



File No.: 04-1000-20-2017-439

November 28, 2017

s.22(1)

Dear s.22(1)

Re: Request for Access to Records under the Freedom of Information and Protection of Privacy Act (the "Act")

I am responding to your request of November 7, 2017 for:

Project status report submitted after September 28, 2017 regarding the Burrard Bridge and Pacific Street Intersection Upgrade Project which should show the following: financial status, approved amendments, dollar amounts for submitted invoices to date and payment of invoices to date, a description of contract changes, task descriptions, value and status, schedule, design, construction, production, installation, operations and maintenance, and opportunities, risks and challenges for all aspects of the project.

All responsive records are attached. Some information in the records has been severed, (blacked out), under s.17(1) of the Act. You can read or download this section here: http://www.bclaws.ca/EPLibraries/bclaws_new/document/ID/freeside/96165_00

Under section 52 of the Act you may ask the Information & Privacy Commissioner to review any matter related to the City's response to your request. The Act allows you 30 business days from the date you receive this notice to request a review by writing to: Office of the Information & Privacy Commissioner, info@oipc.bc.ca or by phoning 250-387-5629.

If you request a review, please provide the Commissioner's office with: 1) the request number assigned to your request (#04-1000-20-2017-439); 2) a copy of this letter; 3) a copy of your original request for information sent to the City of Vancouver; and 4) detailed reasons or grounds on which you are seeking the review.

Please do not hesitate to contact the Freedom of Information Office at <u>foi@vancouver.ca</u> if you have any questions.

Yours truly,

Barbara J. Van Fraassen, BA Director, Access to Information & Privacy

Barbara.vanfraassen@vancouver.ca 453 W. 12th Avenue Vancouver BC V5Y 1V4 Phone: 604 .873.7999 Fax: 604.873.7419

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PROJECT STATUS REPORT

| Project | Burrard Bridge North Project | Project Number | 13-1000-10/00000009 | Report Date (DD-MMM) | 17-Oct-2017 |
|-------------|------------------------------|-----------------|---------------------|----------------------|-----------------------------|
| M | David Currie | Branch/Division | Multi-Branch | Reporting Period | Sep 1, 2017 to Sep 30, 2017 |
| Reported By | David Currie | Project Sponsor | Steering Committee | ifecycle Phase | Implementation |

PROJECT OVERVIEW

The project will rehabilitate the existing bridge and improve safety at the Burrard & Pacific intersection. The project includes the Burrard Bridge, Burrard Street from the bridge to Drake street, and Pacific Street from Thurlow to Howe The project is being closely coordinated with utility and roadworks on Burrard from Comwall to 17th Ave. Oraham will complete the specialized bridge rehabilitation and north end widening works. COV Forces will perform the sewer, water, and roadworks construction. Specialized trenchless sewer work has been completed by a Contractor (Cusano)

| OVERALL STATUS | LAST REPORTING PERIOD | CURRENT REPORTING PERIOD | NOTES |
|-------------------|-----------------------------|--------------------------------|---|
| Scope | Low | Low | Pacific/Burrard (City): - Scope is well defined Graham (Bridge): - The scope/quantity of "unknown" concrete repairs is now bounded, T&M costs to be finalized by end of October |
| Schedule | Low | Low | Pacific/Burrard (City): - Streets Operations completed top lift paving on Pacific from Burrard to Hornby - Streets Operations has scheduled remainder of Pacific (Burrard to Hornby) works to be completed by the end of October - Streets Operations working to complete the top lift paving on Pacific between Hornby and Howe by the end of November - BC Hydro H-Frame removal on Pacific between Hornby and Howe will occur after City completes electrical works (Oct, Nov) Graham (Bridge): - Bridge work is tracking to meet the opening date of October 21, 2017 |
| Budget | Moderate | Low | Pacific/Burrard (City) and Graham (Bridge): - Projected costs appear to be within the Council approved budget of \$35.73M The excess funding in the "CBs" has been reallocated to the Streets Construction and Kettle of Fish line items - A portion of the funding for "Landscaping" has been reallocated to the Streets Construction line item (includes about \$200k landscaping support works) - The additional costs for Streets Construction (paving etc) have been addressed by the above funding transfer - Committee has recommended that any Council request for funding await the Q4 2017 update - The budget risk related to additional (unknown) bridge repairs is now bounded |

KEY ISSUES TO ESCALATE FOR AWARENESS OR DECISION

Media Event - October 21 2017

Corporate Communications is preparing documentation for the media event at 230 pm on Saturday October 21, 2017

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|-----|-----|------|----------|------|-----|
| | | | | | |

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|-------|--|
| 99.W | The site preparation has been completed Additional funding has been allocated to this line item |
| | Scope/cost of additional bridge repairs |
| | There is now a low risk that the additional bridge repair costs will significantly exceed the contingency allocated to this scope of work |
| OW | - Staff have included a risk allowance for potential Graham claims regarding the unit rate applicable to overhead shotcrete repairs, and for the MV forcemain strike |
| | - AE and PM will finalize the cost of several other minor repairs to the bridge by the end of October |

Operations Resource Impact on schedule

- _There is now a low risk that the STEOB resources will delay the completion of the road works beyond the approved schedule (Dec 31, 2017)

 The projected competion of the majority of the road works is now the end of November 2017
- There will be minor works remaining after November 30 2017

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Graham has provided a temporary power solution to feed the new pedestrian lights, and Brazier lights s.17(1)

Moderate

Moderate

PUBLIC AND STAKEHOLDER UPDATES/ISSUES

Night Time Works

- There will be ongoing need for night works for various tasks (top lift paving , line painting etc.).

PD staff continue to hand deliver notices regarding high impact works.
 Corporate Comms continue to issue E-Blasts and update the WEB page regarding high impact works.

HEALTH & SAFETY, QUALITY AND ENVIRONMENT UPDATES/SSUES

Construction Safety Monitoring

- Construction safety monitoring

 No incidents involving Bridge Contractor in September 2017.

 No incidents involving City crews in September 2017.
- ISI is conducting periodic spot safety inspections of the City Operations crews.

- no NCR's issued in August.



| Project | Burrard Bridge North Project | Project Number | 13-1000-10/00000009 | Report Date (DD-MMM) | 17-Oct-2017 | | | | | |
|----------------------|---|---|--|--|---------------|--|--|--|--|--|
| PM | David Currie | Branch/Division | Multi-Branch | Multi-Branch Reporting Period Sep 1, 2017 to Sep 30, 2017 | | | | | | |
| PROGRESS | KEY ACTIVITIES THIS PERIOD | | KEY ACTIVITIES IN FOR | KEY ACTIVITIES IN FORTHCOMING PERIOD | | | | | | |
| PMF | <u>None</u> | | <u>None</u> | | | | | | | |
| DESIGN | <u>Transportation</u> - None <u>Electrical</u> - SED and AE revised several elements <u>3rd Party Utilities</u> - None Streets - Davies Geotechnical revised lock block | | 3rd Party Utilities - No | Electrical - AE to revise IFC's based on additional comments from Electrical design 3rd Party Utilities - None | | | | | | |
| CITY CONSTRUCTION | Sewer - Sewers completed CB's and LB in 900 Blowater - Water Operations relocated fire hydrant Electrical - Installed Street Lighting and Traffis si 3rd Party Utilities - BC Hydro removed guy wires in the lane south on - BC Hydro raised service box in the lane south of | ck Pacific on SWC of Pacific/Howe gnals in 1200 Burrard, 900 Paci f 900 Pacific 800 Pacific ne 900 block Pacific | Sewer - Sewers to insta Water - None Electrical - Continue w 3rd Party Utilities - No Streets - civil-electrical works of electrical works at but a concrete, civil-electri | <u>Sewer</u> - Sewers to install CB's and LB in 800 Block Pacific <u>Water</u> - None <u>Electrical</u> - Continue with SL and TS works <u>3rd Party Utilities</u> - None | | | | | | |
| BRIDGE CONTRACTOR | Graham (Bridge contractor) commissioned the pedestrian lighting completed the means prevention fence completed the gravity barrier installation on the continued with electrical upgrades continued with brazier power/comm upgrades completed bicycle friendly expansion joint cove partially opened the NB bike lane (south half of installed 2 crisis phones on east side, relocated | rs Bridge) | - replace several sectio - continue to pull elect - complete Brazier Ligh - install strete light bac - complete substantial | nemes for PSLs and flood lights as of means prevention fence rical supply cable, etc to power and supply kshields at north end of bridge completion repairs ded civil works for new power supp ffic controls on bridge | oly to bridge | | | | | |

| | | Approve | | Actual | Fore | cast | | |
|---------------------------------------|-----------|------------|----------|----------|------------|------------|----------|--|
| SCHEDULE | Start | Complete | Changes | Progress | Progress % | Complete | Variance | NOTES |
| PMF | | | | | | | | |
| Closeout Stage Gate 12/15/2017 | | 0 | N/A | N/A | 12/15/2017 | 0 | | |
| Design | | | | | | | | |
| Electrical IFC - Pacific Street | NA | NA | Numerous | 100% | 95% | 5/30/2017 | | Operations is working off redlines prepared by Electrical Design staff |
| City Construction | | | | | | | | |
| Break Ground | 2/15/ | 2016 | N/A | N/A | N/A | 1/3/2016 | N/A | Water Operations mobilized for Burrard watermain Mar 1 2016 |
| Sewer - trenchless contractor | 2/15/2016 | 7/15/2016 | N/A | 100 0% | 100 0% | 11/17/2016 | 120 days | Cusano works completed as of Nov 17, 2016 |
| Sewer - COV Forces (Pacific to Drake) | 2/15/2016 | 9/15/2016 | N/A | NA | NA | N/A | N/A | Project deferred to next paving cycle |
| Streets - west side complete | 2/15/2016 | 9/27/2016 | N/A | 100 0% | 100 0% | 2/17/2017 | 110 days | Complete, paving completed over Labour Day Weekend |
| Streets - east side complete | 9/28/2016 | 4/28/2017 | N/A | 60 0% | 60 0% | 11/30/2017 | 212 days | 900 Pacific block 90% complete, Burrard east side 100% complete |
| Substantial Completion | 12/31/ | 2017 | 0 | N/A | 71% | 11/30/2017 | 30 days | Scheduled project completion is 1 month earlier than Project Charter |
| Bridge Construction | | | | | | | | |
| Break Ground | 2/15/ | 2016 | N/A | N/A | N/A | 4/15/2016 | N/A | Graham mobilized for below deck works |
| Bridge - complete west side | 2/15/2016 | 2/17/2017 | 56 days | 100 0% | 100 0% | 2/17/2017 | 0 days | Steel fence Punchlist items ongoing |
| Bridge - complete east side | 2/18/2017 | 10/21/2017 | 38 days | 97 0% | 97 0% | 10/21/2017 | 0 days | Tracking to meet revised bridge re-opening of October 21, 2017 |
| Substantial Completion | 10/6/ | 2017 | N/A | 100 0% | 100 0% | 10/6/2017 | 0 days | Completed as of October 4th 2017 |
| Other | | | | | | | | |
| NA | | | | | | | | |



| Project Bur | Burrard Bridge North Project David Currie | | | t Number I/Division | | | 0/00000009 Branch | 009 Report Date (DD-MMM) 17-Oct-2017 Reporting Period Sep 1, 2017 to Sep 30, 20 | | | | |
|--|--|--|-------------------|------------------------|---------------------------|-------------------------|----------------------|---|---|--|------------|-----------|
| INANCIALS | | | | | | | | | | | | |
| 245 15 11 15 | | Baseline and Co | mmitments | | ļ., | For | ecast | | ž. | Actual | - 3 | |
| Funding Program / CBS description | Estimate | oproved Budget Contingency | Total | Approved Changes | Estimate at Completion | Required Contingency | Total | Variance (\$) | Project % complete (act!\$ / forecast\$) | This Period | Total | |
| EB-00029 BURRARD BRIDGE N | | S. 140 (17 (17 (17 (17 (17 (17 (17 (17 (17 (17 | HOLENI. | | 975 | ~ ~ | | | | _ | | |
| OPERTY ACQUISITIONS, PERMITS, | FE 30,000 | s.17(1) | | | | | | | | 0 | 20,510 | |
| UDIES AND CONSULTING SERVICES | | The second second | | | | | | | | 47,203 | 2,810,302 | |
| TERNAL PROJECT STAFFING | 1,141,745 | | | | | | | | | 21,898 | 934,183 | |
| ital Soft Costs | 4,676,273 | | | | | | | | | 69,101 | 3,764,995 | |
| INSTRUCTION, EQUIPMENT, MATER | | | | | | | | | | | | |
| idge Contractor | | s.17(1) | | | | | | | | 634,522 | 19,067,388 | |
| her Bridge works | 495,000 | | | | | | | | | 52 | 219,628 | |
| adworks | 9,677,652 | | | | | | | | | 655,228 | 7,273,492 | |
| Electrical | s.17(1) | | | | | | | | | 055,220 | 7,273,472 | |
| Streets Work | 5.17(1) | | | | | | | | | | | |
| | | | | | | | | | | | | |
| Traffic Marking/Signing, CMS Hydrant Relocations | | | | | | | | | | | | |
| Catch Basin Installation | | | | | | | | | | | | |
| Landscaping | | | | | | | | | | | | |
| Asbestos Asphalt Removal | | | | | | | | | | | | |
| Retaining Wall- 1390 Thurlow | | | | | | | | | | | | |
| her third Party Works | 636,773 | s.17(1) | | | | | | | | 83,736 | 443,804 | |
| tal Hard Costs | 30,107,642 | -11.// | | | | | | | | 1,373,538 | 27,004,312 | |
| IRRARD BRG NORTH FUNDING TO | 11 11 11 1 | s.17(1) | | | 34 809 993 | s.17(1) | | | | 1,442,639 | 30,769,307 | |
| EL-00017 - Brazier Light Re | | 5.11(1) | | | 59746967406 | 3. II(I) | | | | MARINE | SHARMAN | |
| and the same of th | | - 47/4) | | | 700000 | - 47/4 | | | | | 52/4365 | |
| Soft Cost | | s.17(1) | | | | s.17(1) | | | 69% | 0 | 24,096 | |
| Hard Cost | 465,000 | | | | 469,892 | - cy | | - Construction | 43% | 111,649 | 203,704 | |
| AZIER LT REF. TOTAL | 500,000 | | | ŧ | 504,892 | 0 | 504,892 | (4,892) | 45% | 111,649 | 227,800 | |
| EB-00028 - Bridge cleaning | | - | | | | | | | | | | |
| Soft Cost | 0 | s.17(1) | | | 0 | s.17(1) | | | 0% | 0 | 0 | |
| Hard Cost | 310,200 | 3.5 | | | 310,858 | | | | 90% | 0 | 279,916 | |
| RIDGE CLEANING TOTAL | 310,200 | | | | 310,858 | a | 310,850 | (658) | 90% | 0 | 279,916 | |
| ER-00181-17-CC-01 - Addit | onal Sidewa k Rep | olacement | | | | | | | | | | |
| Soft Cost | 0 | s.17(1) | | | 0 | s.17(1) | | | 0% | 0 | 0 | |
| Hard Cost | 95,000 | 5.11(1) | | | 92,055 | 2.11(1) | | | 100% | 0 | 92,055 | |
| DD SW REPL. TOTAL | 95,000 | | | | 92,055 | r. | | | 100% | | 92,055 | |
| ROJECT MAN. TOTAL | 35,860,936 | | | | 35,889,621 | | | | 0% | 1,640,199 | 31,540,900 | |
| | | UDI V | | 7 | 35,007,021 | | | | | 1,010,173 | 37,310,300 | |
| EB-00028-17-DD BURRARD | and the second s | | | | | | | | | | | |
| Soft Cost | 0 | s.17(1) | | | 0 | s.17(1) | | | 0% | 0 | 0 | |
| Hard Cost | 171,822 | | | | 171,822 | | | | 100% | 85,911 | 171,822 | |
| BIKE FRIENDLY TOTAL | 171,822 | | | | 171,822 | | | | 100% | 85,911 | 171,822 | |
| | | | KPI's | | | | | Asatla | st Report | This P | - | |
| | | - 3 | MARIA. | weeks. | | | model and the same | 100000000000000000000000000000000000000 | | 7500005 | Variance | Total to |
| Category | | | . Contract | Metric | _ | | Period Target | Actual | Variance | Actual | 40.00 | |
| Public Impact | | 311 & other cal | is- stats as of A | August 2017 | | | MA | 28 | NA | 24 | NA | 378 |
| | | Emails and web | enquiries- sta | ts as of August 201 | 7 | | NA | 23 | NA | 19 | NA | 276 |
| 227742227375525754 | | Bridge (Grahan | and sub-contr | ractor) injury incid | lents | | 0 | 0 | 0 | 0 | 0 | 16 |
| Health and Safe | ry | City Operation | Crews inciden | nts | | | 0 | 0 | 0 | 0 | 0 | 1 |
| | | Construction D | uration @Chart | er/Forecast | | | 1.00 | 0.90 | 0 10 | 0.90 | 0 10 | 0 90 |
| Schedule | | | | | ata/Fara | | | | | | | |
| | | | | mentation Stage C | nace / For ecost | | 1.00 | 1.00 | 0 00 | 1.00 | 0 00 | 1 00 |
| Budget | | Budget @Chart | er/Forecast | | | | 1.00 | 0.84 | 0 16 | 0.84 | 0 16 | NA |
| *********** | | Budget @Imple | mentation Stag | ge Gate/Forecast | | | 1.00 | 0.98 | 0 02 | 0.98 | 0 02 | NA |
| tes; | | | | | | | | | | | | |
| CHANGE ORDERS | Total To | Date | This | Period | As at La | st Report | | | NC | OTES | | |
| NAME OF TAXABLE PARTY. | Cost | Schedule | Cost | Schedule | Cost | Schedule | | | | | | |
| 10 | s.17(1) | | | | | | | | | | | |
| hers | | | | | | | | | | najority of works I date of Decembe | | 2017, one |
| ntemplated/Under Review | | | | | | | anced of | | | assemble | N 1087785 | |
| Tot | al | | | | | | | | | | | |
| Text | | | | | | | | | | | | |



Project

Burrard Bridge North Project
David Currie

Project Number

13-1000-10/00000009 Multi-Branch Report Date (DD-MMA

17-Oct-2017 Sep 1, 2017 to Sep 30, 2017

PROGRESS PHOTO

Burrard & Pacific Intersection Works





Burrard Bridge Works











