



**PUBLIC AGENDA
STANDING POLICY COMMITTEE
ON ENVIRONMENT, UTILITIES
AND CORPORATE SERVICES**

Tuesday, March 8, 2016, 2:00 p.m.

Council Chamber, City Hall

Committee Members:

Councillor A. Iwanchuk (Chair), Councillor Z. Jeffries (Vice-Chair) , Councillor E. Olauson , Councillor M. Loewen, Councillor P. Lorje, His Worship Mayor D. Atchison (Ex-Officio)

Pages

- 1. CALL TO ORDER**
- 2. CONFIRMATION OF AGENDA**
- 3. DECLARATION OF CONFLICT OF INTEREST**
- 4. ADOPTION OF MINUTES**

Recommendation

That the minutes of Regular Meeting of the Standing Policy Committee on Environment, Utilities and Corporate Services held on February 9, 2016 be adopted.

- 5. UNFINISHED BUSINESS**
- 6. COMMUNICATIONS (requiring the direction of the Committee)**

6.1 Delegated Authority Matters

Recommendation

That the requests for extension to The Noise Bylaw as outlined in 6.1.1 to 6.1.3 be approved subject to any administrative conditions.

- | | | |
|--------------|---|--------------|
| 6.1.1 | Noise Bylaw Extension, The Saskatchewan Blue Cross MS Walk, May 1, 2016, 10:00 a.m. to 2:00 p.m., Archibald Arena and Meewasin Valley trail, Rebecca Button, Community Engagement Coordinator - North, MS Society of Canada - SK Division [File CK. 185-9] | 6 - 6 |
| 6.1.2 | Noise Bylaw Extension, The Saskatoon Road Runner's | 7 - 7 |

Association & 38th Annual Saskatchewan Marathon, May 29, 2016, 6:30 a.m. to 3:00 p.m., St. Henry Avenue (between Prairieland Park & Diefenbaker Park), Jeff Culbert [File CK. 185-9]

- 6.1.3 Noise Bylaw Extension, Subaru Saskatoon Triathlon, June 25, 2016, 12:00 p.m. to 5:30 p.m. and June 26, 2016, 9:00 a.m. to 2:00 p.m., River Landing, Evan Taylor, Race Director [File CK. 185-9] 8 - 8

- 6.1.4 2016 Goals and Objectives - Saskatoon Environmental Advisory Committee (File CK. 175-9) 9 - 10

The Saskatoon Environmental Advisory Committee has approved the submission of their 2016 Goals and Objectives.

A request to speak from Ms. Kathleen Aikens and Mr. Brian Sawatzky, Saskatoon Environmental Advisory Committee, dated February 25, 2016 is provided.

Recommendation

That the 2016 Goals and Objectives of the Saskatoon Environmental Advisory Committee dated February 11, 2016, be received as information.

- 6.1.5 Letter of Support for Saskatchewan Environmental Society's Greenhouse Gas Emissions Recommendations (File CK. 375-4) 11 - 12

The Saskatoon Environmental Advisory Committee has submitted a letter of support for the Saskatchewan Environmental Society's (SES) greenhouse gas emissions recommendations.

Recommendation

That the letter of support from the Saskatoon Environmental Advisory Committee dated February 11, 2016, be received as information.

6.2 Matters Requiring Direction

6.3 Requests to Speak (new matters)

7. REPORTS FROM ADMINISTRATION

7.1 Delegated Authority Matters

- 7.1.1 Interim Report - Climate Adaptation Strategies - Infrastructure (File CK. 7550-1 and AF. 7550-1) 13 - 22

Recommendation

That the Report of the CFO/General Manager, Asset & Financial Management Department dated March 8, 2016, be received as information.

- 7.1.2 Civic Operations Centre - Capital Project #1584 - Construction Update (Files CK. 600-27, CC. 600-1 and 600-2) 23 - 25**

Recommendation

That the report of the General Manager, Transportation & Utilities Department dated March 8, 2016, be received as information.

- 7.1.3 8th Street East and Lorne Avenue Sanitary Chamber Installation - Emergency Design-Build - Update (Files CK. 7820-1 and TS. 7820-1) 26 - 28**

Recommendation

That the report of the General Manager, Transportation & Utilities Department dated March 8, 2016, be received as information.

7.2 Matters Requiring Direction

- 7.2.1 Winter City Strategy Preparations (Files CK. 5600-1 and CP. 5600) 29 - 37**

Recommendation

That the report of the General Manager, Corporate Performance Department dated March 8, 2016, be forwarded to City Council for information.

- 7.2.2 MS Project Online Implementation Services and Support - Request for Proposal Award (File CK. 261-1) 38 - 41**

Recommendation

That the Standing Policy Committee on Environment, Utilities and Corporate Services recommend to City Council:

1. That a contract with Agora Consulting Partners Inc. be approved for the design and deployment of a comprehensive enterprise Project and Portfolio Management solution utilizing Microsoft Project Online within the City of Saskatoon's IT Division. The contract would run for approximately 6 month project engagement at

- an estimated fee of \$156,600, plus applicable taxes; and
2. That Materials Management be authorized to issue the necessary Purchase Order.

7.2.3 Progress Report on the Truth and Reconciliation Commission of Canada Calls to Action (Files CK. 5615-1 and CP. 364-185) 42 - 55

Recommendation

That the report of the General Manager, Corporate Performance Department dated March 8, 2016, be forwarded to City Council for information.

7.2.4 St. Mary's Church Storm Water Drainage - 211 Avenue O South (Files CK. 7820-2 and TS. 7820-1) 56 - 61

Recommendation

That the Standing Policy Committee on Environment, Utilities and Corporate Services recommend to City Council:

That the Administration provide in-kind engineering assistance to St. Mary's Church to design effective storm water drainage for their property.

7.2.5 2016 Lead Service Line Replacement Funding (Files CK. 7780-1 and IS. 7780-1) 62 - 65

Recommendation

That the Standing Policy Committee on Environment, Utilities and Corporate Services recommend to City Council:

1. That \$750,000 be transferred from the Water & Wastewater Stabilization Reserve to the Infrastructure Replacement Reserve – Water and Sanitary Sewers; and
2. That funding from the Infrastructure Replacement Reserve for Capital Project #1615 – Water Distribution be increased by \$750,000, to facilitate an accelerated 2016 Lead Service Line Replacement program as outlined in this report.

8. MOTIONS (NOTICE PREVIOUSLY GIVEN)

9. GIVING NOTICE

10. URGENT BUSINESS

11. IN CAMERA SESSION (OPTIONAL)

12. ADJOURNMENT

185-9



Saskatchewan Division
22-1738 Quebec Ave
Saskatoon, Saskatchewan S7K 1V9
Telephone: (306)-244-2114
Toll Free: 1-800-691-0890
Fax: (306)-665-3376
www.mssociety.ca

February 8, 2016

City Clerk's Office
222 – 3rd Avenue North
Saskatoon, SK S7K 0J5

Dear, His Worship the Mayor and City Council Members,

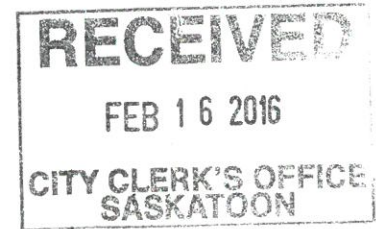
The Saskatchewan Blue Cross MS Walk is coming up once again on Sunday May 1st, 2016 in support of the MS Society of Canada – Saskatchewan Division. Our event is mainly indoors at the Archibald Arena, however the Walk portion of the event is along the Meewasin Valley trail and kicks off at 10:00am with the North Saskatchewan Regiment Pipes and Drums playing just outside the Arena's overhead door. Since our kick-off is prior to the current bylaw time, I am requesting an extension of the Amplified Sound Bylaw for our event on Sunday May 1st for 10:00am. – 2:00 p.m.

We have been in contact with the Richmond Heights Community Association President who will be informing the community of our upcoming event at their next meeting and they will try to make a post through their social media pages as well.

Thank you,

Rebecca Button
Community Engagement Coordinator – North
MS Society of Canada - Saskatchewan Division
P: 306-244-2114 ext. 5052
E: rebecca.button@mssociety.ca

From: Jeff Culbert <jculbert@onpurpose.ca>
Sent: Tuesday, February 16, 2016 12:35 PM
To: City Council
Subject: Form submission from: Write a Letter to Council



Submitted on Tuesday, February 16, 2016 - 12:34
Submitted by anonymous user: 142.165.205.224
Submitted values are:

Date: Tuesday, February 16, 2016
To: His Worship the Mayor and Members of City Council
First Name: Jeff
Last Name: Culbert
Address: 131 Wall Street
City: Saskatoon
Province: Saskatchewan
Postal Code: S7K 6C2
Email: jculbert@onpurpose.ca
Comments:

We (The Saskatoon Road Runner's Association & 38th Annual Saskatchewan Marathon) are requesting a permit for a noise by-law. (#8244)
Our event/marathon takes place on Sunday, May 29th...we will be on-site by 5am with participants & family arriving around 7am. We request that you will waive the noise by-law so we may have our stage/sound active by 6:30am and are requesting the noise by-law for these early times. Our event will be over and cleaned up by 3pm. Our event will be happening along St. Henry Ave (between Prairieland Park & Diefenbaker Park).

Thanks for your time and consideration,
Jeff Culbert & 2016 marathon committee
jculbert@onpurpose.ca
306-652-1487

The results of this submission may be viewed at:
<https://www.saskatoon.ca/node/398/submission/66668>

185-9

SUBARU SASKATOON TRIATHLON FESTIVAL

5i50 SPRINT  SUPER SPRINT

RECEIVED
FEB 18 2016
CITY CLERK'S OFFICE
SASKATOON

Send to: City of Saskatoon – The City Clerks Office
Attention: His Worship the Mayor and Members of City Council
RE: REQUEST FOR NOISE BYLAW EXTENSION
Date: February 17, 2016

Dear His Worship the Mayor and Members of City Council:

The Subaru Saskatoon Triathlon will be taking place in Saskatoon on June 25 and June 26 2016. The weekend involves Registration, Expo and an Iron Kids' Fun Run on Saturday June 25, and the race takes place Sunday June 26. Our events on Saturday will be held from 12:00 pm to 5:30 pm, within the noise bylaw hours. However, the event on Sunday will take place at River Landing from approximately **9:00 am to 2:00 pm**. These are not within the noise bylaw hours of 1:00pm – 6:00pm so **I am requesting an extension of the Sunday hours for our event**. We will have an announcer during these hours and possibly some music. The intent will be for spectators and participants of the event to be able to hear the announcements/music from within the River Landing area.

Thank you for your consideration.
Sincerely,

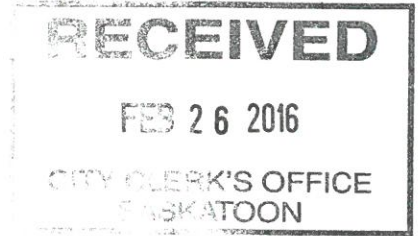


Evan Taylor
Race Director

IRONMAN Canada
IRONMAN 70.3 Victoria
5i50 Saskatoon Triathlon
Living Sky Triathlon
4269 Station Rd
Vineland Station
Ontario L0R 2E0
604 902 6369
evan.taylor@ironman.com
www.ironman.ca

175-9

From: Kathleen Aikens <kathleen.aikens@gmail.com> on behalf of Kathleen Aikens <kathleen.aikens@gmail.com>
Sent: February 25, 2016 3:49 PM
To: City Council
Subject: Form submission from: Write a Letter to Council



Submitted on Thursday, February 25, 2016 - 15:48
Submitted by anonymous user: 128.233.13.246
Submitted values are:

Date: Thursday, February 25, 2016
To: His Worship the Mayor and Members of City Council
First Name: Kathleen
Last Name: Aikens
Address: 216 32nd St. W, Saskatoon, SK
City: Saskatoon
Province: Saskatchewan
Postal Code: S7L 0S4
Email: kathleen.aikens@gmail.com

Comments: The Saskatoon Environmental Advisory Committee (SEAC) has submitted a communication to the Standing Policy Committee on Environment, Utilities, and Corporate Services entitled "2016 Goals & Objectives- Saskatoon Environmental Advisory Committee." Committee chair Kathleen Aikens and Vice Chair Brian Sawatzky request to make a brief presentation to the SPC in relation to these objectives.

The results of this submission may be viewed at:
<https://www.saskatoon.ca/node/398/submission/70345>

February 11, 2016

2016 Goals and Objectives - Saskatoon Environmental Advisory Committee (SEAC)

In 2016, the Saskatoon Environmental Advisory Committee will:

1. Advocate for the creation of a Climate Change strategy for the City of Saskatoon, including a comprehensive greenhouse gas (GHG) emissions reduction plan.
 - A. SEAC will advocate for reduction in GHG emissions through strategic initiatives, as appropriate, in the domains of:
 - i) Building Codes and Neighbourhood Design
 - ii) Electricity Generation and Renewable Energy Sources
 - iii) Industrial Emissions
 - iv) Transportation
 - v) Public Education
 - B. SEAC will advocate for the revival of the Solar City Initiative (or similar program), which had been developed by the City in 2014 but was not funded in 2015.
 - C. SEAC will continue to monitor and advise on work related to water and wetland conservation and storm-water planning.
2. Continue to develop greater linkages with Council's Standing Policy Committee on Environment, Utilities and Corporate Services, through the provision of monthly in-person reports of SEAC members to the Standing Policy Committee, and formal communication of annual goals.
3. Continue to support city-wide waste diversion initiatives as opportunities arise, through formal advocacy (i.e. providing letters of support) on organic waste diversion options.

February 11, 2016

Standing Policy Committee on Environment,
Utilities and Corporate Services**Re: Letter of Support for the Saskatchewan Environmental Society's
Greenhouse Gas Emissions Recommendations
(File No. CK. 375-4)**

The Saskatoon Environmental Advisory Committee submits this communication in support of the "Greenhouse Gas Recommendations" and letter to Council from the Saskatchewan Environmental Society (SES), submitted to Council on January 25, 2016. These documents were considered at the January 7, 2016 meeting of SEAC.

As part of its responsibility in reducing greenhouse gas (GHG) emissions, we commend the City on its work to date in the domain of environment and sustainability, including signing the Compact of Mayors (2015), and the decision to pursue a city-wide GHG inventory. This work must be followed by an emissions-reduction strategy, such as articulated by SES. We offer our support to an emissions reduction strategy that focuses on the following six key areas, as align with SEAC's 2016 goals:

- 1) Construction and Energy Codes
- 2) Neighbourhood Design and Densification
- 3) Energy Generation Opportunities in Solar, Wind, and Hydro
- 4) Transportation
- 5) Industrial Sector, and
- 6) Public Education.

In alignment with SES, we understand climate change to be the most significant long-term challenge facing the City of Saskatoon, and indeed, the province, country, and globe. We note that at the 2015 United Nations Climate Change Conference (COP21), Canada committed to limiting global temperature increase to an average of 1.5 degrees. Achieving this goal will require coordinated and committed efforts at all levels of government. The federal government, along with the provincial and territorial Ministers of the Environment, has initiated a pan-Canadian framework to address climate change (Environment and Climate Change Canada, 2016a). Yet, Environment Canada's own

February 11, 2016
Page 2

projections signal that there is still an enormous amount of work to be done in order to reduce emissions and meet federal targets for 2020 and 2030 (Environment and Climate Change Canada, 2016b). We hope that SEAC can support the City of Saskatoon in achieving emissions reductions so as to meet these ambitious climate targets.

References:

Environment and Climate Change Canada. 2016a. Federal, provincial and territorial governments working together on first steps towards a pan-Canadian framework to address climate change. Retrieved from: <http://news.gc.ca/web/article-en.do?nid=1030449>

Environment and Climate Change Canada. 2016b. Canada's Greenhouse Gas Emissions Projections in 2020 and 2030. Retrieved from: <http://news.gc.ca/web/article-en.do?nid=1030489>

Yours truly,



Debby Sackmann, Committee Assistant
Saskatoon Environmental Advisory Committee

DS:rmr

Interim Report – Climate Adaptation Strategies – Infrastructure

Recommendation

That the information be received.

Topic and Purpose

The purpose of this interim report is to provide information regarding the City of Saskatoon's (City) preparation for, and response to, severe weather events as it relates to key infrastructure assets.

Report Highlights

1. There are several measures in place or in progress to prepare for, and respond to, severe weather events in relation to key infrastructure and through the Corporate Risk Program and Corporate Asset Management Plan. Further refinement to asset planning and the retrofitting of existing assets will ensure infrastructure can be resilient during extreme weather events.
2. The Major Natural Events Reserve has a zero balance, and there are no regular or budgeted contributions to this reserve.

Strategic Goal

This report supports the four-year priority to consider mitigation strategies for the impact of severe weather events on the City's infrastructure under the Strategic Goal of Environmental Leadership.

Background

On September 28, 2015, the Standing Policy Committee on Environment, Utilities & Corporate Services resolved:

“That the Administration report back as soon as possible with the following information:

- steps for implementing systems in key departments which would evaluate new infrastructure and projects (and retrofits to existing infrastructure/projects) to ensure adequate performance in a variety of weather conditions including extreme events.
- additional information speaking to the adequacy of current funding approaches to dealing with possible changing weather conditions and their impacts on civic assets and services.”

At the January 11, 2016, meeting of the Standing Policy Committee on Environment, Utilities & Corporate Services, a question regarding the current balance and purpose of the Major Natural Event Reserve was raised.

Report

Current Strategies and Gap Identification

As an interim measure, the Administration has prepared this status report outlining the initiatives, design of infrastructure and maintenance standards that currently mitigate the impact of severe weather events on the City's infrastructure.

For the purpose of this assessment, the following major climate change risk conditions and extreme events were identified:

- prolonged drought;
- prolonged wet weather conditions;
- intense rain events with flooding;
- damaging winds;
- heavy snowfall event/blizzard;
- mild winter with freeze/thaw cycles and icing;
- extreme heat or cold; and
- pests and invasive species.

Attachment 1 is a summary of the actions taken and implemented to date, as well as plans to address the readiness and risk mitigation strategies related to the climate change impact on the City's key infrastructure (e.g. water system, wastewater system, storm water system, parks, urban forestry, electrical system and roadways/traffic signals).

The strategies related to Saskatoon Light & Power are in place for the City's franchise area only. SaskPower, which is responsible for all infrastructure outside the franchise area, was not contacted for this interim assessment.

These initiatives and risk mitigation strategies will constantly be updated through the Corporate Risk Program and the Corporate Asset Management Plan. The adjustment to asset condition and the investment in assets based on agreed upon service levels will take into account future requirements related to climate impacts. Over time these adjustments will answer the question regarding new infrastructure and projects, including retrofits, to address extreme weather events. Through the Administration's continuing work on these plans, any gaps to address the issue should be reduced or eliminated over time.

Major Natural Event Reserve

At the January 11, 2016, meeting of the Standing Policy Committee on Environment, Utilities & Corporate Services, the Major Natural Event Reserve was discussed.

The provisions of the Major Natural Event Reserve are included in Council Policy No. C03-003, Reserve for Future Expenditures. The purpose of the Reserve is "to assist in offsetting operational and capital expenditures required due to a major natural event. Major natural events include, but are not limited to, blizzards, plough winds/tornado, heat wave, severe rain, river flood event and extreme cold."

The reserve is funded through the operating budget and is capped at \$250,000. The reserve was fully funded to \$250,000 in 2010 and was fully utilized in 2014 to offset over

expenditures in the Snow and Ice Management program due to a heavy snowfall season. The current reserve balance is \$0 and there are no planned or regular budget contributions to this reserve.

The funding of the reserve has not been aligned with infrastructure needs and a reserve sufficiency plan has not been developed. Of note, with a cap of \$250,000, the reserve would likely not be sufficient to respond to a major natural event of any magnitude. The Administration plans to bring forward a report for consideration of options regarding this reserve during the 2017 Business Plan and Budget deliberations.

Communication Plan

At the present time, the City informs citizens of severe weather through Service Alerts, News Releases, social media, Notifynow (mass notification system) and dedicated news conferences for media as required. A Communications staff person is on call 24/7 to coordinate these responses.

Improved communication between Environment Canada and key divisions has resulted in a new severe weather advance notification system. This service provides program areas with earlier information received directly from Environment Canada when certain trigger weather conditions exist that may impact service levels. This notification allows divisions to prepare operational responses as early as possible.

Financial Implications

Many of the measures that are being developed to improve the City's ability to prepare for, and respond to, severe weather events are being implemented as part of ongoing operations, including the Corporate Risk Program and Corporate Asset Management Plan. Specific measures that require additional resources will be brought forward by individual departments as required within the individual asset management plans.

Other Considerations/Implications

There are no policy, environmental, privacy, CPTED or other implications or considerations.

Due Date for Follow-up and/or Project Completion

Further reports on mitigation of climate change through GHG reduction will be provided to the Standing Policy Committee on Environment, Utilities & Corporate Services at its meeting on July 19, 2016.

Through the Corporate Risk Program and the Corporate Asset Management Plan, further reports will be brought forward by the Administration that will evaluate new infrastructure or retrofits to existing infrastructure to address climate impacts.

The process for incorporating climate adaptation strategies into regular business reporting is also currently being developed to be included in the 2017 Business Plan and Budget deliberations.

A report reviewing options for changes to the Major Natural Event Reserve will be prepared for inclusion in the 2017 Business Plan and Budget deliberations.

Public Notice

Public Notice pursuant to Section 3 of Policy No. C01-021, Public Notice Policy, is not required.

Attachment

1. Summary of Current Climate Adaptation Strategies

Report Approval

Written by: Nicole Garman, Director of Corporate Risk
Reviewed by: Brenda Wallace, Director of Environmental & Corporate Initiatives
Catherine Gryba, General Manager, Corporate Performance Department
Approved by: Kerry Tarasoff, CFO/General Manager, Asset & Financial Management Department

Interim Report-Climate Adaptation Strategies - Infrastructure.docx

Summary of Current Climate Adaptation Strategies

RISK EVENT: PROLONGED DROUGHT		
Planning	Design/Construction	Maintenance
<p><u>Water</u></p> <ul style="list-style-type: none"> • Expansion planning for additional treatment and reservoir capacity <p><u>Parks and Urban Forestry</u></p> <ul style="list-style-type: none"> • Retaining more naturalized areas • <u>In progress</u>: a storm water management plan is being developed (will address erosion, reduce reliance on potable water for irrigation) 	<p><u>Parks and Urban Forestry</u></p> <ul style="list-style-type: none"> • Species diversification, increasing hardiness of plants through cultural practices • <u>In progress</u>: new landscaping design & construction specifications are being developed to ensure all new park development considers this risk event 	<p><u>Water</u></p> <ul style="list-style-type: none"> • Conservation programs, enforced water use restrictions and rate structures can be used to manage peak demands • Access to in-house and contracted resources to respond to water main breaks; provision of alternative water supply for affected households <p><u>Parks and Urban Forestry</u></p> <ul style="list-style-type: none"> • Irrigation systems • More effective water management practices (e.g. mulching, composting, water bags on new plantings) • Prescribed/controlled burns
RISK EVENT: PROLONGED WET WEATHER CONDITIONS		
Planning	Design/Construction	Maintenance
<p><u>Wastewater</u></p> <ul style="list-style-type: none"> • Infill/redevelopment is intensifying use along corridors which may lead to capacity issues <p><u>Storm Water</u></p> <ul style="list-style-type: none"> • New neighborhood design standards and wetlands policy, including dry and wet storm water retention ponds • <u>In progress</u>: low impact development guidelines are being developed <p><u>Saskatoon Light & Power</u></p> <ul style="list-style-type: none"> • Capital remediation could be accelerated <p><u>Parks</u></p> <ul style="list-style-type: none"> • <u>In progress</u>: a storm water management plan is being developed (will address erosion, reduce reliance on potable water for irrigation) 	<p><u>Wastewater</u></p> <ul style="list-style-type: none"> • Upgrades to the Spadina lift station increased capacity • Extra capacity is built into the system (an extra settlement basin, extra pump in the lift station) • The grit removal facility has a bypass to treatment to avoid direct discharge to the river • Infiltration and inflow initiatives are being pursued to decrease demand on the Wastewater Treatment Plant <p><u>Storm Water</u></p> <ul style="list-style-type: none"> • Sub drainage to decrease ground water tables in some areas <p><u>Parks</u></p> <ul style="list-style-type: none"> • <u>In progress</u>: new landscaping design & construction specifications are being developed to ensure all new park development considers this risk event <p><u>Urban Forestry</u></p> <ul style="list-style-type: none"> • Species diversification, increasing hardiness of plants through cultural practices 	<p><u>Wastewater and Storm Water</u></p> <ul style="list-style-type: none"> • Routine preventive maintenance programs • Preventive rehabilitation program <p><u>Urban Forestry</u></p> <ul style="list-style-type: none"> • Routine pruning and inspection activities <ul style="list-style-type: none"> ○ Desired pruning cycles are not being met due to funding constraints; this results in a weaker tree that is more susceptible to damage <p><u>Roadways</u></p> <ul style="list-style-type: none"> • Pothole program could be enhanced

PROLONGED WET WEATHER CONDITIONS (con't)		
Planning	Design/Construction	Maintenance
	<p><u>Saskatoon Light & Power</u></p> <ul style="list-style-type: none"> • Secure pole footings/pilings • Contingency plans allow for the bypass of damaged lines <p><u>Roadways</u></p> <ul style="list-style-type: none"> • Roadway design standards are now based on saturated ground/high water table conditions • Subsurface drainage is mandatory for all new roadway construction; discretionary for rehabilitation projects 	
RISK EVENT: INTENSE RAIN EVENTS WITH FLOODING		
Planning	Design/Construction	Maintenance
<p><u>Wastewater</u></p> <ul style="list-style-type: none"> • Infill/redevelopment is intensifying use along corridors which may lead to capacity issues <p><u>Storm Water</u></p> <ul style="list-style-type: none"> • New neighborhood design standards and wetlands policy, including dry and wet storm water retention ponds • <u>In progress</u>: low impact development guidelines are being developed • <u>In progress</u>: a Storm Water Utility Business Plan is being prepared in 2016 <p><u>Roadways</u></p> <ul style="list-style-type: none"> • New neighborhood design standards include roadways as part of the overland drainage system 	<p><u>Wastewater</u></p> <ul style="list-style-type: none"> • Upgrades to the Spadina lift station increased capacity • Extra capacity is built into the system (an extra settlement basin, extra pump in the lift station) • The grit removal facility has a bypass to treatment to avoid direct discharge to the river • Superpipe capacity improvements to avoid storm water infiltration into sanitary sewer • Infiltration and inflow initiatives are being pursued to decrease demand on the Wastewater Treatment Plant <p><u>Storm Water</u></p> <ul style="list-style-type: none"> • Sub drainage to decrease ground water tables in some areas • Infrastructure upgrades have been made based on risk rankings • Storm water service connections would reduce the impact of certain drainage issues • <u>In progress</u>: A new predictive model was developed with the University of Saskatchewan to more accurately predict future rainfall patterns. This model produced various future rainfall scenarios under potential climate change conditions and is being applied to existing infrastructure to assess adequacy. 	<p><u>Storm Water</u></p> <ul style="list-style-type: none"> • Routine maintenance programs <p><u>Roadways and Traffic Signals</u></p> <ul style="list-style-type: none"> • Closure/detouring plans are in place for pre-existing low spots that are prone to flooding • 24 hour on call service for traffic signal problems • Priority based response plans (major/critical intersections and roadways are responded to on a priority basis) • Real-time monitoring for certain traffic signal locations

INTENSE RAIN EVENTS WITH FLOODING (con't)		
Planning	Design/Construction	Maintenance
	<p><u>Parks</u></p> <ul style="list-style-type: none"> • Durable pathway surfaces are being installed in high risk areas (e.g. washout areas, steep grades) • <u>In progress</u>: new landscaping design & construction specifications are being developed to ensure all new park development considers this risk event <p><u>Saskatoon Light & Power</u></p> <ul style="list-style-type: none"> • In the downtown core, underground vaults are designed to be fully submerged for a prolonged period of time 	
RISK EVENT: DAMAGING WINDS		
Planning	Design/Construction	Maintenance
<p><u>Water</u></p> <ul style="list-style-type: none"> • <u>In progress</u>: a third backup generator is planned for the long term 	<p><u>Wastewater</u></p> <ul style="list-style-type: none"> • If power was lost, there are backup generators at the Plant (allows for operation of the Plant for at least 72 hours) and at critical lift stations <p><u>Water</u></p> <ul style="list-style-type: none"> • If power was lost, there are backup generators at two locations <p><u>Storm Water</u></p> <ul style="list-style-type: none"> • If power was lost, there are backup generators at the lift stations <p><u>Parks and Urban Forestry</u></p> <ul style="list-style-type: none"> • Selection of plantings that are better able to withstand wind <p><u>Saskatoon Light & Power</u></p> <ul style="list-style-type: none"> • Contingency plans allow for the bypass of downed lines • Portable generators can provide short-term backup power <p><u>Roadways and Traffic Signals</u></p> <ul style="list-style-type: none"> • Infrastructure is installed in compliance with national codes for wind load 	<p><u>Parks and Urban Forestry</u></p> <ul style="list-style-type: none"> • Routine pruning and inspection activities <ul style="list-style-type: none"> ○ Desired pruning cycles are not being met due to funding constraints; this results in a weaker tree that is more susceptible to damage • A Weather Event Response Plan has been developed <p><u>Saskatoon Light & Power</u></p> <ul style="list-style-type: none"> • Routine pruning and inspection activities <ul style="list-style-type: none"> ○ Desired pruning cycles are not being met due to resource constraints <p><u>Roadways and Traffic Signals</u></p> <ul style="list-style-type: none"> • 24 hour on call service for traffic signal problems • Priority based response plans (major/critical intersections and roadways are responded to on a priority basis) • Real-time monitoring for certain traffic signal locations

RISK EVENT: HEAVY SNOWFALL EVENT/BLIZZARD

Planning	Design/Construction	Maintenance
<p><u>Traffic Signals</u></p> <ul style="list-style-type: none"> • <u>In progress</u>: alternative traffic signal timing plans to accomplish certain broad goals (e.g. clear the downtown core, bypass a major corridor/intersection/interchange) will be incorporated into the new Automated Traffic Management System 	<p><u>Parks and Urban Forestry</u></p> <ul style="list-style-type: none"> • Selection of plantings that are better able to withstand heavy snow <p><u>Saskatoon Light & Power</u></p> <ul style="list-style-type: none"> • Contingency plans allow for the bypass of downed lines • Portable generators can provide short-term backup power <p><u>Roadways</u></p> <ul style="list-style-type: none"> • Roadway design standards now require sufficient space for temporary snow storage 	<p><u>Water</u></p> <ul style="list-style-type: none"> • A one week supply of critical chemicals is maintained • Notification and inspection processes maintain hydrant accessibility <p><u>Parks and Urban Forestry</u></p> <ul style="list-style-type: none"> • Routine pruning and inspection activities <ul style="list-style-type: none"> ○ Desired pruning cycles are not being met due to funding constraints; this results in a weaker tree that is more susceptible to damage <p><u>Saskatoon Light & Power</u></p> <ul style="list-style-type: none"> • Routine pruning and inspection activities <ul style="list-style-type: none"> ○ Desired pruning cycles are not being met due to resource constraints <p><u>Roadways and Traffic Signals</u></p> <ul style="list-style-type: none"> • 24 hour access to in-house and contracted resources (staff, equipment) • 5 snow routes established and signed; can be declared independently to facilitate clearing • 24 hour on call service for traffic signal problems • Priority based response plans (major/critical intersections and roadways are responded to on a priority basis) • Real-time monitoring for certain traffic signal locations • <u>In progress</u>: an annual analysis of resource constraints versus the ability to respond to severe weather events should be performed (sensitivity/what if scenarios, Monte Carlo simulation, probability analysis)

RISK EVENT: MILD WINTER WITH FREEZE/THAW CYCLES AND ICING		
Planning	Design/Construction	Maintenance
	<u>Water</u> <ul style="list-style-type: none"> • Backup intake <u>Saskatoon Light & Power</u> <ul style="list-style-type: none"> • Conductors designed to withstand 2” thick coating of ice with an 80km/hr wind • Contingency plans allow for the bypass of downed lines • Portable generators can provide short-term backup power 	<u>Water</u> <ul style="list-style-type: none"> • Ongoing monitoring to ensure unobstructed flow at intake <u>Storm Water</u> <ul style="list-style-type: none"> • Routine spring maintenance and catch basin monitoring • Steam thawing program <u>Parks and Urban Forestry</u> <ul style="list-style-type: none"> • Routine pruning and inspection activities <ul style="list-style-type: none"> ○ Desired pruning cycles are not being met due to funding constraints; this results in a weaker tree that is more susceptible to damage <u>Roadways</u> <ul style="list-style-type: none"> • Pothole program can be enhanced • Sanding/salting activities can be enhanced and/or be conducted proactively • <u>In progress</u>: an annual analysis of resource constraints versus the ability to respond to severe weather events should be performed (sensitivity/what if scenarios, Monte Carlo simulation, probability analysis)
RISK EVENT: EXTREME HEAT OR COLD		
Planning	Design/Construction	Maintenance
<u>Saskatoon Light & Power</u> <ul style="list-style-type: none"> • Relationship with SaskPower, could access spare parts if SL&P’s inventory was depleted • Development of emergency plans for vulnerable populations with EMO 	<u>Wastewater</u> <ul style="list-style-type: none"> • Climate control for certain areas (heating, cooling) <u>Water</u> <ul style="list-style-type: none"> • Climate control for certain areas (heating, cooling) • Risk-based replacement program (mains & connections) • Accelerated lead connection replacement program 	<u>Wastewater, Parks, Urban Forestry, Roadways and Traffic Signals</u> <ul style="list-style-type: none"> • Safe work practices for staff <u>Water</u> <ul style="list-style-type: none"> • Safe work practices for staff • Access to in-house and contracted resources to respond to water main breaks; provision of alternative water supply for affected households

RISK EVENT: EXTREME HEAT OR COLD (con't)		
Planning	Design/Construction	Maintenance
	<p><u>Parks and Urban Forestry</u></p> <ul style="list-style-type: none"> • Selection of hardy plant material and trees • <u>In progress</u>: new landscaping design & construction specifications are being developed to ensure all new park development considers this risk event (e.g. soil depth) <p><u>Saskatoon Light & Power</u></p> <ul style="list-style-type: none"> • Contingency plans allow for the bypass of affected areas • Portable generators can provide short-term backup power <p><u>Roadways and Traffic Signals</u></p> <ul style="list-style-type: none"> • Different grades of asphalt are available that are better able to withstand extreme heat • Climate control for traffic signal cabinets (heating, cooling) 	<p><u>Saskatoon Light & Power</u></p> <ul style="list-style-type: none"> • Safe work practices for staff • Critical spare parts inventory • Service alerts and communications <p><u>Roadways</u></p> <p>Indoor winter storage for equipment to ensure hydraulics function properly</p>
RISK EVENT: PESTS AND INVASIVE SPECIES		
Planning	Design/Construction	Maintenance
<p><u>Parks and Urban Forestry</u></p> <ul style="list-style-type: none"> • Public education programs • Infill/redevelopment is intensifying use along corridors which may adversely affect the health of street trees 		<p><u>Water and Storm Water</u></p> <ul style="list-style-type: none"> • Routine surveillance and inspection activities • Provincial boat inspections <p><u>Parks and Urban Forestry</u></p> <ul style="list-style-type: none"> • Routine pruning, treatment and surveillance activities <ul style="list-style-type: none"> ○ Desired pruning cycles are not being met due to funding constraints; this results in a weaker tree that is more susceptible to damage • Local, regional and Provincial surveillance of emerging threats • Timely cleanup of noxious weeds, debris, overgrowth • Prescribed/controlled burns • Response Plans have been developed for certain threats

Civic Operations Centre - Capital Project #1584 - Construction Update

Recommendation

That the information be received.

Topic and Purpose

The purpose of this report is to provide the Standing Policy Committee on Environment, Utilities and Corporate Services with an update on the Civic Operations Centre Project (COC).

Report Highlight

The construction is progressing as expected and monthly progress reports indicate that all activities are on track.

Strategic Goals

The COC supports the following Strategic Goals:

Quality of Life: Relocating Saskatoon Transit from the Caswell Hill neighbourhood supports the four-year priority of directing expenditures towards amenities in neighbourhoods to enhance and protect property values and encouraging private investment.

Environmental Leadership: The new Saskatoon Transit Facility will be LEED Certified and the Snow Management Facility will meet Environment Canada's "Code of Practice for the Environmental Management of Road Salts".

Background

At its meeting held on October 27, 2014, City Council approved the award of the Request for Proposal for the COC, Phase One, to Integrated Team Solutions (ITS). This Team will design, build, finance and maintain the new Saskatoon Transit Facility, and design, build, finance, maintain and operate the permanent Snow Management Facility.

Report

ITS mobilized the site in January 2015, and continues to make progress on the Snow Management Facility, Saskatoon Transit Facility and Common Utility Infrastructure. Administration receives monthly Progress Reports which indicate that all activities on the critical path and the look ahead schedule are on track.

Transit Facility

In the Administration Area, the drywall has been installed, the mudding and taping has been completed, priming and painting has commenced, and other finishing work

continues. In the Bus Storage Area, the in-floor heated concrete floor is 95% poured, and in the Bus Maintenance Area, the in-floor heated concrete floor is 25% poured and work continues.

Snow Management Facility

The roller compacted concrete snow melt pad is completed, and the stormwater pond liner and geotextile material installation has been completed. Work will re-commence later this spring.

Common Utilities Infrastructure

Sanitary sewer, storm sewer and watermain work is nearly complete, and internal circulation roads have one lift of asphalt applied. Work will re-commence on these when weather permits.

An earth berm located north of the Canadian National Railway (CNR) tracks and south of the Montgomery neighbourhood is currently under construction, and has the same completion date as the rest of the project which is December 30, 2016. This berm continues to be constructed as described in the Request for Proposal document that was issued after receiving City Council's approval at its March 3, 2014 meeting. The location, shape, profile, and height of the berm is dictated by the terms of the Land Purchase Agreement executed between the City and CNR. The berm is being constructed as high as possible given physical constraints, which include land width, mowability, and the height of overhead power lines.

The Administration has received some requests to increase the berm height, or add a noise attenuating structure to the top of the berm. Some residents have also requested that the berm not be built at all or that the size not be increased. Because additional structures were not included in the project scope or agreement, City Council would need to consider a scope and budget adjustment to the project.

It may be possible to add some form of fencing on top of the berm in some locations. Very preliminary cost estimates have been prepared. Visual barrier fencing, which would require solid or opaque panels, could cost as little as \$400,000 for relatively low fencing placed at key locations, and the cost could be \$1,300,000 for a higher fence throughout the length of the berm. These cost estimates include foundational work that would be required due to the wind loading of a perched fence constructed on a berm comprised of topsoil.

After the COC moves into operations in 2017, an assessment could be undertaken to determine if the desired outcome of the berm has been achieved or not. Depending upon the results of that assessment, City Council could consider funding this work and either increase the contract scope or initiate a new tender.

Communication Plan

As per the Project Agreement, ITS is responsible for communications to the public. ITS and City Administration have developed a Communication Plan that includes:

- a) Proactive strategies to regularly communicate with residents regarding upcoming construction activities and/or impacts; and
- b) During the construction period:
 - a. flyer notification;
 - b. public open houses; and
 - c. a toll-free phone line for residents to provide feedback or to hear project updates.

To date, four construction flyers have been delivered to residents in the Montgomery neighbourhood, and ITS has hosted one open house. Information about the COC and the project's development is also publicly available at Saskatoon.ca.

Other Considerations/Implications

There are no options, public and/or stakeholder involvement, policy, financial, environmental, privacy, or CPTED implications or considerations.

Due Date for Follow-up and/or Project Completion

The next project update will be brought to the Standing Policy Committee on Environment, Utilities and Corporate Services in the summer of 2016.

Public Notice

Public Notice pursuant to Section 3 of Policy No. C01-021, Public Notice Policy, is not required.

Report Approval

Written by: Linda Andal, Director, Civic Operations Centre Project
Reviewed by: Mike Gutek, Director of Major Projects
Approved by: Jeff Jorgenson, General Manager, Transportation & Utilities Department

EUCS LA – COC – Cap Proj1584 - ConstructionUpdate.docx

8th Street East and Lorne Avenue Sanitary Chamber Installation – Emergency Design-Build – Update

Recommendation

That the information be received.

Topic and Purpose

The purpose of this report is to provide information on the final scope and cost for the 8th Street East and Lorne Avenue Sanitary Chamber Installation project.

Report Highlights

1. The urgent infrastructure upgrade work has been completed.
2. The infrastructure work was completed before the end of 2015 with final restoration of the intersection to take place in the spring of 2016.
3. Hydraulic conditions have significantly improved in the sanitary main; aging infrastructure in the intersection have been replaced; and sewer gas emissions have been reduced.

Strategic Goals

The upgrading, preservation and maintenance of City of Saskatoon infrastructure supports the Strategic Goals of Asset and Financial Sustainability and Quality of Life.

Background

On October 26, 2015, City Council approved a Sole Source Emergency Design-Build contract award to Hamm Construction for the installation of a new sanitary chamber as well as an upgrade of adjacent infrastructure at the intersection of 8th Street East and Lorne Avenue. Work began on November 2, 2015, and the infrastructure upgrades and initial temporary restoration of the intersection were completed on December 18, 2015.

Report

Work Completed

The work on this project included removing the existing hydraulically inefficient manhole and replacing it with the new sanitary chamber; replacing and regrading a section of sanitary sewer main that entered into the new sanitary chamber; bypassing sanitary flows from Lorne Avenue and 8th Street around the work zone; installing water main valves to prevent placing area residents on temporary water services; replacing the aging cast iron and high-pressure concrete primary water main in the intersection, and replacing a number of catch basin leads that ran through the intersection.

Throughout the course of work, the Administration deemed it necessary to increase the scope of work to include replacing a second sanitary sewer manhole in the intersection, replace and resize an additional section of sanitary sewer main, install a vertical extension on the new sanitary chamber, and replace a storm sewer manhole. These changes were deemed necessary in order to achieve the project goals of increased hydraulic efficiency, gas and odour reduction, infrastructure rehabilitation, and ease of future maintenance.

Work Remaining

Final restoration of the asphalt driving surface in the intersection to City of Saskatoon Specifications was not possible due to the time of year in which this project was completed. The driving surface was given a temporary restoration using cold mix asphalt and once spring arrives the temporary surface will have to be removed and the final restoration of the intersection to City Specifications will be completed.

There will be some traffic impacts associated with this final restoration work.

Communication Plan

Appropriate communication materials will be prepared giving advanced warning of road restrictions. These may include advanced road signage, Public Service Announcements, Daily Road Reports, Traffic Detour Service Alerts, use of the Road Restrictions and Construction Projects Interactive Map and social media.

Financial Implications

The time and materials estimate of \$660,000 that was provided in the original report was based on an estimated 4-week timeline for project completion. Due to the increased scope of work, the infrastructure upgrades and temporary asphalt restoration were completed in 6.5 weeks with a cost of \$910,220.81. A large portion of this cost was due to the three sanitary sewer bypass lines that were required in order to provide area residents with uninterrupted sanitary service for the duration of the project.

The Administration has obtained pricing from Hamm Construction to complete the final restoration of the intersection in the spring, including paving. This cost is expected to be \$107,000, which is comparable to pricing that Administration received for similar work on other 2015 projects. By going through Hamm Construction, the City will be in a much better position to ensure any settlement and warranty issues are rectified at no cost to the City.

There is sufficient funding allocated for this program within approved Capital Project #1618 – Wastewater Trunks Preservation and Capacity Programs, and Capital Project #0778 – Stonebridge Trunk Sewer.

Environmental Implications

Completion of the work on the sanitary sewer mains has reduced emissions of sewer gases at this location.

Other Considerations/Implications

There are no options, public and/or stakeholder involvement, policy, privacy, or CPTED implications or considerations.

Due Date for Follow-up and/or Project Completion

There is no due date for follow-up. Project is complete with the exception of final restoration of the intersection, which will be completed in spring 2016.

Public Notice

Public Notice pursuant to Section 3 of Policy No. C01-021, Public Notice Policy, is not required.

Report Approval

Written by: Caleb Ripley, Engineer-in-Training, Project Engineer
Reviewed by: Sohrab Khan, Senior Project Management Engineer
Reviewed by: Celene Anger, Director of Construction & Design
Approved by: Jeff Jorgenson, General Manager, Transportation & Utilities

EUCS CR – 8th Street East and Lorne Avenue Sanitary Chamber Installation Update.docx

Winter City Strategy Preparations

Recommendation

That the report of the General Manager, Corporate Performance Department dated March 8, 2016, be forwarded to City Council for information.

Topic and Purpose

The purpose of this report is to outline opportunities for activities in a winter city through a Winter City Strategy.

Report Highlights

1. There is a growing Winter City movement in North America that is drawing city leaders, community groups and the creative sector together to address specific winter problems as well as developing supportive plans and policies for the vitality of cities in winter.
2. Edmonton's Winter City Strategy offers many lessons for the City of Saskatoon (City), including how to integrate a wide range of topic areas, how to share responsibilities with community partners and focus on quick-wins as well as long term actions.
3. Existing City plans and policies already identify many opportunities for improving the local response to winter. Some of these will be acted on immediately as quick-wins in the lead-up to the launch of proposed public engagement to develop a Winter City Strategy in Saskatoon. The strategy will ultimately provide a roadmap for making Saskatoon as vibrant in winter as it is in summer.

Strategic Goal

This report supports the Strategic Goal of Quality of Life by providing opportunities for activities in a winter city.

Background

At its meeting on August 14, 2013, City Council adopted the 2013-2023 Strategic Plan. In support of the Quality of Life strategic goal, the Plan specified a set of four-year priorities, including for the City to "provide opportunities for activities in a winter city".

Report

Growing Interest in the Winter City Concept

In North America, the topic of winter design received significant attention from academics and officials in the 1990s, less so in the following decade. In recent years, a Winter City movement has been growing rapidly based on factors such as:

- a) The idea of a strategy: In addition to design, an expanded focus including mobility, recreation, culture and vibrancy. In place of one-off actions,

- integrating actions into a co-ordinated strategy and raising the profile of winter-specific needs and opportunities.
- b) A broad movement: No longer limited to academics and officials, ideas and actions are now being generated by community groups, neighbourhoods, the creative sector as well as leading cities.
 - c) The Prairies as a leading region: Key events such as the 2nd annual international Winter Cycling Congress (Winnipeg, 2014) and international Winter Cities Shake-Up Conference (Edmonton, 2015) attended by staff and Councillors.

In Saskatoon, this movement is already evident in events and initiatives such as the Optimist Hill recreation park campaign and Guinness World Record snowball fight at PotashCorp WinterShines 2016.

Edmonton's Winter City Strategy

Edmonton's 2012 Winter City Strategy has generated significant interest both for its engagement process and its creative actions. It is built around four pillars:

- a) Outdoor life - activities and getting around.
- b) Design - safety, comfort and beauty.
- c) Economy - festivals, commercial activity
- d) Story - communications and shifting attitudes about winter

Saskatoon can benefit from the Edmonton plan by using it as a basis for establishing a Strategy here. More information about the Edmonton Winter City Strategy is provided in Attachment 1.

Saskatoon's State-of-Readiness

Edmonton's Strategy framework and timeline is a valuable reference for Saskatoon. However, the City already has a number of existing plans that identify winter actions (Attachment 2). There is an opportunity and need to review other plans and policies to ensure they also work through a winter-lens.

A variety of winter-related actions are also already in-process. Communication of these initiatives, along with building greater public awareness of recently completed winter initiatives can help build interest in the lead-up to the launch of a process that will develop a more comprehensive strategy and greater enthusiasm for winter life in Saskatoon.

Currently, an inter-departmental staff working group has been formed with representatives from Facilities, Parks, Communications, Urban Design, Finance, Saskatoon Light & Power, Recreation & Community Development, Corporate Initiatives, and Community Standards. This group has generated an initial list of potential quick-win actions and will be pursuing the most feasible of these in the next months and reported on in June.

Although the shape of a Winter City Strategy for Saskatoon cannot be known until after public engagement, based on work-to-date and existing City priorities, some guiding

factors are known already. Attachment 3 shows possible Strategy content and vision areas as well as anticipated program and process outcomes.

Public and/or Stakeholder Involvement

An initial breakfast presentation and discussion is planned for March 15 at Le Relais to raise awareness of the potential a Winter City Strategy could have in Saskatoon and identify key stakeholders that can also play a significant role in the Strategy. Results of this event will be reported to City Council in June along with a proposed process for intensive public involvement that could begin in January 2017.

Communication Plan

The success of the Winter City Strategy will hinge on the level of support and participation we have from citizens, businesses and other stakeholders. The program is anticipated to encompass programs and initiatives that inspire activity by many organizations, not simply those run by the City. As such, this plan will focus on communicating the potential benefits of successfully implementing a winter city strategy, and seek to motivate these audiences to engage with the City to help build the strategy that will benefit us all.

To achieve this success, a multi-channeled communications campaign will be used to raise awareness of this project and inspire participation in the pre-launch phase. The planned campaign will reach our target audiences through the kick-off event on March 15th, progressing to private and public engagement opportunities, citywide awareness initiatives through business and stakeholder groups, a social media campaign, postcards and printed communication materials, leveraging content on our website and the Shaping Saskatoon online engagement webpage, as well as news releases, PSA's and media coverage for key events.

A more detailed communications and engagement plan is being developed to support the various development stages of the Winter City Strategy.

Financial Implications

Edmonton's strategy was developed by Stantec Consulting at a cost of \$362,000. Its implementation plan detailed added capital and operating costs of \$2.75 million over a 10-year period (including \$1.5 million for free transit during extreme weather). At present, no funds are designated for a Winter City Strategy in Saskatoon.

The Administration is developing the Saskatoon strategy in-house and is looking for ways to deliver identified 'quick-win' actions by re-allocating existing resources. Additional resources will be required for the public engagement phase. A funding request for this component will be brought forward for the consideration of City Council as part of the 2017 Business Plan and Budget deliberations.

Other Considerations/Implications

There are no environmental, policy, privacy, or CPTED implications or considerations at this time.

Due Date for Follow-up and/or Project Completion

Attachment 4 shows a proposed project timeline that would lead to the adoption of a Winter City Strategy for Saskatoon. A report requesting capital funding for public engagement will be provided to the Standing Policy Committee on Environment, Utilities & Corporate Services in June 2016. A report later in 2016 will also be provided to outline detailed plans for public engagement that could begin in January 2017 and provide an update on quick win actions to be implemented in winter 2016/17.

Attachments

1. Edmonton Winter City Strategy Framework
2. Existing City Plans and Policies Related to Winter Actions
3. Guiding Factors for a Saskatoon Winter City Strategy
4. Draft Winter City Strategy Timeline

Public Notice

Public notice, pursuant to Section 3 of Public Notice Policy No. C01-021, is not required.

Report Approval

Written by: Eric Westberg, Project Manager, Corporate Initiatives
Reviewed by: Brenda Wallace, Director of Environmental & Corporate Initiatives
Randy Grauer, General Manager, Community Services Department
Kerry Tarasoff, CFO and General Manager, Asset & Financial Management Department
Jeff Jorgenson, General Manager, Transportation & Utilities Department
Approved by: Catherine Gryba, General Manager, Corporate Performance Department

Administrative Report – Winter City Strategy Preparations.docx

Edmonton Winter City Strategy Framework

The Winter City Strategy developed in Edmonton has been identified as a best practice approach due to its engagement process and its creative actions. The four pillars of the Strategy have been expanded into 10 goals and 64 actions, examples of which are shown below. A particular emphasis is on quick-win actions which involve re-allocated rather than new funds. Edmonton’s strategy is a city-community partnership. Its Implementation Plan details which actions are City led vs. led by community partners with the City in a supportive role.

High-profile creative actions resulting from Edmonton’s strategy include:

- a) River Valley freeway, a 400m wooded skating trail with artistic lighting. Pilot project to be expanded to 800m next winter.
- b) Official winter drink competition (alcoholic and non-alcoholic).

Pillar	Goal	Quick Win Actions	Longer Term or Foundational Actions
Winter Life	More outdoor activity opportunities	Free skates; outdoor fire locations	Winter commercial anchors in parks
	Improvements for active transportation and transit.	Snow clearing on more park walkways	Transit shelters
Winter Design	Improved safety and comfort		Design guidelines
	Urban design for fun, beauty and interest	Colourful lighting of public spaces and buildings	
Winter Economy	Improve capacity and sustainability of festivals		Facilitating agency for festivals
	Develop a four-season patio culture	Simplify process & regulations for patios	Winter patio development program
Winter Story	Celebrate winter and embrace winter daily living	Winter beautification program	Edmonton in Winter smartphone app
	Promote City's winter story locally and externally	Share images & digital assets between partners	Create a winter brand

NOTE: Table above shows excerpts from Strategy’s complete list of 64 actions. Of all these, 28 are Quick Wins (44% of total).

Timeline Edmonton Followed to Develop Their Strategy:

- Mid-late 2011: Pre-launch engagement of community partners; formation of City/community Steering Committee; and planning public engagement.
- Jan to June 2012: Intensive public engagement.
- June to Oct 2012: Writing the Winter City Strategy and final adoption by Council. Strategy included 64 actions.
- Jan to Sept 2013: Prioritizing and costing of actions in consultation with stakeholders, resulting in a Winter City Strategy Implementation Plan adopted by Council.

Existing City Plans and Policies Related to Winter

Winter-Related Actions or Standards Already Defined
Saskatoon Speaks
Official Community Plan
Local Area Plans: 11+ neighbourhoods
Junction Improvement Strategy
Mendel Gallery Neighbourhood Safety Report
Nutana Neighbourhood Safety Report
Optimist Park Neighbourhood Safety Report
North Downtown Master Plan
City Centre Plan
DCD1 Zoning District
Broadway 360 Design Guidelines
Children’s Museum Business Plan
Kinsmen Park & Area Master Plan
Culture Plan
River Landing Interpretive Plan
Accessibility Action Plan
Winter Level of Service: Roadways
Winter-Related Actions or Standards Not Yet Defined
Recreation and Parks Master Plan
Winter Level of Service: Sidewalks
Winter Level of Service: Trails
Park Development Guidelines
Landscape Design and Development Standards
Other plans and policies TBD

Guiding Factors for a Saskatoon Winter City Strategy

Although the content of the strategy will depend on outcomes from public engagement, key content areas are likely to include:

- a) Recreation and sport
- b) Active transportation
- c) Arts, culture and festivals
- d) Local-serving as well as tourism-related actions
- e) Indoor activities and events as well as outdoors
- f) Neighbourhood-based and city-wide actions

The strategy will need to communicate a vision and be clear about outcomes on the ground. Because all citizens are winter stakeholders, the success of the strategy will also be closely linked to the success of public engagement in its creation.

Examples of vision components:

- a) Envisioning Saskatoon as vibrant in winter as it is in summer.
- b) Ensuring equitable access to winter opportunities.
- c) Creating more opportunities to gather as well as pursue individual passions.
- d) Encouraging an entrepreneurial culture of experimenting with new winter ideas.

Examples of program success:

- a) Moving towards an attitude of embracing rather than escaping winter
- b) Improved knowledge of the range of winter activities available and improved ways of accessing facility, program and event information.
- c) Improved event attendance and economic activity.
- d) Increased pedestrian counts as a result of improved safety and mobility
- e) Increased number of community-led winter events and programs
- f) Reducing barriers to newcomers for participating in winter life

Examples of process success:

- a) Key stakeholders engaged, motivated and contributing resources
- b) Broad and representative citizen input and awareness
- c) New partnerships formed to act on ideas
- d) Visionary and small-scale practical ideas generated
- e) Consensus on priority actions and readiness to move on quick-wins

Draft Winter City Strategy Timeline

Steps to Date

- Staff and Councillors attend February 2015 Edmonton winter conference
- City joins Winter City Institute networking group
- Formation in January 2016 of staff working group; identification of potential quick wins

March – June 2016

- Staff working group continues to identify and advance quick win actions.
- March 15: first public engagement at awareness-raising breakfast event
- June: capital funding request for 2017 to Council for public engagement.

June – Dec 2016

- Formation of stakeholder project Steering Committee.
- Planning of public engagement phase.
- Staff working group prepares for roll out of quick win actions in January.
- (November/December): Preparation of logo and campaign graphics, and targeted communications ahead of engagement.

Jan – June 2017

- Intensive winter/spring public engagement in developing the Strategy
- Staff working group begins roll out of quick win actions.

June – Dec 2017

- Staff analyze engagement process results and draft Strategy
- Fall 2017: Strategy presented to Council for approval
- Continuing roll out of quick win actions.

Jan – Sept 2018

- Staff consult with stakeholders to prepare Strategy Implementation Plan.
- Continuing roll out of quick win and foundational actions.
- September 2018: Implementation Plan presented to Council for approval.

MS Project Online Implementation Services and Support – Request for Proposal Award

Recommendation

That the Standing Policy Committee on Environment, Utilities and Corporate Services recommend to City Council:

1. That a contract with Agora Consulting Partners Inc. be approved for the design and deployment of a comprehensive enterprise Project and Portfolio Management solution utilizing Microsoft Project Online within the City of Saskatoon's IT Division. The contract would run for approximately 6 month project engagement at an estimated fee of \$156,600, plus applicable taxes; and
2. That Materials Management be authorized to issue the necessary Purchase Order.

Topic and Purpose

The purpose of this report is to request approval to proceed with a contract to engage Agora Consulting Partners Inc. for the design and deployment of a comprehensive enterprise Project and Portfolio Management solution utilizing Microsoft Project Online within the City of Saskatoon's IT Division.

Report Highlights

1. Agora Consulting Partners will work with the IT Division to design and develop a project and portfolio management system within MS Project Online to enable and support our Project management office.
2. On November 18, 2015, the City issued a Request for Proposal (RFP) for MS Project Online Implementation Services and Support (RFP #15-0939).
3. In partnership with the Strategic & Business Planning Division, Corporate IT will provide the Proof of Concept (POC) for an enterprise wide project management solution. Once MS Project Online and enterprise project management processes are implemented in IT through this project we will leverage our knowledge along with tools and processes to provide a solid integrated Project management platform for the remainder of the corporation.
4. The recommendation is that Agora Consulting Partners, the Preferred Proponent, be awarded the contract for the design and deployment of the system along with training, change management.

Strategic Goal

This initiative supports the strategic goal of Continuous Improvement by introducing better process, structure, consistency and organization in the Project Management area for the IT Division. It is also aligns with the short term Continuous Improvement priority as an opportunity to modernize the way that we select, focus and align with key strategic initiatives through modern portfolio management practices imbedded in this solution.

Background

The IT Division has been using MS Project 2007 for a number of years to manage IT related projects.

In 2014, IT started looking at improving our Project Management practices and introducing Portfolio Management to improve project selection, project tracking, business alignment, and resource capacity planning.

In 2015, we formalized the implementation of a Project Management Office (PMO) in the IT Division and assessed our business requirements. It was determined that our existing project management software and processes are insufficient for the needs of IT and the corporation. A thorough business process review and software upgrade were recommended. The implementation of an enterprise-wide project and portfolio management strategy and tool is the next step in our evolution of providing professional services to the corporation.

Report

With the reorganization and refocus of the IT function within the corporation we require modern tools and improved processes to manage projects. Currently, we license MS Project software and require assistance to implement the current cloud-based version of project management software. This project is a one-time cost to support the implementation of Project On-Line software and ensure the City implements best-practice business processes for project management.

This expertise is not currently available within our staff complement. This service will provide support and guidance to our staff so that they will have capacity and the expertise to provide sustainable and ongoing support to the corporation.

Upon completion of the project, the IT Division will be fully trained in all functionality of the software, and will support the implementation of the application and processes across the corporation.

In addition to the technical implementation, this contract includes the following services:

- Build the necessary capacity in the IT team to foster innovation in the implementation of new software.
- Implementation of all project management features to improve project delivery and team collaboration.
- Implementation of portfolio management processes to improve project gating, business alignment, and resource capacity planning.
- Implementation of enhanced resource management and related decision making by capturing demand and measuring capacity with time tracking.
- Development of a project intake process and centralized project hub for better communication including project team sites, project detail pages, and project workflow.

MS Project Online Implementation Services and Support – Request for Proposal Award

-
- Staff training and development provided to implement and support this environment for IT and into other corporate divisions.

RFP for MS Project Online Implementation Services and Support

An RFP for MS Project Online Implementation Services and Support for the IT Division was issued on November 18, 2015, with a closing date of December 17, 2015.

Responses were received from:

- Western Principles
- Agora Consulting Partners
- Horizon Computer Solutions
- EPM Solutions
- Tri-Global
- Arbutus

The RFP Review Team is composed of the IT Manager of Business Strategy and Support, the IT Manager of Technology, IT Coordinator from the Business Solutions – Operations Team, the Director of Strategic and Business Planning and Purchasing Services Staff. The team evaluated the proposals based on the following criteria detailed in the RFP

Category	Points
General quality of proposal, including completeness, readability, grammar and technical merit	5
Overall Assessment of Understanding and Fulfilment of RFP Requirements	15
Content, Approach and Implementation Roadmap	25
Project schedule, milestones and control	15
Price	30
Qualifications and Experience	10
TOTAL	100

Preferred Proponent

Upon completion of the evaluation, the RFP Review Team determined that the proposal submitted by Agora Consulting Partners achieved the highest score and met the requirements of the RFP. Therefore, the recommendation is to award the RFP to Agora Consulting Partners as detailed below:

The design and deployment of a comprehensive enterprise Project and Portfolio Management solution utilizing Microsoft Project Online within the City of Saskatoon's IT Division. The contract would run for the approximately 6 month project engagement at an estimated fee of \$156,600, plus applicable taxes.

Financial Implications

The cost of \$156,600 (plus taxes) will be billed at various stages throughout the 6 month project. The entire project is within the approved 2016 Operating Budget for the IT Division.

Privacy Implications

We are proceeding through the privacy impact assessment with the City Clerk's Office to address any potential privacy implications of this cloud implementation.

Other Considerations/Implications

There are no policy, environmental or CPTED implications or considerations.

Due Date for Follow-up and/or Project Completion

The project will be 6 months in duration. The first phase - Planning and Design – April to June, Configuration and Pilot through the summer, with migration and project completion by October of 2016.

Public Notice

Public Notice pursuant to Section 3 of Policy No. C01-021, Public Notice Policy, is not required.

Report Approval

Written by: Kevin Shewchuk, Manager, IT Business Strategy & Support
Reviewed by: Paul Ottmann, Director, Information Technology
Approved by: Catherine Gryba, General Manager, Corporate Performance
Department

Administrative Report - MS Project Online.docx

Progress Report on the Truth and Reconciliation Commission of Canada Calls to Action

Recommendations

That this report be forwarded to City Council for information.

Topic and Purpose

The following report summarizes progress made by the City of Saskatoon (City) in responding to the Truth and Reconciliation Commission (TRC) Calls to Action.

Report Highlights

1. The City has made progress on initiatives that respond to the TRC “Calls to Action”.
2. A City priority is to develop a long-term plan for increased Aboriginal awareness training for all civic employees.
3. The City is working with several community partners on a “Community Action Plan.”

Strategic Goals

The report supports the long-term strategy under our “Quality of Life” strategic goal to strengthen relations with local Aboriginal organizations. The 4-year priority to develop partnerships and programs with Aboriginal organizations that will assist in enhancing economic, employment and training opportunities is also supported.

Background

City Council, at its meeting held on June 22, 2015, resolved:

- “1. That the Administration report back to City Council about what will be required to adopt and implement the relevant calls to action highlighted in the Truth and Reconciliation Committee report of June 2, 2015, including any financial implications and that any implementation costs be included in the 2016 budget deliberations.
2. That the City of Saskatoon declare July 1, 2015 – June 30, 2016 the year of reconciliation and that the Administration work with the Office of the Treaty Commission (OTC), and other community groups, leaders and institutions in Saskatchewan, to promote reconciliation in our province.”

On October 19, 2015, Administration reported on its progress and committed to bring a report to City Council on an action plan for reconciliation in collaboration with the OTC and other partners in Spring 2016. The Executive Committee resolved, in part:

- “1. That the Administration provide Executive Committee with regular updates outlining successes as well as outstanding items, along with an update of events occurring in Saskatoon throughout the year recognizing the Year of Reconciliation.
2. That the Administration report to Executive Committee with a plan for increased professional development and training for employees, with a long-term target of 100 percent participation.”

Report

Highlights of Progress of City Activities in Response to TRC Calls to Action:

Details of City activities to increase Aboriginal inclusion are in Attachment 1: City of Saskatoon’s Response to the Truth and Reconciliation Commission’s Calls to Action and Responsibilities: March 2016 Update. Highlights include the following:

- Community engagement and economic development forums hosted by the Saskatoon Aboriginal Employment Partnership (SAEP) managed by Saskatoon Regional Economic Development Authority (SREDA)
- Partnering to produce a three-part conference series called 'Prosperity Through Partnerships', focusing on creating wealth through land claims
- Supporting the “Wichitowin Speaker Series” for community-based organizations that provide services to Aboriginal citizens. Representatives of City of Saskatoon Boards and Commissions are encouraged to attend.
- Improving the process to make the “Master Names List” more inclusive of Aboriginal names. Louis Riel Industrial Park was recently named.
- Encouraging Saskatoon dignitaries to utilize opening remarks recognizing Aboriginal people at all events.

Aboriginal Awareness Training for Civic Employees

The Administration has prepared a plan to increase professional development and training for employees (see Attachment 2).

Several options are being explored to support the TRC recommendations for Aboriginal awareness training including the following:

- Inclusion in the corporate orientation for new hires
- Leadership Forum with 400 managers, supervisors, and union executives
- Online training options
- Group training with other municipalities, community organizations and corporations

A mandatory program on the education of the history of Aboriginal people and intercultural competency will be prepared and included in the 2017 Business Plan and Budget.

Community Action Plan:

The City is partnering with the United Way, Saskatoon Tribal Council, Central Urban Metis Federation Inc. (CUMFI), Saskatoon Health Region, SREDA, Aboriginal Friendship Centres of Saskatchewan (AFCS), and other community partners in the

Saskatoon Community Action Partnership (SACAP). The organizations are working with "urban matters", a social enterprise organization, and expect to have the following by March 31, 2016:

- Vision and Goals
- Community Action Plan Framework
- Summary of State of the Environment
- Community Priorities
- Framework Document

The action plan will include a set of measures to evaluate progress and to report to Aboriginal citizens and the community-at-large. The process to achieve full reconciliation will involve ongoing efforts to embed best practices for Aboriginal inclusion in how we provide programs and services.

Public and/or Stakeholder Involvement

The City has been working closely with Aboriginal and other community organizations that support Aboriginal Inclusion to develop the Community Action Plan.

Communication Plan

The City and its partners have developed a Communication Framework to engage the public in open discussions on the nature of reconciliation. Planned communication activities include the following:

- Development of a reconciliation brand/identity
- Staged media event
- Social media campaign
- Stakeholder meetings
- Information on the City's website
- Collection of videos of what reconciliation means
- Materials on reconciliation activities for organizations to use with their employees and constituents
- News releases and media scrums
- Radio and print ads

Financial Implications

The City's initiatives to respond to the TRC Calls to Action are within the approved 2016 budget.

Other Considerations/Implications

There are no policy, environmental, privacy, or CPTED implications or considerations.

Due Date for Follow-up and/or Project Completion

A report will be brought to City Council on further progress on the Action Plan for Reconciliation in collaboration with OTC and other partners in Fall 2016.

Public Notice

Public Notice pursuant to Section 3 of Policy No. C01-021, Public Notice Policy, is not required.

Attachments

Attachment 1: City of Saskatoon's Response to the Truth and Reconciliation Commission's Calls to Action and Responsibilities: March 2016 Update.

Attachment 2: City of Saskatoon – Professional Development and Training Plan for Aboriginal Inclusion

Report Approval

Written by: Gilles Dorval, Director of Aboriginal Relations
Angela Schmidt, Consultant, Transportation and Utilities
Department

Reviewed by: Catherine Gryba, General Manager, Corporate Performance
Department

Approved by: Catherine Gryba, General Manager, Corporate Performance
Department

Administrative Report – The Truth and Reconciliation Commission of Canada Calls to Action and the City of Saskatoon's Response.docx

**City of Saskatoon's Response to the Truth and Reconciliation Commission's Calls to Action and Responsibilities
March 2016 Update**

Summary of Applicable Recommendations Directed to Municipal Governments or All Levels of Government

RELATED CITY INITIATIVE	OPTIONS - 2015	INITIATIVES - 2016
Action #3: Fully implement Jordan's Principle.		
<p>Jordan's Principle is a "child first" principle to resolve jurisdictional disputes between governments regarding payment for government services provided to First Nations children. Jordan's principle is mainly applicable to federal and provincial government services for children.</p> <p>The City does not consider First Nation status as a factor in providing services to its residents. Some recreational and cultural programs are targeted to all Aboriginal people. Some City services, such as discounted leisure access and transit passes, are offered to all low-income people.</p> <p>When Saskatoon recently hosted northern Saskatchewan residents who were displaced from their homes by the 2015 wild fires, the City provided Aboriginal children and their families with culture, recreation and sports activities and linkages to Saskatoon's Aboriginal community and corporate sector.</p>	<p>The City will continue to implement a "child first" principle in providing City programs and services, without consideration of First Nation status.</p>	<p>The City will continue to implement a "child first" principle in providing City programs and services, without consideration of First Nation status. City recreation programs and facilities are open to all Saskatoon residents. For those residents that face cost as a barrier the Leisure Access Program for Low-Income Residents provides free access to civic centre drop-in programs, outdoor pools and one free registered program. Applications are available to individuals at all of our civic centres. Applications are also available to agencies that work with low-income clients.</p>
Action #23: Increase the number and retention of Aboriginal health-care professionals and provide cultural competency training for all health-care professionals.		
<p>The City does not have direct responsibility for health-care services in the Saskatoon region. However, we collaborate with the Saskatoon Health Region (SHR) on common Aboriginal inclusion initiatives.</p>	<p>Continue collaborations with the Saskatoon Health Region.</p>	<p>Continue collaborations with the Saskatoon Health Region.</p>
Action #17: Enable residential school survivors and their families to reclaim names changed by the residential school system by waiving administrative costs for a period of five years		
<p>The City does not issue official identity documents. If citizens would like to change the legal name displayed on the Assessment Notice and Property Tax Notice, they submit an application and an affidavit to Information Services Corporation (ISC). No fee is charged.</p>	<p>No changes.</p>	<p>No changes.</p>
Action #40: Create Aboriginal-specific victim services		
<p>The SPS currently has Aboriginal program components for victim services.</p>	<p>Continue Aboriginal components of victim services.</p>	<p>Continue Aboriginal components of victim services</p>
Action #43: Adopt the United Nations Declaration on the Rights of Indigenous Peoples supporting Aboriginal rights to culture, employment, health, education and other issues, and		
<p>The General Manager of Community Services co-chairs the Saskatoon Regional Inter-sectoral Committee (SRIC) which addresses barriers to services.</p>	<p>Implement actions identified in response to recommendations from the Kitaskinaw Report and Urban Aboriginal Community Gathering.</p>	<p>Continue to implement recommendations from the Kitaskinaw Report. The Saskatoon Collaborative Funders Partnership is continuing the work on outcomes and evaluations and providing educational sessions to community-based organizations including Aboriginal</p>

RELATED CITY INITIATIVE	OPTIONS - 2015	INITIATIVES - 2016
<p>The Kitaskinaw Project was conducted to discover the “lay of the land” for programs and services for Saskatoon’s First Nations, Métis, and Inuit people. Kitaskinaw was a collaborative effort led by the City, Saskatoon Tribal Council (STC), the United Way of Saskatoon and Area, and Gabriel Dumont Institute (GDI). The project, the first of its kind in Saskatoon, took a holistic approach to better understand Saskatoon’s Aboriginal community in relation to programs and services.</p>	<p>Partner with the United Way, Saskatchewan Association of Indian and Metis Friendship Centres, SHR, and other community-based organizations to host Wicahitowin – “Working Together” provincial conference on November 17 and 18, 2015, focusing on Aboriginal engagement and service delivery. A concurrent Aboriginal Elders/Old People workshop will focus on appropriate and respectful incorporation of Aboriginal values within program and service delivery.</p> <p>Engage with Aboriginal citizens through an urban Aboriginal gathering with our partners in 2016 to report on progress towards the Kitaskinaw and Gathering recommendations and obtain feedback on future direction.</p>	<p>organizations. The Wicahitowin Speaker Series, a partnership with the Saskatoon Health Region, United Way, and Aboriginal Friendship Centres of Saskatchewan, was initiated. The series targets community-based organizations that provide services to Aboriginal citizens in Saskatoon. All representatives from City of Saskatoon Boards and Commission are invited to attend. Examples of speakers include John Lagimodiere, and potentially Ashley Callingbull (Miss Universe 2016), and previous Prime Minister Paul Martin.</p>
<p>The Urban Aboriginal Community Gathering was organized by the City in partnership with STC and the Central Urban Métis Federation Inc. (CUMFI) in June, 2014. The Gathering had 132 people in attendance with a good cross-section of Saskatoon’s Aboriginal community. The Gathering had two primary outcomes: - Helped better inform Aboriginal people living in Saskatoon about City programs, services and partnerships; and - Obtained input from Aboriginal residents about City programs and services to inform future policy, program and service delivery.</p>	<p>Assess opportunities to deliver programs and services targeted to Aboriginal people in partnership with First Nation and Metis organizations.</p> <p>Actively seek Aboriginal representation on City Boards and Committees.</p> <p>Collaborate with other community organizations to provide workshops and training for Aboriginal organizations’ staff and boards to develop capacity and encourage partnerships.</p>	
<p>City Senior Management participated in an information session on Duty to Consult presented by a University of Saskatchewan expert on Duty to Consult</p>		
<p>The City is consulting Aboriginal people in planning and program development (e.g. Regional Planning for Growth) to ensure Aboriginal voices are heard when making decisions that impact them.</p>		
<p>The City provides capacity building supports to Aboriginal community-based organizations including the work of the Saskatoon Collaborative Funders Partnership on outcomes and evaluation. The City works with the United Way on community-based leadership development for Aboriginal and other under-represented groups.</p>		
<p>Action #47: Reform laws and policies based on European sovereignty over Indigenous peoples and lands.</p>		
	<p>Review policies, programs, and services with an Aboriginal diversity and inclusion lens to identify any areas of systemic or institutional discrimination.</p>	<p>Funding has been approved to employ an analyst to complete a review of City of Saskatoon policies, programs, and services with an Aboriginal lens. The Cultural Diversity and Race Relations Policy also will be reviewed and updated.</p>

RELATED CITY INITIATIVE	OPTIONS - 2015	INITIATIVES - 2016
	In collaboration with OTC and community partners, report data requested by the NCR and report on progress towards the Action Plan.	The City is collaborating with OTC and community partners, to develop an Action Plan, and will jointly report data as requested by the NCR and report on progress towards the Action Plan.
Action #57: Educate public servants on the history of Aboriginal peoples, inter-cultural competency, conflict resolution, human rights, and anti-racism.		
<p>Corporate cultural awareness workshops are held every year. In 2014, approximately 2.5% (80) of City employees attended Aboriginal cultural awareness and general cultural competency workshops. Corporate training workshops include the following:</p> <ul style="list-style-type: none"> - Conversations for Aboriginal Inclusion (2/year available for all employees) - Fundamentals of Cultural Competency Workshop (1/year available for all employees) - Intercultural Problem Solving Strategies (1/year available for managers) <p>Corporate training is also offered on Resolving Conflicts Constructively (2/year available for managers)</p>	<ul style="list-style-type: none"> • Promote existing cultural education and awareness programs and actively encourage staff to attend. • Hold "TRC Calls to Action" educational workshops for Executive and Leadership teams in 2015 and 2016, specifically addressing the recommended topics: history of Aboriginal peoples, including the history and legacy of residential schools, the United Nations Declaration on the Rights of Indigenous Peoples, Treaties and Aboriginal rights, Indigenous law, and Aboriginal–Crown relations, skills-based training in intercultural competency, conflict resolution, human rights, and anti-racism. 	<p>*Continued promotion through Strategic and Business Planning Division Corporate wide emails, communication to Division Directors. The following are corporate training opportunities:</p> <p>Conversations for Aboriginal Inclusion includes the following TRC learning objectives: history of Aboriginal peoples, including the history and legacy of residential schools, Treaties and Aboriginal rights, Aboriginal-Crown relations.</p> <p>-A workshop is planned for May 26, 2016</p> <p>Fundamentals of Cultural Competency Workshop includes intercultural competency, conflict resolution, human rights and anti-racism</p> <p>-A workshop is planned for April Intercultural Problem Solving Strategies includes intercultural competency, conflict resolution, human rights, and anti-racism.</p> <p>-Newly added in 2016 .</p> <p>Resolving Conflicts Constructively includes conflict resolution.</p> <p>*Aboriginal Cultural Awareness Training is being planned for the 2016 Fall Leadership Forum. A mandatory program on the education of the history of Aboriginal people and intercultural competency will be prepared and included in the 2017 Business Plan and Budget.</p>
<p>Anti-racism initiatives have been identified as a new focus beginning in 2015, and the Race Relations and Cultural Diversity Committee and Coordinator developed new corporate and community initiatives to reduce racism:</p> <ul style="list-style-type: none"> - Anti-racism print resources were developed for staff and interested groups; and - "Understanding Racism" sessions were developed and are accessible to staff 	<ul style="list-style-type: none"> • Develop an anti-racism implementation and communication plan that includes internal anti-racism awareness sessions and public education. Expand the public anti-racism campaign: "I am the Bridge" and host an "anti-racism" community forum. 	<p>Implement anti-racism training sessions for Civic staff. Implement the public education component of the communications plan.</p>
	<p>Incorporate presentations on Aboriginal culture at regularly scheduled employee meetings by Aboriginal and community organizations (e.g. OTC, Saskatchewan Human Rights Commission (SHRC), etc.)</p>	<p>Incorporate presentations on Aboriginal culture at regularly scheduled employee meetings by Aboriginal and community organizations (e.g. OTC, Saskatchewan Human Rights Commission (SHRC), etc.)</p>

RELATED CITY INITIATIVE	OPTIONS - 2015	INITIATIVES - 2016
	<p>Incorporate a section under professional development in the Individual Development Plan template to allow for self-directed diversity education including Aboriginal cultural awareness.</p> <p>Incorporate a section under professional development in the Individual Development Plan template to allow for self-directed diversity education including Aboriginal cultural awareness.</p>	<p>Including section in Individual Development Plan template and Business Planning template.</p>
	<p>Start a voluntary corporate "diversity book club" with Aboriginal-based content books.</p>	<p>Working on selection of Aboriginal content for the book club started by Strategic and Business Planning</p>
	<p>Work with City of Saskatoon Workplace Inclusion Champions and other internal groups and union executives to devise future plans based on how to respond to the calls to action in a collaborative way.</p>	<p>Added Reconciliation to agenda for regular meetings with Inclusion Champions and Union Executives in 2016.</p>
	<p>Report to Executive Committee with a plan for increased professional development and training for employees, with a long-term target of 100 percent participation.</p>	<p>Conversations for Aboriginal Inclusion, Fundamentals of Cultural Competency Workshop, and Intercultural Problem Solving Strategies were reviewed based on the TRC education recommendations. All TRC education recommendations are not covered in current Corporate Training. Parts of the TRC education recommendations are covered, as stated above. Further development of a plan to establish training that addresses all of the TRC education recommendations is occurring.</p>
<p>Action #75: Collaborate with the federal government and other partners to develop and implement strategies for the ongoing identification, documentation, maintenance, commemoration, and protection of sites at which residential school children were buried. This is to include the provision of appropriate memorial ceremonies and commemorative</p>		
<p>Residential schools were not located in Saskatoon and residential school children are not believed to be buried within Saskatoon. • No action required.</p>	<p>No action required.</p>	<p>No action required.</p>
<p>Action #77: Work collaboratively with the National Centre for Truth and Reconciliation to identify and collect copies of all records relevant to the history and legacy of the residential school system, and to provide these to the National Centre for Truth and Reconciliation.</p>		
	<p>Work with the City Archivist to identify any relevant material and forward these to the National Centre for Truth and Reconciliation.</p>	<p>Work with the City Archivist to identify any relevant material and forward these to the National Centre for Truth and Reconciliation.</p>
<p>Actions #87 and #88: Support the development and recognition of Aboriginal athletes.</p>		

RELATED CITY INITIATIVE	OPTIONS - 2015	INITIATIVES - 2016
<p>The City's Aboriginal Lifeguard Program and Fitness Leader Certification Program help Aboriginal people gain lifeguard and fitness certifications leading to employment with the City and other organizations.</p>	<ul style="list-style-type: none"> Evaluate the Lifeguard and Fitness Leader Certification programs to ensure they are meeting their objectives. 	<p>Evaluate the Aboriginal Lifeguard program</p> <p>Implement the Fitness Leader Certification Partnership with the U of S</p> <ul style="list-style-type: none"> Support Aboriginal organizations in hosting major sports events, such as the North American Indigenous Games, in Saskatoon
<p>Summary of Recommendations not Directed but Applicable to Municipal Governments</p>		
<p>Actions #30 & #38: Eliminate over-representation of Aboriginal people, particularly youth, in custody.</p>		
<p>Saskatoon Police Services (SPS) has made reconciliation efforts with Aboriginal people a priority. All recommendations from the Neil Stonechild Inquiry were implemented.</p>	<p>Reduce recidivism through social enterprise opportunities for Aboriginal people to gain work experience as an alternative to crime, in public works activities.</p>	<p>Meetings have been held with Str8Up and the Saskatoon Fire Department to discuss social enterprise opportunities for participants to gain work experience.</p>
<p>The Saskatoon Board of Police Commissioners includes Aboriginal representation to provide an Aboriginal lens in governance.</p>		
<p>The City participates in the Housing First Initiative with the United Way and other partners. Since its launch in April 2014, 28 of Saskatoon's most vulnerable citizens have been housed. A 2013 Simon Fraser University study found that housing the homeless in market rental apartments can reduce interaction with the justice system.</p>	<p>Continue to work with community partners to reduce homelessness in Saskatoon.</p>	<p>The Saskatoon Housing Initiatives Partnership (SHIP) and the United Way are producing a new Community Action Plan to Address Homelessness for Saskatoon. The Plan, which is nearly complete, will combine the housing and homelessness plans of SHIP and the United Way. The governance structure - a broad community-based organization to lead and "own" the Plan - is being determined. The City has committed to enter into a contract with a service in the community to ensure that the Plan's recommendations are carried out. It is expected that the new Plan will be delivered to City Council in March.</p>
<p>The City partners with STC, Potash Corp. and other community organizations in the Urban Aboriginal Leadership program which provides healthy alternatives for youth to participate in the community and economy. This includes the "Wanska" program which contributes to prevention and re- integration of youth that are involved with justice issues.</p>	<ul style="list-style-type: none"> Increase outreach to Aboriginal youth to increase integration in the community through positive recreation opportunities. Enhance and develop new partnerships and programs for the Urban Aboriginal Leadership Program including Wanska. 	<p>Delivery of the Atoske and Wanska youth leadership programs.</p> <p>Development of an implementation strategy for the yxe youthspeaks recommendations.</p>
<p>Action #53: Collaborate to develop and implement an action plan, promote public dialogue for reconciliation, and monitor and report annually on reconciliation efforts</p>		

RELATED CITY INITIATIVE	OPTIONS - 2015	INITIATIVES - 2016
The Mayor of Saskatoon participated with the Federation of Canadian Municipalities' decision to support the TRC Call to Action.	Participate with OTC and other partners to develop a multi-year action plan for reconciliation with a set of measurables to respond to the TRC recommendations and enhance the lives of Aboriginal people living in Saskatoon.	The City is partnering with United Way, Saskatoon Tribal Council, Central Urban Metis Federation Inc. (CUMFI), Saskatoon Health Region, SREDA, Aboriginal Friendship Centres of Saskatchewan (AFCS), and other community partners in the Saskatoon Community Action Partnership (SACAP). The organizations are working with "urban matters" a social enterprise organization and expect to have the following by the end of March: *Vision and Goals *Community Action Plan Framework *Summary of State of the Environment *Community Priorities *Framework Document
The City of Saskatoon has partnered with Saskatoon Tribal Council, Gabriel Dumont Institute, CUMFI, OTC, and faith- based groups in various initiatives to promote dialogue on reconciliation and Aboriginal inclusion (e.g. Urban Aboriginal Gathering, Kitsakinaw, Weechitewin Conference, etc.)	Develop a communication plan to inform Saskatoon residents about the proclamation of July 1, 2015 to June 30, 2016 as the Year of Reconciliation and promote events and other initiatives that contribute to reconciliation.	The City and its partners have a Communication Framework with the theme: "Reconciliation Begins with Me". Examples of components include *Development of Reconciliation brand * Shared development of OTC website focusing on Reconciliation *Collection of videos of What Reconciliation means *Materials for organizations to use with their employees *News releases and media scrums *Radio and print ads *Social media *Stakeholder meetings
	Report on the City's annual progress in contributing to increasing the well-being and inclusion of Aboriginal people living in Saskatoon, including progress on the Kitsakinaw Report and Urban Aboriginal Community Gathering recommendations.	Report on the City's annual progress in contributing to increasing the well-being and inclusion of Aboriginal people living in Saskatoon, including progress on the Kitsakinaw Report and Urban Aboriginal Community Gathering recommendations.
	Enhance activities for youth to increase positive race relations and civic engagement among the young adult community.	Follow up on the feedback from the YXE youth speaks event to address racism. Encourage youth involvement/ voting in the municipal election
	Collaborate with the OTC, Conference Board of Canada, and Saskatchewan leaders in a December 3, 2015 event to discuss best practices and opportunities for further advances in reconciliation.	City representatives attended the December 3, 2015 event hosted by the Conference Board of Canada to discuss best practices to advance reconciliation. The Conference Board is preparing a report on the proceedings.
Action #69: Call upon Library and Archives Canada to make information available on Aboriginal peoples and residential schools.		

RELATED CITY INITIATIVE	OPTIONS - 2015	INITIATIVES - 2016
The Saskatoon Public Library (SPL) has a significant collection of books and films and programming related to Aboriginal history, culture, and residential schools. SPL provided programming to the City's northern guests during the 2015 wildfires.	Continue to update the collection of books and films related to Aboriginal history, culture, and residential schools, and offer related programming.	Continue to update the collection of books and films related to Aboriginal history, culture, and residential schools, and offer related programming.
Action # 79: Participate in a strategy to commemorate Aboriginal peoples' history and contributions to Canada.		
Chief Darcy Bear Park was named in recognition of Chief Bear's accomplishments and our longstanding relationship with Whitecap Dakota First Nation.	Educate the Aboriginal community-at-large on City naming processes and continue to identify opportunities for Aboriginal names for City streets, parks, etc.	A report was presented to Council in December 2015 detailing how Planning and Development will work to improve the diversity of names on the Names Master List. A total of 1,200 brochures will be distributed to First Nation and Métis housing organizations including the Saskatoon Tribal Council, Central Urban Métis Federation Inc., Sask Native Rentals, and Camponi Housing. Further collaborations will be made with identified community and educational organizations, including presentations at public events. The composition of the Naming Advisory Committee has changed to include a Diversity Inclusion Consultant. Louis Riel Industrial Park was recently named.
The City provided a Profile Saskatoon Grant and in-kind organizational support for the International Indigenous Music and Cultural Festival (IIMCF) to be held in Saskatoon in August 2016.	Continue to provide organizational support for the IIMCF.	Continue to provide organizational support for the IIMCF.
Public art installations recognize Aboriginal culture and contributions including Chief Whitecap and John Lake statue, Gabriel Dumont statue, Land of Berries, and Spirit of Alliance, War of 1812 Monument (gifted from Whitecap Dakota First Nation in 2014). In 2015, the City and SPS partnered with the STC on developing the Missing and Murdered Aboriginal Women's commemoration artwork.	Continue to partner to ensure that public art in Saskatoon recognizes Aboriginal peoples' history and contributions.	Continue to partner to ensure that public art in Saskatoon recognizes Aboriginal peoples' history and contributions. The City is applying for funding from Heritage Canada for public art that would recognize Aboriginal Peoples' history and contributions to Saskatoon.
The City helped build capacity for Aboriginal artists by supporting the 2014 Aboriginal Artists Symposium.		
Aboriginal contributions to Saskatoon's development are acknowledged through the raising of the Treaty Six flag and Metis Nation of Saskatchewan flag which fly in Civic Square on a permanent basis.		
The City contributes annual funding for the operation of Wanuskewin Heritage Park and participates in its board governance.	Continue support of Wanuskewin.	Continue support of Wanuskewin.
		Saskatoon dignitaries are encouraged to utilize opening remarks recognizing Aboriginal people, and developed in a process led by the University of Saskatchewan Teaching, Learning, and Academic Resources Committee of Council: <i>As we gather here today, I would like to welcome you to Treaty 6 Territory and Homeland of the Metis .We pay our respects to the First Nations and Metis ancestors of this place and we reaffirm our relationship with one another.</i>

RELATED CITY INITIATIVE	OPTIONS - 2015	INITIATIVES - 2016
Action #92: Ensure Aboriginal peoples have access to jobs, training and education opportunities; and they benefit from economic development.		
Senior Management participated in a workshop on "Duty to Consult" and what that means for the City's developments.	Partner with the federal government and First Nations in land development opportunities that fit in with Saskatoon's growth plans.	Planning and Development is reviewing the Official Community Plan to enhance wording regarding voluntary engagement with First Nations and Métis in the planning process.
The City has consulted with Aboriginal people in regional planning discussions. First Nations with land holdings in Saskatoon and area have been engaged in the City's planning discussions.	Collaborate with Saskatoon North Partnership for Growth (P4G) to continue efforts to increase First Nations' input into the Regional Plan project. • Collaborate with SREDA to continue efforts to increase First Nations' representation on the Broader Regional Committee (BRC).	* P4G, in which the City is a partner, continues to engage with First Nations and provide opportunities for input into the Regional Plan. Engagement with specific First Nations is being undertaken in addition to stakeholder and public engagement. * The BRC, which is led by SREDA, continues to engage with First Nations and encourage collaboration in the broader region. * Planning and Development continues to engage with First Nations and provide information relating to planning and land development considerations within the City and the region.
First Nation Community Profiles highlighting 11 First Nations with land holdings within the City were published through a partnership with SREDA. The two-page profiles are intended to promote economic development opportunities and highlight key attributes of each First Nation including leadership, strengths and assets.	• Work with partners to identify workshop themes and deliver components to educate Aboriginal development corporations on opportunities and City processes for development in Saskatoon. Participate in forums to further engage and develop partnerships with the Aboriginal business community. • Hold informational sessions on City Procurement opportunities.	* Additional First Nation Community Profiles are being created for new First Nations land holdings within the City and the region. * The City is partnering with the Federation of Saskatchewan Indian Nations, Indigenous & Northern Affairs Canada, the Ministry of Government Relations, the City of Regina, and SREDA to produce a three-part conference series called 'Prosperity Through Partnerships', focusing on creating wealth through land claims. Events were held December 2015 and January 2016. The last event is scheduled for March 2016.
The City of Saskatoon is a SHRC Employment Equity Partner and in 2014 adopted SHRC's new recommended target for Aboriginal employees to comprise 14% of the City's workforce. A Human Resources Diversity and Inclusion Action Plan and a Human Resources Aboriginal Employment Action Plan have been developed and various initiatives have been implemented by the City to increase job readiness, training, and employment of Aboriginal people.	Implement the Diversity and Inclusion Action Plan and Aboriginal Employment Action Plan to increase Aboriginal employment.	Continue work identified in the Diversity and Inclusion Action Plan and Aboriginal Employment Action Plan. Reporting to Council for information in 2016.

RELATED CITY INITIATIVE	OPTIONS - 2015	INITIATIVES - 2016
<p>The Director of Aboriginal Relations chairs the Saskatoon Aboriginal Employment Partnership (SAEP) to engage a wide range of stakeholders in Aboriginal inclusion initiatives. Through this initiative, the partnership with SREDA, STC, GDI, SIIT, the private sector, and community-based organizations connects Aboriginal people with employment and business opportunities.</p>	<p>Implement Phase 2 of the partnership with SREDA to connect Aboriginal people with employment. Partner to promote the positive aspects for businesses utilizing the Aboriginal labour pool prior to engaging in the Temporary Foreign Worker Program.</p>	<p>Phase two of the Saskatoon Aboriginal Employment Partnership is underway with a new governance model. Key activities include</p> <ul style="list-style-type: none"> *Community engagement with government, businesses, education and training institutions, service providers *Three forums with First Nation and Metis Economic Development Corporations *Networking forum to develop partnerships in the business community *Creation of a Community Action Plan with partners *Developing an evaluation framework with measures *Developing economic development toolkits for Aboriginal Economic Development Corporations *Showcasing Saskatoon's Progress
<p>A "Profile Saskatoon Grant" of \$150,000 and in-kind organizing support was provided in 2015 for the World Indigenous Business Forum (WIBF) to be held in Saskatoon in 2016.</p>	<p>Continue to provide organizational support for the WIBF.</p>	<p>Reporting to Council on results of WIBF in Fall, 2016.</p>
<p>Action #93: Provide inclusive information about Aboriginal peoples to newcomers</p>		
<p>The City of Saskatoon, in partnership with OTC offered a two-day train the trainer program "Building New Relationships Program: First Nations and Newcomers" in February of 2015. Fifty-one participants who work with newcomers and from across many sectors took part. This information helped to address the shortfall in information provided by the federal government in citizenship kits.</p>	<p>In partnership with the federal government, OTC, and other Aboriginal and community organizations, identify how the City can provide information about Aboriginal people to newcomers to Canada through, for instance, making brochures available at City facilities and linking information to our website. The City will not develop its own material, but rather, will utilize its networks to make the information available to newcomers.</p>	<p>Partner with Institute for Canadian Citizenship (ICC) and OTC to host a citizenship ceremony that includes a focus of First Nations and Metis peoples and their contributions.</p> <p>Ongoing work on the One Story and Moving Stories projects</p>

City of Saskatoon – Professional Development and Training Program for Aboriginal Inclusion

The TRC Call to Action includes a recommendation that the following educational components be included in educational training for public service employees: history of Aboriginal peoples, including the history and legacy of residential schools, the *United Nations Declaration on the Rights of Indigenous Peoples*, Treaties and Aboriginal rights, Indigenous law, and Aboriginal – Crown relations, and skill – based training in intercultural competency, conflict resolution, human rights, and anti – racism.

Plan for 2016:

1. Review the current corporate training that is offered to establish if content contains components of curriculum recommended as described above. Include, where possible, as many of the recommended components in current training. The following corporate training will be reviewed: Conversations for Aboriginal Inclusion, Fundamentals of Cultural Competency Workshop, Intercultural Problem Solving Strategies, and Resolving Conflicts Constructively.
2. Include the recommended curriculum in orientation for new employees.
3. Include the recommended curriculum in the orientation for seasonal employees.
4. Include portions of curriculum into presentation at Leadership Forum in Fall 2016. (Leadership Forum has approximately 500 managers, supervisors, and union executives.)
5. Include the recommended curriculum at currently planned divisions and departments meetings that provide professional development and training that already cover general topics (i.e. safety, customer service, etc.). These meetings include staff at a variety of levels.
6. Include curriculum into existing employee volunteer initiatives such as Tuesdays with Ted and Corporate Book Club.
7. Monitor attendance to corporate training through online tracking system.

Preliminary Elements for 2017:

1. Mandatory Tracking
 - a. Phase in mandatory tracking with training that occurs with TRC curriculum
2. Include the resource plan for mandatory training to begin to be phased in for the 2017 Business Planning & Budget as a sustainable long term solution.

St. Mary's Church Storm Water Drainage – 211 Avenue O South

Recommendation

That the Standing Policy Committee on Environment, Utilities and Corporate Services recommend to City Council:

That the Administration provide in-kind engineering assistance to St. Mary's Church to design effective storm water drainage for their property.

Topic and Purpose

The purpose of this report is to report back on options for storm water drainage solutions for the general area around St. Mary's Church located at 211 Avenue O South.

Report Highlights

1. The closure of the east half of the east-west lane in 1964 by St. Mary's Church restricted the lane's originally intended surface drainage route, and measures subsequently implemented were inadequate to maintain drainage for the area.
2. City in-house engineering staff could survey the area and design a new catch basin, piping, and/or open channel swale on the former lane that is now part of the St. Mary's Church site. St. Mary's Church would be responsible for construction costs.

Strategic Goal

This report supports the Strategic Goal of Sustainable Growth by ensuring appropriate infrastructure is in place for infill development and addressing issues related to neighbourhood quality and character.

Background

On September 29, 2014, a public hearing was held to consider a rezoning application for 210 Avenue P South to facilitate the construction of a new four-storey medical office building. At the public hearing, Fr. Jon Hansen expressed concerns regarding the impact the proposed development may have on surface water drainage and flooding on the St. Mary's Church property located at 211 Avenue O South (Attachment 1). Fr. Hansen supported the new development, in principle, but was looking for assurance that the church would not be further impacted by surface water drainage and flooding resulting from the proposed development.

During the public hearing, City Council further discussed surface water drainage in the general area and resolved:

"That the Administration be directed to develop a comprehensive drainage solution for the general area."

Report

Site History and Description

St. Mary's Church was initially constructed in 1920 and was reconstructed in 1930 after a fire. The east half of the east-west lane, immediately north of the church, was closed and incorporated as part of the church property in 1964. The lane was closed to allow water and sanitary sewer services from the existing church structure to be extended to the Administration Building directly north and on the other side of the former lane. This allowed the church to service their new building without constructing pipe connections to the main lines in the street.

Prior to the lane closure, surface water from the south portion of the north-south lane and all of the east-west lane flowed to Avenue O and south to the catch basins that feed into the 20th Street storm sewer system. Closure of the east half of this lane intercepted the originally intended surface drainage route. When a lane or sidewalk is closed and incorporated into a private property, the City creates a drainage easement on the property to allow storm water from the City right-of-way to continue to flow across the property, thereby continuing the existing drainage pattern. The private property owner normally has the responsibility to maintain this drainage path to allow adequate flow as a condition of the closure.

In an attempt to maintain a drainage path to Avenue O, a small catch basin, piping, and swale were installed by the church at the time of the closure. The catch basin and piping are substandard and, over time, the swale has become less distinctive through various alterations, such as landscaping and installation of sidewalks and concrete stairs. Because St. Mary's buildings are not directly connected to the City storm water sewers, run-off from the property flows over sidewalks on Avenue O and 20th Street.

The location of storm mains and the direction of surface water flow are shown in Attachment 2. Storm water from the lanes and adjacent properties in the St. Mary's Church area (the 200 block of Avenue O South and Avenue P South) is directed to storm mains that run east and west along 20th Street West and 21st Street West.

Approximately 80% of the new development drains storm water to the north portion of the north-south lane which flows to the 21st Street storm sewer system. A portion of the new paved parking lot on the south side of the development will contribute slightly more flow to the swale on St. Mary's Church property, flowing to Avenue O and 20th Street.

Storm Water Management Evaluation

Options were reviewed to mitigate concerns of surface water drainage and flooding for the subject block. All options to address both the minor and major storms require that St. Mary's Church re-establish the drainage path through the east-west lane that is now part of the church site. Construction costs on private property are the responsibility of the property owner.

The church's construction costs are estimated to be \$22,000 (excluding GST) to regrade the open channel swale, and up to \$32,000 (excluding GST) for a larger catch

basin, new drainage pipe, and re-grading the swale to Avenue O. In-house City engineering services, valued at approximately \$5,000, would provide more detailed design for the drainage solution to be chosen by St. Mary's Church. The Administration would also seek approval from the owner to register a drainage easement.

Options to the Recommendation

1. City Council may choose to recommend that the City not provide in-kind engineering assistance, based on the premise that the cost for these services is the responsibility of the property owner and a precedent should not be set.
2. The Administration assessed the option of adding a storm sewer from 20th Street West up Avenue O South; however, the cost would be significantly higher for both the City and St. Mary's Church and still would not address its major storm drainage issues.

Public and/or Stakeholder Involvement

Options to address surface water drainage and flooding in the general area were discussed with a St. Mary's Church Committee in December 2015. Committee members asked about the potential for improving 20th Street sidewalk grading and drainage. The sidewalk is not on the reconstruction list based on the prioritization criteria.

Financial Implications

Sufficient funding from the Operating Budget of Storm Water Engineering is available to fund the estimated \$5,000 to provide in-kind engineering design assistance. The option to add a storm sewer would require an additional allocation from the Storm Water Capital Reserve of about \$215,000.

Other Considerations/Implications

There are no communications plan, policy, environmental, privacy, or CPTED considerations or implications.

Due Date for Follow-up and/or Project Completion

Should the option to provide engineering assistance in the design of the open channel swale be adopted, Saskatoon Water will provide design by the spring of 2016.

Public Notice

Public Notice pursuant to Section 3 of Policy No. C01-021, Public Notice Policy, is not required.

Attachments

1. Aerial Map of 200 Block, Avenue O South
2. Storm Water Flow Map

Report Approval

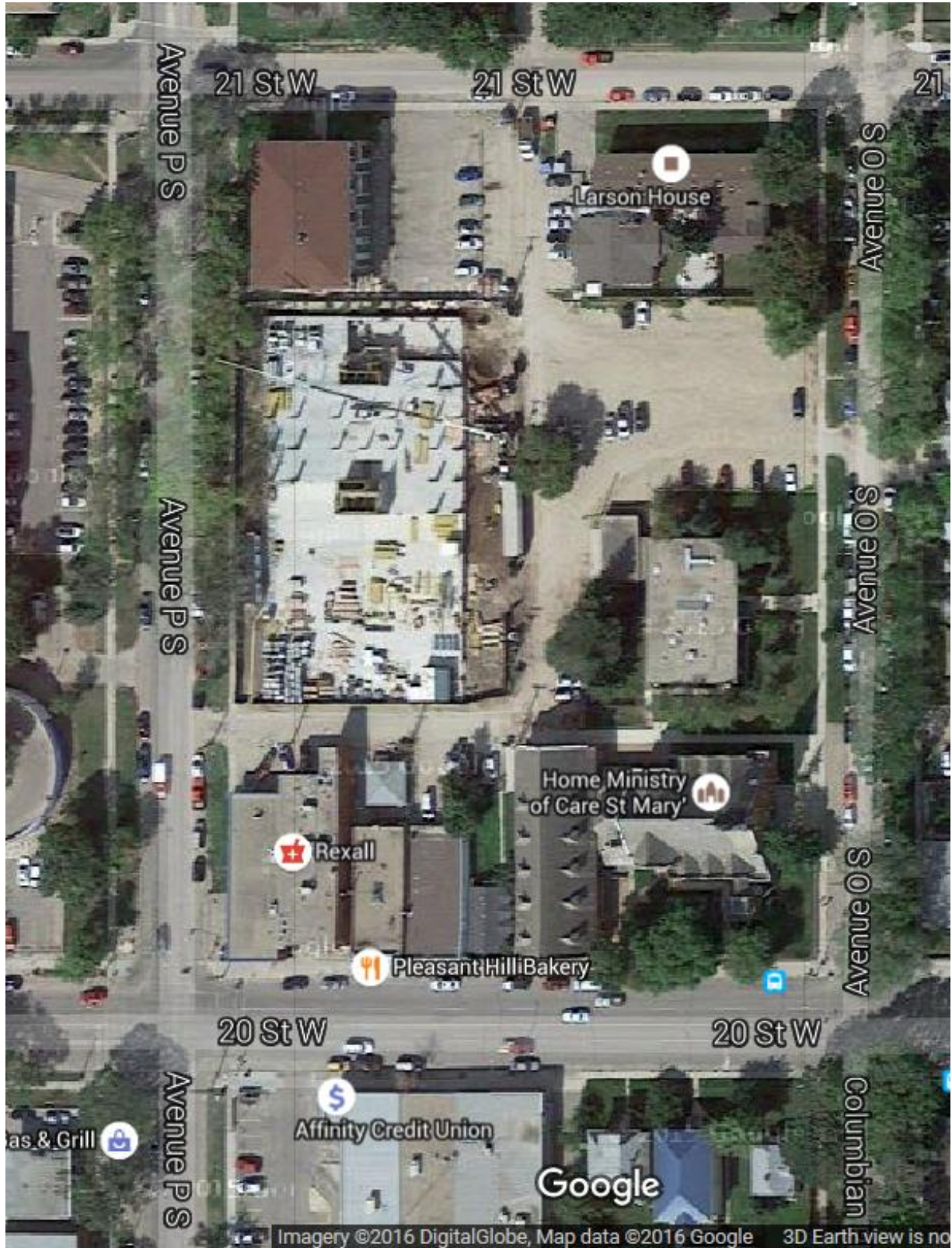
Written by: Darryl Dawson, Manager, Development Review Section
Angela Schmidt, Manager, Storm Water Utility

St. Mary's Church Storm Water Drainage – 211 Avenue O South

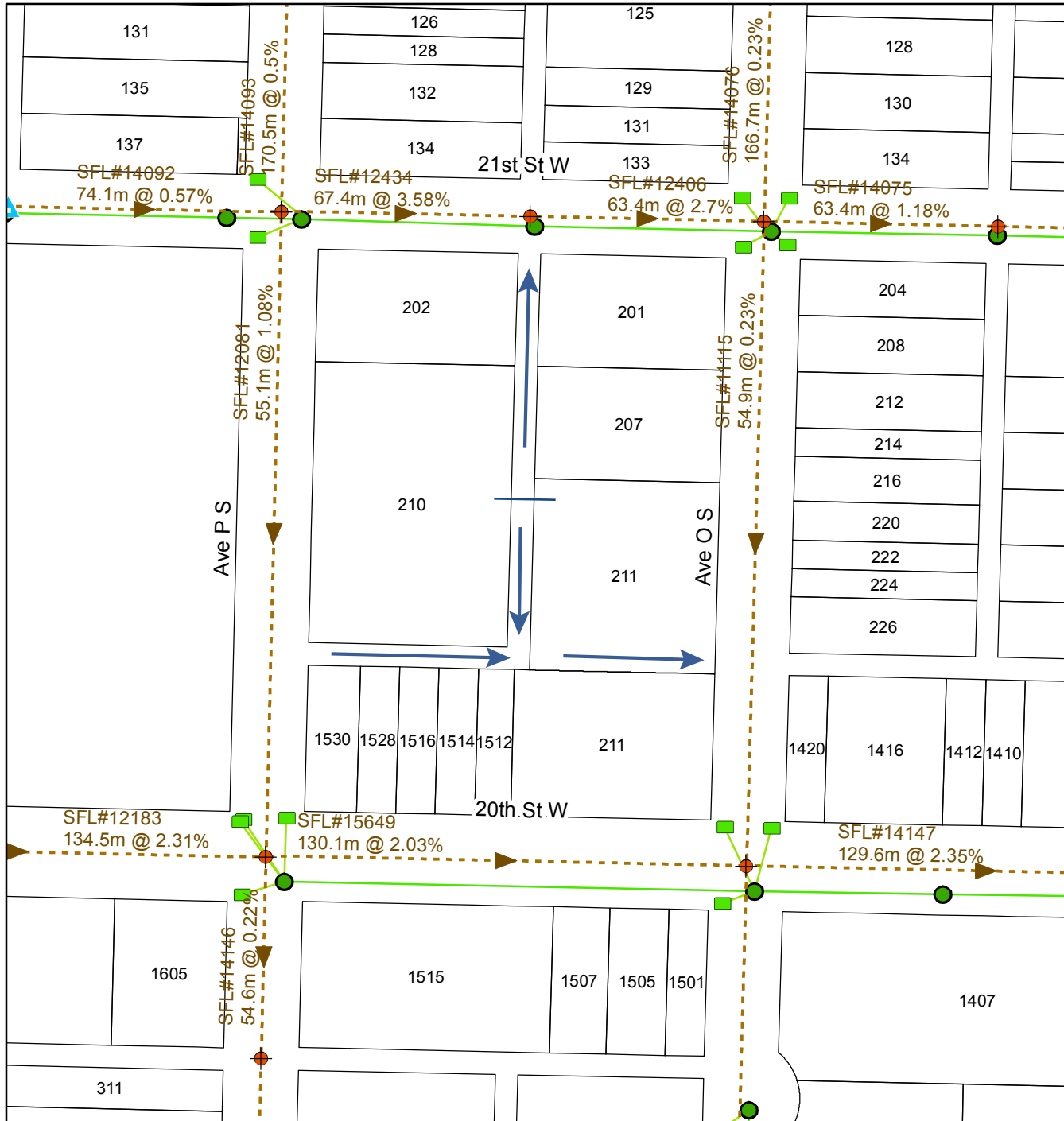
Reviewed by: Reid Corbett, Director of Saskatoon Water
Reviewed by: Alan Wallace, Acting/General Manager, Community Services
Department
Approved by: Jeff Jorgenson, General Manager, Transportation & Utilities
Department

EUCS AS – St. Mary's Church Storm Water Drainage – 211 Avenue O South.docx

Aerial Map of 200 Block, Avenue O South



Stormwater Flow



- Surface Flow - Low Point
 - Surface Flow - Sag
 - Surface Flow - Crest
 - Surface Flow - High Point
 - Surface Flow Node - Other
 - Surface Flow - Line
 - Storm Manhole
 - Storm Catch Basin Manhole
 - Storm Force Main Discharge Manhole
 - Storm Lift Station
- Storm Inlet / Outlet / Outfall**
- Type**
- Inlet
 - Outlet
 - Outfall
 - Storm Catch Basin
 - Storm Catch Basin - Const. Status Unknown
 - Storm Manhole - Const. Status Unknown
 - Storm Catch Basin Lead - Const. Status Unknown
 - Storm Main Pipes - Const. Status Unknown
 - Storm Trunk
 - Storm Main
 - Storm Force Main
 - Storm Catch Basin Lead
 - Storm Bypass Main
 - Storm SubDrainage Main
 - Storm Culvert
 - Storm Flow Arrows - Force
 - Storm Flow Arrows - SubDrainage
 - Storm Flow Arrows - Gravity
- Street Names

2016 Lead Service Line Replacement Funding

Recommendation

That the Standing Policy Committee on Environment, Utilities and Corporate Services recommend to City Council:

1. That \$750,000 be transferred from the Water & Wastewater Stabilization Reserve to the Infrastructure Replacement Reserve – Water and Sanitary Sewers; and
2. That funding from the Infrastructure Replacement Reserve for Capital Project #1615 – Water Distribution be increased by \$750,000, to facilitate an accelerated 2016 Lead Service Line Replacement program as outlined in this report.

Topic and Purpose

The purpose of this report is to update City Council on developments relating to the Home Owner Requested Lead Service Line (LSL) Replacement waiting list and to request City Council approval to transfer funds, in the amount of \$750,000, to accelerate the Lead Service Line Replacement Program.

Report Highlights

1. Saskatoon's approved Level of Service for Lead Service Line (LSL) Replacements includes an annual program replacing LSL's at the request of homeowners.
2. In 2015, there was a sharp increase in homeowner requests, creating a six-to-seven year backlog of replacements at current funding levels.
3. Administration requests City Council approval to transfer funds in the amount of \$750,000 from the Water & Wastewater Stabilization Reserve to the Infrastructure Replacement Reserve – Water and Sanitary Sewers.
4. A request to fund an additional \$750,000 from the Infrastructure Replacement Reserve – Water and Sanitary Sewers to increase the LSL's replaced in 2016 by 100.

Strategic Goal

The information presented in this report supports the City's Strategic Goal of Quality of Life as residents with lead service lines will benefit directly from an accelerated replacement cycle.

Background

On June 13, 2014, a report providing information on the City's current Level of Service for Lead Service Line (LSL) replacements was received by City Council.

The cost to the City for this level of service was estimated to be \$1,500,000 annually, using an estimated unit cost of \$7,500 per connection which includes the City's portion of the replacement costs (60% of the contracted bid price), the City's internal costs, and road restoration.

2016 Lead Service Line Replacement Funding

The Level of Service, estimated annual replacement quantities, and costs are summarized in the following table:

Program	Level of Service	Estimated # of LSL Replaced per year	Annual Cost
Emergency	LSL's requiring emergency replacement are scheduled in a timely manner with no backlog accumulating.	75	\$ 562,500
Road Reconstruction	LSL's in the right-of-way of road reconstruction are replaced prior to road work with no backlog accumulating.	25	\$ 187,500
Homeowner Requested	That 100 homeowner requested LSL replacements will be completed per year, with a backlog remaining at a steady state of approximately 200 requests.	100	\$ 750,000
Totals		200	\$1,500,000

Report

The Level of Service goal for homeowner requested LSL replacements is to keep the backlog steady over time. With the backlog remaining steady, new entries onto the homeowner replacement list will have an approximate two-year wait time until their connection is replaced.

In 2014, it was estimated that replacing 100 homeowner requested LSL's per year would achieve this goal; however, this amount would need to be reviewed annually to adjust to fluctuations in the number of new requests per year.

The following table summarizes the number of new homeowner requests per year from 2010 to 2015.

Year	# of new requests
2010	10
2011	35
2012	70
2013	137
2014	89
2015	543

With the significant increase in homeowner requests experienced in 2015, the current backlog is 647 requests. At current funding and replacement rates, Level of Service

2016 Lead Service Line Replacement Funding

goals are not being met; the backlog is increasing over time and new entries to the request queue can expect a six to seven year wait before their LSL is replaced.

Policy C03-003 S11.4d allows for the transfer of funds from the Water & Sewer Utilities Stabilization Reserve to the Infrastructure Replacement Reserve – Water and Sanitary Sewers with City Council approval.

As of December 31, 2015, Saskatoon Water had a positive year-end operating variance of \$4,575,370.48 which was transferred to the Water & Sewer Utilities Stabilization Reserve, of which, \$554,975.00 was used to maximize the reserve balance. From the remaining \$4,020,395.48, a total of \$3,270,395.48 has been allocated to Water and Wastewater Capital reserves, per policy, in order to reduce the need for new debt. The Administration requests approval from City Council to transfer the remaining \$750,000 to the Infrastructure Replacement Reserve – Water and Sanitary Sewers, as per the above policy and use the \$750,000 to accelerate the Lead Service Line Replacement Plan, as proposed in this report.

The increased funding will allow an additional 100 homeowner requested LSL's to be replaced in 2016. This represents a 50% increase in funding over the initially submitted 2016 budget and is the upper limit of work that administration feels can be properly planned for and executed in the 2016 construction season.

Recommended 2016 program:

Program	Projected 2016 LSL Replacements	Cost
Emergency	75	\$ 562,500
Road Reconstruction	25	\$ 187,500
Homeowner Requested	200	\$1,500,000
Totals	300	\$2,250,000

Options to the Recommendation

The \$750,000 could be allocated to the Waterworks Capital Projects Reserve and/or the Sewage Treatment Capital Reserve.

Public and/or Stakeholder Involvement

This report details data and initiatives that were developed in conjunction with the Public Works, Construction & Design, and Saskatoon Water divisions.

Communication Plan

The City has a communication plan to educate residents about lead connections and provide information about the LSL Replacement Program. If the recommendation is approved, communication tactics within the plan will be updated.

Current communication tools include a page on the City's website, a letter mailed periodically to property owners and occupants with lead service connections advising them of the replacement program, a brochure, and a letter to residents who request a new utility account at a property known to have an LSL.

Policy Implications

The recommendation is in accordance with Policy C03-003 S11.4d.

Financial Implications

Saskatoon Water experienced a positive operational result in 2015 which allows for this funding to be available for transfer to the Infrastructure Replacement Reserve – Water and Sanitary Sewers.

The Saskatoon Water Stabilization Reserve has a balance of \$750,000 over the maximum allowed by policy that will fund this transfer.

Other Considerations/Implications

There are no options, policy, environmental, privacy, or CPTED implications or considerations.

Due Date for Follow-up and/or Project Completion

This report is submitted annually. The Administration is working on a report for Committee that will recommend a substantial re-think of the way the City rehabilitates water main infrastructure for 2017 and beyond. An aggressive program will consolidate LSL replacements, water main break history and capacity improvements, and will consider roadway condition as well in a comprehensive program aimed at accelerating the replacement of the City's water main system. Although originally anticipated in March, the report is expected to be ready for Committee's consideration in May.

Public Notice

Public Notice pursuant to Section 3 of Policy No. C01-021, Public Notice Policy, is not required.

Report Approval

Written by: Stephen Wood, Manager, Water & Sewer Preservation
Beverly Stanley, Accounting Coordinator II

Reviewed by: Rob Frank, Manager, Asset Preservation Section
Reid Corbett, Director of Saskatoon Water
Mike Gutek, Director of Major Projects

Approved by: Jeff Jorgenson, General Manager, Transportation & Utilities
Department

EUCS SW – 2016 Lead Service Line Replacement Funding