

THE CORPORATION OF THE
CITY OF WHITE ROCK
15322 BUENA VISTA AVENUE, WHITE ROCK, B.C. V4B 1Y6



May 2, 2014

A MEETING of the **JOHNSTON ROAD RECONSTRUCTION AND BEAUTIFICATION TASK FORCE** will be held at the **CENTRE FOR ACTIVE LIVING (1475 Anderson Street)** on **TUESDAY, MAY 6, 2014**, at **9:30 a.m.** for the transaction of business listed below.

Tracey Arthur, City Clerk

A G E N D A

1. CALL TO ORDER

2. ADOPTION OF AGENDA

RECOMMENDATION

THAT the Johnston Road Reconstruction and Beautification Task Force adopt the agenda for the February 19, 2014 meeting as circulated.

3. ADOPTION OF MINUTES

a) **February 19, 2014**

4. PROJECT COST ESTIMATES AND PHASING

5. OTHER BUSINESS

6. NEXT MEETING

To be determined

8. CONCLUSION OF THE MEETING

PRESENT: Councillor Campbell, Chairperson
Councillor Hutchinson

ABSENT: Councillor Lawrence

STAFF: B. Ambardar, Manager, Engineering
D. Bottrill, CAO
L. Sym, Committee and FOI Clerk

1. CALL TO ORDER

The meeting was called to order at 12:00 p.m.

2. ADOPTION OF AGENDA

It was MOVED and SECONDED

THAT the Johnston Road Reconstruction and Beautification Task Force adopts the agenda moving item 6, "Johnston Road Project Walk" to item 4, and renumbers the agenda in accordance with the amendment.

CARRIED

3. ADOPTION OF MINUTES

a) **January 29, 2014**

It was MOVED and SECONDED

THAT the Johnston Road Reconstruction and Beautification Task Force adopts the minutes for the January 29, 2014 meeting as circulated.

CARRIED

4. JOHNSTON ROAD PROJECT WALK

Staff provided a map indicating the changes requested by the Task Force at the January 29, 2014 meeting.

The Task Force walked the route of the proposed changes on Johnston Road, from North Bluff to Russell Avenue.

5. PROJECT COST ESTIMATES

Staff advised that the City of White Rock has \$340,000 set aside for sidewalk improvements from North Bluff to Russell Avenue, east side only. The cost estimate for sidewalk improvements, east and west side of Johnston Road from North Bluff to Russell Avenue, including light poles is \$725,000, not including hanging basket poles.

Staff will review the Sewer and Drainage Master Plan to see if repairs to sewers may be required. Task Force members noted that the improvements will be changing the grade in the road by re-paving the surface rather than re-constructing the road structure.

It was suggested that crosswalks be constructed with stamped asphalt, featuring the City's wave/brand. New sidewalk panels could also include artistic detail. It was agreed to review

the 2011 Town Centre Design Guidelines Study prepared by MMM Group Ltd. with regard to suggested infrastructure.

It was suggested that the current banner poles remain, but be painted to match the rest of the infrastructure.

The welcome to White Rock sign at North Bluff Avenue and Johnston Road will be replaced, as will the one on Marine Drive just west of King George Highway.

6. OTHER BUSINESS

None.

7. NEXT MEETING

The next meeting will be at the call of the Chairperson.

8. CONCLUSION OF THE MEETING

The Chairperson declared the meeting concluded at 1:30 p.m.



Councillor Campbell, Chairperson

Lorraine Sym, Committee and FOI Clerk

Lorraine Sym

From: Bob Ambardar
Sent: Monday, April 28, 2014 2:03 PM
To: Al Campbell
Cc: Lorraine Sym; Louise Hutchinson; Bill Lawrence; Greg St. Louis
Subject: Johnston Road Task Force Update
Attachments: 2577-00-SK102-103.pdf; est_wrk_johnston_road_phased_20140425_sn.pdf

Dear Task Force Members,

This e-mail is an update on the work that has been going on since our last meeting.

Associated Engineering has completed a phasing plan for construction and preliminary cost estimate based on the proposed phasing. We have contacted Imperial Paving to get an estimate of the construction duration for each phase if it was done separately and if phases are combined. Based on our initial meetings, the total scope of construction includes:

- New sidewalk both sides
- Some new curb & gutter
- Re-grading of road
- Removal of driveways on west side
- Removal of mid-block left-turn bay
- Relocation of crosswalk further south between Russell & North Bluff
- New central median including landscaping and fencing to prevent illegal crossing
- Removal of mid-block cross walk between Thrift & Russell
- Removal of Street trees and replacement with hanging basket poles
- Removal of Street Lights and replacement with double street lights in a central median
- Replacement of storm & sanitary sewer –west side between Russell & North Bluff and east side between Thrift & Russell
- Renewal of old service connections for sanitary & storm sewers

We are proposing the following phasing as shown on the attached sketch. Estimated construction duration and approximate cost is below:

- | | |
|---|---|
| 1. East side – Russell to North Bluff including median & streetlights | 4 |
| weeks \$374,000 | |
| 2. West side- Russell to North Bluff including removal of curb bulges to create 2 lanes | 5 |
| weeks \$468,000 | |
| 3. East side – Russell to Thrift | 4 |
| weeks \$466,000 | |

The total cost is estimated as \$1,308,000, and if all phases were done consecutively the total duration would be 9 weeks. We are completing CCTV camera inspection of the sewers next week to determine their condition and will revise the estimates accordingly.

Current funding sources for these works would tentatively be:

\$340,000 from the 2014 Johnston Road sidewalk replacement capital budget

\$270,000 from the 2014 Drainage renew and replace program
\$216,000 from the 2014 Sanitary capacity upgrades capital budget

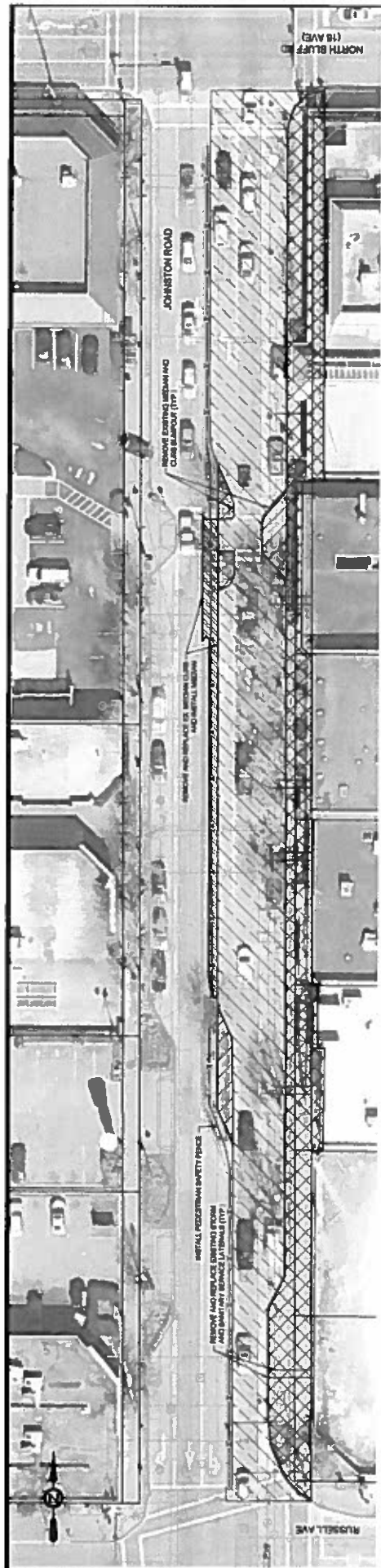
Remaining funding required of \$482,000 would come from a reallocation of current and future capital budgets. It should be noted that \$1,151,000 was allocated for the roadwork portion of this project for 2018.

If we are in agreement with the phasing and costs then the next step for the Task Force would be public consultation, especially with affected businesses. Please provide your comments by e-mail or let me know if we should convene for a meeting to discuss further.

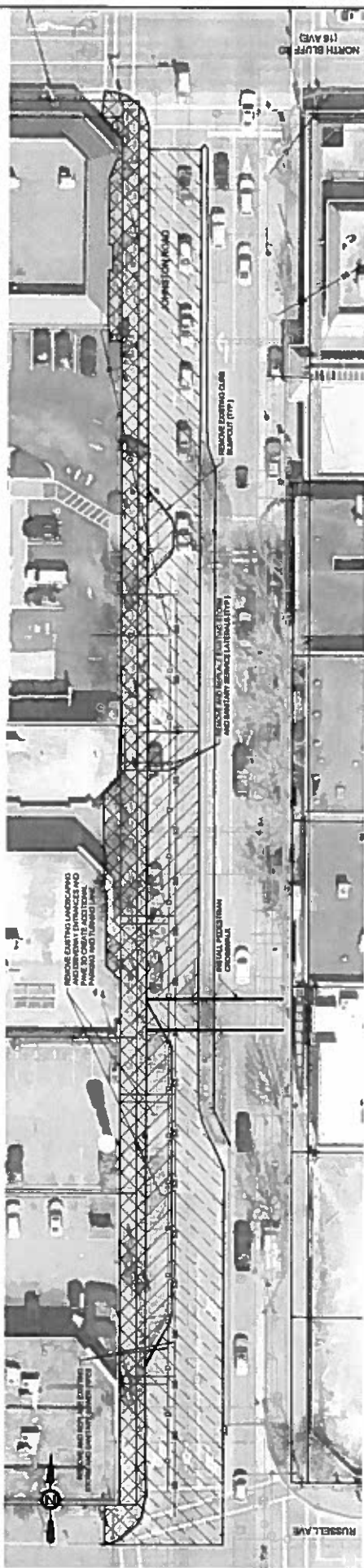
Sincerely,

BOB AMBARDAR P.ENG,
Manager, Engineering, City of White Rock
877 Keil Street, White Rock, BC V4B 1Y6
Tel: 604.541.2181 | Fax: 604 541 2190 | www.whiterockcity.ca





PLAN
PHASE 1, JOHNSTON ROAD, EAST SIDE
NORTH BLUFF ROAD TO RUSSELL AVENUE



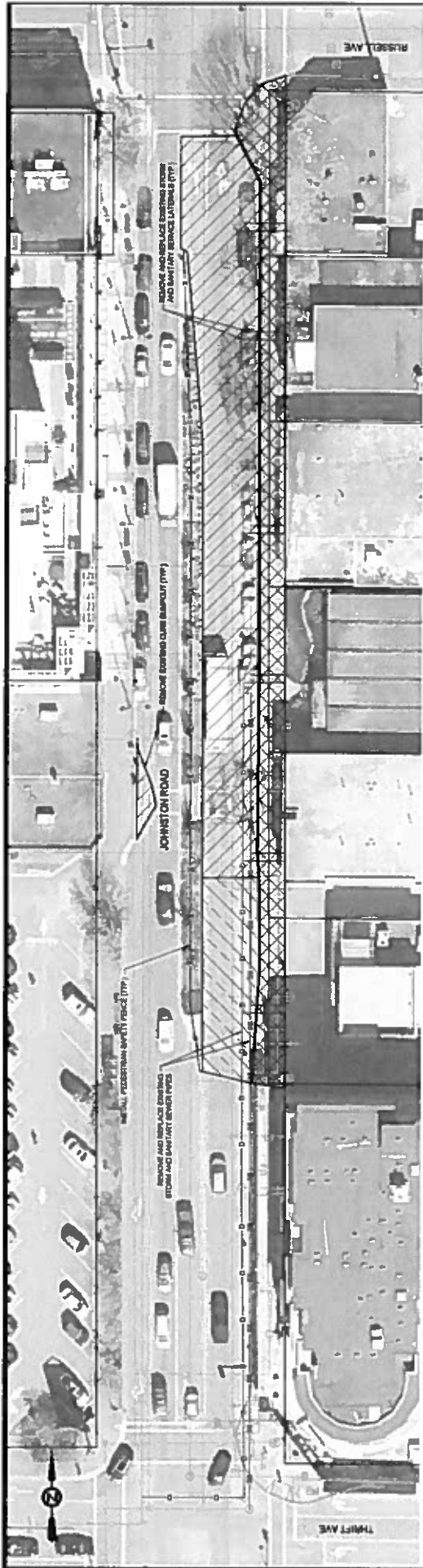
PLAN
PHASE 2, JOHNSTON ROAD, WEST SIDE
NORTH BLUFF ROAD TO RUSSELL AVENUE

- LEGEND
- 10' MIN. FULL DEPTH ASPHALT PAVEMENT
 - 10' MIN. FULL DEPTH ASPHALT PAVEMENT
 - REMOVE AND REPLACE EXISTING ASPHALT
 - REMOVE AND REPLACE EXISTING ASPHALT
 - 30' MIN. MALL AND OVERTAKE

The Drawing is for The Use of The Client and Any Project Related Representations, Of Any Kind, Made To Other Parties

JOHNSTON ROAD SIDEWALK UPGRADES

PRELIMINARY NOT FOR CONSTRUCTION			PROJECT No. 2577-00-SK102 SCALE 1"=20' DRAWN BY DESIGNED BY CHECKED BY			
			CITY OF WHITE ROCK JOHNSTON ROAD CONCEPTUAL LAYOUT PHASES 1 AND 2	JOHNSTON ROAD SIDEWALK UPGRADES	SHEET NO. 2	TOTAL SHEETS 2
REVISIONS						
NO.	DATE	ENG.	BY	DESCRIPTION	SUBJECT	



PLAN
 1:20
 PHASE 3 JOHNSTON ROAD EAST SIDE
 RUSSELL AVENUE TO THRIFT AVENUE

- LEGEND**
- INSTALL FULL DEPTH ASPHALT PAVEMENT
 - REMOVE AND REPLACE EXISTING ASPHALT
 - 20 mm MLL AND OVERLAY

This Drawing is For The Use Of The Client And Not To Be Reproduced Or Used For Any Other Purpose Without The Written Consent Of The Engineer.

PROJECT No. 2012377		SCALE 1:200	
DATE	DESIGNED	BY	CHK
CITY OF WHITE ROCK		JOHNSTON ROAD SIDEWALK UPGRADES	
JOHNSTON ROAD CONCEPTUAL LAYOUT PHASE 3		DRAWING NUMBER 2577-00-SK102	
REV NO		2	
SHEET		1	
TOTAL SHEETS		3	



**PRELIMINARY
 NOT FOR
 CONSTRUCTION**

REVISIONS

NO	DATE	BY	DESCRIPTION

CLIENT : City of White Rock

PROJECT : Johnston Road Conceptual Design and Sidewalk Replacement

PROJECT NO : 20132577

DATE: April 25,2014



Associated
Engineering

GLOBAL PERSPECTIVE
LOCAL FOCUS.

CONCEPTUAL COST ESTIMATE

ITEM #	DESCRIPTION	UNIT OF MEASURE	QUANTITY	UNIT PRICE	AMOUNT
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I JOHNSTON ROAD, RUSSELL AVENUE TO NORTH BLUFF ROAD, EAST SIDE

1.1	Traffic Control	day	4	\$800.00	\$3,200.00
1.2	Common excavation	m ³	300	\$35.00	\$10,500.00
1.3	Remove and replace existing storm sewer service lateral	ea	7	\$3,000.00	\$21,000.00
1.4	Remove and replace existing sanitary sewer service lateral	ea	7	\$3,000.00	\$21,000.00
1.5	Install MMCD C5 curb and gutter	l.m.	140	\$80.00	\$11,200.00
1.6	Install 100 mm concrete sidewalk	m ²	900	\$75.00	\$67,500.00
1.7	Reshape existing subgrade	m ²	100	\$2.00	\$200.00
1.8	300mm select granular subbase	m ²	100	\$30.00	\$3,000.00
1.9	100 mm 19 mm minus base course	m ²	100	\$10.00	\$1,000.00
1.10	90 mm lower course #1 Asphalt	m ²	100	\$25.00	\$2,500.00
1.11	50 mm upper course #1 asphalt	m ²	100	\$15.00	\$1,500.00
1.12	50 mm mill and asphalt overlay	m ²	1800	\$20.00	\$36,000.00
1.13	Install pedestrian safety fence	l.m.	200	\$50.00	\$10,000.00
1.14	Line painting	LS	1	\$750.00	\$750.00
1.15	Install planter poles	ea	4	\$2,000.00	\$8,000.00
1.16	Install double davit streetlights in median (incl. conduit and junction boxes)	ea	8	\$6,000.00	\$48,000.00
1.17	Remove existing street tree	ea	12	\$1,000.00	\$12,000.00
1.18	150 mm topsoil and seed for median	m ²	200	\$10.00	\$2,000.00

SUBTOTAL FOR JOHNSTON ROAD, RUSSELL AVENUE TO NORTH BLUFF ROAD, EAST SIDE

\$259,350.00

CLIENT : City of White Rock

PROJECT : Johnston Road Conceptual Design and Sidewalk Replacement

PROJECT NO : 20132577

DATE: April 25,2014



Associated
Engineering

GLOBAL PERSPECTIVE
LOCAL FOCUS.

CONCEPTUAL COST ESTIMATE

ITEM #	DESCRIPTION	UNIT OF MEASURE	QUANTITY	UNIT PRICE	AMOUNT
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2 JOHNSTON ROAD, RUSSELL AVENUE TO NORTH BLUFF ROAD, WEST SIDE

2.1	Traffic Control	day	10	\$800.00	\$8,000.00
2.2	Common excavation	m ³	700	\$35.00	\$24,500.00
2.3	Remove ex. 150 mm storm sewer and replace with 250 mm storm sewer	l.m.	50	\$300.00	\$15,000.00
2.4	Remove ex. 250 mm storm sewer and replace with 300 mm storm sewer	l.m.	120	\$350.00	\$42,000.00
2.5	Remove ex. 200 mm sanitary sewer and replace with 200 mm sanitary sewer	l.m.	120	\$300.00	\$36,000.00
2.6	Remove and replace existing storm sewer service lateral	ea	5	\$3,000.00	\$15,000.00
2.7	Remove and replace existing sanitary sewer service lateral	ea	5	\$3,000.00	\$15,000.00
2.8	Rehabilitate storm and sanitary connection to ex. manhole	ea	4	\$1,000.00	\$4,000.00
2.9	Temporary bypass pumping for sanitary sewer	week	1	\$5,000.00	\$5,000.00
2.10	Install MMCD C5 curb and gutter	l.m.	110	\$80.00	\$8,800.00
2.11	Install 100 mm concrete sidewalk	m ²	900	\$75.00	\$67,500.00
2.12	Reshape existing subgrade	m ²	500	\$2.00	\$1,000.00
2.13	300 mm select granular subbase	m ²	500	\$30.00	\$15,000.00
2.14	100 mm 19 mm minus base course	m ²	500	\$10.00	\$5,000.00
2.15	90 mm lower course #1 Asphalt	m ²	500	\$25.00	\$12,500.00
2.16	50 mm upper course #1 asphalt	m ²	500	\$15.00	\$7,500.00
2.17	50 mm mill and asphalt overlay	m ²	1200	\$20.00	\$24,000.00
2.18	Line painting	LS	1	\$750.00	\$750.00
2.19	Install planter poles	ea	4	\$2,000.00	\$8,000.00
2.20	Remove existing street tree	ea	10	\$1,000.00	\$10,000.00

SUBTOTAL FOR JOHNSTON ROAD, RUSSELL AVENUE TO NORTH BLUFF ROAD, WEST SIDE

\$324,550.00

CLIENT : City of White Rock

PROJECT : Johnston Road Conceptual Design and Sidewalk Replacement

PROJECT NO : 20132577

DATE: April 25,2014



Associated
Engineering

GLOBAL PERSPECTIVE.
LOCAL FOCUS.

CONCEPTUAL COST ESTIMATE

ITEM #	DESCRIPTION	UNIT OF MEASURE	QUANTITY	UNIT PRICE	AMOUNT
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3 JOHNSTON ROAD, THIRIFT AVENUE TO RUSSELL AVENUE, EAST SIDE

3.1	Traffic Control	day	15	\$800.00	\$12,000.00
3.2	Common excavation	m ³	1000	\$35.00	\$35,000.00
3.3	Remove ex. 250 mm storm sewer and install 300 mm storm sewer	l.m.	120	\$350.00	\$42,000.00
3.4	Remove ex. 200 mm sanitary sewer and install 200 mm sanitary sewer	l.m.	110	\$300.00	\$33,000.00
3.5	Remove and replace existing storm sewer service lateral	ea	6	\$3,000.00	\$18,000.00
3.6	Remove and replace existing sanitary sewer service lateral	ea	6	\$3,000.00	\$18,000.00
3.7	Rehabilitate connection to ex. manhole	ea	4	\$1,000.00	\$4,000.00
3.8	Temporary bypass pumping for sanitary sewer	week	1	\$5,000.00	\$5,000.00
3.9	Install MMCD C5 curb and gutter	l.m.	150	\$80.00	\$12,000.00
3.10	Install 100 mm concrete sidewalk	m ²	500	\$75.00	\$37,500.00
3.11	Reshape existing subgrade	m ²	900	\$2.00	\$1,800.00
3.12	300 mm select granular subbase	m ²	900	\$30.00	\$27,000.00
3.13	100 mm 19 mm minus base course	m ²	900	\$10.00	\$9,000.00
3.14	90 mm lower course #1 Asphalt	m ²	900	\$25.00	\$22,500.00
3.15	50 mm upper course #1 asphalt	m ²	900	\$15.00	\$13,500.00
3.16	50 mm mill and asphalt overlay	m ²	200	\$20.00	\$4,000.00
3.17	Install pedestrian safety fence	l.m.	100	\$50.00	\$5,000.00
3.18	Line painting	LS	1	\$500.00	\$500.00
3.19	Install planter poles	ea	4	\$2,000.00	\$8,000.00
3.20	Install double davit streetlights in median (incl. conduit and junction boxes)	ea	2	\$6,000.00	\$12,000.00
3.21	Remove existing street tree	ea	4	\$1,000.00	\$4,000.00

SUBTOTAL JOHNSTON ROAD, THIRIFT AVENUE TO RUSSELL AVENUE, EAST SIDE \$323,800.00

TOTAL	\$907,700.00
MISCELLANEOUS ITEMS (20%)	\$182,000.00
CONTINGENCY (20%)	\$218,000.00
TOTAL (EXCLUDING GST)	\$1,308,000.00

Notes: 1. We have assumed that all street trees in the project area will be removed and will not be replaced, with the exception of the existing tree at the southeast corner of Johnston Road and Russell Avenue.