

From: [Keating, Fiona](#)  
To: [Elford, Dan](#)  
Cc: [Hatton, Rommel](#); [Traffic Operations](#); [Koop, Donald](#)  
Subject: Alexander - Site Instruction 2 - Sign Plan Revision  
Date: Monday, July 16, 2018 10:59:00 AM  
Attachments: [ENG - TDE - 000 Block Alexander St Bikeway - Site Instruction Form 002 - 2014-87-E-SP-SI - 2018-07-16.tr5](#)  
[ENG - TDE - Site Instruction Drawing - Install Relocate Remove Signs 000 Block Alexander St Bikeway - 2014-87-E-SP-SI - 2018-07-16.tr5](#)

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Hi Dan,

Official site instruction and drawing for tonight's night crew.  
Please ensure the night crew gets this one.

Thanks,  
Fiona

From: [Keating, Fiona](#)  
To: [Gould, Brian](#)  
Cc: [Mital, Eric](#); [Storer, Paul](#); [Clary, Joel](#); [Lee, Joyce \(ENG\)](#); [Wong, Winnie](#); [Lewis, Toby](#)  
Subject: Alexander Bike Way - Drawings  
Date: Friday, April 20, 2018 10:28:00 AM  
Attachments: [ENG - SED - DC - Alexander Street - Gastown, Main Street, and Hawks Aven....pdf](#)

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Hi Brian,

We are nearing the deadline for the IFC drawing package:

1. Ph1 Hawks and Powell:
  - a. 3D design will be complete next week
    - i. The letdown relocation should be documented on a revised geometric drawing
  - b. Ph1 sewer design complete
  - c. Electrical said they are tracking for completion by mid next week
  - d. Sign Plan?
  - e. Paint Plan?
2. Main and Alexander:
  - a. 3D design is tracking for completion this week
  - b. Electrical said they are tracking for completion by mid next week
  - c. Sign Plan?
  - d. Paint Plan?
3. Columbia and Powell
  - a. Electrical said they are tracking for completion by mid next week
    - i. Lead time for the replacement pole is 2 months
  - b. Sign Plan?
  - c. Paint Plan?
4. Maple Tree Square
  - a. 2D design?
  - b. Sign Plan?
  - c. Paint Plan?

Up until yesterday, it was not mentioned that Columbia and Powell needs to be completed prior to Maple Tree Square. This is an issue if you need Maple Tree Square to be completed before the nice riding weather.

Even without procurement lead time, traffic signal work is time consuming and if a new base is needed, this will surely take months to complete.

From the email threads, Columbia wasn't even approved at the beginning of March and was never flagged for construction in our schedule.

I've drafted a schedule for the work which assumes some minor gaps/delays for Electrical and Civil crew coordination.

However, my experience so far (e.g. Marine/Marine), is that if this project is not prioritized, we're going to have significant delays on top of this estimated schedule.

I need IFC drawings to be able to do kick off pre-cons and Traffic Management assessments. Our surveyors/crews need paint and sign plans so we can cross reference where sleeves and crossings need to be located.

Please have the necessary conversations required to modify scope if the current timelines are not acceptable.

Thanks,

**Fiona Keating** P.Eng.  
*Project Manager*  
**City of Vancouver | Streets & Electrical Design**  
Tel: 604-326-4814 | Fax: 604-873-7212  
Email: [fiona.keating@vancouver.ca](mailto:fiona.keating@vancouver.ca)

From: [Keating, Fiona](#)  
To: [Borger, Ron](#)  
Cc: [Durnford, Jack](#)  
Subject: Alexander Bike Way - Notice of Project  
Date: Wednesday, May 30, 2018 11:56:00 AM  
Attachments: [ENG - SED - DC - Alexander Street - Gastown, Main Street, and Hawks Avenue - Notice of Project - 2018-05-30.tr5](#)

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For your records.

Fiona Keating P.Eng.  
Project Manager  
City of Vancouver | Streets & Electrical Design  
Tel: 604-326-4814 | Fax: 604-873-7212  
Email: [fiona.keating@vancouver.ca](mailto:fiona.keating@vancouver.ca)



From: [Keating, Fiona](#)  
To: [Larijani, Alipasha](#); [Wong, Winnie](#)  
Subject: Alexander Bike Way - Phased Sign Install  
Date: Thursday, May 31, 2018 1:44:00 PM

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Hi Alipasha and Winnie,

Just want to get your eyes on this before I send it to Traffic Ops.

s.15(1)(l)

It reflects my discussion with Alipasha earlier today. Let me know if I missed something. I'll deal with Maple Tree Square/Alexander Bike Way separately.

Thank you,

**Fiona Keating** P.Eng.  
*Project Manager*  
City of Vancouver | Streets & Electrical Design  
Tel: 604-326-4814 | Fax: 604-873-7212  
Email: [fiona.keating@vancouver.ca](mailto:fiona.keating@vancouver.ca)

From: [Keating, Fiona](#)  
To: [Larijani, Alipasha](#)  
Cc: [Wong, Winnie](#); [Lewis, Toby](#)  
Subject: Alexander Bike Way - Sign Plan Markups  
Date: Wednesday, May 30, 2018 2:07:00 PM  
Attachments: [ENG - SED - DC - Alexander Street - Gastown, Main Street, and Hawks Avenue - Alexander, Columbia to Powell - Sign and Paint Plan - FK Mark ups - ~ 30.tr5](#)

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Hi Alipasha,

I did a little site reconnaissance so we can hopefully tackle some things before we have to put the signs up.

I have photos for most of these too, so let me know if you need more clarification.

For our meeting tomorrow, I think we should identify some additional spots to put those “Traffic Pattern Change” signs due to it going up in stages, but we can pick them out when we chat!

Thanks,

**Fiona Keating** P.Eng.  
*Project Manager*  
City of Vancouver | Streets & Electrical Design  
Tel: 604-326-4814 | Fax: 604-873-7212  
Email: [fiona.keating@vancouver.ca](mailto:fiona.keating@vancouver.ca)

From: [Keating, Fiona](#)  
To: [Magnusson, Rachel](#)  
Cc: [Storer, Paul](#); [Wong, Winnie](#); [Larijani, Alipasha](#); [Liaw, Alex](#); [Kenny, Ross](#); [Gould, Brian](#)  
Subject: Alexander Bike Way Schedule Update  
Date: Tuesday, June 19, 2018 4:17:00 PM

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Hi Rachel,

We're working towards a night shift switch – July 16<sup>th</sup> Traffic Ops will start just before midnight and into the morning of July 17th to do the switch in direction of Alexander from Columbia to Maple Tree Square.

July 17th Street Maintenance will come in to start moving bollards. I've asked them to start working between Powell/Alexander and then move counterclockwise through the square to complete.

If there are any issues with this, please let me know ASAP. Probably best to send out another notification letter soon.

Thanks,

**Fiona Keating** P.Eng.  
*Project Manager*  
**City of Vancouver | Streets & Electrical Design**  
Tel: 604-326-4814 | Fax: 604-873-7212  
Email: [fiona.keating@vancouver.ca](mailto:fiona.keating@vancouver.ca)

From: [Keating, Fiona](#)  
To: [Elford, Dan](#); [Hatton, Rommel](#); [Biagini, Marco](#)  
Cc: [Lewis, Toby](#); [Eckland, Jeff](#)  
Subject: Alexander Bike Way Switch/Maple Tree Square Completion  
Date: Tuesday, June 19, 2018 4:24:00 PM

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Hi Dan, Rommel and Marco,

As per our discussions today the following schedule is what I've got. Let me know if we're good to go and I'll apply for a noise variance.

1. July 11 – Grand Prix
2. July 12 – Bollards replaced in their existing configuration
3. July 16 night shift into July 17 – Traffic Ops to switch Alexander Street from WB to EB. All signs on Alexander and Powell to accommodate.
4. July 17 – Maintenance to reconfigure bollards in the square
5. July 17 night – Traffic Ops to complete crosswalk, duradiscs and bike lane

We ok to work with this? I know we have a couple materials (duradiscs and MMA) outstanding for #5 to be installed. If #5 has to be postponed, should we hold off with #4 as well?

Thanks,

**Fiona Keating** P.Eng.  
*Project Manager*  
City of Vancouver | Streets & Electrical Design  
Tel: 604-326-4814 | Fax: 604-873-7212  
Email: [fiona.keating@vancouver.ca](mailto:fiona.keating@vancouver.ca)

From: [Wong, Andy](#)  
To: [Keating, Fiona](#)  
Cc: [Veillard, Josh](#); [Brown, Patrick](#); [Zhou, Roy](#)  
Subject: Alexander Cast-in-Place Medians  
Date: Thursday, June 14, 2018 8:22:23 AM

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Hey Fiona,

FYI – I just received a call from Ryan at TDE. In regards to the two cast-in-place medians that Roy mentioned could potentially conflict with truck movements, Ryan told me that Ross will be approving a revision to change these to precast concrete barriers. He's hoping the revision will be signed off later today.

Regards,  
Andy

From: [Keating, Fiona](#)  
To: [Hatton, Rommel](#); [Elford, Dan](#)  
Cc: [Greekas, Thomas](#); [Biagini, Marco](#); [Eckland, Jeff](#)  
Subject: Alexander Direction Switch and Maple Tree Square  
Date: Monday, June 18, 2018 9:24:00 AM

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Hi Dan and Rommel,

I want to assemble the confirmed schedule for Alexander.

1. July 11 (Wednesday evening, 5:30PM) – Grand Prix
2. July 12 (complete by 1AM) Street Maintenance will put the bollards back in their existing locations directly after the race is complete.
3. July 12? July 13? (Street Ops to confirm) Change in direction for Alexander – TCP required. Signs to be installed/switched on Alexander Street and on Powell Street
4. July 16? (Street Ops and Maintenance to confirm) Rearrange Bollards, complete paint/dura discs and signs for Maple Tree Square

Sounds like everything has arrived material wise other than the “dura discs” which we are tracking for week of July 16.

Please let me know confirmed dates and times for the highlighted activities.

Thanks,

**Fiona Keating** P.Eng.  
*Project Manager*  
City of Vancouver | Streets & Electrical Design  
Tel: 604-326-4814| Fax: 604-873-7212  
Email: [fiona.keating@vancouver.ca](mailto:fiona.keating@vancouver.ca)

From: [Elford, Dan](#)  
To: [Keating, Fiona](#)  
Subject: Alexander Powell to Columbia  
Date: Tuesday, July 10, 2018 11:53:50 AM

---

Fiona since this work will be done on graveyard and I do not want my staff removing any additional baskets ....can we have all of the hanging baskets removed for sign installation ...

Dan Elford  
Superintendent 1  
Streets, Traffic and Electrical  
604-829-4305

From: [Keating, Fiona](#)  
To: ["info@westernhydroblasting.com"](mailto:info@westernhydroblasting.com)  
Cc: [Elford, Dan](#); [Hatton, Rommel](#)  
Subject: Alexander Street - Eradication  
Date: Friday, May 11, 2018 2:30:00 PM  
Attachments: [ENG - SED - DC - Alexander Street - Gastown, Main Street, and Hawks Aven....pdf](#)

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Hi Andy,

As mentioned, if you can fit this work in too that would be helpful.  
Still reviewing Hawks and Powell, so if it's something real, I'll get it to you/Adrian for Monday morning.

Thanks,

**Fiona Keating** P.Eng.  
*Project Manager*  
**City of Vancouver | Streets & Electrical Design**  
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Email: [fiona.keating@vancouver.ca](mailto:fiona.keating@vancouver.ca)



From: [Keating, Fiona](#)  
To: [Miller, Cheyenne](#)  
Cc: [Gallina, Franco](#)  
Subject: Alexander Street - Island Layout  
Date: Friday, May 25, 2018 2:51:00 PM  
Attachments: [ENG - SED - SDGN - 143225 - Alexander St~venue - Main and Alexander - Con....pdf](#)  
[ENG - SED - SDGN - 143224 - Alexander St~venue - Main and Alexander - Con....pdf](#)

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Hi Cheyenne,

As discussed, please see attached for the island locations along Alexander from Columbia to Gore.

Let me know if you have any questions!

**Fiona Keating** P.Eng.  
*Project Manager*  
City of Vancouver | Streets & Electrical Design  
Tel: 604-326-4814 | Fax: 604-873-7212  
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From: [Keating, Fiona](#)  
To: [Elford, Dan](#)  
Cc: [Hatton, Rommel](#)  
Subject: Alexander Street Bike Way - Main/Alexander and Hawks/Powell  
Date: Thursday, May 10, 2018 11:26:00 AM  
Attachments: [ENG - SED - DC - Alexander Street - Gastown, Main Street, and Hawks Aven....pdf](#)  
[ENG - SED - DC - Alexander Street - Gastown, Main Street, and Hawks Avenue - Hawks Approved Geometric - 2018-03-12.tr5](#)

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Hi Dan,

See attached. Still waiting for these Form 1's.

Thanks,

**Fiona Keating** P.Eng.  
*Project Manager*  
City of Vancouver | Streets & Electrical Design  
Tel: 604-326-4814 | Fax: 604-873-7212  
Email: [fiona.keating@vancouver.ca](mailto:fiona.keating@vancouver.ca)

From: [Lewis, Toby](#)  
To: [Epa, Duminda](#)  
Cc: [Keating, Fiona](#)  
Subject: Alexander Street Bikeway  
Date: Tuesday, February 13, 2018 11:29:04 AM  
Attachments: [Pender.pdf](#)  
[Hastings.pdf](#)  
[Powell.pdf](#)  
[Cordova.pdf](#)  
[T-1045.pdf](#)  
[T-075.pdf](#)

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Hi Duminda

Please assign a designer to review the attached base plans and let us know who it is.

They are required as part of the Alexander Street Bikeway project that is being delivered in May

Fiona – Is Streets paving Columbia? Or paint changes only.

Thanks.

Toby

**Toby Lewis, Eng.L.**

City of Vancouver | Engineering  
Traffic & Data Management Branch  
507 W Broadway | Vancouver, BC V5Z 0B4  
tel: 604.873.7342 | Fax: 604.873.7212  
e-mail: [toby.lewis@vancouver.ca](mailto:toby.lewis@vancouver.ca)

From: [Keating, Fiona](#)  
To: [Borger, Ron](#)  
Subject: Alexander and Main  
Date: Tuesday, June 19, 2018 4:13:00 PM  
Attachments: [ENG - TDE - Approved Design Drawings - Alexander Bikeway Geometric Plan Revision 2 - 2014-87-C-G-02\\_Scan - 2018-06-14.tr5](#)

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Hi Ron,

Here's the latest revision – I'm just waiting for the site instruction that goes along with the IFC drawing so that you have all the numbers.

Fiona

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From: O'Donnell, Ryan  
Sent: Friday, June 15, 2018 8:52 AM  
To: Streets Design; Traffic Operations; Wong, Andy; Lee, Joyce (ENG); Malis, Ivan; Keating, Fiona  
Cc: Gould, Brian; Kenny, Ross; Mate, Tibor; Larijani, Alipasha; Lewis, Toby; Darwent, Christopher; Archide, Ron  
Subject: Design Project Number 2014-87

Hi Folks,

Please accept this e-mail as notification of geometric approval for Revision 2 of project 2014-87 Alexander Bikeway. The approved scanned pdf is attached with a link to AutoCAD on ENGIS below.

Details for Project Number 2014-87

Type = Capital Project

Project Name = Alexander St + Main St Overpass

Status = Approved

Project Contact(s):

Kenny, Ross

Gould, Brian

Start Date =

End Date =

Description = Bike lanes on Alexander St from Carrall-Hawks + overpass to Crab Park

Link: [http://vanmap.vancouver.ca/engis/index.cfm?fuseaction=COORDDESIGN.DesignProject\\_EditForm&ENG\\_PROJECT\\_ID=\\_\\_FUWODX](http://vanmap.vancouver.ca/engis/index.cfm?fuseaction=COORDDESIGN.DesignProject_EditForm&ENG_PROJECT_ID=__FUWODX)

From: [Traffic Operations](#)  
To: [Elford, Dan](#)  
Cc: [Keating, Fiona](#); [O'Donnell, Ryan](#)  
Subject: Approved: Form 1 Columbia St 2-Way Lane Configuration DOC/2018/158109; Sign & Paint Plan DOC/2018/157578 TO-18-3585 with DAN for approval  
Date: Wednesday, May 16, 2018 12:20:44 PM  
Attachments: [ENG - TDE - Form 1 - Install & Relocate Signs 100 Block Columbia St 2-Wa....docx](#)  
[ENG - TDE - Approved Design Drawing - Co~ Configuration Sign & Paint Pla....pdf](#)

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Afternoon

As per our conversation with Fiona, we will be putting all of the Alexander Bikeway FORM 1 requests under the one previously created Network #CEM975004

The FORM 1s will be in our file for reference

All drawings will be provided to crews

Thanks,

**Oliver Thomas**

Streets, Traffic & Electrical Operations | National Yard  
City of Vancouver | 604-871-6258

---

From: O'Donnell, Ryan  
Sent: Tuesday, May 15, 2018 2:23 PM  
To: Traffic Operations; Parking Operations - Maintenance; Streets Design  
Cc: Gould, Brian; Liaw, Alex; Larijani, Alipasha; Mate, Tibor; Epa, Duminda; Brown, Patrick; Keating, Fiona; Wong, Andy; Darwent, Christopher; Elford, Dan; Lee, Joyce (ENG)  
Subject: Approved: Form 1 Columbia St 2-Way Lane Configuration DOC/2018/158109; Sign & Paint Plan DOC/2018/157578

Hi All,

Please accept this e-mail as notification of approval for Transportation Project 2018-17 (Columbia St 2-Way Lane Configuration). The Form 1 has been approved by Transportation.

Regards,

**Ryan O'Donnell**

Geometric Designer

---

**Transportation Design**

City of Vancouver | Engineering Services

507 West Broadway

Vancouver, B.C. V5Z 0B4

t: 604.326.4828

f: 604.871 6192

e: [Ryan.O'Donnell@vancouver.ca](mailto:Ryan.O'Donnell@vancouver.ca)

From: [O'Donnell, Ryan](#)  
To: [Traffic Operations](#); [Parking Operations - Maintenance](#); [Streets Design](#)  
Cc: [Gould, Brian](#); [Liaw, Alex](#); [Larijani, Alipasha](#); [Mate, Tibor](#); [Epa, Duminda](#); [Brown, Patrick](#); [Keating, Fiona](#); [Wong, Andy](#); [Darwent, Christopher](#); [Elford, Dan](#); [Lee, Joyce \(ENG\)](#)  
Subject: Approved: Form 1 Columbia St 2-Way Lane Configuration DOC/2018/158109; Sign & Paint Plan DOC/2018/157578  
Date: Tuesday, May 15, 2018 2:22:39 PM  
Attachments: [ENG - TDE - Form 1 - Install & Relocate Signs 100 Block Columbia St 2-Wa....docx](#)  
[ENG - TDE - Approved Design Drawing - Co~ Configuration Sign & Paint Pla....pdf](#)

---

Hi All,

Please accept this e-mail as notification of approval for Transportation Project 2018-17 (Columbia St 2-Way Lane Configuration). The Form 1 has been approved by Transportation.

Regards,

**Ryan O'Donnell**

Geometric Designer

---

**Transportation Design**

**City of Vancouver | Engineering Services**

507 West Broadway

Vancouver, B.C. V5Z 0B4

t: 604.326.4828

f: 604.871 6192

e: [Ryan.O'Donnell@vancouver.ca](mailto:Ryan.O'Donnell@vancouver.ca)

From: [311 Operations \(Internal Use\)](#)  
To: [Keating, Fiona](#)  
Cc: [Transportation Planning](#)  
Subject: Citizen Feedback-101011642836  
Date: Saturday, July 28, 2018 11:05:51 PM

---

Hello,

Please see feedback from citizen.

Thank you

Fernando  
3-1-1 Contact Center

---



#### Citizen Feedback

Case number: 101011642836

Case created: 2018-07-28, 10:38:00 PM

#### Incident Location

Address: INTERSECTION ALEXANDER ST, Vancouver,  
Address2: CARRALL ST  
Location name:

#### Contact Details

Name: s.22(1)  
Address: ,  
Address2:  
Phone: s.22(1) Email:  
Alt. Phone: Preferred contact method: Either

#### Request Details

- |    |  |   |
|----|--|---|
| 1. | Describe details (who, what, where, when, why):                                | Citizen called to comment on the changes at this intersection as part of the Alexander Street Bikeway project. He said that, first of all, this ruins the charm of the whole area. Secondly, he said that cyclists come flying out of Alexander, without looking or stopping. Drivers coming west on Powell do not see them. The citizen has already had 2 near-misses. |
| 2. | Type of feedback:  | Complaint   |
| 3. | Feedback regarding:  | City Department   |
| 4. | Department:  | Engineering Services  |
| 5. | Division or Branch Name:   | Transportation Planning   |
| 6. | Were any other cases or service requests created as a result of this feedback? | No  |
| 8. | (Don't ask, just record - did caller indicate they want a call back?):         | Unknown   |

#### **Additional Details**

#### **Map and Photo**

- no picture -



From: [311 Operations \(Internal Use\)](#)  
To: [Keating, Fiona](#)  
Subject: Citizen Feedback-101011692661  
Date: Wednesday, August 08, 2018 4:35:26 PM

---

Hello,

Please review the following citizen feedback.

Regards,

Asha Sharda  
3-1-1 Support Team

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#### Citizen Feedback

Case number: 101011692661

Case created: 2018-08-08, 03:49:00 PM

#### Incident Location

Address: INTERSECTION ALEXANDER ST, Vancouver,  
Address2: CARRALL ST  
Location name:

#### Contact Details

Name: s.22(1)  
Address: s.22(1)  
Address2:  
Phone: s.22(1) Email: s.22(1)  
Alt. Phone: Preferred contact method: Either

#### Request Details

- |    |   |  |
|----|---|--|
| 1. | Describe details (who, what, where, when, why): | PlanIt link s.15(1)(l)<br><br>s.22(1) says that he heads north on Carrall Street. The bike route leads into the intersection. There is the Alexander Street Bike Facility Project going on in the area. He feels that the cycling sign is obscured and is not noticed. Traffic on Powell Street going westbound turning on the corner and cyclists going northbound miss it.<br><br>This is feedback for the project contact to take that the intersection of Carrall Street and Alexander Street and Powell Street into account so that signage is not missed.<br><br>As part of the new project, new signs are part of the project work. |
| 2. | Type of feedback:                               | Complaint  |
| 3. | Feedback regarding:                             | City Department  |

4.	Department:	Planning, Urban Design & Sustainability
5.	Division or Branch Name:	Transportation / Cycling Spot Improvement Alexander Street Bike Facility Project Fiona Keating
6.	Were any other cases or service requests created as a result of this feedback?	Yes
7.	If Yes, provide case number(s) or other relevant details:	101011642836
8.	(Don't ask, just record - did caller indicate they want a call back?):	No

#### Additional Details

#### Map and Photo

- no picture -

From: [O'Donnell, Ryan](#)  
To: [Streets Design](#); [Traffic Operations](#); [Wong, Andy](#); [Lee, Joyce \(ENG\)](#); [Malis, Ivan](#); [Keating, Fiona](#)  
Cc: [Gould, Brian](#); [Kenny, Ross](#); [Mate, Tibor](#); [Larijani, Alipasha](#); [Lewis, Toby](#); [Darwent, Christopher](#); [Archide, Ron](#)  
Subject: Design Project Number 2014-87 Revision 1  
Date: Wednesday, June 06, 2018 8:29:50 AM  
Attachments: [ENG - TDE - Approved Design Drawings - Alexander Bikeway Geometric Plan Revision 1 - 2014-87-C-G-01\\_Scan - 2018-06-05.tr5](#)

---

Hi Folks,

Please accept this e-mail as notification of geometric approval for Revision 1 of project 2014-87 Alexander Bikeway. The approved scanned pdf is attached with a link to AutoCAD on ENGIS below.

Details for Project Number 2014-87

Type = Capital Project

Project Name = Alexander St + Main St Overpass

Status = Approved

Project Contact(s):

Kenny, Ross

Gould, Brian

Start Date =

End Date =

Description = Bike lanes on Alexander St from Carrall-Hawks + overpass to Crab Park

Link: [http://vanmap.vancouver.ca/engis/index.cfm?fuseaction=COORDDESIGN.DesignProject\\_EditForm&ENG\\_PROJECT\\_ID=\\_\\_FUWODX](http://vanmap.vancouver.ca/engis/index.cfm?fuseaction=COORDDESIGN.DesignProject_EditForm&ENG_PROJECT_ID=__FUWODX)

Regards,

**Ryan O'Donnell**

Geometric Designer

From: [O'Donnell, Ryan](#)  
To: [Streets Design](#); [Traffic Operations](#); [Wong, Andy](#); [Lee, Joyce \(ENG\)](#); [Malis, Ivan](#); [Keating, Fiona](#)  
Cc: [Gould, Brian](#); [Kenny, Ross](#); [Mate, Tibor](#); [Larijani, Alipasha](#); [Lewis, Toby](#); [Darwent, Christopher](#); [Archide, Ron](#)  
Subject: Design Project Number 2014-87  
Date: Friday, June 15, 2018 8:51:59 AM  
Attachments: [ENG - TDE - Approved Design Drawings - Alexander Bikeway Geometric Plan Revision 2 - 2014-87-C-G-02\\_Scan - 2018-06-14.tr5](#)

---

Hi Folks,

Please accept this e-mail as notification of geometric approval for Revision 2 of project 2014-87 Alexander Bikeway. The approved scanned pdf is attached with a link to AutoCAD on ENGIS below.

Details for Project Number 2014-87

Type = Capital Project

Project Name = Alexander St + Main St Overpass

Status = Approved

Project Contact(s):

Kenny, Ross

Gould, Brian

Start Date =

End Date =

Description = Bike lanes on Alexander St from Carrall-Hawks + overpass to Crab Park

Link: [http://vanmap.vancouver.ca/engis/index.cfm?fuseaction=COORDDESIGN.DesignProject\\_EditForm&ENG\\_PROJECT\\_ID=\\_\\_FUWODX](http://vanmap.vancouver.ca/engis/index.cfm?fuseaction=COORDDESIGN.DesignProject_EditForm&ENG_PROJECT_ID=__FUWODX)

From: [Keating, Fiona](#)  
To: [Borger, Ron](#)  
Cc: [Durnford, Jack](#); [Veillard, Josh](#)  
Subject: FW: 2014-87 Sleeve Location Revision 1  
Date: Wednesday, June 06, 2018 3:13:00 PM  
Attachments: [2014-87-C-S Sleeves R1.pdf](#)

---

FYI – for your use when you get there.

We have a new sign plan and a revised IFC for the medians at Alexander/Main coming.

---

From: O'Donnell, Ryan  
Sent: Wednesday, June 06, 2018 3:08 PM  
To: Keating, Fiona  
Cc: Gould, Brian; Kenny, Ross  
Subject: 2014-87 Sleeve Location Revision 1

Hey Fiona,

As discussed, attached is a revised sleeve location plan that now corresponds with the latest geometric revision. Please contact me should you have any questions.

Sign plan revision is in the works now.

Regards,

**Ryan O'Donnell**  
Geometric Designer

From: [Keating, Fiona](#)  
To: [Hatton, Rommel](#); [Sibley, Marc](#); [Elford, Dan](#)  
Subject: FW: Alexander - CLB/CBN's  
Date: Monday, June 25, 2018 1:11:00 PM  
Attachments: [CLB and CBN Glen Dr.jpg](#)

---

For your reference – these are the barriers being used at the Alexander/Main location.

---

From: Keating, Fiona  
Sent: Thursday, June 21, 2018 2:22 PM  
To: Kenny, Ross  
Cc: Liaw, Alex  
Subject: Alexander - CLB/CBN's

Hi Ross,

Just want to confirm the CBN's and CLB's specified on the drawings. I went to Glen Dr, and I believe these are the ones you speak of?

Thanks,

**Fiona Keating** P.Eng.  
*Project Manager*  
City of Vancouver | Streets & Electrical Design  
Tel: 604-326-4814 | Fax: 604-873-7212  
Email: [fiona.keating@vancouver.ca](mailto:fiona.keating@vancouver.ca)

From: [Keating, Fiona](#)  
To: [Kenny, Ross](#)  
Cc: [O'Donnell, Ryan](#); [Wong, Andy](#)  
Subject: FW: Alexander Bikeway - Main, Island Location at Film Studio  
Date: Thursday, June 07, 2018 8:32:00 AM  
Attachments: [image001.png](#)  
[Alexander and Main - Film Studio Entrance.jpg](#)

---

Hi Ross,

Our surveyor laid out the original island and he expressed concern over the location. He said he observed the film trucks loading at the film studio and that the location of the island would interfere with their movements.

The survey doesn't show the driveway – but I've copied a photo of the location. Can we bring the concrete back a bit to provide additional room for a large truck?

Thanks,  
Fiona

---

From: [Wong, Andy](#)  
Sent: Thursday, June 07, 2018 8:28 AM  
To: [Keating, Fiona](#)  
Subject: Alexander Bikeway

Hey Fiona,

The western extent of the north cast-in-place median is in the same location. See screenshot below, might be worth a conversation with Ross to relocate it a bit further east?



From: [Chan, Phillip](#)  
To: [Keating, Fiona](#); [Liaw, Alex](#)  
Cc: [Gould, Brian](#)  
Subject: FW: Alexander Drawings  
Date: Wednesday, December 13, 2017 11:54:59 AM

---

All,

Revised estimated cost to: **\$300,000**

I forgot to include provision for pole removal/relocation.

My apologies.

Cheers,

**Phil Chan**  
Engineering Project Coordinator  
Streets and Electrical Design, City of Vancouver

---

From: Chan, Phillip  
Sent: Wednesday, December 13, 2017 11:50 AM  
To: Keating, Fiona; Liaw, Alex  
Cc: Gould, Brian  
Subject: RE: Alexander Drawings

All,

The estimated cost of this section of Hawks and Powell is: **\$250,000**

The estimate includes:

- Southeast corner bulge:
  - CB relocate
  - signal activator relocate
  - C&G, sidewalk and corner ramp
- Northeast corner bulge:
  - New C&G to tie into existing bike median on Powell
  - Sidewalk and corner ramps
- Raised bike lane Powell to Alexander
- New sidewalk adjacent to business from Powell to lane crossing
- Rebuilt lane crossing
- Any/all boulevard repair/work
- Crosswalk paint/stop bars/signage modifications
- C&G on Alexander around asphalt bike ramp
- Tree Removal

Also included: 6% inspection, 15% overhead, 50% contingency, and 0.5% site safety



Cheers,

**Phil Chan**

Engineering Project Coordinator  
Streets and Electrical Design, City of Vancouver

---

From: Keating, Fiona  
Sent: Tuesday, December 12, 2017 3:58 PM  
To: Liaw, Alex  
Cc: Chan, Phillip; Gould, Brian  
Subject: Re: Alexander Drawings

Hi Alex,

Phil will take a look and probably put a 50% contingency on it since it's so high level.

We'll chat tomorrow.

Cheers,  
Fiona

Sent from my iPhone

On Dec 12, 2017, at 3:57 PM, Liaw, Alex <[Alex.Liaw@vancouver.ca](mailto:Alex.Liaw@vancouver.ca)> wrote:

Hi Fiona,

I've saved the CAD drawings for the Alexander local street bikeway [here](#). The whole corridor is separated into 3 sections:

- Section 1: Maple Tree Square
- Section 2: Full closure with bollards east of Main
- Section 3: Hawks / Powell intersection

You'll only find the CAD drawing to section 3 in the folder above for now. When I see Brian, I'll get him to throw in the updated section 1 and 2 drawings. Just a heads up that the cost estimate will probably be something super rough but we can chat more tomorrow. Thanks for following up so promptly.

Cheers,  
Alex

From: [Keating, Fiona](#)  
To: [Sibley, Marc](#); [Traffic Operations](#); [Elford, Dan](#); [Hatton, Rommel](#)  
Subject: FW: Alexander ST  
Date: Friday, April 20, 2018 8:46:00 AM  
Attachments: [143224C - Alexander St \(Main St - Gore Ave\).pdf](#)

---

FYI – paint eradication and new arrows and sharrows at Main and Alexander. If we get IFC's next week, this will likely start mid May.  
You'll get the Hawks and Powell soon too.

Thanks,  
Fiona

---

From: Campbell, Gerri  
Sent: Thursday, April 19, 2018 11:40 AM  
To: Keating, Fiona  
Subject: Alexander ST

Hi Fiona,

Andy asked me to make construction drawings for Alexander Street. Here is the first part from job 143224. All notes and dimensioning have been taken from the geometric so please let me know of any changes that are needed. I'm waiting on design to complete job 143225.

Gerri

From: [Keating, Fiona](#)  
To: [Gould, Brian](#)  
Cc: [Wong, Winnie](#)  
Subject: FW: Citizen Feedback-101011618814  
Date: Tuesday, July 24, 2018 3:42:00 PM

---

FYI

---

From: 311 Operations (Internal Use)  
Sent: Tuesday, July 24, 2018 3:39 PM  
To: Keating, Fiona  
Subject: Citizen Feedback-101011618814

Hello Fiona,

Please kindly review the citizen feedback below.

Thank you,  
Cathy  
3-1-1 Contact Centre  
City of Vancouver

---



#### Citizen Feedback

Case number: 101011618814

Case created: 2018-07-24, 12:12:00 PM

#### Incident Location

Address: INTERSECTION ALEXANDER ST, Vancouver, V6P 0H4  
Address2: MAIN ST  
Location name:

#### Contact Details

Name: s.22(1)  
Address: ,  
Address2:  
Phone: s.22(1) Email:  
Alt. Phone: Preferred contact method: Phone

#### Request Details

1. Describe details (who, what, where, when, why):

Citizen said that when travelling northbound on Main street and taking a right turn onto Alexander street the road is blocked. The signage is 30 ft into Alexander street and motorists are unaware the road is blocked until they already take the turn into the street. Citizen said he has witnessed large trucks make the turn into the street and

then they are unable to make a u turn and have to back up onto main street with the help of citizens. **s.22(1)** said that this is a dangerous situation and the signage should be brought up forward or there should be more signage added to allow motorists to know that Alexander street is blocked and for cyclists only.

2.	Type of feedback:	Complaint
3.	Feedback regarding:	City Department
4.	Department:	Engineering Services
5.	Division or Branch Name:	Fiona Keating Alexander Street Bike Facility Project
6.	Were any other cases or service requests created as a result of this feedback?	No
8.	(Don't ask, just record - did caller indicate they want a call back?):	No

#### Additional Details

#### Map and Photo

- no picture -

From: [Brown, Patrick](#)  
To: [Zhou, Roy](#); [Keating, Fiona](#)  
Subject: FW: Emailing: CUTSHEET SW UPDATED.pdf  
Date: Wednesday, May 16, 2018 1:54:42 PM  
Attachments: [CUTSHEET SW UPDATED.pdf](#)

---

Thanks Roy..

Fiona, please find attached the cut sheet for the small bulge extension on Alexander..

Thanks  
Pat

-----Original Message-----

From: Zhou, Roy  
Sent: Wednesday, May 16, 2018 12:52 PM  
To: Brown, Patrick  
Subject: Emailing: CUTSHEET SW UPDATED.pdf

Your message is ready to be sent with the following file or link attachments:

CUTSHEET SW UPDATED.pdf

Note: To protect against computer viruses, e-mail programs may prevent sending or receiving certain types of file attachments. Check your e-mail security settings to determine how attachments are handled.

From: [Keating, Fiona](#)  
To: [Elford, Dan](#)  
Cc: [Traffic Operations](#); [Hatton, Rommel](#)  
Subject: FW: SR # 1315600  
Date: Monday, July 16, 2018 10:55:00 AM  
Attachments: [SR# 1315600.pdf](#)

---

Hi Dan,

For your attention. It's on the Form 1 – outstanding work to be completed.

Thanks,  
Fiona

---

From: Brar, Bikrem  
Sent: Monday, July 16, 2018 8:35 AM  
To: Keating, Fiona  
Subject: FW: SR # 1315600

Hi Fiona,

Please review this case once you get a chance. Can you also advise me when to close this case.

Thanks,

Bikrem Brar  
Traffic & Data Management | City of Vancouver  
604-873-7095

---

From: Coburn, Dave  
Sent: Monday, July 16, 2018 8:29 AM  
To: Brar, Bikrem  
Subject: SR # 1315600

Please reallocate Alexander closure requests to Fiona Keating.

Dave Coburn  
Traffic & Data Management Branch  
604 873-7910

From: [Nowak, Greg](#)  
To: [Keating, Fiona](#)  
Cc: [Plant, Sherwood](#)  
Subject: FW: "Travelers" REVISED TMP 100 Alexander St.  
Date: Friday, May 25, 2018 11:17:40 AM  
Attachments: [Travelers - City of Van - 100 Blk Alexander St - May 25, 2018 - DWG 01 Rev 2 \(18-1177\).pdf](#)

---

Hi Fiona,

When does the 000 block of alexander switch directions?  
Filming wants adjacent block but we need to adjust tmp accordingly

Thanks,

Greg

---

From: Durkin, Cathy  
Sent: Friday, May 25, 2018 10:52 AM  
To: Plant, Sherwood  
Cc: Nowak, Greg  
Subject: FW: "Travelers" REVISED TMP 100 Alexander St.

Hi Sherwood:

For your approval. Cheers and thanks. ☺

**Cathy Durkin**  
**Film and Event Liaison**  
**City of Vancouver**  
**126 Keefer St.**  
**604-257-8843**

**Monday to Friday**  
**7:30am to 3:30**

---

From: Bob McQuarrie [<mailto:bobbymcquarrie@gmail.com>]  
Sent: Friday, May 25, 2018 10:37 AM  
To: Durkin, Cathy  
Cc: Heather Vedan; Kelly Mckeigan; Teyana Mio  
Subject: "Travelers" REVISED TMP 100 Alexander St.

Hi Cathy,

Here is our revised TMP. Let us know what they say.

Thank you,  
Bob McQuarrie  
Asst. Location Manager  
Travelers Three Peacock Inc.

604-970-9927



From: [Keating, Fiona](#)  
To: [Kenny, Ross](#)  
Cc: [Storer, Paul](#); [Mital, Eric](#)  
Subject: Film Studio - Alexander closure  
Date: Tuesday, July 10, 2018 12:44:20 PM

---

Hi Ross,

Just chatting with the owner of the film studio and he expressed he was rather upset about the placement of the concrete barriers. He asked for an additional 5' of room past his driveway but was told that couldn't be accommodated because of trucks needing room to turn on the other side.

The outline of the previous median design was a cause for contention because it shows that additional room east was achievable.

He said he spoke to Rachel and was told that these barriers would be mountable... but they aren't.

Just a heads up.

The road is now closed.

Thanks,  
Fiona

Sent from my iPhone

From: [Keating, Fiona](#)  
To: [Gould, Brian](#)  
Subject: Fwd: Citizen Feedback-101011640689  
Date: Saturday, July 28, 2018 12:27:15 PM  
Attachments: [image001.jpg](#)  
[image002.jpg](#)

More a question of compliance if it's not an emergency.

Sent from my iPhone

Begin forwarded message:

**From:** "311 Operations (Internal Use)" [s.15\(1\)\(l\)](#)  
**Date:** July 28, 2018 at 11:22:03 AM PDT  
**To:** "Keating, Fiona" <[Fiona.Keating@vancouver.ca](mailto:Fiona.Keating@vancouver.ca)>  
**Subject:** Citizen Feedback-101011640689

Hello,  
Please see attached citizen feedback.  
Thanks,  
Caitlin  
311 Operations



**Citizen Feedback**

Case number: 101011640689 Case created: 2018-07-28, 08:41:00 AM

**Incident Location**

Address: 200 - 299 ALEXANDER ST, Vancouver,  
Address2:  
Location name:

**Contact Details**

Name: [s.22\(1\)](#)  
Address: [s.22\(1\)](#)  
Address2:  
Phone: [s.22\(1\)](#) Email:  
Alt. Phone: Preferred contact method: Either

**Request Details**

- Describe details (who, what, where, when, why):  
Caller is reporting the emergency vehicles are not obeying the newly implemented cyclist dividers and are driving over them.

Last time a fire truck from firehall number 2 drove over the yellow rod it became dislodged and flew across the street. Now there is one that needs to be reattached and a few others that will come loose very soon. Caller would like to know if the emergency vehicles are allowed to use this new route when not being dispatched to a call. Citizen would like a call back to discuss the situation.

2.	Type of feedback:	Complaint
3.	Feedback regarding:	City Department
4.	Department:	Engineering Services
5.	Division or Branch Name:	Project team - <a href="mailto:fiona.keating@vancouver.ca">fiona.keating@vancouver.ca</a>
6.	Were any other cases or service requests created as a result of this feedback?	No
8.	(Don't ask, just record - did caller indicate they want a call back?):	Yes

#### Additional Details

#### Map and Photo

- no picture -

From: [Keating, Fiona](#)  
To: [Gould, Brian](#)  
Cc: [Liaw, Alex](#)  
Subject: Fwd: Citizen Feedback-101011642836  
Date: Sunday, July 29, 2018 6:49:56 PM  
Attachments: [image001.jpg](#)  
[image002.jpg](#)

---

For your review and response.

Sent from my iPhone

Begin forwarded message:

**From:** "311 Operations (Internal Use)" [s.15\(1\)\(l\)](#)  
**Date:** July 28, 2018 at 11:05:50 PM PDT  
**To:** "Keating, Fiona" <[Fiona.Keating@vancouver.ca](mailto:Fiona.Keating@vancouver.ca)>  
**Cc:** Transportation Planning <[Transportation.Planning@vancouver.ca](mailto:Transportation.Planning@vancouver.ca)>  
**Subject:** Citizen Feedback-101011642836

Hello,

Please see feedback from citizen.

Thank you

Fernando  
3-1-1 Contact Center

---



#### Citizen Feedback

Case number: 101011642836  
10:38:00 PM

Case created: 2018-07-28,

#### Incident Location

Address: INTERSECTION ALEXANDER ST, Vancouver,  
Address2: CARRALL ST  
Location name:

#### Contact Details

Name: [s.22\(1\)](#)  
Address: ,  
Address2:  
Phone: [s.22\(1\)](#)

Email:

Alt. Phone:

Preferred contact method: Either

#### Request Details

- |    |  |   |
|----|--|---|
| 1. | Describe details (who, what, where, when, why):                                | Citizen called to comment on the changes at this intersection as part of the Alexander Street Bikeway project. He said that, first of all, this ruins the charm of the whole area. Secondly, he said that cyclists come flying out of Alexander, without looking or stopping. Drivers coming west on Powell do not see them. The citizen has already had 2 near-misses. |
| 2. | Type of feedback:  | Complaint   |
| 3. | Feedback regarding:  | City Department   |
| 4. | Department:  | Engineering Services  |
| 5. | Division or Branch Name:   | Transportation Planning   |
| 6. | Were any other cases or service requests created as a result of this feedback? | No  |
| 8. | (Don't ask, just record - did caller indicate they want a call back?):         | Unknown   |

#### Additional Details

#### Map and Photo

- no picture -

From: [Keating, Fiona](#)  
To: [Traffic Operations](#)  
Cc: [Hatton, Rommel](#); [Elford, Dan](#)  
Subject: Fwd: Noise Exception Approval- Alexander Street (Maple Tree Square to Columbia)  
Date: Saturday, July 07, 2018 10:15:01 AM  
Attachments: [20180705085301250.pdf](#)  
[ATT00001.htm](#)

---

I'll send the notification letter out on Monday

Sent from my iPhone

Begin forwarded message:

**From:** Noise Exception <[noiseexception@vancouver.ca](mailto:noiseexception@vancouver.ca)>  
**Date:** July 5, 2018 at 9:14:14 AM PDT  
**To:** "Keating, Fiona" <[Fiona.Keating@vancouver.ca](mailto:Fiona.Keating@vancouver.ca)>  
**Cc:** "Mital, Eric" <[Eric.Mital@vancouver.ca](mailto:Eric.Mital@vancouver.ca)>  
**Subject:** Noise Exception Approval- Alexander Street (Maple Tree Square to Columbia)

Here is the noise exception approval for July 16/17 sign and road marking.

Thank you  
Noise exception approval

---

From: Keating, Fiona  
Sent: Thursday, June 21, 2018 8:08 AM  
To: Noise Exception  
Subject: Noise Bylaw Exception Application - Alexander Street (Maple Tree Square to Columbia)

Hi,

Please find attached the application for a Noise Bylaw Exception for the evening of July 16 to July 17

Thank you,

**Fiona Keating** P.Eng.  
*Project Manager*  
City of Vancouver | Streets & Electrical Design  
Tel: 604-326-4814 | Fax: 604-873-7212  
Email: [fiona.keating@vancouver.ca](mailto:fiona.keating@vancouver.ca)

From: [Veillard, Josh](#)  
To: [Keating, Fiona](#)  
Subject: Inserts for bollards  
Date: Monday, June 11, 2018 1:53:24 PM

---

Hello Fiona

I just got off the phone with Thomas Grekas. The bollard inserts arrived this morning.

Thanks

Josh

From: [Keating, Fiona](#)  
To: [Ledo, George](#); [Durnford, Jack](#); [Borger, Ron](#); [Moore, Doug](#); [Salar-Arefi, Yazdan](#); [Elford, Dan](#); [Pasin, John](#)  
Subject: Main and Alexander Geometric and Electrical Prelim Design  
Date: Tuesday, March 13, 2018 10:41:00 AM  
Attachments: [ENG - TDE - Approved Design Drawing - Alexander Bikeway Geometric Plan - 2014-87-C-G-00\\_Scan - 2018-03-06.tr5](#)  
[T-075.pdf](#)

---

Hi Team,

Heads up on the design for Main and Alexander.

Scope highlights:

- Cast in place concrete
- Curb and gutter
- IRS bollards
- Signal upgrade with added push buttons for cyclists

This work will probably start before Hawks. Since Hawks requires sewer and hydro work first.

Thanks,  
Fiona

---

From: O'Donnell, Ryan  
Sent: Tuesday, March 06, 2018 1:48 PM  
To: Streets Design; Traffic Operations; Wong, Andy; Lee, Joyce (ENG); Malis, Ivan; Keating, Fiona  
Cc: Gould, Brian; Mate, Tibor; Larijani, Alipasha; Lewis, Toby; Darwent, Christopher; Archide, Ron  
Subject: Design Project Number 2014-87

Hi Folks,

Please accept this e-mail as notification of geometric approval for project 2014-87 Alexander Bikeway. The approved scanned pdf is attached with a link to AutoCAD on ENGIS below.

Details for Project Number 2014-87

Type = Capital Project

Project Name = Alexander St + Main St Overpass

Status = Approved

Project Contact(s):

Gould, Brian

Start Date =

End Date =

Description = Bike lanes on Alexander St from Carrall-Hawks + overpass to Crab Park

Link: <http://vanmap.vancouver.ca/engis/index.cfm?>



[fuseaction=COORDDESIGN.DesignProject\\_EditForm&ENG\\_PROJECT\\_ID=\\_\\_FUWODX](#)

Regards,

**Ryan O'Donnell**

Geometric Designer

---

**Transportation Design**

**City of Vancouver | Engineering Services**

507 West Broadway

Vancouver, B.C. V5Z 0B4

t: 604.326.4828

f: 604.871 6192

e: [Ryan.O'Donnell@vancouver.ca](mailto:Ryan.O'Donnell@vancouver.ca)

From: [Keating, Fiona](#)  
To: [Gradual Return to Work Operations Crew](#)  
Subject: Notification Letters  
Date: Friday, April 27, 2018 8:37:00 AM  
Attachments: [ENG - SED - DC - Alexander Street - Gastown, Main Street, and Hawks Avenue - Columbia St Notification Letter - 2018-04-13.tr5](#)  
[ENG - SED - DC - Alexander Street - Gastown, Main Street, and Hawks Avenue - Main St Notification Letter - 2018-04-13.tr5](#)  
[ENG - SED - DC - Alexander Street - Gastown, Main Street, and Hawks Avenue - Hawks Notification Letter - 2018-04-13.tr5](#)

---

Hi,

I have three letters that need to be delivered in the next week. Please change the date to match the delivery date.

Columbia Street - CERD79390. This is a change in the traffic signal, so please distribute to the neighbourhood all around the intersection of Columbia and Powell

Main Street - CERD79389. This is a change from Alexander/Columbia to Alexander/Gore, so please distribute to properties on either side of Alexander and a block past Columbia and Gore.

Hawks Avenue - CERD79388. This is work at Hawks and Powell, north and south of the intersection. Please distribute to properties all around the intersection, as well as all the way north Hawks Avenue and around Alexander to the next block to Heatley.

Please let me know if you need more information! (The attachments are in VanDocs - so right click, and select "Edit" to get the actual document).

Thanks,

Fiona Keating P.Eng.  
Project Manager  
City of Vancouver | Streets & Electrical Design  
Tel: 604-326-4814 | Fax: 604-873-7212  
Email: [fiona.keating@vancouver.ca](mailto:fiona.keating@vancouver.ca)

From: [Veillard, Josh](#)  
To: [Ledo, George](#); [Paccani, Vince](#); [Keating, Fiona](#); [Moore, Doug](#); [Borger, Ron](#); [Durnford, Jack](#); [Pasin, John](#)  
Subject: Pre - Con Meeting Minutes  
Date: Thursday, May 17, 2018 1:55:51 PM  
Attachments: [ENG - SED - DC - Alexander Street - Gastown, Main Street, and Hawks Aven....tr5](#)

---

Hello

Attached are the pre-con meeting minutes taken on May 09, 2018.

Thanks

Josh

From: [O'Donnell, Ryan](#)  
To: [Keating, Fiona](#)  
Cc: [Gould, Brian](#); [Kenny, Ross](#)  
Subject: RE: 2014-87 Sleeve Location Revision 2  
Date: Tuesday, June 26, 2018 9:13:35 AM  
Attachments: [Alexander @ Columbia Sleeve Locates.PNG](#)  
[Alexander @ Main Sleeve Locates.PNG](#)

---

Hi Fiona,

Please see attached. If you have any questions, Please call me 604-326-4828. Thanks.

Ryan O'Donnell

---

From: Keating, Fiona  
Sent: Tuesday, June 26, 2018 8:35 AM  
To: O'Donnell, Ryan  
Cc: Gould, Brian; Kenny, Ross  
Subject: Re: 2014-87 Sleeve Location Revision 2

Hi Ryan,

Can you please send dimensions for Alexander and Columbia and Main?  
Crew is forming today.

Thanks,  
Fiona

Sent from my iPhone

On Jun 14, 2018, at 1:13 PM, O'Donnell, Ryan <[Ryan.O'Donnell@vancouver.ca](mailto:Ryan.O'Donnell@vancouver.ca)> wrote:

Hi Fiona,

Attached is an updated sleeve plan.

Ryan O'Donnell

---

From: O'Donnell, Ryan  
Sent: Wednesday, June 06, 2018 3:08 PM  
To: Keating, Fiona  
Cc: Gould, Brian; Kenny, Ross  
Subject: 2014-87 Sleeve Location Revision 1

Hey Fiona,

As discussed, attached is a revised sleeve location plan that now corresponds with the latest geometric revision. Please contact me should you have any questions.

Sign plan revision is in the works now.

Regards,

**Ryan O'Donnell**

Geometric Designer

<2014-87-C-S\_Sleeves\_R2.pdf>

From: [Fitch, Devan](#)  
To: [Keating, Fiona](#)  
Subject: RE: 311 Call - Alexander  
Date: Friday, July 20, 2018 11:49:29 AM

---

Great, thx

**Devan Fitch**, P.Eng., M.A.Sc., PMP  
Manager of Project Delivery,  
Engineering Services, City of Vancouver, V5Z OB4  
*tel* 604 871 6998 | *fax* 604 873 7395  
*email* [devan.fitch@vancouver.ca](mailto:devan.fitch@vancouver.ca) | [www.vancouver.ca](http://www.vancouver.ca)

---

From: Keating, Fiona  
Sent: Friday, July 20, 2018 11:42 AM  
To: Fitch, Devan  
Subject: 311 Call - Alexander

Hi Devan,

Got your message. Thank you.

I'll follow up with Teresa now. We had a noise variance in place to facilitate the switch in direction of Alexander. No further night work required (just an FYI for yourself).

Cheers,

**Fiona Keating** P.Eng.  
*Project Manager*  
City of Vancouver | Streets & Electrical Design  
Tel: 604-326-4814 | Fax: 604-873-7212  
Email: [fiona.keating@vancouver.ca](mailto:fiona.keating@vancouver.ca)

From: [Gould, Brian](#)  
To: [Keating, Fiona](#)  
Cc: [Storer, Paul](#); [Mital, Eric](#); [Magnusson, Rachel](#); [Bike Upgrades](#)  
Subject: RE: Alexander - 311 continued  
Date: Wednesday, July 25, 2018 10:28:30 AM

---

Left a message for David (Bean) explaining that to see if we can make any tweaks we're sending TAs to work out where traffic in the lane is coming from and heading to as soon as this week.

Left a message for [s.22\(1\)](#) explaining that this might be changes to tour zones PMB made around the same time, but would appreciate more information on where and when this is happening.

[s.22\(1\)](#) drives through this area frequently for work but doesn't seem to make any stops along Alexander. He just wanted an opportunity to vent about our policy, though he was good enough to let me explain the process and let me off relatively quickly.

Thanks for following up on those FYIs. I can't tell that any were struck, and I'll be looking for feedback on how everything's taking shape in the field. This might be something the final tweaks (dots around bollards, advance lane designations, etc) help with or first day bull-headedness, and hopefully not just the first of many.

I was on site this morning, as was Rachel. We're glad that you've already communicated to Ops regarding the deficiencies, I'm going to add a few specific points in a second.

---

From: Keating, Fiona  
Sent: Tuesday, July 24, 2018 3:16 PM  
To: Gould, Brian  
Cc: Storer, Paul; Mital, Eric; Magnusson, Rachel  
Subject: RE: Alexander - 311 continued

Hi Brian,

Here's a new one:

[s.22\(1\)](#)

Upset about Alexander/Main being closed and wants to know when the barriers will be moved and the road reopened.

---

From: Keating, Fiona  
Sent: Tuesday, July 24, 2018 7:56 AM  
To: Gould, Brian  
Cc: Storer, Paul; Mital, Eric; Magnusson, Rachel  
Subject: Alexander - 311 continued

Hi Brian,

Some new ones and an FYI from ops.

FYI: tour bus took out a bunch of bollards yesterday. Hit and run. They took off with what was described as significant damage. Ops will escalate to risk management but the driver didn't stop, so they're going off of the name of the bus.

FYI: from me – I left EB Alexander and tried to turn right on Columbia yesterday. Construction at the corner blocked my exit and they actually tried to make me turn around to go the wrong way down Alexander. I will be letting Sherwood know.

1. David – owner of Bean Around The World at 255 Powell s.22(1)  
Has noticed that traffic EB Alexander at Main is being diverted through the alley and has witnessed near miss collisions with pedestrians and vehicles.  
Vehicles are noted as speeding through the alley. Has requested traffic calming.
2. s.22(1)  
Has noticed that tour buses and limos are now idling/parking at Alexander/Columbia due to the switch in one way traffic at Alexander.  
Has phoned parking enforcement but has requested that TDE be informed to see if anything can be changed to restrict this behavior.

Thanks,

**Fiona Keating** P.Eng.  
*Project Manager*  
**City of Vancouver | Streets & Electrical Design**  
Tel: 604-326-4814 | Fax: 604-873-7212  
Email: [fiona.keating@vancouver.ca](mailto:fiona.keating@vancouver.ca)



From: [Brown, Ken](#)  
To: [Keating, Fiona](#)  
Cc: [Mital, Eric](#)  
Subject: RE: Alexander @ Main Incident  
Date: Thursday, July 12, 2018 4:01:39 PM

---

s.22(3)(d)

s.22(3)(d)

**Ken Brown**  
(office) 604.871.6770

---

From: Keating, Fiona  
Sent: Thursday, July 12, 2018 3:02 PM  
To: Brown, Ken  
Cc: Mital, Eric  
Subject: Re: Alexander @ Main Incident

Hi Ken,

s.22(3)(d)

Fiona

Sent from my iPhone

On Jul 12, 2018, at 2:30 PM, Brown, Ken <[ken.brown@vancouver.ca](mailto:ken.brown@vancouver.ca)> wrote:

Greetings,

This was just meant as a FYI, so you are aware of any issues that arise due to the traffic pattern change for this project. The process for situations like this, is that our crew will submit the required information to our Office, and they will create an account number (Z02) to conduct the field repairs. Our Office will then submit the information to ICBC, including costs for reimbursement. They will also provide Risk Management with the incident information in case the citizen files a future claim against the City.

**Ken Brown**  
(office) 604.871.6770

---

From: Keating, Fiona  
Sent: Thursday, July 12, 2018 11:02 AM  
To: Mital, Eric  
Cc: Brown, Ken  
Subject: Re: Alexander @ Main Incident

Hi Eric,

s.14

s.13(1)

s.13(1)

Thank you,  
Fiona

Sent from my iPhone

On Jul 12, 2018, at 10:47 AM, Mital, Eric <[Eric.Mital@vancouver.ca](mailto:Eric.Mital@vancouver.ca)> wrote:

Hi Ken,

It's not clear to me if this is being passed along for information (which is helpful and we can communicate to Transportation) or if there is an expectation that Fiona will somehow process this incident. Can you clarify? I would assume that Ops already has process to report these types of incidents?

Thanks,  
Eric

---

From: Keating, Fiona  
Sent: Thursday, July 12, 2018 9:06 AM  
To: Mital, Eric  
Subject: Fwd: Alexander @ Main Incident

I have no idea how these usually get handled. Is this Risk Management?

Sent from my iPhone

Begin forwarded message:

**From:** "Hatton, Rommel"  
<[Rommel.Hatton@vancouver.ca](mailto:Rommel.Hatton@vancouver.ca)>  
**Date:** July 12, 2018 at 8:40:25 AM PDT  
**To:** "Keating, Fiona" <[Fiona.Keating@vancouver.ca](mailto:Fiona.Keating@vancouver.ca)>  
**Cc:** s.22(1)  
s.22(1) Traffic Operations  
<[traffic.operations@vancouver.ca](mailto:traffic.operations@vancouver.ca)>, "Elford, Dan"  
<[dan.elford@vancouver.ca](mailto:dan.elford@vancouver.ca)>  
**Subject:** FW: Alexander @ Main Incident

Good morning, Fiona.

Traffic Operations Crew #RP/MR (D1647) reports the following incident that occurred yesterday on The **Alexander Bikeway Capital Project**:

**Location**: 200 Blk Alexander @ the Lane East of Main

**Date/Time**: Wednesday, July 11th 2018 @ approximately 1:16pm

**Incident**: Citizen/operator of motor vehicle backed over one of the yellow IRS delineators that separates cyclist (east/west) movement adjacent gravity barriers

Traffic Operations Crew replaced damaged IRS delineator as it was deemed unsafe; IRS delineator was leaning into the cyclist travel lane.

**\*\*\*Please note attached photos for reference/info.\*\*\***

**\*\*\*Please escalate this concern as you deem suitable and/or appropriate**; additional labour and material costs were, subsequently, incurred due to incident.\*\*\*

Thank you.

RH

[Rommel.Hatton@Vancouver.ca](mailto:Rommel.Hatton@Vancouver.ca)

8-6779

-----Original Message-----

From: RH 11 s.22(1)

Sent: Wednesday, July 11, 2018 9:12 PM

To: Hatton, Rommel

Subject: Alexander @ Main Incident



<IMG\_7367.JPG>

<IMG\_7368.JPG>

<IMG\_7367.JPG>

<IMG\_7368.JPG>

From: [Gould, Brian](#)  
To: [Keating, Fiona](#)  
Subject: RE: Alexander @ Main Incident  
Date: Thursday, July 12, 2018 9:25:30 AM

---

Thanks, would help explain why they all still looked like new.

---

From: Keating, Fiona  
Sent: Thursday, July 12, 2018 9:24 AM  
To: Gould, Brian  
Subject: Fwd: Alexander @ Main Incident

Sent from my iPhone

Begin forwarded message:

**From:** "Hatton, Rommel" <[Rommel.Hatton@vancouver.ca](mailto:Rommel.Hatton@vancouver.ca)>  
**Date:** July 12, 2018 at 8:40:25 AM PDT  
**To:** "Keating, Fiona" <[Fiona.Keating@vancouver.ca](mailto:Fiona.Keating@vancouver.ca)>  
**Cc:** [s.22\(1\)](#) Traffic Operations <[traffic.operations@vancouver.ca](mailto:traffic.operations@vancouver.ca)>, "Elford, Dan" <[dan.elford@vancouver.ca](mailto:dan.elford@vancouver.ca)>  
**Subject:** FW: Alexander @ Main Incident

Good morning, Fiona.

Traffic Operations Crew #RP/MR (D1647) reports the following incident that occurred yesterday on The **Alexander Bikeway Capital Project**:

**Location:** 200 Blk Alexander @ the Lane East of Main  
**Date/Time:** Wednesday, July 11th 2018 @ approximately 1:16pm  
**Incident:** Citizen/operator of motor vehicle backed over one of the yellow IRS delineators that separates cyclist (east/west) movement adjacent gravity barriers

Traffic Operations Crew replaced damaged IRS delineator as it was deemed unsafe; IRS delineator was leaning into the cyclist travel lane.

**\*\*\*Please note attached photos for reference/info.\*\*\***

**\*\*\*Please escalate this concern as you deem suitable and/or appropriate;**  
additional labour and material costs were, subsequently, incurred due to incident.\*\*\*

Thank you.  
RH  
[Rommel.Hatton@Vancouver.ca](mailto:Rommel.Hatton@Vancouver.ca)  
8-6779

-----Original Message-----

From: RH 11 s.22(1)  
Sent: Wednesday, July 11, 2018 9:12 PM  
To: Hatton, Rommel  
Subject: Alexander @ Main Incident



From: [Gould, Brian](#)  
To: [Harvie, Taryn](#)  
Cc: [Bracewell, Dale](#); [Storer, Paul](#); [Magnusson, Rachel](#); [Bike Upgrades](#); [Gastown Streets](#); [Keating, Fiona](#)  
Subject: RE: Alexander Bikeway  
Date: Wednesday, August 08, 2018 2:13:44 PM

---

I had quite a long conversation, a quick summary for notes on the Alexander and Gastown projects as well as for Jerry:

- Overall, preferred the one-way westbound over eastbound
- Does not like the near 180 degree turn from Powell to Alexander, concern about visibility to crosswalk
- Does not like back-in angle parking, although this is from the perspective of someone cycling (which is actually who it's supposed to benefit)
- Does not like having to use Powell to access his driveway – would rather be inconvenienced when leaving home
- We discussed how the one-way change unlocked significant other changes at Maple Tree Square (squaring off corners, adding new crosswalk, simplifying motor vehicle flow) that wouldn't have otherwise been possible
- I explained that converting to parallel parking or adding a cul-de-sac on Alexander would require relocating curbs, heritage lamp standards, etc, and these questions are best answered through the Gastown process
- Generally agreed that two-way Columbia for the full length, Alexander allowing two-way motor vehicle traffic, parallel parking (on both sides?) and a cul-de-sac at the Water end could make the most sense as part of the overall Gastown planning exercise
- He wants to reach out to his neighbours and be involved in the Gastown process

---

From: Gould, Brian  
Sent: Wednesday, August 08, 2018 11:14 AM  
To: Harvie, Taryn; Keating, Fiona  
Cc: Bracewell, Dale; Storer, Paul  
Subject: RE: Alexander Bikeway

Some progress, in that we're now playing phone tag with each other. Will keep trying.

---

From: Harvie, Taryn  
Sent: Wednesday, August 08, 2018 9:34 AM  
To: Keating, Fiona; Gould, Brian  
Cc: Bracewell, Dale; Storer, Paul  
Subject: RE: Alexander Bikeway

Hi All,

Jerry is following up on this again and asked that we please try and connect with this resident this week. I will let him know that you've made attempts to contact him with no luck so far. If you do end up making contact, please circle back with me so I can let Jerry know the final result. If multiple attempts have been made and you can't get a hold of him by Friday, I can let Jerry know that as well.

Thanks for your efforts!

Taryn

---

From: Keating, Fiona  
Sent: Tuesday, August 07, 2018 8:03 AM  
To: Gould, Brian  
Cc: Harvie, Taryn; Bracewell, Dale; Storer, Paul  
Subject: RE: Alexander Bikeway

Hi Brian,

For you to follow up – I still never got a call back from s.22(1)  
s.22(3)(d) so best for continuity for you to check in at this point.

Thank you,  
Fiona

---

From: Keating, Fiona  
Sent: Thursday, August 02, 2018 11:27 AM  
To: Storer, Paul  
Cc: Harvie, Taryn; Bracewell, Dale  
Subject: RE: Alexander Bikeway

I've left a message for s.22(1)  
I will provide feedback when I connect.

Thank you,  
Fiona

---

From: Storer, Paul  
Sent: Thursday, August 02, 2018 10:37 AM  
To: Keating, Fiona  
Cc: Harvie, Taryn; Bracewell, Dale  
Subject: RE: Alexander Bikeway

Hi Fiona,

Can you connect and if it's about the design side, get Brian to get back to them next week?

Thanks,

Paul

---

From: Harvie, Taryn  
Sent: Thursday, August 2, 2018 9:37 AM  
To: Storer, Paul; Bracewell, Dale  
Subject: FW: Alexander Bikeway  
Importance: High

Hi both,

Could you please have someone call this resident back with regards to concerns about the Alexander Bikeway? Contact info below.

Please loop back with me once dealt with so that I can close the loop with Connie. Please keep in mind Jerry's direction to try and get back to residents in a 48hour window.

Thanks,  
Taryn

---

From: Pavone, Connie  
Sent: Thursday, August 02, 2018 9:35 AM  
To: Harvie, Taryn  
Subject: RE: Alexander Bikeway

Thanks so much Taryn.

It was in the email:

s.22(1)

A large rectangular grey box redacting the content of the email.

---

From: Harvie, Taryn  
Sent: Wednesday, August 01, 2018 4:09 PM  
To: Pavone, Connie  
Cc: Iradia, Benafsha  
Subject: RE: Alexander Bikeway

Hi Connie,

If you'd like to provide the contact info for the resident, and whatever other information you might have, I can forward to staff to respond. This would fall under Paul Storer's branch (Transportation Design), and either himself or one of his staff can respond to the resident.

Thanks!  
Taryn

---

From: Pavone, Connie  
Sent: Tuesday, July 31, 2018 4:32 PM  
To: Iradia, Benafsha  
Subject: Alexander Bikeway

Hi Benafsha,



Would you please connect me with whomever is responsible (working on) the Alexander St Bikeway? We received a call from a resident of Alexander St. who would like to discuss a few issues with the plan. Thanks!

**Connie Pavone**

**Executive Assistant to the Mayor's Chief of Staff**

**Mayor's Office / City of Vancouver**

**t. 604-873-7624**

[connie.pavone@vancouver.ca](mailto:connie.pavone@vancouver.ca)

From: [Elford, Dan](#)  
To: [Keating, Fiona](#)  
Cc: [Hatton, Rommel](#); [Mital, Eric](#); [Brown, Ken](#); [Magnusson, Rachel](#); [Gould, Brian](#); [Larijani, Alipasha](#)  
Subject: RE: Alexander STreet  
Date: Thursday, July 19, 2018 12:31:27 PM

---

The hanging baskets have been reinstalled .....The signs were disregarded due to their concerns about the signs being too low ..... as per request I have asked the crew to re install as per site instructions

DE

---

From: Keating, Fiona  
Sent: Thursday, July 19, 2018 11:11 AM  
To: Elford, Dan  
Cc: Traffic Operations; Hatton, Rommel; Mital, Eric; Brown, Ken; Magnusson, Rachel; Gould, Brian; Larijani, Alipasha  
Subject: FW: Alexander STreet  
Importance: High

Hi Dan,

This is in follow up to the Site Instruction that was disregarded for the installation of signs on Alexander.

Can you please respond? As per my email on Tuesday – this has to be rectified right away.

Please have a crew go to Alexander and reinstall the signs as per the Site Instruction ASAP.

Please confirm receipt of this instruction.

Fiona

---

From: Magnusson, Rachel  
Sent: Thursday, July 19, 2018 10:30 AM  
To: Keating, Fiona  
Cc: Gould, Brian  
Subject: RE: Alexander STreet

Hi Fiona – see below. Any update on when the planters can be put back? Any chance of today?!

Rachel

---

From: Leanne Sali [<mailto:gastownbis@gmail.com>] On Behalf Of Leanne Sali  
Sent: Thursday, July 19, 2018 10:01 AM  
To: Magnusson, Rachel; Clift, Justine; Gould, Brian; Bracewell, Dale; Krueger, Paul  
Subject: RE: Alexander STreet  
Importance: High

This is a follow up to your email from July 17<sup>th</sup> – it is the morning of July 19<sup>th</sup> - I received a voice message from a very nice gentleman at the traffic operations yard this morning expressing his concern over our baskets. He noted that 4 baskets are at his shop and he was concerned they would die as they were not being taken care of.

I followed Brian's instructions and removed the baskets we agreed on – I had our people removed them as they know how to handle them and where to put them and take care of them. The City ignored the arrangement we made and removed baskets, without our permission that should not have been removed. They took them away without telling us where they were taking them and they put up signs that according to our final arrangement should not have gone up. As per your email below, the tweaking hasn't happened, the City has not returned the baskets and it is now day three – they will not survive and I have no way of picking them up.

The City was in yesterday moving the bollards and is back again this morning. Once those bollards are moved around, I respectfully request that the City leave that square alone – please do not put anything in the square – no benches, not flower pots – do not add or replace or take away anything until you have had sign off from the BIA.

Regards,

Leanore Sali  
Gastown Business Improvement Society

---

**From:** Magnusson, Rachel <Rachel.Magnusson@vancouver.ca>  
**Sent:** July 17, 2018 3:25 PM  
**To:** Leanore Sali <info@gastown.org>  
**Subject:** planters

Hi Leanore,

s.22(1) and getting up to speed. It looks like our ops crew didn't quite get it right yesterday and brought your planters back to their building. Project delivery is working to get them back in place. Also, I was informed by project delivery that the signs aren't quite right either so they will be tweaking these. Apologies for all this!

Best,  
Rachel

**Rachel Magnusson**  
Engagement Lead  
Transportation Planning  
Engineering Services  
City of Vancouver

(604) 873 7215  
[rachel.magnusson@vancouver.ca](mailto:rachel.magnusson@vancouver.ca)



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From: [Gould, Brian](#)  
To: [Keating, Fiona](#); [Elford, Dan](#); [Larijani, Alipasha](#)  
Cc: [Traffic Operations](#); [Hatton, Rommel](#); [Mital, Eric](#); [Brown, Ken](#); [Magnusson, Rachel](#)  
Subject: RE: Alexander STreet  
Date: Thursday, July 19, 2018 11:22:38 AM  
Attachments: [ENG - TDE - 000 Block Alexander St Bikeway - Site Instruction Form 002 -....tr5](#)  
[ENG - TDE - Site Instruction Drawing - Install Relocate Remove Signs 000....tr5](#)

---

I think part of the issue is with regard to something at the bottom of the site instruction, that regulations for parking are intended to end up below the level of the planters, including the “back in only” – and the problem was compounded by those being fabricated at the same size as the 30kmh. They aren’t dimensioned on the sign plan, but are visibly narrower.

Alipasha, how does the site instruction interact with your Alexander sign plan revision at this point to avoid future problems?

---

From: Keating, Fiona  
Sent: Thursday, July 19, 2018 11:11 AM  
To: Elford, Dan  
Cc: Traffic Operations; Hatton, Rommel; Mital, Eric; Brown, Ken; Magnusson, Rachel; Gould, Brian; Larijani, Alipasha  
Subject: FW: Alexander STreet  
Importance: High

Hi Dan,

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Can you please respond? As per my email on Tuesday – this has to be rectified right away.

Please have a crew go to Alexander and reinstall the signs as per the Site Instruction ASAP.

Please confirm receipt of this instruction.

Fiona

---

From: Magnusson, Rachel  
Sent: Thursday, July 19, 2018 10:30 AM  
To: Keating, Fiona  
Cc: Gould, Brian  
Subject: RE: Alexander STreet

Hi Fiona – see below. Any update on when the planters can be put back? Any chance of today?!

Rachel

---

From: Leanore Sali [<mailto:gastownbis@gmail.com>] On Behalf Of Leanore Sali  
Sent: Thursday, July 19, 2018 10:01 AM  
To: Magnusson, Rachel; Clift, Justine; Gould, Brian; Bracewell, Dale; Krueger, Paul  
Subject: RE: Alexander STreet

Importance: High

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Gastown Business Improvement Society

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[rachel.magnusson@vancouver.ca](mailto:rachel.magnusson@vancouver.ca)



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From: [Gould, Brian](#)  
To: [Keating, Fiona](#)  
Cc: [Storer, Paul](#)  
Subject: RE: Alexander Sign Offs - PEP/Charter etc  
Date: Wednesday, August 08, 2018 9:46:01 AM

---

As discussed, signed on the understanding that Paul already reviewed and just hadn't signed.

---

From: Keating, Fiona  
Sent: Tuesday, August 07, 2018 2:32 PM  
To: Gould, Brian  
Subject: Alexander Sign Offs - PEP/Charter etc

Hi Brian,

**s.22(1)** can you please sign off on the charter and PEP. We did a review with him a while ago, but we didn't get around to the administrative parts of it. Just wanted to wrap things out before I go.

Let me know when you're available.

Thanks,

**Fiona Keating** P.Eng.  
*Project Manager*  
City of Vancouver | Streets & Electrical Design  
Tel: 604-326-4814 | Fax: 604-873-7212  
Email: [fiona.keating@vancouver.ca](mailto:fiona.keating@vancouver.ca)



From: [Keating, Fiona](#)  
To: [Elford, Dan](#); [Hatton, Rommel](#)  
Cc: [Sibley, Marc](#)  
Subject: RE: Alexander Signs  
Date: Friday, June 22, 2018 2:53:00 PM  
Attachments: [ENG - TDE - Form 1 – InstallRelocateRemove Signs 100-700 Block Alexander....tr5](#)

---

Hi Dan,

[Link to the latest Form 1 attached \(DOC/2018/262464\).](#)

Fiona

---

From: Elford, Dan  
Sent: Friday, June 22, 2018 2:52 PM  
To: Keating, Fiona; Hatton, Rommel  
Cc: Sibley, Marc  
Subject: RE: Alexander Signs

Could you forward a new sign inventory  
thx

---

From: Keating, Fiona  
Sent: Friday, June 22, 2018 2:12 PM  
To: Hatton, Rommel; Elford, Dan  
Cc: Sibley, Marc  
Subject: Alexander Signs

Hi Crew,

Some things to update you on.

1. Hawks and Powell:
  - a. Curbs and gutter are poured – you should be good to go for painting lines on the road
  - b. We'll need those object markers in. All the new sleeves were installed.
  - c. They are paving the bike lane on Tuesday.
2. Alexander and Columbia:
  - a. Concrete crew is going to start installing the twinkie islands just west of Columbia on Tuesday June 26 . There are object markers for these (they will have to consider WB one way traffic only and then be switched when the traffic switch happens)
3. Gravity barrier install:
  - a. I've attached a photo of the CLB and CBN's that they're going to be using for the Main/Alexander road closure. I hope that'll help with figuring out which saddle posts to use?
  - b. I've attached the interim sign plan for this install (I attached the revisions too – there's a new sign plan).
  - c. I have to book Eaglewest for this work – when are you available to do the signs and the bollards? I'll book them to match your schedule.

I'm sure you have questions or comments – so give me a shout and we can chat.

Thanks,

**Fiona Keating** P.Eng.  
*Project Manager*  
City of Vancouver | Streets & Electrical Design  
Tel: 604-326-4814 | Fax: 604-873-7212  
Email: [fiona.keating@vancouver.ca](mailto:fiona.keating@vancouver.ca)

From: [Keating, Fiona](#)  
To: [Traffic Operations](#)  
Cc: [Hatton, Rommel](#); [Elford, Dan](#)  
Subject: RE: Alexander Signs  
Date: Monday, June 25, 2018 11:01:00 AM

---

Hi Cliona,

Can you please have a work order number created for the object markers and paint for Hawks and Powell and Alexander and Columbia?

As per my convo with RH we'll have to get this work completed this week.

The WBS is CER-00216-NN-04-BB.

Thanks,  
Fiona

---

From: Keating, Fiona  
Sent: Friday, June 22, 2018 2:12 PM  
To: Hatton, Rommel; Elford, Dan  
Cc: Sibley, Marc  
Subject: Alexander Signs

Hi Crew,

Some things to update you on.

1. Hawks and Powell:
  - a. Curbs and gutter are poured – you should be good to go for painting lines on the road
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I'm sure you have questions or comments – so give me a shout and we can chat.

Thanks,

**Fiona Keating** P.Eng.  
*Project Manager*  
**City of Vancouver | Streets & Electrical Design**  
Tel: 604-326-4814 | Fax: 604-873-7212  
Email: [fiona.keating@vancouver.ca](mailto:fiona.keating@vancouver.ca)

From: [Gould, Brian](#)  
To: [Keating, Fiona](#)  
Cc: [Storer, Paul](#)  
Subject: RE: Alexander Street Bikeway  
Date: Monday, March 12, 2018 10:49:07 AM

---

1. Hawks
  - a. I have the revision sealed at my desk. For completeness, I'm still planning to give Paul a chance to see and sign, should be to you and Hydro this afternoon to action.
2. Main Street approved geometric
  - a. No stopping anytime. We identified the necessary parking regulations before the sign plan to help understand the implications, but for construction those make little difference.
  - b. We have the flexible barrier in storage and around the 6<sup>th</sup> if you'd like to see it; it's a new product and before it hit the port we don't think it had ever been to this continent, we can't get a successful test with Fire and otherwise in time we will proceed with the yellow IRS bollards and it might be good to reserve them. Interpret the drawing as yellow IRS bollards until or unless proven otherwise by Transportation.
3. Maple Tree Square
  - a. Great, thanks.
  - b. We are hung up again on the BIA regarding details, but to reiterate my earlier comments:
    - It's not possible to relocate the crosswalk west of the grates as this would be in line with the north leg of Carrall and not with Alexander
    - The exact location of the crosswalk in its easterly spot is mostly inconsequential for whether people walking would cross over the grates – they'll be on the "wrong" side from Gassy Jack – and we can only look at straightening it a bit. If we do, however, we'll just be encouraging people walking into the same space we expect most of the bikes to be even though it won't be marked as a bike path.

---

From: Keating, Fiona  
Sent: Monday, March 12, 2018 10:18 AM  
To: Gould, Brian  
Cc: Storer, Paul  
Subject: RE: Alexander Street Bikeway

Hi Brian,

Just want to see how the project is progressing and ask some questions.

1. Hawks
  - a. Any resolution with BC Hydro? Any work near the tracks will require CP to sign off on as well.
2. Main Street approved geometric
  - a. What does "NSAT" stand for?

- b. The call out for IRS vs Flexible Barrier – who owns this decision?
- 3. Maple Tree Square
  - a. I've sent a follow up email to Kevin Priest to find out about the bollard prototyping. Hopefully hear about that soon.
  - b. Were you able to relocate the crosswalk so we avoid having pedestrians crossing over the CB grates?

Thank you,

**Fiona Keating** P.Eng.  
*Project Manager*  
**City of Vancouver | Streets & Electrical Design**  
Tel: 604-326-4814 | Fax: 604-873-7212  
Email: [fiona.keating@vancouver.ca](mailto:fiona.keating@vancouver.ca)

---

From: Gould, Brian  
Sent: Wednesday, March 07, 2018 12:13 PM  
To: Lewis, Toby; Keating, Fiona  
Subject: RE: Alexander Street Bikeway

Hi Toby,

A few updates on various subjects:

- The geometric for Main (2014-87) is Director approved and can be “officially” used in the electrical design now
- The geometric for Hawks (2017-160) will have a minor revision imminently north of the driveway to accommodate BC Hydro requirements (i.e. not affecting traffic signal, but maybe street lighting decisions)
- I gather we are close to approving the northern block of two-way Columbia, could you please estimate ballpark cost for the Columbia/Powell signal (and particularly expected contribution from TDE as Paul is sensitive to cost)?

---

From: Lewis, Toby  
Sent: Friday, February 16, 2018 3:30 PM  
To: Keating, Fiona  
Cc: Gould, Brian; Storer, Paul  
Subject: RE: Alexander Street Bikeway

Hi Fiona

These are all preliminary. Arun was just assigned to review.

Work would have to be coordinated with the rest of the project. Main requirement would be Columbia two-way: All the signal equipment would need to be in place and energized in coordination with the new paint plan.

Re: budget – that would be something Brian and Paul need to comment on.

---

From: Keating, Fiona  
Sent: Friday, February 16, 2018 2:56 PM  
To: Lewis, Toby  
Subject: FW: Alexander Street Bikeway

Hi Toby,

Just want to clarify – these are just preliminary drawings correct?  
What is the expectation for construction completion?

We didn't budget for any signal work at Hawks and Main, and I'd have to review the capacity of our crews.

Thanks!  
Fiona

---

From: Epa, Duminda  
Sent: Friday, February 16, 2018 2:08 PM  
To: Kumar, Arun  
Cc: Lewis, Toby; Keating, Fiona  
Subject: FW: Alexander Street Bikeway

Arun  
Please review,  
Duminda

---

From: Lewis, Toby  
Sent: Tuesday, February 13, 2018 11:29 AM  
To: Epa, Duminda  
Cc: Keating, Fiona  
Subject: Alexander Street Bikeway

Hi Duminda

Please assign a designer to review the attached base plans and let us know who it is.

They are required as part of the Alexander Street Bikeway project that is being delivered in May

Fiona – Is Streets paving Columbia? Or paint changes only.

Thanks.

Toby

**Toby Lewis, Eng.L.**

City of Vancouver | Engineering  
Traffic & Data Management Branch

507 W Broadway | Vancouver, BC V5Z 0B4  
tel: 604.873.7342 | Fax: 604.873.7212  
e-mail: [toby.lewis@vancouver.ca](mailto:toby.lewis@vancouver.ca)



From: [King, Randy](#)  
To: [Keating, Fiona](#)  
Subject: RE: Alexander Street Bikeway  
Date: Thursday, May 03, 2018 12:55:56 PM  
Attachments: [image001.png](#)  
[image002.png](#)  
[image003.png](#)

---

Done.

- 2018 Active Transp Corridors - Cap	CER-00216
- Alexander St Bikeway	CER-00216-NN
▶ 1.0 Internal Crews	CER-00216-NN-01
▶ 2.0 External Consultant	CER-00216-NN-02
* 3.0 Miscellaneous Soft	CER-00216-NN-03
- 4.0 Internal Crews	CER-00216-NN-04
* Streets Ops	CER-00216-NN-04-AA
▶ Traffic Ops	CER-00216-NN-04-BB
* Electrical Ops	CER-00216-NN-04-CC
* Sewer Ops	CER-00216-NN-04-DD
▶ Water Ops	CER-00216-NN-04-EE
- Streets Maintenance	CER-00216-NN-04-FF
▶ Maple Tree Square	CER-00216-NN-04-FF-01
* 5.0 External Contractor	CER-00216-NN-05
▶ 6.0 Miscellaneous Hard	CER-00216-NN-06

---

From: Keating, Fiona  
Sent: Wednesday, May 02, 2018 9:10 AM  
To: King, Randy  
Subject: RE: Alexander Street Bikeway

Hi Randy,

Can you please add:

4.0 Internal Crews  
- Streets Maintenance  
  - Maple Tree Square

Thank you,  
Fiona

---

From: King, Randy  
Sent: Tuesday, April 17, 2018 11:37 AM  
To: Lewis, Toby; Keating, Fiona; Wong, Winnie; Kumar, Arun  
Cc: Gould, Brian  
Subject: RE: Alexander Street Bikeway

Toby, Fiona,

Here is the revised WBS structure.

- Alexander St Bikeway	CER-00216-NN
▶ 1.0 Internal Crews	CER-00216-NN-01
▶ 2.0 External Consultant	CER-00216-NN-02
▶ 3.0 Miscellaneous Soft	CER-00216-NN-03
- 4.0 Internal Crews	CER-00216-NN-04
▶ Streets Ops	CER-00216-NN-04-AA
▶ Traffic Ops	CER-00216-NN-04-BB
▶ Electrical Ops	CER-00216-NN-04-CC
▶ Hawk & Powell	CER-00216-NN-04-CC-01
▶ Main & Alexander	CER-00216-NN-04-CC-02
▶ Columbia & Powell	CER-00216-NN-04-CC-03
▶ Sewer Ops	CER-00216-NN-04-DD
▶ Water Ops	CER-00216-NN-04-EE
▶ 5.0 External Contractor	CER-00216-NN-05
▶ 6.0 Miscellaneous Hard	CER-00216-NN-06

---

From: Lewis, Toby  
Sent: Monday, April 16, 2018 7:42 AM  
To: Keating, Fiona; Wong, Winnie; Kumar, Arun  
Cc: King, Randy; Gould, Brian  
Subject: RE: Alexander Street Bikeway

There are 3 separate locations.

I recommend we ask Randy to create sub WBS's for each signal to track electrical appropriately:

- Hawks/Powell
- Main/Alexander
- Columbia/Powell

---

From: Keating, Fiona  
Sent: Monday, April 16, 2018 7:36 AM  
To: Lewis, Toby; Wong, Winnie; Kumar, Arun  
Subject: RE: Alexander Street Bikeway

Hi All,

Brian sent me this one:

2018 Active Transp Corridors - Cap	CER-00216
- Alexander St Bikeway	CER-00216-NN
▶ 1.0 Internal Crews	CER-00216-NN-01
▶ 2.0 External Consultant	CER-00216-NN-02
▶ 3.0 Miscellaneous Soft	CER-00216-NN-03
▶ 4.0 Internal Crews	CER-00216-NN-04
▶ Streets Ops	CER-00216-NN-04-AA
▶ Traffic Ops	CER-00216-NN-04-BB
▶ Electrical Ops	CER-00216-NN-04-CC
▶ Sewer Ops	CER-00216-NN-04-DD
▶ Water Ops	CER-00216-NN-04-EE
▶ 5.0 External Contractor	CER-00216-NN-05
▶ 6.0 Miscellaneous Hard	CER-00216-NN-06

Thanks,  
Fiona

---

From: Lewis, Toby  
Sent: Friday, April 13, 2018 6:15 PM  
To: Wong, Winnie; Kumar, Arun  
Cc: Keating, Fiona  
Subject: Re: Alexander Street Bikeway

Fiona is the pm and should have accounts

Sent from mobile

On Fri, Apr 13, 2018 at 6:03 PM -0700, "Wong, Winnie" <[Winnie.Wong@vancouver.ca](mailto:Winnie.Wong@vancouver.ca)> wrote:

Toby,

Since this is funded by TDE, are WBS set up already?

Arun,

Do you have the cost estimate for each of these intersections?

Thanks,

Winnie

---

From: Kumar, Arun  
Sent: Tuesday, April 10, 2018 12:49 PM  
To: Wong, Winnie  
Subject: FW: Alexander Street Bikeway

Hi Winnie,

Do we have a WBS# for this project?

Arun Kumar

Electrical Design

Streets & Electrical Design Branch, City of Vancouver

P: 604.871.6823 | E: [arun.kumar@vancouver.ca](mailto:arun.kumar@vancouver.ca)

---

From: Lewis, Toby

Sent: Tuesday, April 10, 2018 6:12 AM

To: Gould, Brian; Kumar, Arun

Cc: Archide, Ron; Pulgar, Armando; Mutti, Arvind; Keating, Fiona

Subject: Re: Alexander Street Bikeway

Got it. Not an add to scope, simply the scope.

Arun will look at replacing the pole like-for like. May require a new base

Sent from mobile

On Wed, Apr 4, 2018 at 5:11 PM -0700, "Gould, Brian" <[Brian.Gould@vancouver.ca](mailto:Brian.Gould@vancouver.ca)> wrote:

Sorry, the telephone game completely garbled things, see attached. This new NB secondary is a TDM add to scope?

---

From: Lewis, Toby

Sent: Wednesday, April 04, 2018 4:04 PM

To: Gould, Brian; Kumar, Arun

Cc: Archide, Ron; Pulgar, Armando; Mutti, Arvind; Keating, Fiona

Subject: Re: Alexander Street Bikeway

Which pole is this?

Sent from mobile

On Wed, Apr 4, 2018 at 3:28 PM -0700, "Gould, Brian" <[Brian.Gould@vancouver.ca](mailto:Brian.Gould@vancouver.ca)> wrote:

Hi Arun,

I gather the structural requirements to add overhead require replacing a pole and base at Powell and Columbia, and that it might lose some "heritage" feel, though this is coming to me at least third-hand now via the Gastown Transportation Planning team. I would strongly suggest we work this out together before (and hopefully to avoid) contacting the BIA. Is it an issue of the aesthetics of the new pole, an inability to have the old-timey light fixtures when replaced, or both?

Thanks,  
Brian

---

From: Lewis, Toby  
Sent: Wednesday, March 07, 2018 3:55 PM  
To: Gould, Brian; Keating, Fiona  
Cc: Kumar, Arun; Archide, Ron; Pulgar, Armando; Mutti, Arvind  
Subject: RE: Alexander Street Bikeway

See below

---

From: Gould, Brian  
Sent: Wednesday, March 07, 2018 12:13 PM  
To: Lewis, Toby; Keating, Fiona  
Subject: RE: Alexander Street Bikeway

Hi Toby,

A few updates on various subjects:

- The geometric for Main (2014-87) is Director approved and can be “officially” used in the electrical design now OK
- The geometric for Hawks (2017-160) will have a minor revision imminently north of the driveway to accommodate BC Hydro requirements (i.e. not affecting traffic signal, but maybe street lighting decisions) OK
- I gather we are close to approving the northern block of two-way Columbia, could you please estimate ballpark cost for the Columbia/Powell signal (and particularly expected contribution from TDE as Paul is sensitive to cost)? 100% TDE. Ballpark \$25k

---

From: Lewis, Toby  
Sent: Friday, February 16, 2018 3:30 PM  
To: Keating, Fiona  
Cc: Gould, Brian; Storer, Paul  
Subject: RE: Alexander Street Bikeway

Hi Fiona

These are all preliminary. Arun was just assigned to review.

Work would have to be coordinated with the rest of the project. Main requirement would be Columbia two-way: All the signal equipment would need to be in place and energized in coordination with the new paint plan.

Re: budget – that would be something Brian and Paul need to comment on.

---

From: Keating, Fiona  
Sent: Friday, February 16, 2018 2:56 PM  
To: Lewis, Toby  
Subject: FW: Alexander Street Bikeway

Hi Toby,

Just want to clarify – these are just preliminary drawings correct?  
What is the expectation for construction completion?

We didn't budget for any signal work at Hawks and Main, and I'd have to review the capacity of our crews.

Thanks!

Fiona

---

From: Epa, Duminda  
Sent: Friday, February 16, 2018 2:08 PM  
To: Kumar, Arun  
Cc: Lewis, Toby; Keating, Fiona  
Subject: FW: Alexander Street Bikeway

Arun

Please review,  
Duminda

---

From: Lewis, Toby  
Sent: Tuesday, February 13, 2018 11:29 AM  
To: Epa, Duminda  
Cc: Keating, Fiona  
Subject: Alexander Street Bikeway

Hi Duminda

Please assign a designer to review the attached base plans and let us know who it is.

They are required as part of the Alexander Street Bikeway project that is being delivered in May

Fiona – Is Streets paving Columbia? Or paint changes only.

Thanks.

Toby

**Toby Lewis, Eng.L.**

City of Vancouver | Engineering  
Traffic & Data Management Branch  
507 W Broadway | Vancouver, BC V5Z 0B4  
tel: 604.873.7342 | Fax: 604.873.7212  
e-mail: [toby.lewis@vancouver.ca](mailto:toby.lewis@vancouver.ca)

From: [Gould, Brian](#)  
To: [Lewis, Toby](#); [Kumar, Arun](#)  
Cc: [Archide, Ron](#); [Pulgar, Armando](#); [Mutti, Arvind](#); [Keating, Fiona](#)  
Subject: RE: Alexander Street Bikeway  
Date: Wednesday, April 04, 2018 5:11:17 PM  
Attachments: [FW Upcoming intersection upgrade at Columbia and Powell.msg](#)

---

Sorry, the telephone game completely garbled things, see attached. This new NB secondary is a TDM add to scope?

---

From: Lewis, Toby  
Sent: Wednesday, April 04, 2018 4:04 PM  
To: Gould, Brian; Kumar, Arun  
Cc: Archide, Ron; Pulgar, Armando; Mutti, Arvind; Keating, Fiona  
Subject: Re: Alexander Street Bikeway

Which pole is this?

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Thanks,  
Brian

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From: Lewis, Toby  
Sent: Wednesday, March 07, 2018 3:55 PM  
To: Gould, Brian; Keating, Fiona  
Cc: Kumar, Arun; Archide, Ron; Pulgar, Armando; Mutti, Arvind  
Subject: RE: Alexander Street Bikeway

[See below](#)

---

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Sent: Wednesday, March 07, 2018 12:13 PM  
To: Lewis, Toby; Keating, Fiona  
Subject: RE: Alexander Street Bikeway

Hi Toby,

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- The geometric for Main (2014-87) is Director approved and can be “officially” used in the electrical design now OK
- The geometric for Hawks (2017-160) will have a minor revision imminently north of the driveway to accommodate BC Hydro requirements (i.e. not affecting traffic signal, but maybe street lighting decisions) OK
- I gather we are close to approving the northern block of two-way Columbia, could you please estimate ballpark cost for the Columbia/Powell signal (and particularly expected contribution from TDE as Paul is sensitive to cost)? 100% TDE. Ballpark \$25k

---

From: Lewis, Toby  
Sent: Friday, February 16, 2018 3:30 PM  
To: Keating, Fiona  
Cc: Gould, Brian; Storer, Paul  
Subject: RE: Alexander Street Bikeway

Hi Fiona

These are all preliminary. Arun was just assigned to review.

Work would have to be coordinated with the rest of the project. Main requirement would be Columbia two-way: All the signal equipment would need to be in place and energized in coordination with the new paint plan.

Re: budget – that would be something Brian and Paul need to comment on.

---

From: Keating, Fiona  
Sent: Friday, February 16, 2018 2:56 PM  
To: Lewis, Toby  
Subject: FW: Alexander Street Bikeway

Hi Toby,

Just want to clarify – these are just preliminary drawings correct?  
What is the expectation for construction completion?

We didn't budget for any signal work at Hawks and Main, and I'd have to review the capacity of our crews.

Thanks!  
Fiona

---

From: Epa, Duminda  
Sent: Friday, February 16, 2018 2:08 PM  
To: Kumar, Arun  
Cc: Lewis, Toby; Keating, Fiona  
Subject: FW: Alexander Street Bikeway



Arun  
Please review,  
Duminda

---

From: Lewis, Toby  
Sent: Tuesday, February 13, 2018 11:29 AM  
To: Epa, Duminda  
Cc: Keating, Fiona  
Subject: Alexander Street Bikeway

Hi Duminda

Please assign a designer to review the attached base plans and let us know who it is.

They are required as part of the Alexander Street Bikeway project that is being delivered in May

Fiona – Is Streets paving Columbia? Or paint changes only.

Thanks.

Toby

**Toby Lewis, Eng.L.**

City of Vancouver | Engineering  
Traffic & Data Management Branch  
507 W Broadway | Vancouver, BC V5Z 0B4  
tel: 604.873.7342 | Fax: 604.873.7212  
e-mail: [toby.lewis@vancouver.ca](mailto:toby.lewis@vancouver.ca)

From: [Kumar, Arun](#)  
To: [Keating, Fiona](#)  
Subject: RE: Alexander WBS  
Date: Wednesday, April 11, 2018 9:31:50 AM  
Attachments: [image001.png](#)

---

Hi Fiona,  
Estimate for Alexander Street Project:-

Columbia and Powell - \$45,000  
Hawks and Powell - \$55,000  
Main and Alexander - \$50,000

Estimate consists of 20% Contingency and only include electrical work and sidewalk restoration (only portion which is impacted due to electrical work)

Thanks,  
Arun Kumar  
Electrical Design  
Streets & Electrical Design Branch, City of Vancouver  
P: 604.871.6823 | E: [arun.kumar@vancouver.ca](mailto:arun.kumar@vancouver.ca)

---

From: Keating, Fiona  
Sent: Wednesday, April 11, 2018 8:26 AM  
To: Kumar, Arun  
Subject: RE: Alexander WBS

Yes please!

---

From: Kumar, Arun  
Sent: Wednesday, April 11, 2018 8:25 AM  
To: Keating, Fiona  
Subject: RE: Alexander WBS

Not yet, I can prepare it if you require.

Arun Kumar  
Electrical Design  
Streets & Electrical Design Branch, City of Vancouver  
P: 604.871.6823 | E: [arun.kumar@vancouver.ca](mailto:arun.kumar@vancouver.ca)

---

From: Keating, Fiona  
Sent: Wednesday, April 11, 2018 8:24 AM  
To: Kumar, Arun  
Subject: RE: Alexander WBS

Do you actually have an estimate for the electrical at Main/Alexander and Hawks/Powell too?

---

From: Kumar, Arun  
Sent: Wednesday, April 11, 2018 8:09 AM  
To: Keating, Fiona  
Subject: RE: Alexander WBS

Hi Fiona,

What's the budget we have for Powell and Columbia intersection. I am just curious because we have to replace 2 decorative type poles and fixtures along with new bases and its estimate is around 26,000.

Arun Kumar  
Electrical Design  
Streets & Electrical Design Branch, City of Vancouver  
P: 604.871.6823 | E: [arun.kumar@vancouver.ca](mailto:arun.kumar@vancouver.ca)

---

From: Keating, Fiona  
Sent: Tuesday, April 10, 2018 3:03 PM  
To: Kumar, Arun  
Subject: RE: Alexander WBS

Drawing Package deadline is April 27

---

From: Kumar, Arun  
Sent: Tuesday, April 10, 2018 2:54 PM  
To: Keating, Fiona  
Subject: RE: Alexander WBS

Thanks Fiona.

Arun Kumar  
Electrical Design  
Streets & Electrical Design Branch, City of Vancouver  
P: 604.871.6823 | E: [arun.kumar@vancouver.ca](mailto:arun.kumar@vancouver.ca)

---

From: Keating, Fiona  
Sent: Tuesday, April 10, 2018 2:53 PM  
To: Kumar, Arun  
Cc: Chan, Phillip  
Subject: Alexander WBS

Hi Arun,

Here is the WBS I received for Alexander Bikeway.

2018 Active Transp Corridors - Cap	CER-00216
- Alexander St Bikeway	CER-00216-NN
▶ 1.0 Internal Crews	CER-00216-NN-01
▶ 2.0 External Consultant	CER-00216-NN-02
▶ 3.0 Miscellaneous Soft	CER-00216-NN-03
▶ 4.0 Internal Crews	CER-00216-NN-04
▶ Streets Ops	CER-00216-NN-04-AA
▶ Traffic Ops	CER-00216-NN-04-BB
▶ Electrical Ops	CER-00216-NN-04-CC
▶ Sewer Ops	CER-00216-NN-04-DD
▶ Water Ops	CER-00216-NN-04-EE
▶ 5.0 External Contractor	CER-00216-NN-05
▶ 6.0 Miscellaneous Hard	CER-00216-NN-06

Thanks,

**Fiona Keating** P.Eng.  
*Project Manager*  
City of Vancouver | Streets & Electrical Design  
Tel: 604-326-4814 | Fax: 604-873-7212  
Email: [fiona.keating@vancouver.ca](mailto:fiona.keating@vancouver.ca)

From: [Liaw, Alex](#)  
To: [Keating, Fiona](#)  
Cc: [Storer, Paul](#)  
Subject: RE: Alexander and Cambie form 1s  
Date: Monday, May 14, 2018 10:00:56 AM  
Attachments: [Columbia 2-way Conversion.tr5](#)  
[Maple Tree Square Drawings.tr5](#)  
[Alexander&Main, Powell&Hawks Drawings.tr5](#)  
[ENG - TDE - Form 1 - Install Relocate Remove Signs 100-700 Block Alexand....docx](#)  
[ENG - TDE - OQM - Form 1 - 2017-59 Maple Tree Square Sign Plan - 2018-05....docx](#)

---

Attaching all approved form 1s and drawings for Alexander, Powell/Hawks and Columbia.

The form 1s for Alexander and Maple Tree Square have a security setting that prevents you (and me) from seeing it. I've asked Dylan for a supercopy but will get Ryan to update tomorrow and send to everyone.

Actual drawings can be found at the links below. Let me know if you need maple tree square drawings today. They haven't been uploaded to ENGIS yet and I rather Ryan do it tomorrow so I don't give you the wrong drawing (lots of CAD files in our folder). If you need it today, I'll go in and compare everything before uploading.

Columbia 2-way Conversion

[http://vanmap.vancouver.ca/engis/index.cfm?  
fuseaction=COORDDESIGN.DesignProject\\_EditForm&ENG\\_PROJECT\\_ID='\\_GCWJNU'](http://vanmap.vancouver.ca/engis/index.cfm?fuseaction=COORDDESIGN.DesignProject_EditForm&ENG_PROJECT_ID='_GCWJNU')

Alexander/Main and overall Alexander Sign Plan

[http://vanmap.vancouver.ca/engis/index.cfm?  
fuseaction=COORDDESIGN.DesignProject\\_EditForm&ENG\\_PROJECT\\_ID='\\_G9KQQ6'](http://vanmap.vancouver.ca/engis/index.cfm?fuseaction=COORDDESIGN.DesignProject_EditForm&ENG_PROJECT_ID='_G9KQQ6')

Powell/Hawks Geometric & Paint (2017-160)

[http://vanmap.vancouver.ca/engis/index.cfm?  
fuseaction=COORDDESIGN.DesignProject\\_EditForm&ENG\\_PROJECT\\_ID='\\_GBZCDH'](http://vanmap.vancouver.ca/engis/index.cfm?fuseaction=COORDDESIGN.DesignProject_EditForm&ENG_PROJECT_ID='_GBZCDH')

Cheers,

Alex

---

From: Keating, Fiona  
Sent: Friday, May 11, 2018 6:17 PM  
To: Storer, Paul  
Cc: Liaw, Alex  
Subject: RE: Alexander and Cambie form 1s

I think I found it.

Thanks,

Fiona

---

From: Storer, Paul  
Sent: Friday, May 11, 2018 6:02 PM  
To: Keating, Fiona

Cc: Liaw, Alex  
Subject: Re: Alexander and Cambie form 1s

If you do I'll email it over.

On May 11, 2018, at 6:01 PM, Storer, Paul <[paul.storer@vancouver.ca](mailto:paul.storer@vancouver.ca)> wrote:

Do you need it today? Can Alex get it to you Monday?

On May 11, 2018, at 5:32 PM, Keating, Fiona <[Fiona.Keating@vancouver.ca](mailto:Fiona.Keating@vancouver.ca)> wrote:

Hi Paul,

How can I get the actual sign/paint plan? I need a copy for survey...

Thanks,  
Fiona

---

From: Storer, Paul  
Sent: Friday, May 11, 2018 4:44 PM  
To: Keating, Fiona; Liaw, Alex; Gould, Brian; Dawson, Kayla  
Subject: Alexander and Cambie form 1s

FYI - both Alexander and Cambie Br form 1s are approved by Director.

Alex – can you move them ahead to next steps?

Thanks!

Paul

**Paul Storer P.Eng.**  
Manager of Transportation Design | City of Vancouver  
p: 604 873 7693  
m: **s.15(1)(l)**  
[paul.storer@vancouver.ca](mailto:paul.storer@vancouver.ca)

From: [Liaw, Alex](#)  
To: [Keating, Fiona](#)  
Cc: [Gould, Brian](#)  
Subject: RE: Alexander and Cambie form 1s  
Date: Monday, May 14, 2018 3:56:34 PM

---

The spacing is roughly 0.5m on centre. Took each length of the "T\_Paint\_White\_dot\_pr" segments, divided by 0.5 and added 1. Should need **455 dura discs**.

Alex

---

From: Keating, Fiona  
Sent: Monday, May 14, 2018 10:47 AM  
To: Liaw, Alex  
Subject: RE: Alexander and Cambie form 1s

Hi Alex,

Can you please the spacing of the dura discs (the dots) for maple tree square?

And can you please do a quick quantity take off for us? I need to send to Traffic Ops to order ASAP. It's a custom item.

Thanks,  
Fiona

---

From: Liaw, Alex  
Sent: Monday, May 14, 2018 10:38 AM  
To: Keating, Fiona  
Subject: RE: Alexander and Cambie form 1s

Maple tree square can be found here:  
[http://vanmap.vancouver.ca/engis/index.cfm?fuseaction=COORDDESIGN.DesignProject\\_EditForm&ENG\\_PROJECT\\_ID=' G8ZG9W'](http://vanmap.vancouver.ca/engis/index.cfm?fuseaction=COORDDESIGN.DesignProject_EditForm&ENG_PROJECT_ID=' G8ZG9W')

I'll ask Ryan to formally send the approved form 1s to you and ops tomorrow.

Cheers,  
Alex

---

From: Liaw, Alex  
Sent: Monday, May 14, 2018 10:01 AM  
To: Keating, Fiona  
Cc: Storer, Paul  
Subject: RE: Alexander and Cambie form 1s

Attaching all approved form 1s and drawings for Alexander, Powell/Hawks and Columbia.

The form 1s for Alexander and Maple Tree Square have a security setting that prevents you (and me) from seeing it. I've asked Dylan for a supercopy but will get Ryan to update tomorrow and send to everyone.

Actual drawings can be found at the links below. Let me know if you need maple tree square drawings today. They haven't been uploaded to ENGIS yet and I rather Ryan do it tomorrow so I don't give you the wrong drawing (lots of CAD files in our folder). If you need it today, I'll go in and compare everything before uploading.

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[http://vanmap.vancouver.ca/engis/index.cfm?  
fuseaction=COORDDESIGN.DesignProject\\_EditForm&ENG\\_PROJECT\\_ID='\\_\\_GCWJNU'](http://vanmap.vancouver.ca/engis/index.cfm?fuseaction=COORDDESIGN.DesignProject_EditForm&ENG_PROJECT_ID='__GCWJNU')

Alexander/Main and overall Alexander Sign Plan

[http://vanmap.vancouver.ca/engis/index.cfm?  
fuseaction=COORDDESIGN.DesignProject\\_EditForm&ENG\\_PROJECT\\_ID='\\_\\_G9KQQ6'](http://vanmap.vancouver.ca/engis/index.cfm?fuseaction=COORDDESIGN.DesignProject_EditForm&ENG_PROJECT_ID='__G9KQQ6')

Powell/Hawks Geometric & Paint (2017-160)

[http://vanmap.vancouver.ca/engis/index.cfm?  
fuseaction=COORDDESIGN.DesignProject\\_EditForm&ENG\\_PROJECT\\_ID='\\_\\_GBZCDH'](http://vanmap.vancouver.ca/engis/index.cfm?fuseaction=COORDDESIGN.DesignProject_EditForm&ENG_PROJECT_ID='__GBZCDH')

Cheers,  
Alex

---

From: Keating, Fiona  
Sent: Friday, May 11, 2018 6:17 PM  
To: Storer, Paul  
Cc: Liaw, Alex  
Subject: RE: Alexander and Cambie form 1s

I think I found it.

Thanks,  
Fiona

---

From: Storer, Paul  
Sent: Friday, May 11, 2018 6:02 PM  
To: Keating, Fiona  
Cc: Liaw, Alex  
Subject: Re: Alexander and Cambie form 1s

If you do I'll email it over.

On May 11, 2018, at 6:01 PM, Storer, Paul <[paul.storer@vancouver.ca](mailto:paul.storer@vancouver.ca)> wrote:

Do you need it today? Can Alex get it to you Monday?

On May 11, 2018, at 5:32 PM, Keating, Fiona <[Fiona.Keating@vancouver.ca](mailto:Fiona.Keating@vancouver.ca)> wrote:

Hi Paul,

How can I get the actual sign/paint plan? I need a copy for survey...



Thanks,  
Fiona

---

From: Storer, Paul  
Sent: Friday, May 11, 2018 4:44 PM  
To: Keating, Fiona; Liaw, Alex; Gould, Brian; Dawson, Kayla  
Subject: Alexander and Cambie form 1s

FYI - both Alexander and Cambie Br form 1s are approved by Director.

Alex – can you move them ahead to next steps?

Thanks!

Paul

**Paul Storer P.Eng.**  
Manager of Transportation Design | City of Vancouver  
p: 604 873 7693  
m: s.15(1)(l)  
[paul.storer@vancouver.ca](mailto:paul.storer@vancouver.ca)

From: [Keating, Fiona](#)  
To: [Traffic Operations](#)  
Subject: RE: Alexander and Main - CLB/CBN install  
Date: Tuesday, June 26, 2018 11:16:00 AM

---

Hi Oliver,

[DOC/2018/262464](#)

Thanks!  
Fiona

---

From: Traffic Operations  
Sent: Tuesday, June 26, 2018 9:44 AM  
To: Keating, Fiona  
Subject: FW: Alexander and Main - CLB/CBN install

Morning,  
Can you confirm the latest DWG DOC # for the map for these object markers?

Thanks,  
**Oliver Thomas**  
Streets, Traffic & Electrical Operations | National Yard  
City of Vancouver | 604-871-6768

---

From: Keating, Fiona  
Sent: Monday, June 25, 2018 1:38 PM  
To: Hatton, Rommel; Elford, Dan  
Cc: Traffic Operations  
Subject: FW: Alexander and Main - CLB/CBN install

Hi Rommel,

As per our convo, please book a crew to be available on July 10 at Alexander/Main to install signs to facilitate the closure of the road. The concrete barriers are to be installed by Eaglewest. They plan to be on site by 9:30AM.

Thanks,  
Fiona

---

From: Tricia Spenst [<mailto:tspenst@eaglewestcranes.com>]  
Sent: Monday, June 25, 2018 1:30 PM  
To: Keating, Fiona  
Cc: Daryl Wiebe  
Subject: RE: Alexander and Main - CLB/CBN install

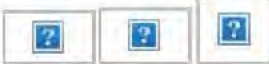
Thanks Fiona,

I've got this booked for July 10<sup>th</sup> picking up at the Glen Drive yard at 8am.

Thank you,  
Tricia

Tricia Spenst  
Operations & Sales Administrator  
800-667-2215

Eagle West Crane & Rigging ☐ ☐ ☐



---

**From:** Keating, Fiona [mailto:Fiona.Keating@vancouver.ca]  
**Sent:** June-25-18 1:25 PM  
**To:** Tricia Spenst <tspenst@eaglewestcranes.com>  
**Cc:** Daryl Wiebe <dwiebe@eaglewestcranes.com>  
**Subject:** RE: Alexander and Main - CLB/CBN install

Hi Tricia,

In order to be on site for the drop off at 9:30AM, I'm assuming they would need to be at our yard for around 8:00AM for pick up? Our yard is at Glen Drive.

I was there last week and unfortunately a good chunk of them are graffiti'd so we'll have to move some to get to the clean ones. Did the driver need me to be at the pick up point to pass those instructions along?

PO#: you can quote CERD79425

Fiona Keating

604-353-0276 or 604-326-4814

I will be the site contact.

Thank you,

**Fiona Keating** P.Eng.  
*Project Manager*  
City of Vancouver | Streets & Electrical Design  
Tel: 604-326-4814 | Fax: 604-873-7212  
Email: [fiona.keating@vancouver.ca](mailto:fiona.keating@vancouver.ca)

From: Daryl Wiebe  
To: [Keating, Fiona](#)  
Cc: [Tricia Spenst](#)  
Subject: RE: Alexander and Main - CLB/CBN install  
Date: Friday, June 22, 2018 8:45:03 PM

---

Hi Fiona,

Please see the below additional costs:

- Traffic Control (2 flaggers & truck) - \$150.00/hour (6 hour minimum)
- Traffic Management Plan - \$500.00
- Lane Closure Permit - \$250.00 (if parking meters are required, additional charges will apply)

Our crane is \$125.00/hour for an estimated 5 hours (actual times will be billed). You will need to supply a groundman (We can supply for an additional \$85.00/hour) and direction for barrier placement.

Taxes extra

Based on regular business hours

Subject to City approval

As per you Invoicing requirements, we require a PO, full name of contact, their department and phone number. We cannot start the TMP or application process until we receive those. Lane closure permit will take 1-2 weeks from submission date.

I'm away next week, but please respond to Tricia (cc'd on this email) and she can assist you while I'm away.

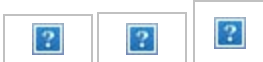
Thanks,

Daryl Wiebe

Technical Service Representative

778-808-5272 ☐

Eagle West Cranes & Precast ☐ ☐ ☐



---

**From:** Keating, Fiona [mailto:Fiona.Keating@vancouver.ca]

**Sent:** Thursday, June 21, 2018 2:56 PM

**To:** Daryl Wiebe <dwiebe@eaglewestcranes.com>

**Cc:** Tricia Spenst <tspenst@eaglewestcranes.com>

**Subject:** RE: Alexander and Main - CLB/CBN install

Hi Daryl,

I'd need you to take care of all the road closures/TCP/TMP/permits like last time.  
I would also need to schedule my Traffic Ops to be able to align with you so they can install signage.

I'm working on getting their schedule soon too.

Thanks!

Fiona

---

From: Daryl Wiebe [<mailto:dwiebe@eaglewestcranes.com>]  
Sent: Wednesday, June 20, 2018 1:51 PM  
To: Keating, Fiona  
Cc: Tricia Spenst  
Subject: RE: Alexander and Main - CLB/CBN install

Hi Fiona,

Our crane to pick-up and install 3 CLBs and 2 CBN is \$125.50/hour plus tax, based on regular business hours. I would estimate a total of 5 hours. Are you provide the road closure and traffic control?

One of our cranes should be available next week.

Thanks,

Daryl Wiebe  
Technical Service Representative  
778-808-5272 ☐  
Eagle West Cranes & Precast ☐ ☐ ☐



---

**From:** Keating, Fiona [<mailto:Fiona.Keating@vancouver.ca>]  
**Sent:** Tuesday, June 19, 2018 3:18 PM  
**To:** Daryl Wiebe <[dwiebe@eaglewestcranes.com](mailto:dwiebe@eaglewestcranes.com)>  
**Subject:** Alexander and Main - CLB/CBN install

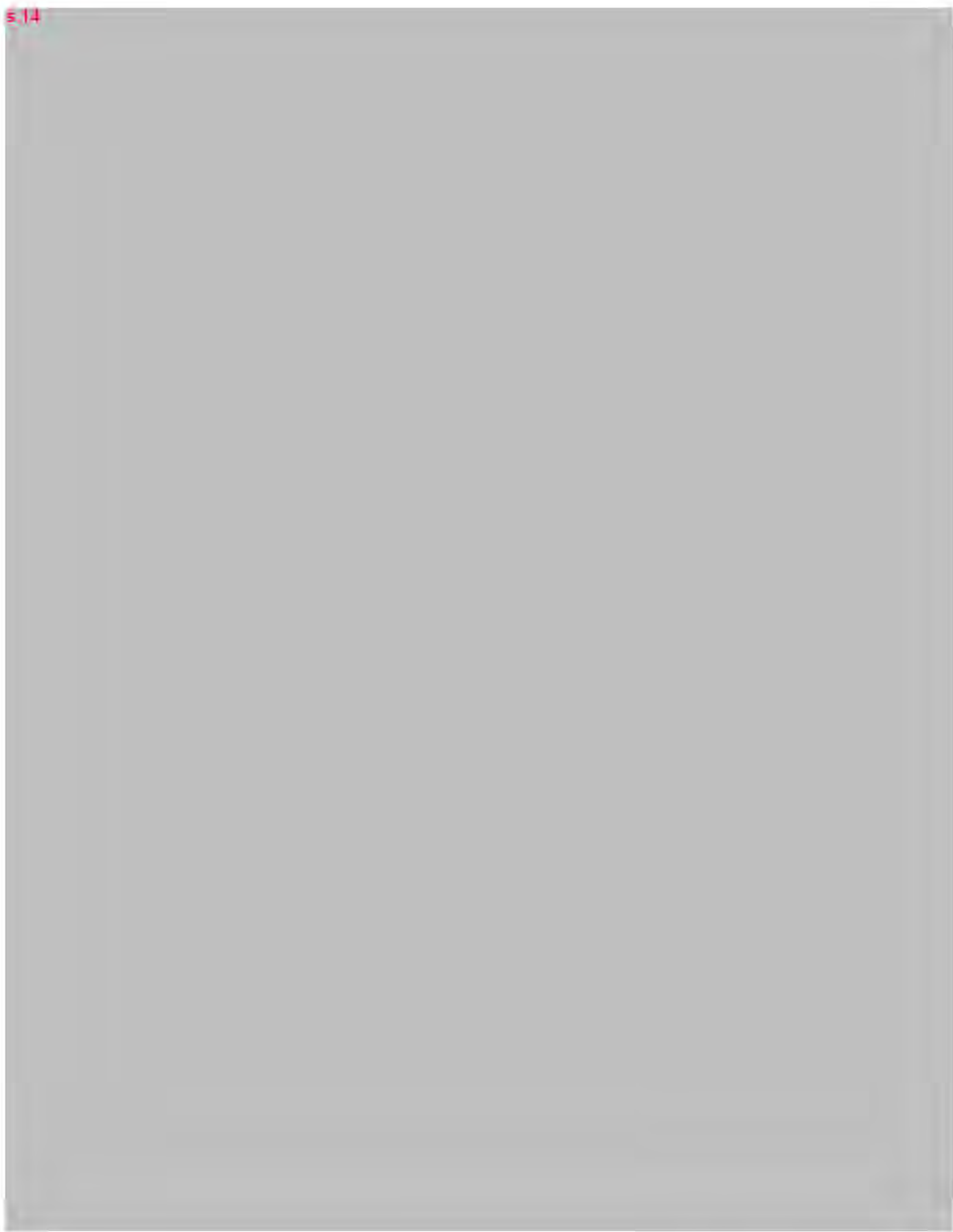
Hi Daryl,

I was hoping I could get a quote and schedule for pick up and install of 3-CLB's and 2-CBN's from Glen Drive to Alexander and Main.  
I've attached the drawing for your reference.

Thanks,

**Fiona Keating** P.Eng.  
*Project Manager*  
City of Vancouver | Streets & Electrical Design  
Tel: 604-326-4814 | Fax: 604-873-7212

Email: [fiona.keating@vancouver.ca](mailto:fiona.keating@vancouver.ca)



From: [Antoniazzi, Rob](#)  
To: [Keating, Fiona](#)  
Subject: RE: Alexander/Main  
Date: Wednesday, August 08, 2018 12:33:41 PM

---

Hi Fiona,

Electrical work on Alexander/ Main is currently on hold due to our pole installation truck in the shop for repairs. We hope to have it back in service next week.

If you have any other questions please don't hesitate and ask.

Thanks,  
Rob

Robert Antoniazzi  
Electrical Trade Supervisor  
City of Vancouver  
Engineering Services  
Streets Traffic electrical Operation BRANCH  
tel 604-871-6826  
Cel **s.15(1)(l)**  
fax 604-871-6290  
e-mail [rob.antoniazzi@vancouver.ca](mailto:rob.antoniazzi@vancouver.ca)

-----Original Message-----

From: Keating, Fiona  
Sent: Wednesday, August 08, 2018 10:40 AM  
To: Antoniazzi, Rob  
Subject: RE: Alexander/Main

Hi Rob,

Did we manage to get this one wrapped up?

Fiona

-----Original Message-----

From: Keating, Fiona  
Sent: Friday, July 27, 2018 12:47 PM  
To: Antoniazzi, Rob  
Subject: RE: Alexander/Main

Hi Rob,

Thanks for the update!

Fiona

-----Original Message-----

From: Antoniazzi, Rob  
Sent: Friday, July 27, 2018 11:36 AM



To: Keating, Fiona  
Subject: RE: Alexander/Main

Hi Fiona

The work has started and to date, the only work completed is on the northeast corner. Crews are not scheduled to return until later next week, but it's all hinged on getting our Traffic Signal pole truck back from the garage.

Thanks,  
Rob

-----Original Message-----

From: Keating, Fiona  
Sent: Friday, July 27, 2018 11:15 AM  
To: Antoniazzi, Rob  
Subject: FW: Alexander/Main

Hi Rob,

Hoping you can help provide an update for me [s.22\(1\)](#)

Thanks,  
Fiona

-----Original Message-----

From: Keating, Fiona  
Sent: Friday, July 27, 2018 10:42 AM  
To: Nilsson, Brad  
Subject: Alexander/Main

Hi Brad,

Just curious if the signal and push buttons at Alexander and Main are complete and if not, what your schedule is for this.

Thanks,  
Fiona

Sent from my iPhone

From: [O'Donnell, Ryan](#)  
To: [Keating, Fiona](#)  
Subject: RE: Approved: Form 1 100-700 Blk Alexander St Bikeway DOC/2018/206472  
Date: Wednesday, May 16, 2018 2:33:23 PM  
Attachments: [ENG - TDE - Approved Design Drawings - Alexander St Bikeway Sign & Paint Plan - 2014-87-E-SP-00\\_Scan - 2018-05-07.tr5](#)  
[2014-87-E-SP-00\\_All\\_Print.pdf](#)

---

Hi Fiona,

My apologies, please see attached.

Cheers.

Ryan O'Donnell

---

From: Keating, Fiona  
Sent: Wednesday, May 16, 2018 2:31 PM  
To: O'Donnell, Ryan  
Subject: RE: Approved: Form 1 100-700 Blk Alexander St Bikeway DOC/2018/206472

Hi Ryan,

Do you have the original sealed drawing for this one too? I never got it.

Thanks,  
Fioan

---

From: O'Donnell, Ryan  
Sent: Tuesday, May 15, 2018 11:50 AM  
To: Traffic Operations; Parking Operations - Maintenance; Streets Design  
Cc: Gould, Brian; Liaw, Alex; Larijani, Alipasha; Keating, Fiona; Brown, Patrick; Wong, Andy; Lee, Joyce (ENG); Mate, Tibor; Darwent, Christopher; Epa, Duminda  
Subject: Approved: Form 1 100-700 Blk Alexander St Bikeway DOC/2018/206472

Hello All,

Please accept this e-mail as notification of approval for Transportation project 2014-87 (Alexander St Corridor). The form 1 has been approved by Transportation.

Regards,

**Ryan O'Donnell**  
Geometric Designer

---

**Transportation Design**

City of Vancouver | Engineering Services  
507 West Broadway  
Vancouver, B.C. V5Z 0B4  
t: 604.326.4828  
f: 604.871 6192  
e: [Ryan.O'Donnell@vancouver.ca](mailto:Ryan.O'Donnell@vancouver.ca)

From: [Khayat, Jad](#)  
To: [Keating, Fiona](#)  
Cc: [Gould, Brian](#); [Clary, Joel](#)  
Subject: RE: Automated Bollards - Next Step  
Date: Monday, November 06, 2017 2:33:32 PM

---

Hi Fiona,

Thanks for this information. In the meantime in regards to an installation/operation video, let me know if this video meets the criteria for the 'operation' part. Thanks,

<https://www.youtube.com/watch?v=oghN2G4ZAHA>

**Jad Khayat**  
EA II | Transportation Design  
City of Vancouver  
[jad.khayat@vancouver.ca](mailto:jad.khayat@vancouver.ca)

---

From: Keating, Fiona  
Sent: Monday, November 06, 2017 8:18 AM  
To: Khayat, Jad  
Cc: Gould, Brian; Clary, Joel  
Subject: Automated Bollards - Next Step

Hi Jad,

Thanks for setting up the meeting with me on Friday and going over the Automated Bollard options.

I briefed our team and the next step would be for you to set up a meeting with Street Ops, Street and Electrical Design, and Transportation Design to discuss.

A lot of the questions I posed today can probably be clarified or better explored with the group that would actually be working closely with the Automated Bollards.

Summary of the things I believe need to be defined:

- a. Preferred access mechanism (RFID, keypad etc)
- b. Electric vs Hydraulic vs Pneumatic (Electric seems to be the winner)
- c. Who would be authorized users
- d. Administration and policing of access
- e. Coordination with existing traffic signals
- f. Signage and markings to be associated with this
- g. Emergency Vehicle access
- h. Overall intended look – visibility?
- i. Supplier availability - part availability and lead times
- j. Installation and Maintenance Training
- k. Maintenance costs and frequency

Is there a way to get a sample, or an installation/operation video from the supplier of interest?

I will contact Supply Chain to understand how the procurement process will work with this product in particular.

Thanks!

**Fiona Keating** P.Eng.  
*Project Manager*  
**City of Vancouver | Streets & Electrical Design**  
Tel: 604-326-4814 | Fax: 604-873-7212  
Email: [fiona.keating@vancouver.ca](mailto:fiona.keating@vancouver.ca)

From: [Antoniazzi, Rob](#)  
To: [Keating, Fiona](#); [Pulgar, Armando](#)  
Subject: RE: Closure of Westbound travel lane of 100 Alexander between Main St & Columbia St for Filming - Tuesday, August 14 11:00 to 23:00  
Date: Thursday, August 09, 2018 10:24:40 AM

---

Thank you, Fiona,

Armando,

Tuesday, August 14<sup>th</sup> do not schedule any crews to work or pole installation at Alexander & Main.

Thanks,  
Rob

---

From: Keating, Fiona  
Sent: Thursday, August 09, 2018 10:19 AM  
To: Antoniazzi, Rob  
Cc: Mendoza, Emma; Durnford, Jack; Lewis, Toby; Pulgar, Armando  
Subject: RE: Closure of Westbound travel lane of 100 Alexander between Main St & Columbia St for Filming - Tuesday, August 14 11:00 to 23:00

Yep. Just one day. It's only from 11 to 2:30 as well.

---

From: Antoniazzi, Rob  
Sent: Thursday, August 09, 2018 10:12 AM  
To: Keating, Fiona  
Cc: Mendoza, Emma; Durnford, Jack; Lewis, Toby; Pulgar, Armando  
Subject: RE: Closure of Westbound travel lane of 100 Alexander between Main St & Columbia St for Filming - Tuesday, August 14 11:00 to 23:00

Hi Fiona,

Just for the one day?

Rob

---

From: Keating, Fiona  
Sent: Thursday, August 09, 2018 10:11 AM  
To: Antoniazzi, Rob  
Cc: Mendoza, Emma; Durnford, Jack; Lewis, Toby  
Subject: RE: Closure of Westbound travel lane of 100 Alexander between Main St & Columbia St for Filming - Tuesday, August 14 11:00 to 23:00

Hi Rob,

Any concerns about not having access to Main/Alexander on August 14? There's a film event happening west of Main.

Fiona

---

From: Mendoza, Emma  
Sent: Thursday, August 09, 2018 9:56 AM  
To: Keating, Fiona  
Subject: FW: Closure of Westbound travel lane of 100 Alexander between Main St & Columbia St for Filming - Tuesday, August 14 11:00 to 23:00

Good morning Miss.

Any concern with this event on Alexander St? Please see attached.

Thanks  
Emma

---

From: Beaulieu, Angela  
Sent: Wednesday, August 08, 2018 6:58 PM  
To: Film and Special Event (FASE) Office Staff - DL  
Subject: Closure of Westbound travel lane of 100 Alexander between Main St & Columbia St for Filming - Tuesday, August 14 11:00 to 23:00

Please call me should you have any questions or concerns.

Kind regards,

**Angela Beaulieu**  
**Liaison | Film & Special Events**  
*Engineering Services | City of Vancouver*  
T. 604.873.7178 | F. 604.257.8859  
[angela.beaulieu@vancouver.ca](mailto:angela.beaulieu@vancouver.ca)



From: [Gould, Brian](#)  
To: [Lewis, Toby](#)  
Cc: [Keating, Fiona](#); [Epa, Duminda](#)  
Subject: RE: Emerging Alexander Scope  
Date: Thursday, November 02, 2017 4:42:45 PM

---

**Southbound signals for at least Columbia/Powell:** Preferably also Columbia/Cordova, Columbia/Hastings, Columbia/Pender, but existing conditions here are definitely a mixed bag

**NE Corner of Hawks/Powell:** Would be better to move poles out to the pedestrian refuges, but we can work around them being on the sidewalk if needed

s.15(1)(l)

s.15(1)(l)

(concept only)

**Main/Alexander EB Bike Button** (<https://goo.gl/maps/DY9kCpcJPCx>): Oddly shaped bulge means it's not a matter of adding to existing pole and locating new one might be challenging. Please advise if we need to change the shape of the bulge. **WB Bike Button** (<https://goo.gl/maps/sn8wexthE772>): This direction has a pole in roughly the right spot, but because this is the side with the closure we are looking to have the bikes ~3m south on the other side of a new concrete island. So again, new pole? Will supply drawing once we confirm automated bollard locations.

#### Other electrical:

- Overall street lighting review? Note that repaving has already occurred, so for the most of the length we'll just be issuing a sign/paint plan and haven't been expecting a significant lighting component
- Automated bollards east of Main likely to require a new service
- May want to relocate this street light on Hawks, but need to finalize geometric on survey <https://goo.gl/maps/Gs1gZahB5AL2>

---

From: Lewis, Toby  
Sent: Tuesday, October 31, 2017 12:23 PM  
To: Gould, Brian  
Subject: Re: Emerging Alexander Scope

Can you list which signals will be affected so we can start updating drawings

Sent from mobile

On Tue, Oct 31, 2017 at 10:19 AM -0700, "Gould, Brian" <[Brian.Gould@vancouver.ca](mailto:Brian.Gould@vancouver.ca)> wrote:

Sorry, I think we're actually good on survey. I had been seeing a gap along Hawks Ave, which is because we have previous pre-Powell Overpass survey. Mike K is officially assigned to the project now, and the first task will be to confirm whether we're good to work off a combination of the old

survey and recent design drawings. I would hope we have good records for geometric and 3D changes, but expect that we'll be rebuilding things to the extent that we are nearly "starting over."

Is that acceptable to Streets, especially given the timeline?

---

From: Clary, Joel  
Sent: Monday, October 30, 2017 4:01 PM  
To: Gould, Brian; Wong, Andy; Dobud, Mike  
Cc: Lewis, Toby; Keating, Fiona  
Subject: RE: Emerging Alexander Scope

Hi Brian,

Could you please resubmit the survey request. It doesn't seem to be in the queue. Based on our current construction schedule, we require a signed off geometric by mid-December (3 months before construction).

Let me know if you have any concerns.

Thanks,

Joel

---

From: Gould, Brian  
Sent: Monday, October 30, 2017 2:53 PM  
To: Clary, Joel; Wong, Andy  
Cc: Lewis, Toby; Keating, Fiona  
Subject: RE: Emerging Alexander Scope

We'll be reviewing things at design branch heads on Wednesday as well, and I'll look for leanings in advance of our Nov 21<sup>st</sup> open house to inform how far to push. I'm pretty sure we're going to need to grab survey along Hawks (not sure Alex got this request in), but it's not the greatest time to send them out. The remaining geometric work is very simple.

---

From: Clary, Joel  
Sent: Monday, October 30, 2017 2:47 PM  
To: Gould, Brian; Wong, Andy  
Cc: Lewis, Toby; Keating, Fiona  
Subject: RE: Emerging Alexander Scope

Hi Brian,

Thank you for the summary. When do you expect to have a completed geometric? Does this need to be completed by a certain time next year? I have it scheduled for mid-March to end of May, but I'm concerned this will be hard to meet if consultation won't be for a month.

Please note that Fiona will be the PM.



Thanks,

Joel

---

From: Gould, Brian  
Sent: Monday, October 23, 2017 4:10 PM  
To: Clary, Joel; Wong, Andy  
Cc: Lewis, Toby  
Subject: Emerging Alexander Scope

Hi all,

Ross suggested sending around likely scope for Alexander given the coordination meeting on Friday. Since it's such an odd package of work at this point and drawings will be better done when we're heading out for consultation in a month, here are the emerging highlights:

### **Overall**

Traffic Ops: Quite a bit, but mostly bike stencils, wayfinding, 30kmh, one stop sign rotation  
Streets: Thin lift overlay already complete

### **Carrall to Columbia**

Concrete crews: No scope expected

Other Streets: Further relocation of bollard-and-chain at Maple Tree Square, potentially some rubberized (see <https://gil.glasdon.com/highway-safety/bollards-posts-hazard-markers/victory-tm-bollard>)

Signal/Electrical: Southbound signals to convert at least northernmost block of Columbia to two-way traffic

### **East of Main**

Concrete crews: Approximately 3 small (a few sq m each) concrete islands

Other Streets: Require assistance with a first automated bollard installation in the city (e.g. <https://www.heald.uk.com/wp-content/uploads/2017/04/2017-Evo-Bollard-PDF.pdf>)

Signal/Electrical: Bicycle push buttons on Alexander at Main, see above automated bollards

### **Hawks**

Concrete crews: This is the significant scope item – relocate ~100m curb and gutter, install similar length of off-street bike path, rework driveways, possible corner buldge

Other Streets: Will require some 3D design

Signal/Electrical: Pole relocation (lighting, Hydro, possibly signal)

From: [Gould, Brian](#)  
To: [Keating, Fiona](#); [Storer, Paul](#); [Kenny, Ross](#)  
Cc: [Mital, Eric](#); [Magnusson, Rachel](#); [Tse, Vania \(cov\)](#)  
Subject: RE: s.22(1) Alexander closure  
Date: Thursday, July 12, 2018 9:20:51 AM

---

s.22(1) when I popped by to check on the planters, but I got a hold of s.22(1) by phone from site. s.22(1) actually was kind of confused that I was even calling: s.22(1) till isn't pumped about the project, but as of right now s.22(1) is mostly preoccupied being happy about all the parking we've stripped s.22(1) in the future. I tried to offer an on-site meeting, possibly with some of s.22(1) to see how they can maneuver, but s.22(1) didn't take me up on that. So I just told s.22(1) to contact me if the situation changes. Presumably we can juggle some things around with a crane truck if we absolutely have to.

Despite the number of people getting stuck with the Gastown Grand Prix on at rush hour yesterday when I was there, no evidence of erratic behaviour or honking and well over a dozen people turning around rather than blowing through the bollards (which still look new). I'm sure the bollards will be abused eventually, as would anyone in a vest, but considering this closure is 1/3 of a Point Grey Road I will consider us lucky (even as I'm sorry for what Fiona is having to deal with).

-----Original Message-----

From: Keating, Fiona  
Sent: Tuesday, July 10, 2018 3:01 PM  
To: Gould, Brian; Storer, Paul; Kenny, Ross  
Cc: Mital, Eric  
Subject: RE: s.22(1) - Alexander closure

They are in place and the road is closed.

I can tell you that most people don't love it. We've been yelled at and sworn at all day long... guaranteed those IRS bollards will be run over within the day.

-----Original Message-----

From: Gould, Brian  
Sent: Tuesday, July 10, 2018 2:50 PM  
To: Storer, Paul; Keating, Fiona; Kenny, Ross  
Cc: Mital, Eric  
Subject: RE: s.22(1) - Alexander closure

Hi Fiona,

I think I mostly understand how we got here, but could you confirm if the barriers are now in place? s.13(1)  
s.13(1)

-----Original Message-----

From: Storer, Paul  
Sent: Tuesday, July 10, 2018 12:53 PM  
To: Keating, Fiona; Kenny, Ross; Gould, Brian  
Cc: Mital, Eric  
Subject: RE: s.22(1) - Alexander closure

Brian, now that you're back, can you look into this and get in touch with s.22(1)

-----Original Message-----

From: Keating, Fiona  
Sent: Tuesday, July 10, 2018 12:44 PM  
To: Kenny, Ross

Cc: Storer, Paul; Mital, Eric  
Subject: **s.22(1)** - Alexander closure

Hi Ross,

Just chatting with **s.22(1)** and **s.22(1)** expressed **s.22(1)** was rather upset about the placement of the concrete barriers **s.22(1)** asked for an additional 5' of room past **s.22(1)** driveway but was told that couldn't be accommodated because of trucks needing room to turn on the other side.

The outline of the previous median design was a cause for contention because it shows that additional room east was achievable.

**s.22(1)** said **s.22(1)** poke to Rachel and was told that these barriers would be mountable... but they aren't.

Just a heads up.

The road is now closed.

Thanks,  
Fiona

Sent from my iPhone

From: [Nowak, Greg](#)  
To: [Keating, Fiona](#)  
Cc: [Plant, Sherwood](#); [Mendoza, Emma](#); [Clark, Rick](#)  
Subject: RE: July 10th - Alexander at Main - Closure  
Date: Monday, June 25, 2018 11:59:07 AM

---

Hi Fiona,

I don't see any conflict from my end

Can you please send me a copy of the design so I can get a grasp of what is going to look like. My apologies if you've sent it before

Also, can I get a confirmation once the road has officially been closed and we will let emergency services know

Thanks,

Greg

---

From: Keating, Fiona  
Sent: Monday, June 25, 2018 11:33 AM  
To: Nowak, Greg  
Cc: Plant, Sherwood; Mendoza, Emma; Clark, Rick  
Subject: July 10th - Alexander at Main - Closure

Hi Greg,

Scheduling for concrete barriers to be placed on site at Alexander, just east of Main for July 10<sup>th</sup>. I just want to confirm that this isn't in conflict with any other work. Work would start in the morning (aiming for 9:30AM) and would facilitate the full closure of Alexander as per the Alexander Bike Way project.

Traffic Ops is available to sign that day as well. Please let me know so I can book the necessary groups involved.

Thanks,

**Fiona Keating** P.Eng.  
*Project Manager*  
City of Vancouver | Streets & Electrical Design  
Tel: 604-326-4814 | Fax: 604-873-7212  
Email: [fiona.keating@vancouver.ca](mailto:fiona.keating@vancouver.ca)

From: [Chan, Phillip](#)  
To: [Keating, Fiona](#)  
Subject: RE: Main and Alexander - Estimate  
Date: Wednesday, April 11, 2018 2:03:31 PM

---

Hi Fiona,

Here's the high level estimate for Alexander and Main is **\$75,000**:

And includes the following assumptions:

- 50% contingency (for streets scope)
- Assume sidewalk where curb bulges out
- Provision for civil/electrical for 2 push button operators (2x\$15,000)
- Provision for traffic ops (stencils and bollards - \$15,000)

Cheers,

**Phil Chan**  
Engineering Project Coordinator  
Streets and Electrical Design, City of Vancouver

---

From: Keating, Fiona  
Sent: Wednesday, April 11, 2018 7:34 AM  
To: Chan, Phillip  
Subject: Main and Alexander - Estimate

Hi Phil,

Electrical design is starting on this stuff, but realized we don't have our own estimate for this location yet.

Sorry to dump another one on you. Can you please get me something today if possible?

Thank you,

**Fiona Keating** P.Eng.  
*Project Manager*  
City of Vancouver | Streets & Electrical Design  
Tel: 604-326-4814 | Fax: 604-873-7212  
Email: [fiona.keating@vancouver.ca](mailto:fiona.keating@vancouver.ca)



**From:** "Hatton, Rommel" <[Rommel.Hatton@vancouver.ca](mailto:Rommel.Hatton@vancouver.ca)>  
**Date:** July 12, 2018 at 8:40:25 AM PDT  
**To:** "Keating, Fiona" <[Fiona.Keating@vancouver.ca](mailto:Fiona.Keating@vancouver.ca)>  
**Cc:** s.22(1)  
 Traffic Operations <[traffic.operations@vancouver.ca](mailto:traffic.operations@vancouver.ca)>, "Elford, Dan" <[dan.elford@vancouver.ca](mailto:dan.elford@vancouver.ca)>  
**Subject:** FW: Alexander @ Main Incident

Good morning, Fiona.

Traffic Operations Crew #RP/MR (D1647) reports the following incident that occurred yesterday on The **Alexander Bikeway Capital Project**:

**Location:** 200 Blk Alexander @ the Lane East of Main  
**Date/Time:** Wednesday, July 11th 2018 @ approximately 1:16pm  
**Incident:** Citizen/operator of motor vehicle backed over one of the yellow IRS delineators that separates cyclist (east/west) movement adjacent gravity barriers

Traffic Operations Crew replaced damaged IRS delineator as it was deemed unsafe; IRS delineator was leaning into the cyclist travel lane.

**\*\*\*Please note attached photos for reference/info.\*\*\***

**\*\*\*Please escalate this concern as you deem suitable and/or appropriate;** additional labour and material costs were, subsequently, incurred due to incident.\*\*\*

Thank you.

RH

[Rommel.Hatton@Vancouver.ca](mailto:Rommel.Hatton@Vancouver.ca)

8-6779

-----Original Message-----

From: RH 11 s.22(1)  
Sent: Wednesday, July 11, 2018 9:12 PM  
To: Hatton, Rommel  
Subject: Alexander @ Main Incident





From: [Gradual Return to Work Operations Crew](#)  
To: [Keating, Fiona](#)  
Subject: Re: Alexander Street - Noise Variance Letter  
Date: Friday, July 13, 2018 2:02:44 PM

---

Letters where handed out.

Andrew Mckillop

Sub Foreman II  
Gradual Return to Work Crew

*Sent Via iPhone*

On Jul 13, 2018, at 10:49 AM, Keating, Fiona <[Fiona.Keating@vancouver.ca](mailto:Fiona.Keating@vancouver.ca)> wrote:

You're awesome! Thank you so much. I promise to get you more notice next time!!

---

From: Gradual Return to Work Operations Crew  
Sent: Friday, July 13, 2018 10:48 AM  
To: Keating, Fiona  
Subject: Re: Alexander Street - Noise Variance Letter

Will try our best I'll let you know if we complete.

Andrew Mckillop

Sub Foreman II  
Gradual Return to Work Crew

*Sent Via iPhone*

On Jul 13, 2018, at 10:32 AM, Keating, Fiona <[Fiona.Keating@vancouver.ca](mailto:Fiona.Keating@vancouver.ca)> wrote:

Hi All,

Sorry for the short notice! s.22(1) so this has slipped through the cracks. Any way we can get this one delivered this afternoon??  
It's a noise variance notification for Monday night.

It needs to go to all businesses/residences on either side of Alexander Street from Maple Tree Square to Columbia.

We are installing signs and changing the direction.

CERD79390

THANK YOU SO MUCH!

Fiona

<Alexander Bike Way - Notification Letter with Noise Variance -  
2018-07-13.docx>

From: [Keating, Fiona](#)  
To: [Durnford, Jack](#)  
Cc: [Clary, Joel](#); [Borger, Ron](#)  
Subject: Re: Dangerous Traffic Pattern Change - Alexander St  
Date: Monday, June 04, 2018 6:49:52 AM

---

It does not pertain to our section of work, you are good to go. I'm reviewing the interim sign plan with TDM right now. Hopefully have that for today so it can be implemented this week ahead of your work.

Sent from my iPhone

On Jun 4, 2018, at 6:48 AM, Durnford, Jack <[Jack.Durnford@vancouver.ca](mailto:Jack.Durnford@vancouver.ca)> wrote:

Hey Guys,

Not sure if you have seen this or if it refers to our portion of work. We are starting excavation on Saturday. Let us know if we need to wait.

Thanks,

---

From: Brown, Ken  
Sent: Friday, June 01, 2018 5:07 PM  
To: Durnford, Jack  
Cc: Scollard, Taryn; Mital, Eric  
Subject: FW: Dangerous Traffic Pattern Change - Alexander St

FYI

**Ken Brown**  
(office) 604.871.6770

---

From: [s.22\(1\)](#)  
Sent: Friday, June 01, 2018 3:54 PM  
To: Ball, Elizabeth; Affleck, George; Bremner, Hector; Carr, Adriane; De Genova, Melissa; Deal, Heather; Jang, Kerry; Louie, Raymond; Reimer, Andrea; Stevenson, Tim; Mayor and Council Correspondence; [sdarling@bcombudsperson.ca](mailto:sdarling@bcombudsperson.ca); Correspondence Group, City Clerk's Office; Burnett, Bernie; Brown, Ken  
Subject: Dangerous Traffic Pattern Change - Alexander St

Good afternoon,

I have grave concerns with a proposed traffic pattern change in Gastown, for the safety of pedestrian traffic both in planning and implementation. I have owned a business on the block in question for [s.22\(1\)](#) and am intimately familiar with both the current traffic pattern, as well as the proposed change to said pattern.

I have addressed this concern with the city Engineering department, which has fallen on deaf ears. I am very concerned that the traffic pattern change is misplanned, and is absolutely going to result in an increase in vehicle/pedestrian collisions in two major crosswalks.

Currently the city is planning on changing the direction of one-way traffic on Alexander St from westbound to eastbound, with the intention of driving traffic from westbound Powell St onto eastbound Alexander St.

This will result in traffic being required to make a 140 degree 'switchback' turn through 2 of the busiest pedestrian crosswalks in the neighbourhood. I have personally experienced and witnessed vehicle/pedestrian collisions in these crosswalks, and am very concerned for my own safety, the safety of my customers, and the safety of the residents of this neighbourhood.

In the beginning stages of the execution of this traffic pattern change, the city has changed the initial block of Columbia St from a 1-way to a 2-way street with no signage, traffic direction, or any other warning. I have witnessed multiple vehicles driving directly into oncoming traffic due to this "overnight" change with no warning.

The project has been mishandled and poorly executed by the Engineering Dept already creating a dangerous situation for Vancouver traffic, and I fully expect the city to be held liable for these decisions if not re-addressed.

Regards,

s.22(1)

A large grey rectangular box redacting the signature of the sender.

From: [Larijani, Alipasha](#)  
To: [Traffic Operations](#); [Elford, Dan](#)  
Cc: [Keating, Fiona](#); [Smith, Laura](#); [Wong, Winnie](#); [Gould, Brian](#)  
Subject: Revision 2: Alexander Bikeway Project Sign Plan (DOC/2018/303920)  
Date: Thursday, July 19, 2018 4:52:35 PM  
Attachments: [ENG - TDE - Form 1 – InstallRelocateRemove Signs 100-700 Block Alexander St Bikeway - 2018-05-07 \(2\).tr5](#)

---

Good afternoon Dan and Traffic Ops:

Revision 2 to the sign plan for the Alexander Bikeway Project has been approved. Please refer to the updated signs clouded in red in the revised sign plan drawing (**DOC/2018/303920**), Form 1 (DOC/2018/206472). Let us know if you have any questions.

Warm regards,

**Alipasha Larijani**

Traffic and Data Management Branch | Engineering Services | City of Vancouver  
320-507 West Broadway | Vancouver | BC | V5Z 0B4  
Tel: 604.871.6756 | Fax: 604.873.7212

From: [Veillard, Josh](#)  
To: [Plant, Sherwood](#); [Nowak, Greg](#); [Keating, Fiona](#)  
Subject: TMP Meeting Alexander Street, Gastown, Main Street, and Hawks Avenue - 2018/05/17  
Date: Thursday, May 17, 2018 1:56:35 PM  
Attachments: [ENG - SED - DC - Alexander Street - Gastown, Main Street, and Hawks Aven....tr5](#)

---

Hello

Please see attached for TMP Meeting for Alexander Street, Gastown, Main Street, and Hawks Avenue.

Thanks  
Josh

From: [Traffic Operations](#)  
To: [Hatton, Rommel](#)  
Cc: [Kennett, Brian](#); [Keating, Fiona](#); [Elford, Dan](#); [Larijani, Alipasha](#)  
Subject: WO#975004 // FW: Site Instruction for Tonight - 000 Alexander St Bikeway Signs  
Date: Monday, July 16, 2018 12:07:39 PM  
Attachments: [ENG - TDE - 000 Block Alexander St Bikeway - Site Instruction Form 002 -....tr5](#)  
[ENG - TDE - Site Instruction Drawing - Install Relocate Remove Signs 000....tr5](#)

---

Afternoon,

I will be down shortly the with attachments for the work requested.

Thank you,

**Alysha Bortolussi**

Streets, Traffic & Electrical Operations  
National Yard | 604-673-8334

---

From: Gould, Brian  
Sent: Monday, July 16, 2018 11:16 AM  
To: Traffic Operations  
Cc: Elford, Dan; Hatton, Rommel; Keating, Fiona; Larijani, Alipasha  
Subject: Site Instruction for Tonight - 000 Alexander St Bikeway Signs

Hi,

Please find attached a site instruction to address conflicts with vegetation that Dan noted in the field. We'd appreciate your help and confirmation getting this to the right folks scheduled on this for tonight.

Thanks,  
Brian

**Brian Gould, MCP, P.Eng.**  
Senior Transportation Design Engineer  
City of Vancouver  
*tel* 604.871.6277  
*e-mail* [brian.gould@vancouver.ca](mailto:brian.gould@vancouver.ca)







**From:** "Wong, Andy" <andy.wong@vancouver.ca>  
**To:** "O'Donnell, Ryan" <ryan.o'donnell@vancouver.ca>  
**CC:** "Gould, Brian" <brian.gould@vancouver.ca>  
"Mate, Tibor" <tibor.mate@vancouver.ca>  
**Date:** 2/2/2018 1:56:00 PM  
**Subject:** RE: 2014-87 Cast in Place Concrete Median Offsets from Existing Gutterline

---

Hi Ryan,

I confirmed with our concrete superintendent. They do not need an offset for formwork as they will brace the form against the curb. Therefore, the offset can be 410mm (the width of a gutter pan), away from the existing gutter line.

Hope this helps.

Regards,  
Andy

---

**From:** O'Donnell, Ryan  
**Sent:** Friday, February 02, 2018 9:59 AM  
**To:** Wong, Andy  
**Cc:** Gould, Brian; Mate, Tibor  
**Subject:** 2014-87 Cast in Place Concrete Median Offsets from Existing Gutterline

Hi Andy,

As discussed, we are proposing cast in place concrete median islands on Alexander St btw Gore & Main St (see attached). Currently, we are proposing them to be offset 410mm (width of gutter pan) for existing gutter line. Would these be constructable up against the gutter pan lip? Or would crews require additional offset for their concrete forms? I'm suspecting the latter and typically we would provide a minimum of 350mm for form work, which would indicate that at minimum 760mm off existing gutterline. Please advise as to what would be an agreeable offset to construct these medians. Much appreciated.

Regards,  
**Ryan O'Donnell**  
Geometric Designer

**From:** "Kenny, Ross" <Ross.Kenny@vancouver.ca>  
**To:** "Keating, Fiona" <Fiona.Keating@vancouver.ca>  
**CC:** "O'Donnell, Ryan" <Ryan.O'Donnell@vancouver.ca>  
"Wong, Andy" <Andy.Wong@vancouver.ca>  
**Date:** 6/7/2018 9:45:59 AM  
**Subject:** Re: Alexander Bikeway - Main, Island Location at Film Studio  
**Attachments:** image001.png

---

Hi Fiona,

I'm going to follow up with Brian and Alex to see if they looked into this. The island is pushed so far to the west so that a semi truck can pull up and back up into the driveway on the south side of Alexander east of the closure.

I understand that Brian had met with everyone down here so hopefully the design is ok as is.

Ross

On Jun 7, 2018, at 8:32 AM, Keating, Fiona <Fiona.Keating@vancouver.ca> wrote:

Hi Ross,

Our surveyor laid out the original island and he expressed concern over the location. He said he observed the film trucks loading at the film studio and that the location of the island would interfere with their movements.

The survey doesn't show the driveway – but I've copied a photo of the location. Can we bring the concrete back a bit to provide additional room for a large truck?

Thanks,  
Fiona

---

From: Wong, Andy  
Sent: Thursday, June 07, 2018 8:28 AM  
To: Keating, Fiona  
Subject: Alexander Bikeway

Hey Fiona,

The western extent of the north cast-in-place median is in the same location. See screenshot below, might be worth a conversation with Ross to relocate it a bit further east?

<image001.png>

<Alexander and Main - Film Studio Entrance.jpg>

**From:** "Diaz Haro, Jesus" <Jesus.DiazHaro@vancouver.ca>  
**To:** "Wong, Andy" <Andy.Wong@vancouver.ca>  
**Date:** 3/27/2018 2:46:45 PM  
**Subject:** RE: Alexander Street Design (173072, 143224, 143225)

---

Thanks a lot, Andy

No problem at all. I'm pretty much caught up with BGs. I hope to focus in Alexander hundred percent from tomorrow on. So far, I am fine with the workload.

Let me know if you need anything.

Jesus

---

**From:** Wong, Andy  
**Sent:** Tuesday, March 27, 2018 2:36 PM  
**To:** Diaz Haro, Jesus  
**Subject:** RE: Alexander Street Design (173072, 143224, 143225)

Hi Jesus,

Thanks for designing the CB location at the Hawks and Powell intersection s.22(1) s.22(1) As per the design schedule, we should be starting the design for Alexander Street this week. All of the geometrics are now saved in the folders in the email below. Please let me know if you have any questions or concerns.

PS: How are you doing with the building grades? Are they mostly caught up? If not, we can focus on the BGs first. Let me know if it would be beneficial to have a discussion on workload. I'm planning on holding a design meeting when everyone is back from vacation.

Thanks,  
Andy

---

**From:** Wong, Andy  
**Sent:** Monday, March 12, 2018 5:49 PM  
**To:** Diaz Haro, Jesus  
**Subject:** Alexander Street Design (173072, 143224, 143225)

Hi Jesus,

The Alexander Street project is separated into two distinct sections:

1. Gore Street to Carrall Street (143224 and 143225). I saved the approved and final geometric in the two file folders:

s.15(1)(l)

2. Hawks Ave and Powell Street (173072). The survey is actually incomplete. I've asked Marius to add survey data from 133044 into 173072. The geometric is also undergoing a few changes and is not final. Therefore, I've saved a copy of the preliminary geometric in the working folder below (for your information only):

s.15(1)(l)

Please review and let me know if you have any questions, comments or concerns.

Thanks,  
Andy



**From:** "Wong, Andy" <andy.wong@vancouver.ca>  
**To:** "Campbell, Gerri" <gerri.campbell@vancouver.ca>  
**Date:** 4/17/2018 5:47:37 PM  
**Subject:** RE: Alexander Street Design (173072, 143224, 143225)

---

Hi Gerri,

May you please start the construction drawings for Part 1 of the Alexander Street Project from Gore Street to Carrall Street. The 3D design and geometric is saved in the two project folders below.

s.15(1)(l)

Since most of the project involves paint, concrete barriers, and cast-in-place medians, I don't believe Jesus had any design component for drawing 143224 so not all of the geometric design was brought into our surveys. May you please review the geometric and ensure all of the information is copied into the IFCs.

This project does not have any coordinators. Please send the IFCs to Fiona Keating for review when complete.

I've asked Jesus to send you Part 2 once he completes the design. He's estimating to finish at the end of the week.

Thanks Gerri. s.22(1)

Regards,  
Andy

---

**From:** Wong, Andy  
**Sent:** Monday, March 12, 2018 5:49 PM  
**To:** Diaz Haro, Jesus  
**Subject:** Alexander Street Design (173072, 143224, 143225)

Hi Jesus,

The Alexander Street project is separated into two distinct sections:

1. Gore Street to Carrall Street (143224 and 143225). I saved the approved and final geometric in the two file folders:

s.15(1)(l)

2. Hawks Ave and Powell Street (173072). The survey is actually incomplete. I've asked Marius to add survey data from 133044 into 173072. The geometric is also undergoing a few changes and is not final. Therefore, I've saved a copy of the preliminary geometric in the working folder below (for your information only):

Please review and let me know if you have any questions, comments or concerns.

Thanks,  
Andy

**From:** "O'Donnell, Ryan" <Ryan.O'Donnell@vancouver.ca>  
**To:** "Traffic Operations" <traffic.operations@vancouver.ca>  
"Parking Operations - Maintenance" s.15(1)(l)  
"Streets Design" <Streets.Design@vancouver.ca>  
"Elford, Dan" <dan.elford@vancouver.ca>  
**CC:** "Gould, Brian" <Brian.Gould@vancouver.ca>  
"Liaw, Alex" <Alex.Liaw@vancouver.ca>  
"Larijani, Alipasha" <Alipasha.Larijani@vancouver.ca>  
"Keating, Fiona" <Fiona.Keating@vancouver.ca>  
"Brown, Patrick" <patrick.brown@vancouver.ca>  
"Wong, Andy" <Andy.Wong@vancouver.ca>  
"Lee, Joyce \ (ENG\)" <joyce.w.lee@vancouver.ca>  
"Mate, Tibor" <tibor.mate@vancouver.ca>  
"Darwent, Christopher" <Christopher.Darwent@vancouver.ca>  
"Epa, Duminda" <Duminda.Epa@vancouver.ca>  
"Kenny, Ross" <Ross.Kenny@vancouver.ca>  
**Date:** 6/15/2018 9:53:25 AM  
**Subject:** RE: Approved: Form 1 100-700 Blk Alexander St Bikeway DOC/2018/206472  
**Attachments:** ENG - TDE - Form 1 – InstallRelocateRemove Signs 100-700 Block Alexander St Bikeway - 2018-05-07.tr5

---

Hi Folks,

Please accept this e-mail as notification of approval of a minor revision to the sign & paint plan for project 2014-87 Alexander Bikeway. Attached is a reference to the Form 1 and associated documents. Reference Vandocs document #:DOC/2018/262464 for the revised sign & paint plan drawing.

Ryan O'Donnell

---

From: O'Donnell, Ryan  
Sent: Tuesday, May 15, 2018 11:50 AM  
To: Traffic Operations; Parking Operations - Maintenance; Streets Design  
Cc: Gould, Brian; Liaw, Alex; Larijani, Alipasha; Keating, Fiona; Brown, Patrick; Wong, Andy; Lee, Joyce (ENG); Mate, Tibor; Darwent, Christopher; Epa, Duminda  
Subject: Approved: Form 1 100-700 Blk Alexander St Bikeway DOC/2018/206472

Hello All,

Please accept this e-mail as notification of approval for Transportation project 2014-87 (Alexander St Corridor). The form 1 has been approved by Transportation.



Regards,  
**Ryan O'Donnell**  
Geometric Designer

---

Transportation Design

City of Vancouver | Engineering Services

507 West Broadway

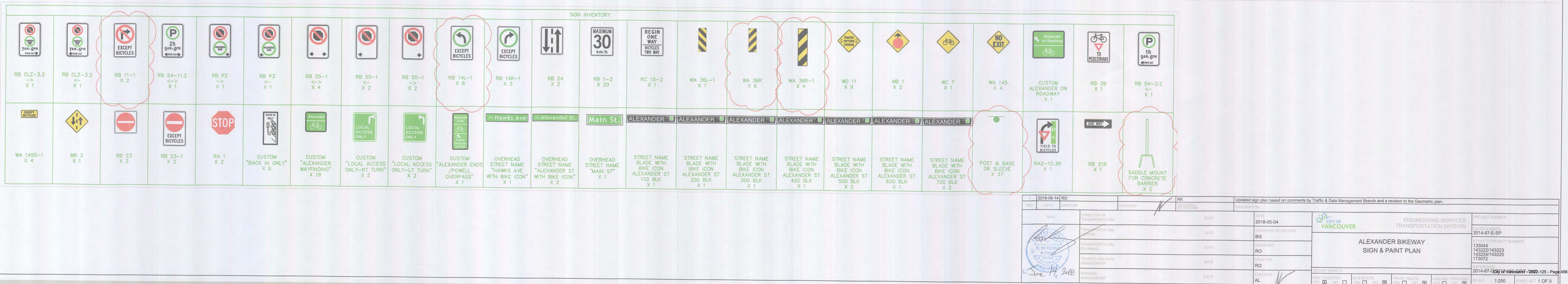
Vancouver, B.C. V5Z 0B4

t: 604.326.4828

f: 604.871 6192

e: [Ryan.O'Donnell@vancouver.ca](mailto:Ryan.O'Donnell@vancouver.ca)





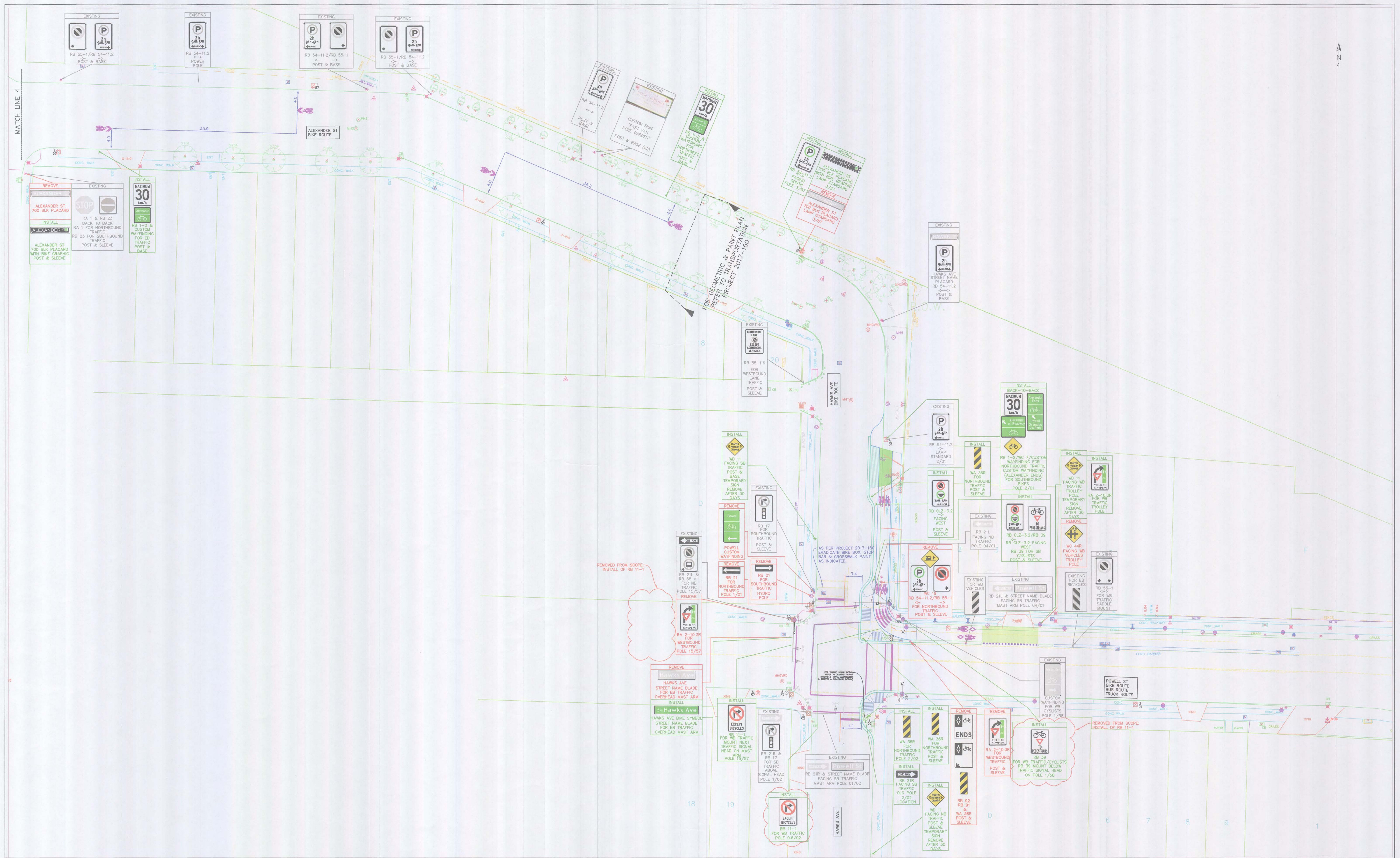




SIGN INVENTORY									
RB CLZ-3.2 X 1	RB CLZ-3.2 X 1	RB 11-1 X 2	RB 54-11.2 X 1	RB PZ X 1	RB PZ X 1	RB 55-1 X 4	RB 55-1 X 2	RB 55-1 X 2	RB 14L-1 X 8
WA 145S-1 X 4	WB 3 X 1	RB 23 X 2	RB 23-1 X 2	RA 1 X 2	CUSTOM "BACK IN ONLY" X 6	CUSTOM "ALEXANDER WAYFINDING" X 18	CUSTOM "LOCAL ACCESS ONLY-RT TURN" X 2	CUSTOM "LOCAL ACCESS ONLY-LT TURN" X 2	CUSTOM ALEXANDER ENDS / POWELL OVERPASS X 1
WA 36L-1 X 1	WA 36R-1 X 6	WA 36R-1 X 4	WA 11 X 9	WB 1 X 2	WC 7 X 1	WA 145 X 4	CUSTOM ALEXANDER ON ROADWAY X 1	RB 39 X 1	RB 54-3.2 X 1
WA 145S-1 X 4	WB 3 X 1	RB 23 X 2	RB 23-1 X 2	RA 1 X 2	CUSTOM "BACK IN ONLY" X 6	CUSTOM "ALEXANDER WAYFINDING" X 18	CUSTOM "LOCAL ACCESS ONLY-RT TURN" X 2	CUSTOM "LOCAL ACCESS ONLY-LT TURN" X 2	CUSTOM ALEXANDER ENDS / POWELL OVERPASS X 1
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WA 145S-1 X 4	WB 3 X 1	RB 23 X 2	RB 23-1 X 2	RA 1 X 2	CUSTOM "BACK IN ONLY" X 6	CUSTOM "ALEXANDER WAYFINDING" X 18	CUSTOM "LOCAL ACCESS ONLY-RT TURN" X 2	CUSTOM "LOCAL ACCESS ONLY-LT TURN" X 2	CUSTOM ALEXANDER ENDS / POWELL OVERPASS X 1

2018-06-14 RO		Updated sign plan based on comments by Traffic & Data Management Branch and a revision to the Geometric plan.	
REV	DATE	BY	DESCRIPTION
1	2018-06-14	RO	Initial Design
2	2018-06-14	RO	Revised Design
3	2018-06-14	RO	Final Design
PROJECT INFORMATION		PROJECT NUMBER: 2014-87-6-SP	
ENGINEERING SERVICES		TRANSPORTATION DIVISION	
ALEXANDER BIKEWAY		SIGN & PAINT PLAN	
DATE: 2018-06-14		DATE: 2018-06-14	
BY: R. W. K. (R. W. K. ENGINEERS)		BY: R. W. K. (R. W. K. ENGINEERS)	
CHECKED: R. W. K. (R. W. K. ENGINEERS)		CHECKED: R. W. K. (R. W. K. ENGINEERS)	
APPROVED: R. W. K. (R. W. K. ENGINEERS)		APPROVED: R. W. K. (R. W. K. ENGINEERS)	
DATE: 2018-06-14		DATE: 2018-06-14	
SCALE: 1:250		SCALE: 1:250	
SHEET SET: 2 OF 3		SHEET SET: 2 OF 3	

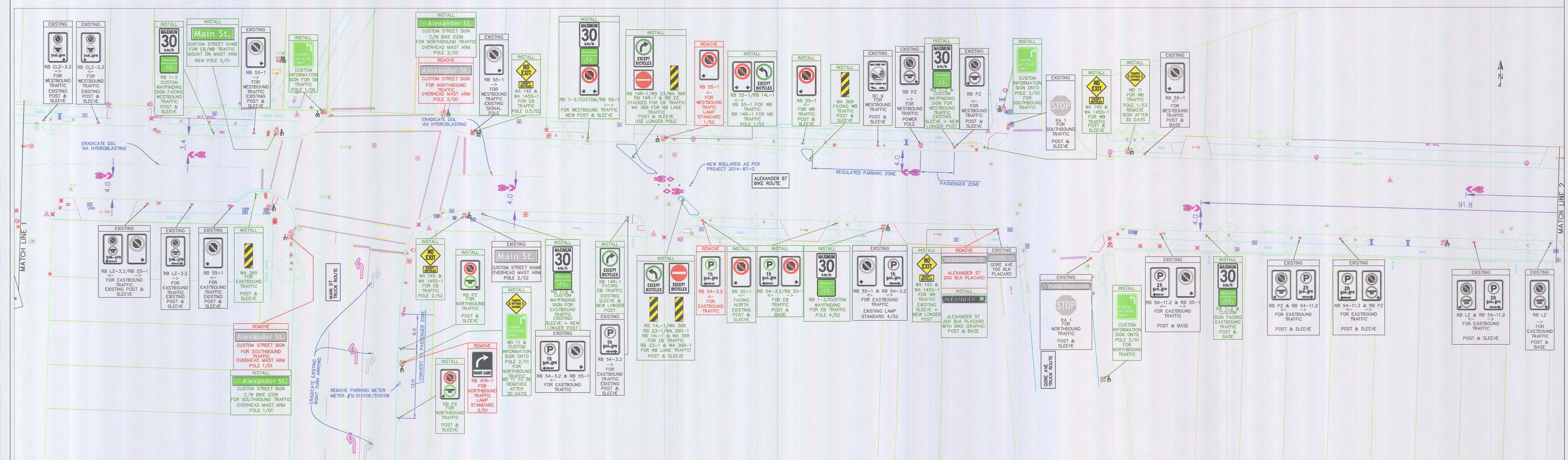
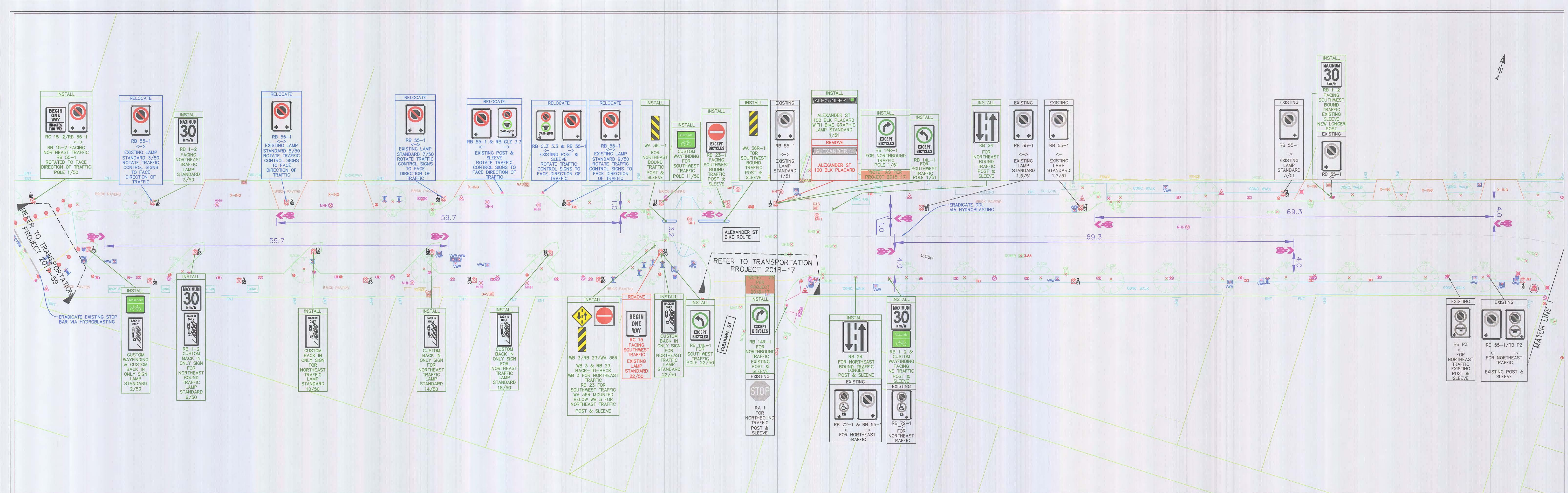




SIGN INVENTORY																			

2018-08-14	RD	PROJECT NUMBER	2014-87-E-SP
DATE	2018-08-04	ENGINEERING SERVICES	TRANSPORTATION DIVISION
DESIGNED BY	DATE	PROJECT NUMBER	133044
CHECKED BY	DATE	PROJECT NUMBER	143222/143223
APPROVED BY	DATE	PROJECT NUMBER	143224/143225
DATE	2014-87-G/2017-160-GPYT-1045	City of Vancouver	2022-125 - Page 4 of 4





SIGN INVENTORY																									
RB CLZ-3.2 X 1	RB CLZ-3.2 X 1	RB 11-1 X 3	RB 54-11.2 X 1	RB PZ X 1	RB PZ X 1	RB 55-1 X 4	RB 55-1 X 2	RB 55-1 X 2	RB 14L-1 X 5	RB 14R-1 X 3	RB 24 X 2	RB 1-2 X 20	RC 15-2 X 1	WA 36L-1 X 1	WA 36R X 8	WA 36R-1 X 2	WD 11 X 9	WB 1 X 2	WO 7 X 1	WA 145 X 4	CUSTOM ALEXANDER ON ROADWAY X 1	RB 39 X 1	RB 54-3.2 X 1		
WA 145S-1 X 4	WB 3 X 1	RB 23 X 2	RB 23-1 X 2	RA 1 X 2	CUSTOM "BACK IN ONLY" X 8	CUSTOM "ALEXANDER WAYFINDING" X 18	RB 23 X 1	CUSTOM "LOCAL ACCESS ONLY-RT TURN" X 2	CUSTOM "LOCAL ACCESS ONLY-LT TURN" X 2	CUSTOM "ALEXANDER ENDS /POWELL OVERPASS" X 1	OVERHEAD STREET NAME "HAWKS AVE. WITH BIKE ICON" X 1	OVERHEAD STREET NAME "ALEXANDER ST WITH BIKE ICON" X 2	OVERHEAD STREET NAME "MAIN ST." X 1	STREET NAME BLADE WITH BIKE ICON ALEXANDER ST 100 BLK X 1	STREET NAME BLADE WITH BIKE ICON ALEXANDER ST 200 BLK X 1	STREET NAME BLADE WITH BIKE ICON ALEXANDER ST 300 BLK X 1	STREET NAME BLADE WITH BIKE ICON ALEXANDER ST 400 BLK X 1	STREET NAME BLADE WITH BIKE ICON ALEXANDER ST 500 BLK X 2	STREET NAME BLADE WITH BIKE ICON ALEXANDER ST 700 BLK X 1	STREET NAME BLADE WITH BIKE ICON ALEXANDER ST 700 BLK X 2	POST & BASE OR SLEEVE X 35	RA2-10.3R X 1	RB 21R X 1		





SIGN INVENTORY																			
RB CLZ-3.2 X 1	RB CLZ-3.2 X 1	RB 11-1 X 3	RB 54-11.2 X 1	RB PZ X 1	RB PZ X 1	RB 55-1 X 4	RB 55-1 X 2	RB 55-1 X 2	RB 14L-1 X 5	RB 14R-1 X 3	RB 24 X 2	RB 1-2 X 20	RC 15-2 X 1	WA 36L-1 X 1	WA 36R X 8	WA 36R-1 X 2	WD 11 X 9	WB 1 X 2	WC 7 X 1
WA 145S-1 X 4	WB 3 X 1	RB 23 X 2	RB 23-1 X 2	RA 1 X 2	CUSTOM "BACK IN ONLY" X 6	CUSTOM "ALEXANDER WAYFINDING" X 18	CUSTOM "LOCAL ACCESS ONLY-LT TURN" X 2	CUSTOM "LOCAL ACCESS ONLY-LT TURN" X 2	CUSTOM "ALEXANDER ENDS / POWELL OVERPASS" X 1	OVERHEAD STREET NAME "HAWKS AVE" WITH BIKE ICON X 1	OVERHEAD STREET NAME "ALEXANDER ST" WITH BIKE ICON X 2	OVERHEAD STREET NAME "MAIN ST" X 1	STREET NAME BLADE WITH BIKE ICON ALEXANDER ST 100 BLK X 1	STREET NAME BLADE WITH BIKE ICON ALEXANDER ST 200 BLK X 1	STREET NAME BLADE WITH BIKE ICON ALEXANDER ST 300 BLK X 1	STREET NAME BLADE WITH BIKE ICON ALEXANDER ST 400 BLK X 1	STREET NAME BLADE WITH BIKE ICON ALEXANDER ST 500 BLK X 2	STREET NAME BLADE WITH BIKE ICON ALEXANDER ST 600 BLK X 1	STREET NAME BLADE WITH BIKE ICON ALEXANDER ST 700 BLK X 2
			RA2-10.3R X 1	RB 21R X 1															



