

File No.: 04-1000-20-2024-432

August 21, 2024

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 July 15, 2024 under the *Freedom of Information and Protection of Privacy Act* for:

Record of the most recent maintenance and repair of the Eco-Counter bicycle counter and clock near the south end of the Burrard Bridge and the work order to cover up the Eco-Counter. Date range: July 1, 2024 to July 14, 2024.

All responsive records are attached. Some information in the records has been severed (blacked out) under s.15(1)(l) and s.22(1) of the Act. You can read or download these sections here: http://www.bclaws.ca/EPLibraries/bclaws_new/document/ID/freeside/96165_00.

Under section 52 of the Act, and within 30 business days of receipt of this letter, you may ask the Information & Privacy Commissioner to review any matter related to the City's response to your FOI request 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 (2024-432); 2) a copy of this letter; 3) a copy of your original request; and 4) detailed reasons why you are seeking the review.

Yours truly,

[Signed by Cobi Falconer]

Cobi Falconer, MAS, MLIS, CIPP/C
Director, Access to Information & Privacy

If you have any questions, please email us at foi@vancouver.ca and we will respond to you as soon as possible. You may also contact 3-1-1 (604-873-7000) if you require accommodation or do not have access to email.

Encl. (records package)

:ma

Date	Time	Date Time	Manual Count	Date Time Input	Automatic Count	Label	Manual Filter	Location
30-Jun-23	15:00	6/30/2023 15:00	43	30-06-2023 15:00:00	48	NB		Burrard at Cornwall - Eastside - Burrard Bridge
30-Jun-23	15:15	6/30/2023 15:15	49	30-06-2023 15:15:00	72	NB		Burrard at Cornwall - Eastside - Burrard Bridge
30-Jun-23	15:30	6/30/2023 15:30	46	30-06-2023 15:30:00	62	NB		Burrard at Cornwall - Eastside - Burrard Bridge
30-Jun-23	15:45	6/30/2023 15:45	54	30-06-2023 15:45:00	70	NB		Burrard at Cornwall - Eastside - Burrard Bridge
30-Jun-23	16:00	6/30/2023 16:00	68	30-06-2023 16:00:00	46	NB		Burrard at Cornwall - Eastside - Burrard Bridge
30-Jun-23	16:15	6/30/2023 16:15	59	30-06-2023 16:15:00	46	NB		Burrard at Cornwall - Eastside - Burrard Bridge
30-Jun-23	16:30	6/30/2023 16:30	63	30-06-2023 16:30:00	56	NB		Burrard at Cornwall - Eastside - Burrard Bridge
30-Jun-23	16:45	6/30/2023 16:45	82	30-06-2023 16:45:00	62	NB		Burrard at Cornwall - Eastside - Burrard Bridge
30-Jun-23	17:00	6/30/2023 17:00	72	30-06-2023 17:00:00	58	NB		Burrard at Cornwall - Eastside - Burrard Bridge
30-Jun-23	17:15	6/30/2023 17:15	61	30-06-2023 17:15:00	49	NB		Burrard at Cornwall - Eastside - Burrard Bridge
30-Jun-23	17:30	6/30/2023 17:30	55	30-06-2023 17:30:00	71	NB		Burrard at Cornwall - Eastside - Burrard Bridge
30-Jun-23	17:45	6/30/2023 17:45	49	30-06-2023 17:45:00	63	NB		Burrard at Cornwall - Eastside - Burrard Bridge
30-Jun-23	18:00	6/30/2023 18:00	62	30-06-2023 18:00:00	64	NB		Burrard at Cornwall - Eastside - Burrard Bridge
30-Jun-23	18:15	6/30/2023 18:15	63	30-06-2023 18:15:00	64	NB		Burrard at Cornwall - Eastside - Burrard Bridge
30-Jun-23	18:30	6/30/2023 18:30	45	30-06-2023 18:30:00	49	NB		Burrard at Cornwall - Eastside - Burrard Bridge
30-Jun-23	18:45	6/30/2023 18:45	48	30-06-2023 18:45:00	61	NB		Burrard at Cornwall - Eastside - Burrard Bridge
30-Jun-23	15:00	6/30/2023 15:00	60	30-06-2023 15:00:00	57	SB		Burrard at Cornwall - Westside - Burrard Bridge
30-Jun-23	15:15	6/30/2023 15:15	65	30-06-2023 15:15:00	51	SB		Burrard at Cornwall - Westside - Burrard Bridge
30-Jun-23	15:30	6/30/2023 15:30	64	30-06-2023 15:30:00	58	SB		Burrard at Cornwall - Westside - Burrard Bridge
30-Jun-23	15:45	6/30/2023 15:45	69	30-06-2023 15:45:00	66	SB		Burrard at Cornwall - Westside - Burrard Bridge
30-Jun-23	16:00	6/30/2023 16:00	66	30-06-2023 16:00:00	65	SB		Burrard at Cornwall - Westside - Burrard Bridge
30-Jun-23	16:15	6/30/2023 16:15	67	30-06-2023 16:15:00	62	SB		Burrard at Cornwall - Westside - Burrard Bridge
30-Jun-23	16:30	6/30/2023 16:30	79	30-06-2023 16:30:00	74	SB		Burrard at Cornwall - Westside - Burrard Bridge
30-Jun-23	16:45	6/30/2023 16:45	70	30-06-2023 16:45:00	69	SB		Burrard at Cornwall - Westside - Burrard Bridge
30-Jun-23	17:00	6/30/2023 17:00	101	30-06-2023 17:00:00	86	SB		Burrard at Cornwall - Westside - Burrard Bridge
30-Jun-23	17:15	6/30/2023 17:15	92	30-06-2023 17:15:00	86	SB		Burrard at Cornwall - Westside - Burrard Bridge
30-Jun-23	17:30	6/30/2023 17:30	81	30-06-2023 17:30:00	81	SB		Burrard at Cornwall - Westside - Burrard Bridge
30-Jun-23	17:45	6/30/2023 17:45	72	30-06-2023 17:45:00	74	SB		Burrard at Cornwall - Westside - Burrard Bridge
30-Jun-23	18:00	6/30/2023 18:00	58	30-06-2023 18:00:00	61	SB		Burrard at Cornwall - Westside - Burrard Bridge
30-Jun-23	18:15	6/30/2023 18:15	64	30-06-2023 18:15:00	59	SB		Burrard at Cornwall - Westside - Burrard Bridge
30-Jun-23	18:30	6/30/2023 18:30	68	30-06-2023 18:30:00	71	SB		Burrard at Cornwall - Westside - Burrard Bridge
30-Jun-23	18:45	6/30/2023 18:45	55	30-06-2023 18:45:00	61	SB		Burrard at Cornwall - Westside - Burrard Bridge
11-Aug-23	15:07	8/11/2023 15:07	59	Fri 11 Aug 2023 15:07	49	NB		Burrard at Cornwall - Eastside - Burrard Bridge
11-Aug-23	15:21	8/11/2023 15:21	61	Fri 11 Aug 2023 15:21	61	NB		Burrard at Cornwall - Eastside - Burrard Bridge
11-Aug-23	15:36	8/11/2023 15:36	71	Fri 11 Aug 2023 15:36	61	NB		Burrard at Cornwall - Eastside - Burrard Bridge
11-Aug-23	15:50	8/11/2023 15:50	76	Fri 11 Aug 2023 15:50	75	NB		Burrard at Cornwall - Eastside - Burrard Bridge
11-Aug-23	16:04	8/11/2023 16:04	79	Fri 11 Aug 2023 16:04	62	NB		Burrard at Cornwall - Eastside - Burrard Bridge
11-Aug-23	16:19	8/11/2023 16:19	74	Fri 11 Aug 2023 16:19	73	NB		Burrard at Cornwall - Eastside - Burrard Bridge
11-Aug-23	16:33	8/11/2023 16:33	69	Fri 11 Aug 2023 16:33	65	NB		Burrard at Cornwall - Eastside - Burrard Bridge
11-Aug-23	16:48	8/11/2023 16:48	42	Fri 11 Aug 2023 16:48	43	NB		Burrard at Cornwall - Eastside - Burrard Bridge
11-Aug-23	17:02	8/11/2023 17:02	74	Fri 11 Aug 2023 17:02	69	NB		Burrard at Cornwall - Eastside - Burrard Bridge
11-Aug-23	17:16	8/11/2023 17:16	49	Fri 11 Aug 2023 17:16	45	NB		Burrard at Cornwall - Eastside - Burrard Bridge
11-Aug-23	17:31	8/11/2023 17:31	80	Fri 11 Aug 2023 17:31	72	NB		Burrard at Cornwall - Eastside - Burrard Bridge
11-Aug-23	17:45	8/11/2023 17:45	74	Fri 11 Aug 2023 17:45	71	NB		Burrard at Cornwall - Eastside - Burrard Bridge
11-Aug-23	18:00	8/11/2023 18:00	57	Fri 11 Aug 2023 18:00	52	NB		Burrard at Cornwall - Eastside - Burrard Bridge
11-Aug-23	18:14	8/11/2023 18:14	70	Fri 11 Aug 2023 18:14	54	NB		Burrard at Cornwall - Eastside - Burrard Bridge
11-Aug-23	18:28	8/11/2023 18:28	69	Fri 11 Aug 2023 18:28	65	NB		Burrard at Cornwall - Eastside - Burrard Bridge
11-Aug-23	18:43	8/11/2023 18:43	58	Fri 11 Aug 2023 18:43	50	NB		Burrard at Cornwall - Eastside - Burrard Bridge

Counter Type	Mode	Owner	Traffic Cam?	Type of Entry	Status	Date	Counter Name	Correction Factor	Percent Passing (20%)	Percent Passing (10%)	%RMSE	Sample Size	Average Volume	Notes
Eco Loop	Bike	CoV	Yes	Validation	Not Functioning	45107	Burrard at Cornwall - Eastside - Burrard Bridge	0.982285208	0.5625	0.40625	0.68302656	32	35	in ground box lid is damaged. one bolt cannot be removed
Eco Loop	Bike	CoV	Yes	Validation	Functioning Well	45149	Burrard at Cornwall - Eastside - Burrard Bridge	1.098241986	1	0.8125	0.92042091	16	66	
Eco Loop	Bike	CoV	Yes	Validation	Functioning Well	45107	Burrard at Cornwall - Westside - Burrard Bridge	1.040618102	1	0.90625	0.93554719	32	74	



SIGN SHOP ORDER REQUEST FORM

701 National Avenue
 Vancouver, BC V6A 4L3
 Phone: 604-871-6783
 Email: [s.15\(1\)\(l\)@vancouver.ca](mailto:s.15(1)(l)@vancouver.ca)

FOR OFFICE USE ONLY *

WORK ORDER # _____

DATE: _____

CUSTOMER NAME	CONTACT #	DEPARTMENT	REQUEST DATE	DUE DATE
Brian Kennett	604-871-6672	Electrical	Feb 01, 2024	

QUANTITY	DESCRIPTION	ALUM / ALUPANEL / DECAL / COROPLAST 4,6,10 MM	NETWORK NUMBER / COST CENTRE
1	Totem Bike Counter – Site inspection		CER1702917
	(Wrap of both sides)		

ADDITIONAL COMMENTS

Location: Burrard & Cornwall

NOTE: Please provide the Sign Shop two week notice for job requests.
 Any request shorter may require overtime during the busy months (Apr to Aug).

SIGN SHOP WORK COMPLETED BY	COMPLETION DATE

THANK YOU FOR YOUR BUSINESS!

TEOD Work Slip

SAP Network #	Address	Burrard & Cornwall - ONAT_STREET: 630120				Lane
CER1702917		BURRARD ST at CORNWALL AV				
Work Order #	WO Short Description				Reason	
1795382	T_EL Burrard & Cornwall					
Activity Type		Sub Activity Type		Problem	Priority	
Street Signal Planned		T_Project			[] Emergency [] High	
<u>SAFETY WARNING:</u>						
Group Project	Ref #1	CER1702917 Standing Network #			Responsibility	Parent SAP Network #
	Ref #2	C19-1073 Department File			TS	
Service Request #	Incident Date	311 Case #	Contact Name			Contact #
Asset Category		Asset ID	Status	Asset Area	Sub Area	District
FA		1243908	IN_SERVICE			
Temporary Operation						
Audible	APS	Signal Type		Preemption		UPS
N	N	FA				Y
WO Created Date		Schedule Start		Last Completed WO Activity	Last Completed WO Desc	
Mar 14, 2024				Cable & Communications	T_TC UG Cable	
JOB DETAILS						

TEOD Work Slip

Project:- Minor Traffic Signal Modifications ---Burrard & Cornwall - C19-1073-
Requested by TDM E. Bonderud via A. Pulgar

Eco-Totem malfunctiong.
 Repacement being sourced, no eta.

Traffic Signal - Field:

1. Turn off breaker for Eco-Totem at kiosk located at the NWC of Chestnut & Cornwall.
2. Label breaker with ""Leave off until furher notice"".
3. Inform A. Pulgar once breaker is turned off.

Note: Sign shop will wrap/cover Eco-Totem until further instruction from TDM.

Problem Found/Action Taken-(Mar 18/24 [0830-0930] Fan & Johansson B1726) Turn off broken and tagged. Check - totem and make sure is off.--**Complete**

Asset Comments: . former asset #1788 before changes to intersection location

Assigned By	Assigned Date	Assigned Time	Arrival Date	Arrival Time
BRAD NILSSON			2024/03/18	08:30

PROBLEM FOUND

WORK COMPLETED

TEOD Work Slip

Signs		Piers		Sleeves		Posts	
Functional Test		TCP/LCT		Stray Voltage Check			

OTHER WORK REQUIRED

ADDITIONAL COMMENTS

Completed Date	Completed Time	Crew Member Name	Crew Member Name	Crew Member Name
Mar 18, 2024	09:30			

Print Name	Signature	Truck #

From: ["Kennett, Brian" <Brian.Kennett@vancouver.ca>](mailto:Brian.Kennett@vancouver.ca)
To: ["Bonderud, Erik" <Erik.Bonderud@vancouver.ca>](mailto:Erik.Bonderud@vancouver.ca)
CC: ["Pulgar, Armando" <Armando.Pulgar@vancouver.ca>](mailto:Armando.Pulgar@vancouver.ca)

Date: 3/18/2024 11:47:38 AM

Subject: FW: Removal of Burrard and Cornwall Bike Count Display

Attachments: Image 2024-03-18 at 11.12.18 AM.jpeg
Image 2024-03-18 at 11.12.20 AM.jpeg

Hi Erik,

Power is turned off and the Eco-Totem is wrapped as per attached.

Regards,

Brian
604-871-6672

From: Senior, Clint <clint.senior@vancouver.ca>
Sent: Monday, March 18, 2024 11:37 AM
To: Kennett, Brian <Brian.Kennett@vancouver.ca>; National Yards Sign Shop <s.15(1)(l)@vancouver.ca>
Cc: Pulgar, Armando <Armando.Pulgar@vancouver.ca>; Electrical Operations Project Processing <s.15(1)(l)@vancouver.ca>;
Traffic Operations <traffic.operations@vancouver.ca>; Sandhu, Bhapinder <Bhapinder.Sandhu@vancouver.ca>
Subject: RE: Removal of Burrard and Cornwall Bike Count Display

Hi Brian,

We've complete the install of the Bike counter decal.
Here's some pictures for you.

Cheers,

Clint Senior | Shop Foreperson
Engineering | Traffic | Sign Shop
701 National Ave | Vancouver
Email: clint.senior@vancouver.ca
(Cell: s.15(1)(l))

From: Kennett, Brian <Brian.Kennett@vancouver.ca>
Sent: Tuesday, March 12, 2024 8:21 AM
To: Senior, Clint <clint.senior@vancouver.ca>; National Yards Sign Shop <s.15(1)(l)@vancouver.ca>
Cc: Pulgar, Armando <Armando.Pulgar@vancouver.ca>; Electrical Operations Project Processing <s.15(1)(l)@vancouver.ca>;
Traffic Operations <traffic.operations@vancouver.ca>; Sandhu, Bhapinder <Bhapinder.Sandhu@vancouver.ca>
Subject: RE: Removal of Burrard and Cornwall Bike Count Display

Hi Clint,

Please proceed with #1 (leaves).
I will have the totem power turned off.
Please let me know once the wrap is complete.

Thanks,
Brian
604-871-6672

From: Senior, Clint <clint.senior@vancouver.ca>
Sent: Monday, March 11, 2024 9:44 AM
To: National Yards Sign Shop <[s.15\(1\)\(l\)@vancouver.ca](mailto:s.15(1)(l)@vancouver.ca)>; Kennett, Brian <Brian.Kennett@vancouver.ca>
Cc: Pulgar, Armando <Armando.Pulgar@vancouver.ca>; Electrical Operations Project Processing <[s.15\(1\)\(l\)@vancouver.ca](mailto:s.15(1)(l)@vancouver.ca)>;
Traffic Operations <traffic.operations@vancouver.ca>; Sandhu, Bhopinder <Bhopinder.Sandhu@vancouver.ca>
Subject: RE: Removal of Burrard and Cornwall Bike Count Display

Hi Brian,

Apologies for this taking some time to get to.

I have here some layouts Alex has put together. Have a look and let me know if you are happy with any of these.

Kind regards,

Clint Senior | Shop Foreperson
Engineering | Traffic | Sign Shop
701 National Ave | Vancouver
Email: clint.senior@vancouver.ca
(Cell: [s.15\(1\)\(l\)](tel:s.15(1)(l)))

From: National Yards Sign Shop
Sent: Thursday, February 1, 2024 1:57 PM
To: Kennett, Brian <Brian.Kennett@vancouver.ca>; National Yards Sign Shop <[s.15\(1\)\(l\)@vancouver.ca](mailto:s.15(1)(l)@vancouver.ca)>
Cc: Pulgar, Armando <Armando.Pulgar@vancouver.ca>; Electrical Operations Project Processing <[s.15\(1\)\(l\)@vancouver.ca](mailto:s.15(1)(l)@vancouver.ca)>;
Traffic Operations <traffic.operations@vancouver.ca>; Sandhu, Bhopinder <Bhopinder.Sandhu@vancouver.ca>
Subject: RE: Removal of Burrard and Cornwall Bike Count Display

Thanks Brian,

We'll go do an inspection and take measurements.
If it's possible to wrap, we'll go ahead and do up a design and send you a PDF for approval before we print.

Keep in mind, install day will be weather dependant.

Cheers,

Clint Senior | Shop Foreperson
Engineering | Traffic | Sign Shop
701 National Ave | Vancouver
Email: clint.senior@vancouver.ca
(Cell: [s.15\(1\)\(l\)](tel:s.15(1)(l)))

From: Kennett, Brian <Brian.Kennett@vancouver.ca>
Sent: Thursday, February 1, 2024 11:19 AM
To: National Yards Sign Shop <[s.15\(1\)\(l\)@vancouver.ca](mailto:s.15(1)(l)@vancouver.ca)>
Cc: Pulgar, Armando <Armando.Pulgar@vancouver.ca>; Electrical Operations Project Processing <[s.15\(1\)\(l\)@vancouver.ca](mailto:s.15(1)(l)@vancouver.ca)>
Subject: FW: Removal of Burrard and Cornwall Bike Count Display
City of Vancouver - FOI 2024-432 - Page 8 of 14

Hi Clint,

As discussed, please assess feasibility of covering both faces of the totem bike counter.
Please cost your time to CER1702917

Thanks,
Brian
604-871-6672

From: Kennett, Brian
Sent: Friday, January 26, 2024 10:36 AM
To: Bonderud, Erik <Erik.Bonderud@vancouver.ca>
Cc: Pulgar, Armando <Armando.Pulgar@vancouver.ca>
Subject: RE: Removal of Burrard and Cornwall Bike Count Display

Hi Erik,

We will proceed with the counter disconnect and panel wrap as discussed.
I will let you know once complete.

Thanks,
Brian
604-871-6672

From: Kennett, Brian
Sent: Thursday, January 25, 2024 11:58 AM
To: Bonderud, Erik <Erik.Bonderud@vancouver.ca>
Cc: Pulgar, Armando <Armando.Pulgar@vancouver.ca>
Subject: FW: Removal of Burrard and Cornwall Bike Count Display

Hi Erik,

To remove the counter will require the crane truck, significant Tmp that includes closure of the bike lane and Burrard Bridge vehicle lane.
Civil would also require the same closure a second time to break down the base.
Tmp development and implementation would be costly.
I have a different solution in mind, given the counter may be replaced.

Please call me when you get a chance to discuss.

Thanks,

Brian
o 604-871-6672
c s.15(1)(l)

From: Electrical Ops Scheduling Supervisor s.15(1)(l) <[s.15\(1\)\(l\)@Vancouver.ca](mailto:s.15(1)(l)@Vancouver.ca)>
Sent: Thursday, January 04, 2024 7:04 AM
To: Kennett, Brian <Brian.Kennett@vancouver.ca>
Subject: FW: Removal of Burrard and Cornwall Bike Count Display

From: Pulgar, Armando <Armando.Pulgar@vancouver.ca>

Sent: Wednesday, January 03, 2024 3:26 PM

To: Electrical Ops Scheduling Supervisor [s.15\(1\)@vancouver.ca](mailto:s.15(1)@vancouver.ca)

<@Vancouver.ca>

Subject: FW: Removal of Burrard and Cornwall Bike Count Display

Please process the WO to remove the bike counter display including the base breakdown. I'm thinking to just unhook, coil and tag the service wire inside the kiosk and tag the wire inside the JB adjacent to the bike counter display.



AP

From: Bonderud, Erik <Erik.Bonderud@vancouver.ca>

Sent: Wednesday, December 20, 2023 8:39 AM

To: Pulgar, Armando <Armando.Pulgar@vancouver.ca>

Subject: Re: Removal of Burrard and Cornwall Bike Count Display

I have the money to breakdown the base. It just that there's the possibility of replacing the display down the road. But if it's a safety risk to leave the base in the meantime then I'm fine with breaking it down.

And Paul wants the broken display removed so I can't just leave it all there until I'm ready to replace unfortunately

From: Pulgar, Armando <Armando.Pulgar@vancouver.ca>
Sent: Tuesday, December 19, 2023 16:22
To: Bonderud, Erik <Erik.Bonderud@vancouver.ca>
Subject: Re: Removal of Burrard and Cornwall Bike Count Display

Ok how about if we wait until you have money to breakdown the base? I'm just worried that once we put a safety cone on top of the base it will look ugly and someone might steal it, then it will become a safety hazard.

From: Bonderud, Erik <Erik.Bonderud@vancouver.ca>
Sent: Tuesday, December 19, 2023 1:26:42 PM
To: Pulgar, Armando <Armando.Pulgar@vancouver.ca>
Subject: Re: Removal of Burrard and Cornwall Bike Count Display

Hi Armando,

Yes, please bin/recycle the device itself. Can we leave the pad for now in case we replace the display down the road? I just don't have money this year/next

Thanks,
Erik

From: Pulgar, Armando <Armando.Pulgar@vancouver.ca>
Sent: Tuesday, December 19, 2023 11:15
To: Bonderud, Erik <Erik.Bonderud@vancouver.ca>
Subject: RE: Removal of Burrard and Cornwall Bike Count Display

Hi Erik,

Yes, we can remove it.

Few questions here:

1. Display board – to metal bin and recycle?
2. Concrete pad – break the pad down?

Regards,
AP

From: Bonderud, Erik <Erik.Bonderud@vancouver.ca>
Sent: Tuesday, December 19, 2023 10:40 AM
To: Pulgar, Armando <Armando.Pulgar@vancouver.ca>
Subject: Removal of Burrard and Cornwall Bike Count Display

Hi Armando,

I'm looking to get the bike count display board at Burrard and Cornwall removed as it no longer works and cannot be repaired. Is this something your team is able to do?



[Burrard St - Google Maps](#)

If so can you use network: CER1702917

Thanks,
Erik Bonderud, P.Eng | he / him

Transportation Engineer | Traffic & Data Management

Engineering Services | City of Vancouver

erik.bonderud@vancouver.ca



s.22(1)

s.22(1)

PLEASE KEEP OFF
NEWLY SEEDED

