listing of over 140 potential projects. The Region then undertook a screening process and prepared a Feasibility Study Report which shortlisted 22 projects in the Town. At a meeting held on March 10, 2011, the Region met with Town staff to review the project list and further scope the project list. This resulted in an additional 4 sites being added to the short list for review and consideration. Staff then undertook an internal review to ensure the projects were still feasible. This resulted in a further elimination of projects that were either already completed, not clearly described or identified, did not have a committed sponsor or could not be delivered within a reasonable time frame due to property ownership issues or other constraints. The final shortlist resulted in 18 feasible projects identified in Appendix 'A'.

On May 5, 2011 staff reviewed the SEC Enhancement Plan with the Environmental Issues Committee (EIC). EIC reviewed the projects considering the following criteria:

- Is the project located within the SEC Trunk Sewer Study Area?
- Does the project meet the criteria established by the SEC for Ecological, Recreational, or Infrastructure enhancements?
- Is the project located inside or outside of the Rouge Park?
- Can the project be easily funded through another source?
- Is there an legacy and community benefit?

The following projects and allocations were recommended by Environmental Issues Committee for consideration by Council:

**1. Region of York/Markham Post Secondary Education Scholarship.**

**Region of York allocation \$200,000**

**Project Lead: Region of York**

This project has been identified as a requirement by the Region of York and a parallel project and allocation has been provided for the Region of Durham school boards. The Region has identified \$100,000 dollars for each school board to provide university/college entrance scholarships for students entering environmental studies programs. The scholarships would be targeted to Markham students. An agreement with the Town, Region of York and the school boards would be required.

**2. Box Grove Community Centre Parkland Improvements**

**Environmental Issues Committee recommended allocation \$400,000**

**Project Lead: Town of Markham (Parks and Open Space staff)**

This project was not one the original projects identified but came forward as request from the Box Grove Community Association for outdoor landscape and park improvements to the Box Grove Community Centre. See **Figure '2'** for location of site. Box Grove Community Centre is owned by the Town and operated by the Box Grove Community Association. The park space adjacent to the Box Grove Community Centre contains a tennis court, basketball

hoop and playground equipment. Parks and Open Space staff have reviewed this request and have confirmed that improvements to the site are warranted, but are not currently scheduled for funding. A full site assessment and design concept has not yet been prepared for the site, but potential improvements could include parking lot improvements, site serving, re-grading, lighting, park furnishing, and park structures including enhancements to the playground. Parks and Open Space staff in Development Services will undertake a site assessment of this project in consultation with Operations staff in Community Services to confirm appropriate site improvements for the facility within the budget allocation identified. Proposed park improvements would include consultation with the local community. Staff will report back to Development Services Committee on the recommended improvements. Refer to **Figure '3'** for photo of the parkland space.

**3. Trails Construction in Legacy and Box Grove Communities**  
**Environmental Issues Committee recommended allocation \$250,000**  
**Project Lead: Town of Markham (Engineering staff)**

The Town is currently undertaking an Municipal Class Environmental Assessment (EA) for a Multi-use Path from Toogood Pond to Milne Dam Conservation Area to Bob Hunter Memorial Park in the Rouge River Valley. This EA is part of the 5 Year Implementation Program endorsed by Council on December 13, 2010 and is also supported by the Cycling and Pedestrian Advisory Committee. The 5 year capital implementation program is valued at approximately \$10 million dollars, or \$2 million dollars per year. Funding currently available in Engineering Capital accounts would support the implementation of the first year implementation program. Budget resources will need to be identified on an annual basis to support construction, ongoing maintenance and capital upgrades of the existing and future network. The Engineering Department has advised that additional funding support for the 5 Year Implementation Program would be needed.

The three trail linkages that have been identified as potentially feasible trail projects are located in the Legacy and Box Grove communities. These sites are included in the Town's EA. Refer to **Figure '2'**. The Environmental Issues Committee recommended that the Town enter into an agreement with the Region of York to secure funding up to \$250,000 dollars to be allocated to trail construction within the Legacy and Box Grove communities upon completion of the EA process. Once the EA process is completed in 2012, staff will report back to Council on the detailed expenditure and implementation of the enhancement fund allocation.

**4. Locust Hill School House stabilization and exterior restoration**  
**Environmental Issues Committee recommended allocation \$120,000**  
**Project Lead: Town of Markham (Heritage Staff) and/or Toronto Region Conservation Authority**

The Locust Hill School House is located at 8949 Reesor Road on TRCA lands within the Rouge Park. refer to **Figure '3'**. At this time, the building is vacant, boarded and has been subjected to some vandalism. Staff believe that there is standing water in the basement but have not formally inspected the building. The property is designated under Part IV of the *Ontario Heritage Act* and is a significant historic resource within the Rouge Park. Some of the work that may need to be undertaken includes a structural assessment of the building

condition to address works needed to prevent further building deterioration, removal of the water from the basement, well and septic repair, exterior and interior site cleanup, paint removal and window repair subject to security and vandalism issues being addressed. As the property is owned by the TRCA, it is recommended that the repair costs be shared equally and that the TRCA allocate equal funding to support the restoration. Town staff have discussed this matter with the TRCA who are generally supportive of the undertaking, but further discussions are needed with both the TRCA and Rouge Park to identify the necessary funding. According to the Little Rouge Corridor Management Plan (2007), the Locust Hill Schoolhouse has been proposed as a potential location for a Welcome Centre. The use will be determined in the context of the Rouge Park North Consolidated Plan. The Town's heritage staff will review this project in further detail with the TRCA, Rouge Park and the Heritage Committee and report back to Committee with project details. See **Figure '2'** for a photo of the property.

5. **Dimma House on-site house relocation**

**Environmental Issues Committee recommended allocation \$25,000**

**Project Lead: Town of Markham (Heritage staff) and/or TRCA**

The Dimma House is located at 7933 14th Avenue on TRCA lands within the Rouge Park. See **Figure '3'**. The property is located in the floodplain and the building itself is located over the top of bank sloping towards the watercourse. The property is designated under Part IV of the *Ontario Heritage Act* and is a significant historic resource within the Rouge Park. At this time the building is vacant and is in serious need of structural repairs. In order to restore the building, it needs to be moved onto a new foundation approximately 18 metres from its current location. The combined cost of the new foundation and house relocation would be approximately \$50,000 dollars. As the property is owned by the TRCA, it is recommended that the building relocation and new foundation costs be shared equally and that the TRCA allocate funding to support the relocation. The TRCA support in principle the relocation of the house, but further discussions are required to identify a funding source. The use of the Dimma House will be determined in the context of the Rouge Park North Consolidated Plan. The Town's Heritage staff will review this project in further detail with the TRCA, Rouge Park and the Heritage Committee and report back to Committee with project details. Refer to **Figure '3'** for a photo of the building.

6. **Heritage Interpretive Signage**

**Environmental Issues Committee recommended allocation \$5,000**

**Project Lead: Town of Markham (Heritage staff)**

Markham 'Remembered' Interpretive Signage Program is managed by the Heritage staff in the Town of Markham in collaboration with local community members. The Environmental Issues Committee have recommended the allocation of the \$5,000 dollars for two plaques which would be located at the Box Grove Community Center and the Cedar Grove Community Center. Refer to **Figure '2'** for location of proposed signage.

**Next Steps**

Council's endorsement of the revised list of enhancements will enable staff to collaborate with York Region and other partners on refining the projects planned for the 2011-2014 time period and securing the necessary implementation agreements.

## **FINANCIAL CONSIDERATIONS**

There are no direct financial impacts to the Town. The approval of the SEC Enhancement Plan would result in a net benefit of \$800,000 to the Town, the Rouge Park and TRCA partners, and \$200,000 dollars to the Region of York School Boards for scholarship funding for Markham students.

## **ENVIRONMENTAL CONSIDERATIONS**

The SEC Enhancement Plan supports the Town's environmental protection goals and is consistent with the Rouge River Watershed Plan 2007 and the Markham's Greenprint Sustainability Plan.

## **TOWN PARTICIPATION**

Town staff from the Development Services and Community Services commissions have been actively involved in the SEC Enhancement Plan process and will continue to be engaged in the management and implementation of this plan. Markham Council will be updated on the progress of the projects.

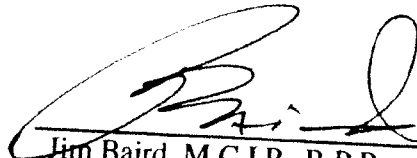
## **BUSINESS UNITS CONSULTED AND AFFECTED**

This report has been reviewed by the Legal Department and Community Services.

## **RECOMMENDED BY:**



Rino Mostacci, M.C.I.P., R.P.P.  
Director of Planning and Urban Design



Jim Baird, M.C.I.P., R.P.P.  
Commissioner of Development Services

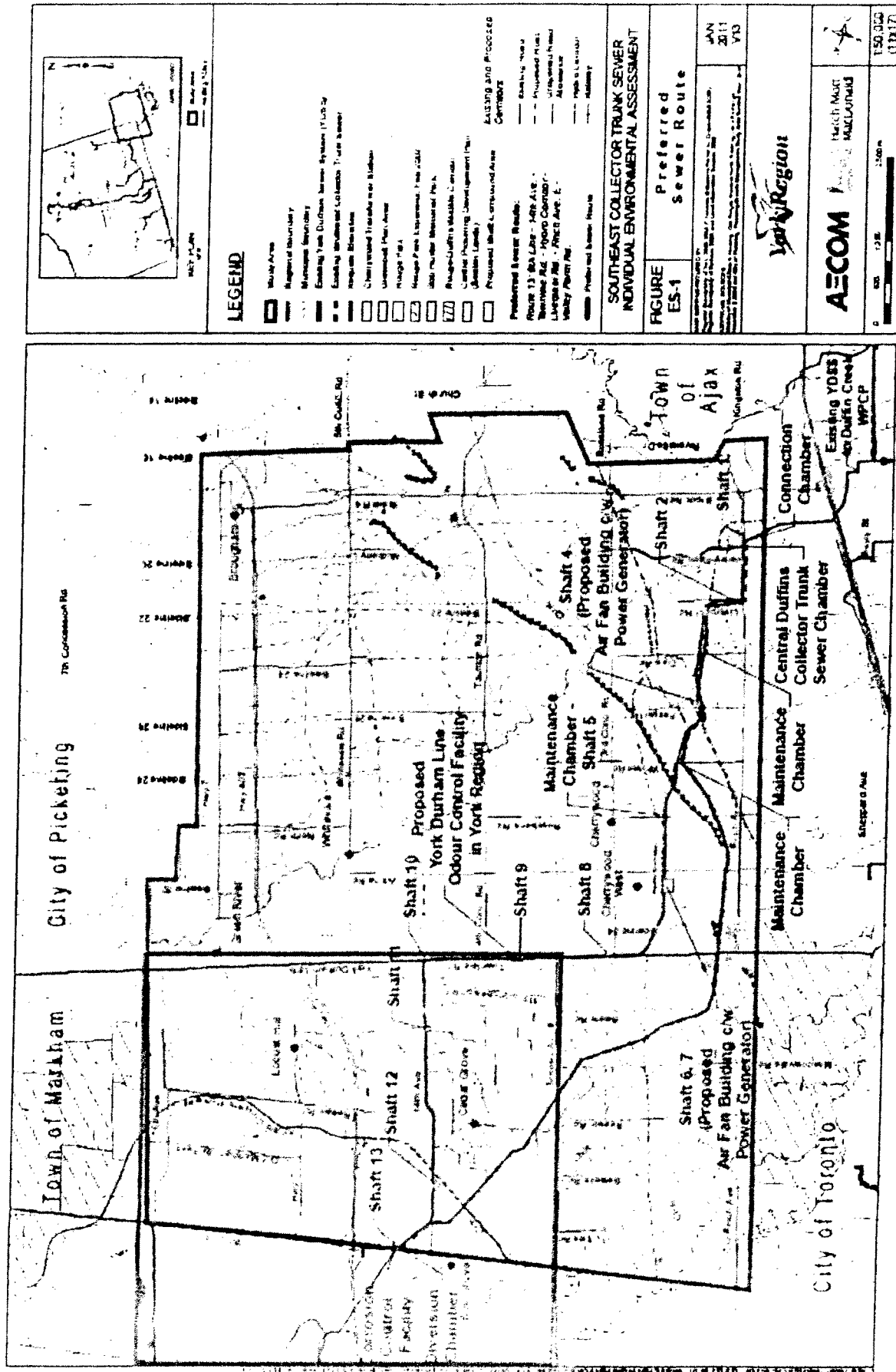
## **ATTACHMENTS**

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|---------------|---|
| Figure '1':   | Town of Markham SEC Trunk Sewer Study Area Map        |
| Figure '2':   | Town of Markham Proposed SEC Enhancement Projects     |
| Figure '3':   | Photo's of Recommended Projects                       |
| Appendix 'A': | Town of Markham Shortlist of SEC Enhancement Projects |

File Path:

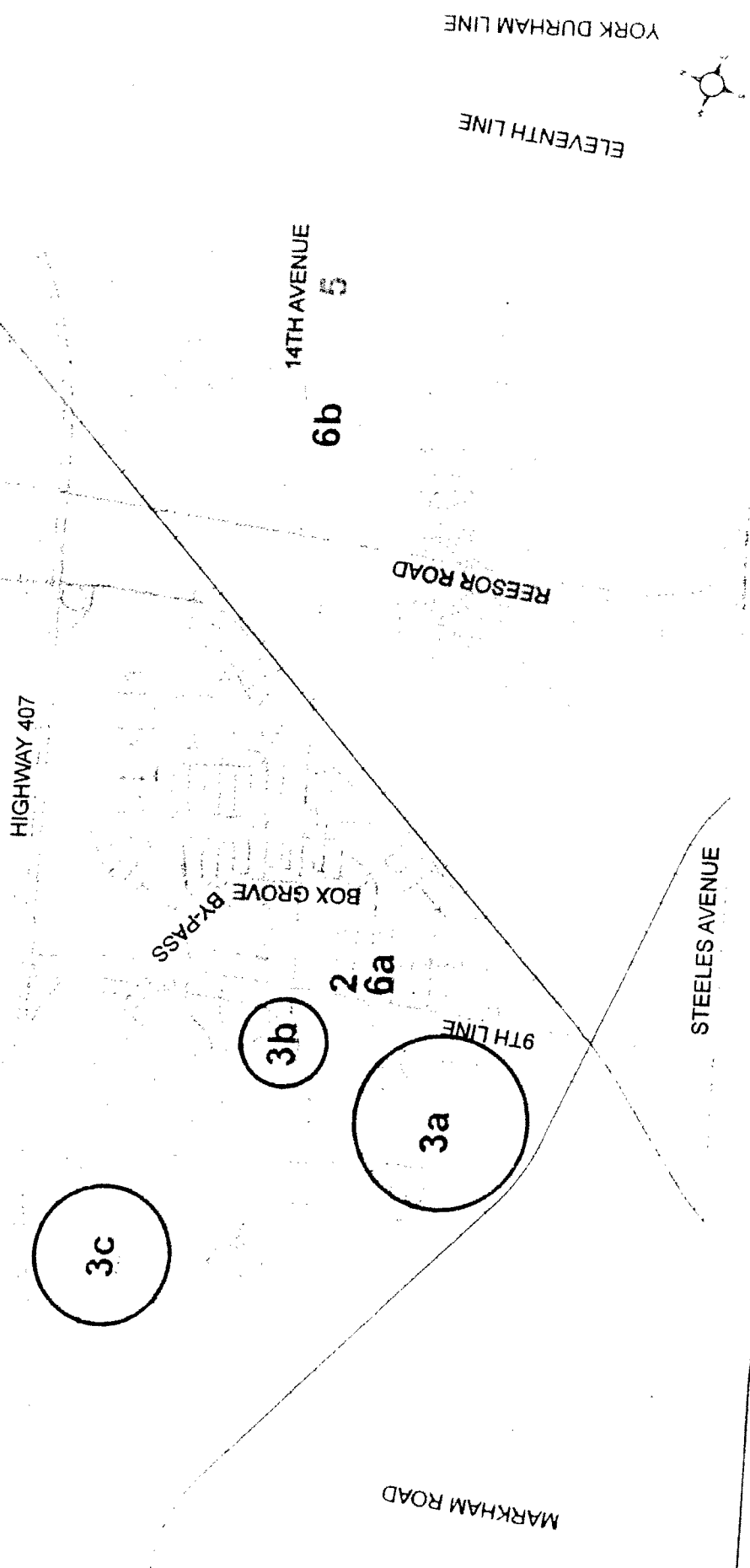
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FIGURE 1: TOWN OF MARKHAM SOUTHEAST COLLECTOR TRUNK SEWER STUDY AREA MAP



**Figure      wn of Markham Proposed Southeast Collec,      Enhancement Projects**

- 1. Southeast Collector Scholarship Fund (site not applicable)
- 2. Box Grove Community Centre
- 3. Proposed Trail Linkages
  - 3a. West side Rouge River, south of Tomlinson Park
  - 3b. 14th Ave north side, west of Legacy Park to the Rouge River
  - 3c. Rouge River Valley east of Chatelaine Drive
- 4. Locust Hill School House
- 5. Dimma House
- 6. Heritage Interpretive Signs
  - 6a. Box Grove Community Centre
  - 6b. Cedar Grove Community Centre



**FIGURE 3: PHOTO'S OF RECOMMENDED PROJECTS**

**BOX GROVE COMMUNITY CENTRE PARKLAND IMPROVEMENTS**



**LOCUST HILL SCHOOL HOUSE STABLIZATION AND EXTERIOR RESTORATION**

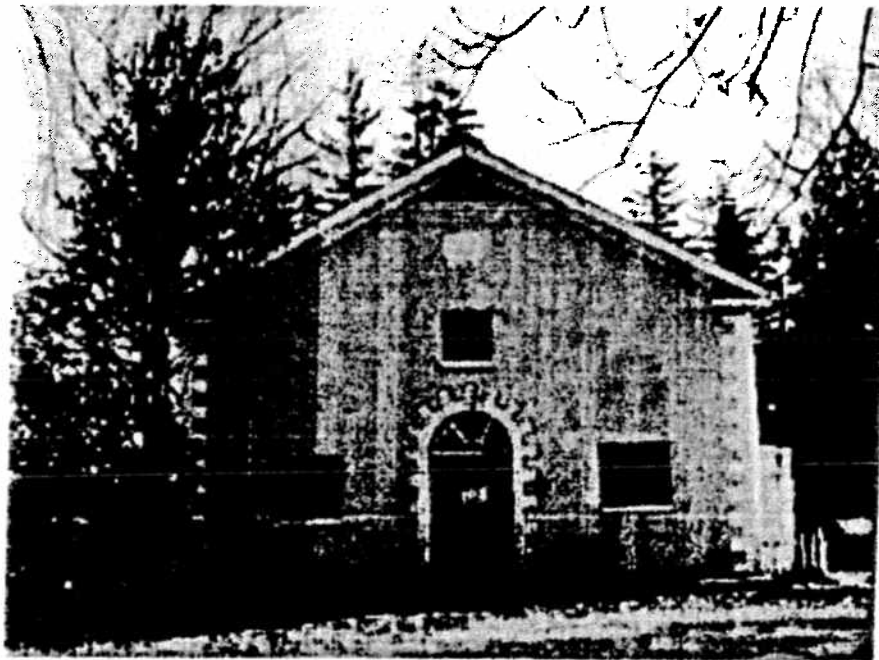




FIGURE 3: PHOTO'S OF RECOMMENDED PROJECTS

DIMMA HOUSE ON-SITE RELOCATION



# APPENDIX A - TOWN OF MARKHAM SHORTLIST OF SOUTHEAST COLLECTOR ENHANCEMENT PROJECTS

NO.	NAME	COMMENTS
<b>BOARD OF EDUCATION</b>		
1	Southeast Collector Scholarship Fund Ref No: 6 (E - 28)	<ul style="list-style-type: none"> <li>\$200,000 recommended - \$100,000 for each school board</li> <li>Scholarship to be provided to Markham students pursuing post-secondary education with an environmental focus.</li> <li>Benefits associated with instilling greater awareness and support for environmental priorities in the community.</li> <li>High benefit for stewardship and educational initiatives.</li> </ul>
2	Support for Eco-School Initiatives - York Region School Board Ref No: 7 (S3)	<ul style="list-style-type: none"> <li>York Region recommending \$50,000 - \$60,000 for each school board to support programs such as outdoor classrooms and other greening initiatives.</li> <li>Proposed projects would promote environmental enhancements and ecological awareness through education programs.</li> <li>It may be possible for this project to funnel through the Town of Markham Environmental Sustainability Fund.</li> </ul>
<b>MARKHAM TRAIL PROJECTS</b>		
3	Trail Development Rouge River Corridor: Box Grove - west side of the Rouge River, south of Tomlinson Park Ref No: 16 (R5(1))	<ul style="list-style-type: none"> <li>This trail linkage starts at the southern end of Tomlinson Park and terminate north of the existing golf course at the existing stormwater management pond. This trail is proposed to connect to the northern alignment which currently exists. \$110,000 was originally proposed for this project.</li> <li>Trail would be owned and maintained by the Town of Markham.</li> <li>This project is within the study area of the current Toogood Pond to Milne Dam Conservation Area to Bob Hunter Memorial Park (BHMP) EA which is proposed to be completed by fall 2011.</li> <li>Potential to provide passive recreation benefits primarily for the adjacent residential community.</li> </ul>
4	Trail Development Rouge River Corridor: Box Grove - 14th Avenue north side, west of Legacy Park to Rouge River Ref No: 17 (R5(2))	<ul style="list-style-type: none"> <li>This trail is located in the floodplain of the Rouge River at the 14th Avenue bridge and would provide access from the northeast and northwest side of Rouge River to connect to existing sidewalks and trails on the south side of 14th Avenue. \$574,000 was originally proposed for this project.</li> <li>This enhancement can be easily implemented and offers benefits to a wide range of stakeholders.</li> <li>Trail would be owned and maintained by the Town of Markham.</li> <li>Projects are within the study area of the current Toogood Pond to Milne Dam Conservation Area to BHMP EA which is proposed to be completed by fall 2011.</li> <li>Potential to provide passive recreation benefits primarily for the adjacent residential community.</li> </ul>
5	Trail Development Rouge River Corridor: Rouge River Valley east of Chatelaine Drive Ref No: 21 (R5(4))	<ul style="list-style-type: none"> <li>The proposed trail site is located on the west edge of the Rouge River and ends south of Highway 407. Potential to extend the trail in the Rouge River corridor north of Highway 407 to Milne Dam Conservation Area. Costing was not estimated for this project.</li> <li>Projects are within the study area of the current Toogood Pond to Milne Dam Conservation Area to BHMP EA which is proposed to be completed by fall 2011.</li> <li>The lands within this corridor include both public and private parcels. Property constraint issues.</li> <li>Potential to provide passive recreation benefits primarily for the adjacent residential community.</li> </ul>
<b>MARKHAM COMMUNITY INFRASTRUCTURE</b>		
6	Improvements to the Box Grove Community Centre	<ul style="list-style-type: none"> <li>Box Grove Community Centre is owned by the Town of Markham and operated/maintained by the Box Grove Community Association.</li> </ul>

# APPENDIX A - TOWN OF MARKHAM SHORTLIST OF SOUTHEAST COLLECTOR ENHANCEMENT PROJECTS

13	Improvements/Restoration to Dimma House (7933 14th Avenue) Ref No: 26 (New)	<ul style="list-style-type: none"> <li>The Dimma House is a designated a historical site and vacant building within Rouge Park owned by the YKCA.</li> <li>The building is located on the top of bank extending into in the floodplain.</li> <li>The priority for this building is to relocate the building on site and remove the structure from the floodplain.</li> <li>The project involves moving the building on site away from the floodplain onto a new foundation.</li> <li>Partnership with the Rouge Park and Toronto Region Conservation Authority should be sought for matching funding.</li> </ul>
<b>ROUGE PARK RESTORATION</b>		
14	Aquatic Ecosystem Improvements Ref No: 1 (IAR - E013)	<ul style="list-style-type: none"> <li>This project involves Mussel Habitat rehabilitation and Species at Risk (SAR) investigations on the Little Rouge Watershed.</li> <li>Little information provided on the project.</li> <li>Rouge Park Natural Heritage Program undertook similar SAR investigations in the past.</li> <li>This project involves the restoration and planting of lands adjacent to an amphibian breeding location west of bend on Highway 7 near Townline Road along the east side of the Little Rouge Corridor, north of Locust Hill.</li> <li>Project may impact existing agricultural operations.</li> <li>Benefit to the natural environment.</li> <li>Could be funded through the Rouge Park Natural Heritage Program.</li> </ul>
15	Forest Connectivity Improvement Ref No: 2 (IAR - E019)	<ul style="list-style-type: none"> <li>The project involves forest enhancement at a site located on 14<sup>th</sup> avenue, east of the Little Rouge Creek.</li> <li>May impact existing agricultural operations.</li> <li>Benefit to the natural environment.</li> <li>Could be funded through the Rouge Park Natural Heritage Program.</li> </ul>
16	Forest Habitat Enhancement Riparian/Woodland Restoration Ref No: 4 (IAR - E035)	<ul style="list-style-type: none"> <li>This project involves native restoration and plantings on a site located west of the Little Rouge Corridor, south and east of 16th Ave and Reesor Rd.</li> <li>Project would increase the width of valley corridor and improve habitat around amphibian breeding.</li> <li>Rouge Park undertaking similar enhancement projects.</li> <li>Could be funded through the Rouge Park Natural Heritage Program.</li> <li>This project is located west of the Little Rouge Corridor.</li> <li>Build snake hibernacula to increase and enhance snake habitat.</li> <li>TRCA eliminated this project because this project can be integrated into other ecological enhancements. Also, could be funded through the Rouge Park Natural Heritage Program.</li> </ul>
17	Native Plant Restoration Ref No: 9 (IAR-E 026)	
18	Snake Habitat Creation Ref No: 11 (IAR-E 048)	

*\*Project in italics and bolded are those recommended by the Environmental Issues Committee on April 12, 2011.*

# APPENDIX A - TOWN OF MARKHAM SHORTLIST OF SOUTHEAST COLLECTOR ENHANCEMENT PROJECTS

	Facility (7651 9th Line, south of 14th Avenue) Ref No: 15 (R3)	<ul style="list-style-type: none"> <li>The project originally identified for a new sewer connection, basement leak repair and window replacements.</li> <li>Markham funded a new sanitary sewer and landscape improvements in 2011. Interior improvements have not been considered.</li> </ul>
7	Improvements to Box Grove Community Centre (7651 9th Line, south of 14th Avenue) Ref No: 23 (New)	<ul style="list-style-type: none"> <li>The need for extensive exterior improvements to the Box Grove Community Centre was identified by the Box Grove Community Association.</li> <li>Proposed improvements identified include: site serving, re-grading, lighting, site furnishing, parking lot improvements, and park structures including enhancements to the playground.</li> </ul>
8	Improvements/Restoration to Cedar Grove Community Center (7667 14 <sup>th</sup> Avenue) Ref No: 25 (New)	<ul style="list-style-type: none"> <li>Cedar Grove Community Centre is owned by the Town of Markham and managed by Cedar Grove Community Association.</li> <li>Building has been designated a Heritage Building in 1979. The building is in good condition.</li> </ul>
<b>MARKHAM CULTURAL</b>		
9	Markham 'Remembered' Interpretive Signage Ref No: 19 (R4)	<ul style="list-style-type: none"> <li>This project would involve the placement of heritage interpretive signage at key properties.</li> <li>Possible sites suggested are Box Grove Community Center and/or Cedar Grove Community Centre.</li> <li>The cost of signage is approximately \$2500.00 dollars per sign.</li> </ul>
<b>ROUGE PARK INFRASTRUCTURE</b>		
10	Restoration of the Locust Hill (former) Schoolhouse (8949 Reesor Road)  Ref No: 14 (IAR-R007/R2)	<ul style="list-style-type: none"> <li>This property is located in Rouge Park (east of Reesor Road and south of 16<sup>th</sup> Avenue) and owned by Toronto Region Conservation Authority (TRCA).</li> <li>Schoolhouse is currently vacant and boarded..</li> <li>This project includes the extensive restoration works to stabilize the building and prevent further damage to the building structure. This property is considered high priority by Heritage staff due to its poor condition.</li> <li>This site has been identified for potential public uses and could support a trailhead and other community uses.</li> <li>This project has significant costs and because the property is not owned by the Town, potential opportunities for partnerships and matching funding between Rouge Park and TRCA should be explored.</li> </ul>
11	Improvements/Restoration to Reesor Mennonite Meeting House and Cemetery (7070 York Durham Line) Ref No: 22 (R17)	<ul style="list-style-type: none"> <li>This site located north of Steeles, west side of Townline Road.</li> <li>The site is within Rouge Park and is vacant.</li> <li>The property is managed by Cedar Grove community members. Further work would be required to understand community needs and priorities.</li> <li>Building is currently in good condition.</li> </ul>
12	Improvements/Restoration to Temperance Hotel. (7877 Hwy 7 E) Ref No: 24 (New)	<ul style="list-style-type: none"> <li>The Temperance Hotel is located in the community of Locust Hill. The building is vacant and boarded.</li> <li>Owned by Ontario Realty Corporation. No immediate plans identified for the building.</li> <li>Remedial work is required to stabilize building.</li> <li>This project would help to preserve an important historical building.</li> </ul>



**APPENDIX B**  
**MINUTES**  
**ENVIRONMENTAL ISSUES COMMITTEE**

**September 20, 2011**

**3:00 PM**

**Ontario Room**

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**Members of Council**

Deputy Mayor Jack Heath  
Regional Councillor Joe Li  
Councillor Valerie Burke  
Councillor Howard Shore  
Councillor Don Hamilton

**Staff**

Lilli Duoba, Senior Project Coordinator  
David Pearce, Manager Real Property  
Elizabeth Wimmer, Senior Environmental Planner  
Dave Miller, Manager East District  
Regan Hutcheson, Manager Heritage  
Alida Tari, Council/Committee Coordinator

**Others**

Tamara Kondrachova, York Region  
Grant Robertson, York Region  
Jay, MMM Group

The Environmental Issues Committee convened at 1:50 PM with Deputy Mayor Jack Heath as Chair.

**1. SOUTHEAST COLLECTOR ENHANCEMENT PROJECT**

Ms. Lilli Duoba, Senior Project Coordinator delivered a PowerPoint presentation regarding the Southeast Collection Enhancement Project. She advised the Committee that at the June 28, 2011 Council meeting the following funding allocations were referred back to the Environmental Issues Committee:

- University Entrance Scholarship Funding for York Region School Boards (\$200,000)
- Trails Construction in Legacy and Box Grove Communities (\$250,000)
- Locus Hill School House Stabilization and Exterior Restoration(\$120,000)
- Dimma House On-site House Relocation (\$25,000)

University Entrance Scholarship Funding for York Region School Boards

Ms. Tamara, York Region advised the Committee that the capital amount of \$200,000 would be placed with a financial institute and the interest amount would be distributed as grants each year. She noted that the Southeast Collector Enhancement Projects are anticipated to be completed by 2017.

There was discussion regarding the potential interest rates received on the \$100,000. The Committee suggested that the grants be distributed to schools Town wide and aim for a grant amount of \$750 per student.

Deputy Mayor Jack Heath advised that Markham District Energy Inc. (MDEI) has a Markham District Energy Sustainability Bursary program with established criteria that can be used as a basis for the establishment of criteria for this grant program.

Trails Construction in Legacy and Box Grove Communities

Mr. Jay, MMM Group addressed the Committee and reviewed potential trail projects, including bridge crossings that are currently being considered by a Community Liason Committee. It was noted that this funding could support the construction of a few potential trail linkages once the Environmental Assessment process is completed. The Town of Markham will have to enter into an agreement with York Region.

Locus Hill School House Stabilization and Exterior Restoration

Staff advised that the \$120,000 will be used for stabilization of the Locus Hill School House. Staff indicated that the house currently has water in the basement that will need to be removed and repaired.

Dimma House On-site House Relocation

Staff advised that the \$25,000 funding is intended to pay for half of the cost to relocate the house and build a new foundation. The Toronto and Region Conservation Authority (TRCA) are to contribute the other half of the required funding.

There was discussion with respect to the Town of Markham funding the entire cost to relocate the house and to build the new foundation with a condition that the TRCA privatize the Dimma House.

Moved by Regional Councillor Joe Li  
Seconded by Councillor Valerie Burke

That the Southeast Collection Enhancement funding be distributed as follows:

- University Entrance Scholarship Funding for York Region School Boards (\$200,000)
- Trails Construction in Legacy and Box Grove Communities (\$240,000)
- Locus Hill School House Stabilization and Exterior Restoration (\$110,000)
- Dimma House On-site House Relocation (\$45,000); and,

That the Town of Markham use the \$45,000 funding to re-locate and build a new foundation for the Dimma House subject to the Toronto and Region Conservation Authority (TRCA) allowing the home to be privatized.

CARRIED

**ADJOURNMENT**

The Environmental Issues Committee adjourned at 2:50 PM