

ORDER OF BUSINESS

REGULAR MEETING OF CITY COUNCIL

MONDAY, MARCH 26, 2012 AT 6:00 P.M.

1. **Approval of Minutes** of the regular meeting held on March 12, 2012.

2. **Public Acknowledgements**

3. **Unfinished Business**

4. **Matters Requiring Public Notice**
 - a) **Highway 16 Sound Attenuation Project**
AND
Award of Tender
Capital Project 1522 - Traffic Sound Attenuation
Construction of Sound Wall
Highway 16 between Boychuk Drive and Highway 11
(File No. CK. 375-2 and IS. 375-2)

The following is a report of the General Manager, Infrastructure Services Department dated March 20, 2012:

- “RECOMMENDATION:**
- 1) that the Administration be authorized to borrow up to \$1,397,607 to finance the construction of a 3.5 metre high, 1,815 metre long sound attenuation wall along Highway 16, between Boychuk Drive and Circle Drive;

 - 2) that the tender submitted by Gunther’s Masonry Construction Ltd., Option 1, for the financing and construction of a sound wall on Highway 16 between Boychuk Drive and Highway 11, in the amount of \$2,497,607, plus G.S.T., and including a financing fee of \$100,800 be approved; and

- 3) that an annual debt repayment of \$550,000 per year until 2015 be financed from the Traffic Noise Attenuation Reserve.

BACKGROUND:

City Council, at its meeting held on June 13, 2011, considered a report of the Planning and Operations Committee and adopted the following recommendation:

- “1) that after input has been received from residents in the Lakeview and Lakeridge neighborhoods, the Administration proceed to tender for the construction of a sound attenuation wall along Highway 16 with the following two pricing options:
 - a) construction of a portion of the wall based on the current available funding; and
 - b) construction of the entire length of the wall, from Boychuk Drive to Highway 11, with construction to commence in 2011 for completion by September 2012, with financing to be provided by the contractor and the repayment schedule to be aligned with the current annual funding received within Capital Project 1522 (approximately \$576,000 per year); and
- 2) that the Administration report further requesting approval of the award of tender and, if necessary, any costs associated with financing.”

REPORT

A Public Open House was held at Lakeview School on June 15, 2011 to allow residents an opportunity to provide input into the location and height of the proposed sound wall along Highway 16, between Boychuk Drive and Highway 11, which is directly adjacent to 120 residential properties. The Open House was attended by 20 residents.

There is currently a large buffer between the Highway 16 right-of-way and the residential private properties. This buffer contains an overhead high voltage power line, a buried high-pressure natural gas transmission line and a shelter-belt with trees and grassed areas. The buffer is open to pedestrians and is extensively used for walking, running and passive recreation. The proposed sound wall was to be located approximately in the middle of this open space. Therefore, while there was overwhelming support for the project, many comments were received regarding the proposed location not maximizing the availability of the open space between the sound wall and the private properties.

The main constraint on the location of the wall was the natural gas pipeline. The Administration entered into negotiations with TransGas and obtained permission to locate the wall six metres from the pipe centerline, which will allow it to be located to the south of the pipeline, increasing the available open space to the maximum possible, as shown on Attachment 1.

At the far east end of the buffer there is currently a large earth berm, which already provides a sound barrier for the approximately 20 residences directly adjacent to it. These residents currently don't feel that a sound wall on top of the berm is necessary, as the berm provides adequate sound attenuation. It was, therefore, determined that a sound wall will not be built on top of the berm at this time, however, it's need and desirability will be reviewed in the future, during the design of the Highway 16 and Boychuk Drive interchange. This information was related back to the 120 residents adjacent to the proposed sound wall, in the form of a follow up flyer, sent via direct mail to each household in November, 2011 (Attachment 2). No further concerns or comments were received.

The design of the sound wall was completed in the fall of 2011, and a tender was issued in January 2012. The tender included four options:

- Option 1A – Construction of the entire 1,815 metre long, 3.5 metre high sound attenuation wall using the approved Allan Block Fence System;
- Option 1B Construction of the entire 1,815 metre long, 3.5 metre high sound attenuation wall using the approved Verti-Crete Fence System;
- Option 2A - Construction of a 550 metre long, 3.5 metre high portion of the sound attenuation wall using the approved Allan Block Fence System; and
- Option 2B - Construction of a 550 metre long, 3.5 metre high portion of the sound attenuation wall using the approved Verti-Crete Fence System.

Tenders were publicly opened on January 24, 2012 with seven bids being received as follows:

- Wilco Contractors S.W. Inc.;
- Gunther's Masonry Construction Ltd.;
- Saskcon Repair Services Ltd.;
- Gracom Masonry;
- Carmont Construction Ltd.;
- Cormode and Dickson Construction (1983) Ltd.; and
- DDS Consulting Division of 755080 Alberta Ltd.

The low bid submitted by Gunther's Masonry Construction Ltd., which includes the construction of an Alan Block Fence System, was as follows:

- Option 1 – “Project Financing Costs” in the amount of \$2,497,607, plus G.S.T., which will include the construction of the entire 3.5 metre high, 1,815 metre long sound attenuation wall during the 2012 construction season. The bid price of \$2,497,607 includes borrowing \$1,397,607, with a financing fee of \$100,800. The City will pay the contractor a maximum of \$550,000 per year until 2015. The averaged unit cost for this option is approximately \$1,376 per lineal metre.
- Option 2 – “Available 2012 Funding” in the amount of \$816,487, plus G.S.T., which will include construction of 550 metres of the 3.5 metre high sound attenuation wall in the 2012 construction season. Based on the bid price alone, the averaged unit cost for this construction in 2012 is approximately \$1,485 per lineal metre. Separate tenders will be required for each subsequent year of construction until completed.

Based on the bid results, the Administration is recommending that the bid from Gunther’s Masonry Construction Ltd., Option 1, Contractor Financing, be approved, as it will provide the lowest overall cost, even when the additional financing costs are taken into consideration. In addition, it is recommended that the entire project be completed in 2012, except for the portion adjacent to the earth berm as previously noted, allowing for continuity in providing noise attenuation to residents along this portion of Highway 16.

FINANCIAL IMPACT

The net cost to the City of Saskatoon from Gunther’s Masonry Construction Ltd. for Option 1 is as follows:

Sound Wall Construction	\$2,396,807.00
Financing Cost	\$ 100,800.00
G.S.T	<u>\$ 124,880.35</u>
Total Contract Price	\$2,622,487.35
G.S.T Rebate	<u>\$ 124,880.35</u>
Net Cost to City	\$2,497,607.00

Capital Project 1522 – Traffic Sound Attenuation includes approved funding in the amount of \$1,100,000 in 2012. The bid price of \$2,497,607 from Gunther’s Masonry Construction Ltd. includes a financing fee of \$100,800 for the borrowing of the remaining \$1,397,607.

Capital Project 1522 receives an annual contribution from the Traffic Noise Attenuation Reserve in the amount of \$550,000, which will be used to pay the annual financing costs through 2015. Therefore, no further sound attenuation projects will proceed until 2016,

unless additional funding is received. Preliminary calculations indicate that the financing charges equate to approximately 4.5% per year.

ENVIRONMENTAL IMPLICATIONS:

There are no environmental implications.

PUBLIC NOTICE

Public Notice is required for consideration of this matter, pursuant to Section 3e) of Policy No. C01-021, The Public Notice Policy. The following notice was given:

1. Advertised in the Star Phoenix on Saturday, March 17, 2012;
2. Posted on the City Hall Notice Board on Thursday, March 15, 2012; and
3. Posted on the City of Saskatoon website on Thursday, March 15, 2012.

COMMUNICATIONS PLAN

Communications regarding this project have been outlined in this report.

ATTACHMENTS

1. Proposed Sound Attenuation Wall Site Plan;
2. Flyer Sent to Residents in November 2011; and
3. Copy of Public Notice.”

5. Reports of Administration and Committees:

- a) Administrative Report No. 5-2012;
- b) Legislative Report No. 3-2012;
- c) Report No. 5-2012 of the Planning and Operations Committee;
- d) Report No. 2-2012 of the Land Bank Committee; and
- e) Report No. 5-2012 of the Executive Committee.

- 6. Communications to Council – (Requests to Speak to Council regarding reports of Administration and Committees)**

- 7. Communications to Council (Sections B, C, and D only)**

- 8. Question and Answer Period**

- 9. Matters of Particular Interest**

- 10. Enquiries**

- 11. Motions**

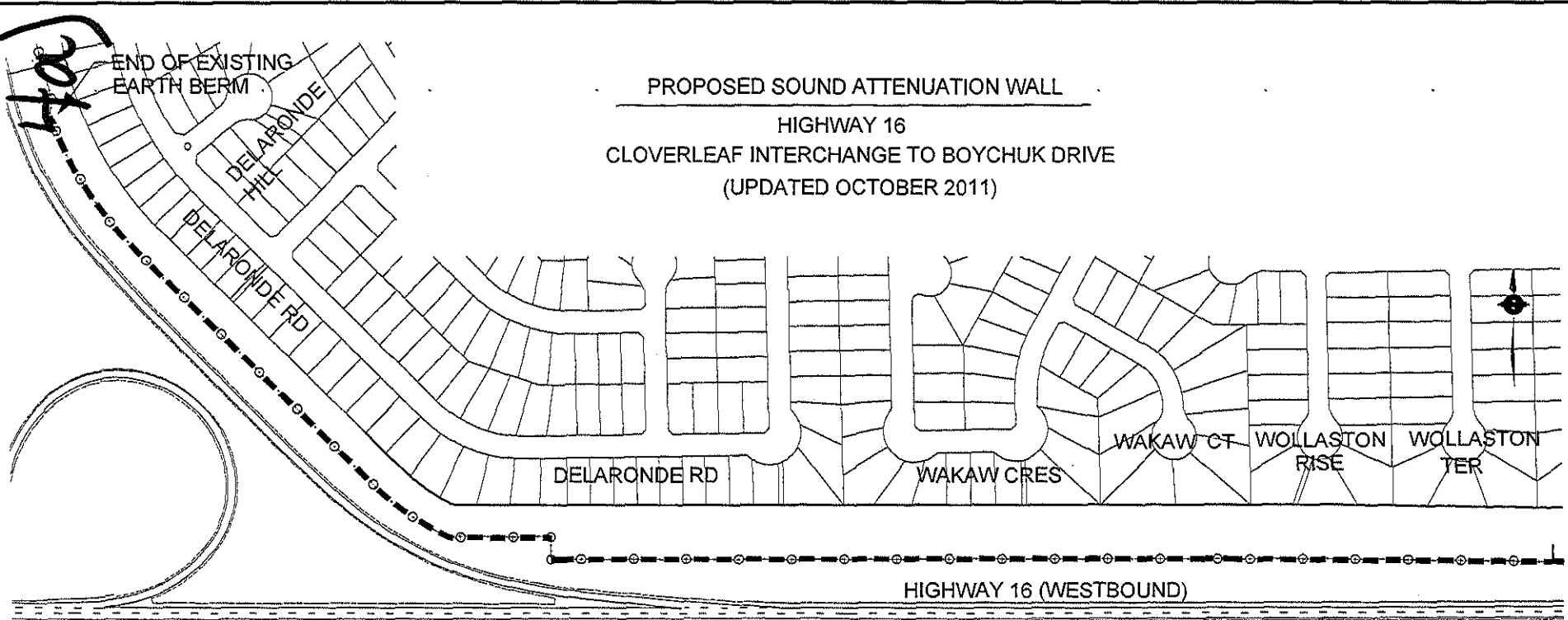
- 12. Giving Notice**

- 13. Introduction and Consideration of Bylaws**
 - Bylaw No. 9012 - The Campaign Disclosure and Spending Limits Amendment Bylaw, 2012
 - Bylaw No. 9013 - The Recreation Facilities and Parks Usage Amendment Bylaw, 2012

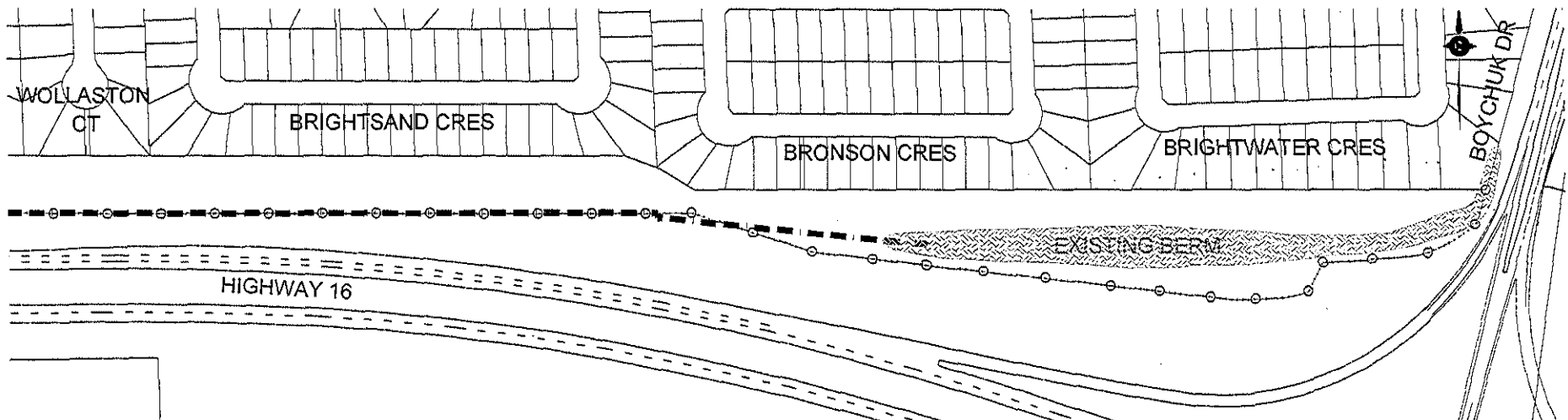
- 14. Communications to Council – (Section A - Requests to Speak to Council on new issues)**

Attachment 1

PROPOSED SOUND ATTENUATION WALL
HIGHWAY 16
CLOVERLEAF INTERCHANGE TO BOYCHUK DRIVE
(UPDATED OCTOBER 2011)



SCALE 1:4000



SCALE 1:4000

EXISTING BERM
NO WALL PROPOSED
AT THIS TIME



LEGEND

- PROPOSED SOUND WALL
- EXISTING CHAIN LINK FENCE

Highway 16: Boychuk Drive to Cloverleaf Interchange Soundwall Project

Update -- November 2011

The City of Saskatoon is proposing to construct a 3.5 metre (12 foot) soundwall along Highway 16 from Boychuk Drive to the Cloverleaf interchange near to the Lakeview and Lakeridge Neighborhoods. This proposed soundwall would reduce the traffic noise levels for residents whose properties back on to Highway 16, and generally reduce traffic noise for the neighbourhood as a whole. An open house was held on June 15, 2011 to show residents the proposed location and height of the soundwall; and to receive comments on this project.

Two dominant themes emerged in the comments that were received:

- 1) Put the wall as far as possible from the homes in order to maximize the green space between the residential properties and the soundwall; and,
- 2) do not build the soundwall on the berm adjacent to Brightwater and a portion of Bronson Crescent.

As a result, a revised location is being proposed. The soundwall would replace the existing chain-link fencing that is currently located between the residential properties and Highway 16 as shown on the plan on the reverse of this flyer. The City of Saskatoon has received a permit from TransGas to locate the soundwall no closer than 6m to their pipeline through this area and that has made it possible to construct the soundwall on the existing fence line. Secondly, concerns regarding the view obstruction created by a soundwall on the crest of an already high berm have resulted in the deletion of this portion of the proposed soundwall. A soundwall at this location will be reconsidered at the time of construction of the Highway 16 & Boychuk Drive interchange.

The proposed soundwall location is shown in the diagram on the reverse of this notice.

For information or to comment on the proposed soundwall project, contact:

Don Cook, Transportation Branch, City of Saskatoon

Email: don.cook@saskatoon.ca Ph: 975-2642 Fax: 975-2971

Or visit www.saskatoon.ca and click on 'S' for Sound Attenuation

(See reverse for diagram)

PUBLIC NOTICE

INTENT TO BORROW

City Council will be considering a report from the Administration at a Council meeting to be held on Monday, March 26, 2012 at 6:00 p.m., Council Chambers, City Hall recommending:

That City Council authorize borrowing up to \$1,397,607 to finance the following project, subject to City Council approval:

The construction of a 3.5m high by 1850m long sound attenuation wall along Highway 16 between Boychuk Drive and Circle Drive.

The expected loan will be for a three-year term at an interest rate of about 4.5 per cent. The debt repayment is supported by an annual contribution of approximately \$550,000 from the Traffic Noise Attenuation Reserve.

The Cities Act and City Council Bylaw 8171 require that City Council give public notice before borrowing money, lending money or guaranteeing the repayment of a loan.

City Council passed a resolution at its meeting on December 5, 2007, that provides for a 10% variance on the borrowing requirements for each project identified. Any variance greater than 10 per cent of the borrowing amount identified must be reported to City Council.

For more information, contact the City Clerk's Office:
975-3240