

# Utility Impacts

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# Seattle City Light



MAGNUSSON  
KLEMENCIC  
ASSOCIATES

March 31, 2014

**Patrick Hansen-Lund, P.E.**  
Associate

Mr. Steve Doub, Senior Technical Architect  
The Miller Hull Partnership, LLP  
71 Columbia Street, - 6<sup>th</sup> Floor  
Seattle, Washington 98104

Subject: Pike Place Market Waterfront Entrance  
Seattle, Washington

Re: Public Right-of-Way Vacation Utility Impacts

Dear Steve:

Magnusson Klemencic Associates (MKA) has investigated the impacts to utilities related to the proposed vacation of right-of-way along the westerly property boundary of the PC-1 site.

We have performed utility investigation by reviewing the field survey provided by Bush, Roed, and Hitchings, Inc. (updated in February 2014) and November 2013 site pothole information, and have collected as-built drawing information from the City of Seattle Engineering Records Vault and Department of Planning. Anticipated utility impacts related to the proposed vacation are as follows:

- **Seattle Public Utilities (SPU):**  
None. No sanitary sewer or storm drain facilities exist in the area to be vacated.
- **Communications (Comcast, Wave)**  
None. No communications facilities exist in the area to be vacated.
- **SDOT Street Lighting:**  
None. No street lighting facilities exist in the area to be vacated.
- **Seattle City Light (SCL):**  
The 115 kV T-4 line exists with the area to be vacated and is impacted for a length of approximately fifty feet (50'). From pothole information it is known that the T-4 line within the vacation area exists at a depth of cover ranging from 26" to 76". Based on the current PC-1 design, the T-4 line could co-exist at the same depth as the P4 parking level. As we have discussed, the PC-1 architecture has been designed to accommodate the preservation of the T-4 line in its current location.

The protection and preservation of the T-4 line in place has been discussed with SCL on several occasions, including a meeting on January 10, 2014 with SCL representatives Bob Risch (Transmission Engineering) and John Bresnahan to develop PC-1 construction requirements for protecting the line during the PC-1 development.

**Structural + Civil Engineers**

1301 Fifth Avenue, Suite 3200 Seattle, Washington 98101-2699  
T: 206 292 1200 F: 206 292 1201 www.mka.com

Mr. Steve Doub  
March 31, 2014  
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In summary, the only known utility impact is related to the T-4 high voltage line, which has been discussed and coordinated with SCL.

Please let us know if you have any questions or comments on this matter.

Sincerely,

Magnusson Klemencic Associates, Inc.

Patrick Hansen-Lund  
phansen-lund@mka.com

Attachments

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**BNSF**

## Sarlitto, Michele

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**From:** Wagner, Richard W <Richard.Wagner@BNSF.com>  
**Sent:** Wednesday, June 26, 2013 5:09 PM  
**To:** Justine Kim  
**Cc:** Ben Franz-Knight; 'Brian Court'; Ken Johnsen; 'Sian Roberts'; cholmes@axispnd.com  
**Subject:** RE: Pike Place Market Mixed Use Project - building over BNSF tunnel: insurance question

Justine –

Your summary below describes our phone conversation and my comments are based on my current understanding of project you described.

After we meet on the 9<sup>th</sup> I will have a better understanding regarding the project's impacts if any to the RR and whom you need to contact regarding any permitting or RR protective insurance, if required.

I write contracts/agreements with Agencies and their contractors for those publicly funded projects which require temporary access for construction and permanent easements for their structures.

My full contact info:

Richard W Wagner  
BNSF Railway Mgr Public Projects for WA, ID & BC  
2454 Occidental Avenue So Ste 2D  
Seattle, WA 98134  
O – 206.625.6152  
F – 206.625.6356

Rick Wagner  
BNSF Mgr Public Projects  
O – 206.625.6152  
F – 206.625.6356

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**From:** Justine Kim [<mailto:justinek@sojsea.com>]  
**Sent:** Wednesday, June 26, 2013 4:23 PM  
**To:** Wagner, Richard W  
**Cc:** Ben Franz-Knight; 'Brian Court'; Ken Johnsen; 'Sian Roberts'; 'cholmes@axispnd.com'  
**Subject:** Pike Place Market Mixed Use Project - building over BNSF tunnel: insurance question

Hi Richard,

Thank you for your call this afternoon. I would like to summarize our talk for the record, and would appreciate your response back to make sure I understood our conversation correctly.

You are aware of our project location, its engagement with the future Waterfront project's Overlook Walk from previous drawings and information you have seen in other meetings. After our discussion of the project (with parking, commercial spaces and housing units to be built over the tunnel, supported by new structure not touching the tunnel), your opinion of the **BNSF Railroad Insurance limits** should be similar to that of the SR99 Deep Bore Tunnel project (by Seattle Tunnel Partnership) – which is **\$5 million per occurrence and \$10 million for aggregate coverage**.

Your opinion was, as long as our project does not add any structural load to the existing BNSF tunnel, there should be low risk associated with the construction. As a result of extensive testing you have already conducted while involved in the SR 99 tunnel project, BNSF is pretty confident that the integrity of the concrete tunnel encasing the railroad tracks under our property is strong enough to withstand the construction activities of the project. In your opinion, construction work over exposed (open to air) railroad tracks have higher risks associated compared to working over the protected tunnel.

Brian Court (architect with Miller/Hull) will email you (PDF files for 11x17 as you requested) with the following drawings for your review, prior to our scheduled meeting to re-confirm our conversation when you get back from your vacation on July 9<sup>th</sup> at noon.

- (1) Site plan showing the location of our project
- (1) Building plan showing the tunnel location dotted in
- (1) Building section showing the relationship of the building to the tunnel

Please let me know if I missed any points. Also, please inform us of your role for BNSF on coordination of these projects, as well as who we should work with in the future to arrange for the purchase of the insurance policy through BNSF.

Thank you, and have a great vacation!

**Justine Kim**

*Shiels Oblatz Johnsen*

800 5<sup>th</sup> Ave. Suite 4130

Seattle WA 98104

**206-838-3706**

**206 355-1730**

[justinek@sojsea.com](mailto:justinek@sojsea.com)

## Sarlitto, Michele

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**From:** Wagner, Richard W <Richard.Wagner@BNSF.com>  
**Sent:** Tuesday, March 11, 2014 4:23 PM  
**To:** Justine Kim  
**Cc:** Bloomquist, Alan; cholmes@axispnd.com; Steve Doub; David Fields  
**Subject:** Re: Seattle, WA - Pike Place Market Waterfront Entrance (PC1N): Final Comments

You asked two questions Justine:

1. We do not own the property over our Tunnel and as long as stay out of our Tunnel or impact the shell you are not on our Property.
2. No one has no contract with BNSF, so your Contractor cannot be a rider on our RRP policy.

Regards

Rick Wagner  
BNSF Railway  
206.625.6152 - O  
206.604.8290 - M

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**From:** Justine Kim <[justinek@sojsea.com](mailto:justinek@sojsea.com)>  
**Sent:** Tuesday, March 11, 2014 2:29:37 PM  
**To:** Wagner, Richard W  
**Cc:** Bloomquist, Alan; [cholmes@axispnd.com](mailto:cholmes@axispnd.com); Steve Doub; David Fields  
**Subject:** RE: Seattle, WA - Pike Place Market Waterfront Entrance (PC1N): Final Comments

One more question:

When you say our project is not 'over' your property or railway, do you not consider your footprint of the tunnel, (which I believe is owned by BNSF) as your property?

Also, could you please send us a contact at BNSF that Sellen Construction Co. can work with, to purchase the railroad insurance for construction? They said they purchased a policy to cover their risks during the construction of Sculpture Park.

Thank you in advance!

Justine Kim  
*Shiels Obletz Johnsen*  
800 5<sup>th</sup> Ave. Suite 4130  
Seattle WA 98104  
**206-838-3706**  
**206 355-1730**  
[justinek@sojsea.com](mailto:justinek@sojsea.com)

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**From:** Wagner, Richard W [<mailto:Richard.Wagner@BNSF.com>]  
**Sent:** Friday, February 28, 2014 4:53 PM

**To:** Justine Kim

**Cc:** Bloomquist, Alan; [cholmes@axispnd.com](mailto:cholmes@axispnd.com); Steve Doub; David Fields

**Subject:** Re: Seattle, WA - Pike Place Market Waterfront Entrance (PC1N): Final Comments

Justin as we discussed previously your Project is not on, over, or under our Property or R/W, neither do you need a temporary construction easement nor do you cross our R/W.

Unless one of the above changes I am certain for now my involvement is over and all you need is supply Mr Bloomquist with his requests.

Rick

Rick Wagner

BNSF Railway

206.625.6152 - O

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**From:** Justine Kim <[justinek@sojsea.com](mailto:justinek@sojsea.com)>

**Sent:** Friday, February 28, 2014 4:35:45 PM

**To:** Wagner, Richard W

**Cc:** Bloomquist, Alan; [cholmes@axispnd.com](mailto:cholmes@axispnd.com); Steve Doub; David Fields

**Subject:** Re: Seattle, WA - Pike Place Market Waterfront Entrance (PC1N): Final Comments

Thank you, Richard.

We will follow up with Mr. Bloomquist.

As for our next steps, what do we need to do and with whom? Any formal application paperwork? How do we coordinate your observance of our work?

Please advise.

Thank you.

Sent from my iPhone

On Feb 28, 2014, at 3:22 PM, "Wagner, Richard W" <[Richard.Wagner@BNSF.com](mailto:Richard.Wagner@BNSF.com)> wrote:

Justin, please note Mr Bloomquist's requests outlined below in italics which will close my participation in this Project:

*"I do not have any additional comments. I would like to see reports of their locating process, once work begins if they will be willing to supply us with that information. If they are willing to include us in on weekly updates of the project, I would appreciate that as well."*

If your Project agrees to any of the requests please forward them to his email included above.

Good luck with your Project and I apologize for the delayed response.

Rick

Rick Wagner  
BNSF Mgr Public Projects  
O – 206.625.6152  
F – 206.625.6356

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**From:** Justine Kim [<mailto:justinek@sojsea.com>]  
**Sent:** Friday, February 28, 2014 1:15 PM  
**To:** Wagner, Richard W  
**Subject:** RE: Seattle, WA - Pike Place Market Waterfront Entrance (PC1N): BNSF calcs

Hi Richard,

Hope you had a nice vacation.

Would you please give us an update, and what our next steps are? Our project team is hoping to start the Construction Documents phase and start the excavation work this September.

Please let us know, thank you for your help!

**Justine Kim**

*Shiels Obletz Johnsen*

800 5<sup>th</sup> Ave. Suite 4130  
Seattle WA 98104

**206-838-3706**

**206 355-1730**

[justinek@sojsea.com](mailto:justinek@sojsea.com)

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**From:** Wagner, Richard W [<mailto:Richard.Wagner@BNSF.com>]  
**Sent:** Wednesday, February 19, 2014 2:20 PM  
**To:** Justine Kim  
**Subject:** Automatic reply: Seattle, WA - Pike Place Market Waterfront Entrance (PC1N): BNSF calcs

I am on vacation returning 02.25.2014; I will have limited access to emails and voicemails until I return.

Rick