

Appendix 3-C: Co-Located Infrastructure Documentation

Appendix 3C

Documentation of CI Consultations

AT&T NYPA Vermont Telephone Fort Ticonderoga Ferry

Table 1 - Co-located Infrastructure Crossing Agreements Table 2 - CI Locate Data

Appendix 3C – Table 1 Lake Champlain Co-located Infrastructure Crossing Agreements

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CONTAINS REDACTED INFORMATION IN CASE 10-T-0139 Appendix 3C - Table 2 - Lake Champlain CI Locate Data



Marine Route	CHPE Ref. #	Owner	Utility Type	Status	Crosses Route/ Protection Needed?	Comments
Lake Champlain	LC-08			Found	Yes	
Lake Champlain	LC-08A			Found	Yes	
Lake Champlain	LC-09A			Found	Yes	
Lake Champlain	LC-09B			Found	Yes	
Lake Champlain	LC-10			Found	Yes	
Lake Champlain	LC-11			Found	Yes	
Lake Champlain	LC-12			Found	Yes	
Lake Champlain	LC-13			Found	Yes	
Lake Champlain	LC-14			Found	Yes	
Lake Champlain	LC-15			Found	Yes	
Lake Champlain	LC-16			Found	Yes	

CONTAINS REDACTED INFORMATION IN CASE 10-T-0139 Appendix 3C - Table 2 - Lake Champlain CI Locate Data



Marine Route	CHPE Ref. #	Owner	Utility Type	Status	Crosses Route/ Protection Needed?	Comments
Lake Champlain	LC-17			Found	Yes	
Lake Champlain	LC-18			Found	Yes	
Lake Champlain	LC-19			Found	Yes	
Lake Champlain	LC-20			Found	Yes	
Lake Champlain	LC-20A			Found	Yes	
Lake Champlain	LC-20B			Found	Yes	
Lake Champlain	LC-21			Found	Yes	
Lake Champlain	LC-22			Found	Yes	
Lake Champlain	LC-30			Found	Yes (Post-Lay)	
Lake Champlain	LC-31			Found	Yes (Post-Lay)	
Lake Champlain	LC-34			Found	Yes	
Lake Champlain	LC-35			Found	Yes	



Appendix 3C - Table 2 - Lake Champlain CI Locate Data

Marine Route	CHPE Ref. #	Owner	Utility Type	Status	Crosses Route/ Protection Needed?	Comments
Lake Champlain	LC-36			Found	Yes	
Lake Champlain	LC-36A			Found	Yes	
Note: Items confirmed in the Pre-lay EM&CP as Clear of Route or not requiring protection have been omitted from this table.						

<u>AT&T</u>



Subject: CHPE - AT&T Marine Infrastructure Locations

Gentlemen,

I'm writing on behalf of Transmission Developers Inc. ("TDI"), owner of the Champlain Hudson Power Express ("CHPE" or "Project") transmission line project. The purpose of this correspondence is to provide more detailed information related to how the CHPE project is designed to cross your submerged infrastructure within Lake Champlain and to solicit feedback from your company regarding the Project's proposed crossing details.

As you may recall from previous communications with TDI, the CHPE is a fully permitted 339-mile underground and underwater high voltage direct current (HVDC) electric transmission line, with a portion running over 100 miles submerged along the bed of Lake Champlain, that will import up to 1,250 MW of renewable power from Canada and send it to the New York City metro area (see https://chpexpress.com for additional information).

Attached please find information specific to the crossings location(s) of your infrastructure along Lake Champlain with the proposed CHPE alignment including the following:

- Attachment 1 Aerial mapping depicting the known and potential crossing locations of CHPE and your infrastructure along the alignment
- Attachment 2 Table containing detailed information on each crossing location with your known and potential crossing infrastructure along Lake Champlain
- Attachment 3 Typical proposed crossing design details and information

TDI will be submitting plans to the New York State Public Service Commission ("PSC") for the portion of the project in Lake Champlain. This information is a follow-up from previous communications providing specific crossing location, crossing information, and typical infrastructure crossing drawings.

Please review the attached information regarding the CHPE alignment relating to your infrastructure. We would like to schedule a **follow-up meeting face to face in your office the week of March 20th** to discuss any issues and concerns you may have, resolve any missing information in our data, and reach concurrence of the project's crossing plan. Please let me know what dates and times may be available for a meeting that week. If you're not available that week or would like to discuss ahead of the meeting, please feel free to call me at **Exercise**. You can send any feedback to me **Exercise**. It is important to TDI that the construction and operation of the CHPE does not interfere with the continued operation of your infrastructure.

If available, please provide any design drawings, as-built drawings, utility details or other information that may help the CHPE design team complete any missing information on your infrastructure.

To the extent that the CHPE line crosses your infrastructure within future submerged segments along the Hudson and/or Harlem Rivers, we will provide you with similar information in advance of those filings. I look forward to coordinating with you as we finalize the design of the CHPE.

Best regards,



From: luke@lynnutils.com <luke@lynnutils.com>
Sent: Tuesday, February 28, 2023 2:17 PM
To: Jasinski, Gregory T. <<u>G.Jasinski@wsp.com</u>>; Im5215@att.com; larry@lynnutils.com;
bill@lynnutils.com
Cc: 'Jason Peters' <jason.peters@transmissiondevelopers.com>;
neil.henderson@transmissiondevelopers.com; 'Will Davie' <<u>Will.Davie@transmissiondevelopers.com</u>>;
'Michael Main' <<u>Michael.Main@transmissiondevelopers.com</u>>; Albers, David <<u>Dave.Albers@wsp.com</u>>;
Cole, Benjamin <<u>Ben.Cole@wsp.com</u>>; Brown, Michael <<u>Michael.Brown@wsp.com</u>>; Karlsen, Eric
<<u>Eric.Karlsen@wsp.com</u>>
Subject: RE: CHPE - AT&T Marine Infrastructure Locations

Gregory,

AT&T only has one cable crossing the Lake and it does not show up on your maps. Our runs between Port Kent and Burlington and you would cross us roughly around MP 34 to 35. The matting is a preferred way to go but I don't think you located AT&T's cable. We were hoping to be notified when you went to search for our facilities.

Luke McCarthy

Lynn Utilities Services

Project Manager

From: Jasinski, Gregory T. <<u>G.Jasinski@wsp.com</u>>

Sent: Thursday, March 9, 2023 10:43 AM

To: luke@lynnutils.com; lm5215@att.com; larry@lynnutils.com; bill@lynnutils.com

Cc: 'Jason Peters' <jason.peters@transmissiondevelopers.com>;

<u>neil.henderson@transmissiondevelopers.com</u>; 'Will Davie' <<u>Will.Davie@transmissiondevelopers.com</u>>; 'Michael Main' <<u>Michael.Main@transmissiondevelopers.com</u>>; Albers, David <<u>Dave.Albers@wsp.com</u>>; Cole, Benjamin <<u>Ben.Cole@wsp.com</u>>; Brown, Michael <<u>Michael.Brown@wsp.com</u>>; Karlsen, Eric <<u>Eric.Karlsen@wsp.com</u>>

Subject: RE: CHPE - AT&T Marine Infrastructure Locations

Hi Luke,

We've checked our records and we can reasonable conclude that the utility crossing we have marked as MP 39.4 is actually at MP 40.4, and coincides with the location of the fiber line you show in the plans

<u>NYPA</u>

From: Sent: Thursday, May 19, 2022 8:43 AM

Sent: Thursday, May 19, 2022 8:43 Alv

To: Cc:

Subject: [EXTERNAL]Champlain Hudson Power Express Transmission Line Project Submarine Infrastructure Survey

CAUTION — External Email

Suspicious? Click Report Phishing on Outlook toolbar. For Mobile forward to (abuse@nypa[.lgov)

Good morning Javier.

I hope this email finds you well.

Transmission Developers Inc, ("TDI") is moving ahead with advanced design and ultimate construction of the Champlain Hudson Power Express ("CHPE"), a 1,250 MW underwater and underground high voltage direct current (HVDC) electric transmission line running from the New York-Canada border to New York City.

You may recall, in 2020 we communicated TDI's intent to do on/in water surveys to confirm the location (including depth if possible) of any Co-located Infrastructure ("CI") the CHPE will cross along the project's route in the Hudson River. Due to the pandemic, those surveys were postponed.

I am writing to you today as TDI intends to conduct these surveys mid-summer 2022. The information gained by these surveys is necessary to inform the preparation of the detailed plans and profiles included in the Environmental Management & Construction Plan (EM&CP). The EM&CP will be submitted to the New York State Public Service Commission ("PSC") for approval and the PSC's approval of these plans are necessary to begin construction. You will be notified prior to the start of the surveys and your organization will have an opportunity to review plans to cross your CI prior to submission to the PSC.

We know that these crossings are of great importance to your company, and we want to address them in a deliberate and collaborative way.

At this time, I would ask:

- 1. For you to confirm the proper contact at your organization to coordinate with for the survey.
- 2. Identify any specific procedures you may have for TDI to conduct these surveys of your CI; and

As CHPE advances towards construction, our team has expanded to include an Owners' Engineer (WSP) and an Engineering, Procurement and Construction Contractor (NKT) and its contractor (Caldwell Marine, Inc.) for installation of the cables in the waterways. In the future, representatives of these

organizations may reach out to you directly as part of the detailed design, engineering, and construction of the project.

Thank you in advance for your cooperation.

Regards,



Dear

I'm writing on behalf of Transmission Developers Inc.("TDI"), owner of the Champlain Hudson Power Express ("CHPE" or "Project") transmission line project. The purpose of this correspondence is to provide more detailed information related to how the CHPE project is designed to cross your submerged infrastructure within Lake Champlain and to solicit feedback from your company regarding the Project's proposed crossing details.

As you'll recall from previous communications with TDI and Ben Cole of WSP, the CHPE is a fully permitted 339-mile underground and underwater high voltage direct current (HVDC) electric transmission line, with a portion running over 100 miles submerged along the bed of Lake Champlain, that will import up to 1,250 MW of renewable power from Canada and send it to the New York City metro area (see <u>https://chpexpress.com</u> for additional information).

Attached please find information specific to the crossings location(s) of your infrastructure along Lake Champlain with the proposed CHPE alignment including the following:

- Attachment 1 Aerial mapping depicting the crossing locations of CHPE and your infrastructure along the alignment
- Attachment 2 Table containing detailed information on each crossing location with your infrastructure along Lake Champlain
- Attachment 3 Typical proposed crossing design details and information

TDI will be submitting plans to the New York State Public Service Commission ("PSC") for the portion of the project in Lake Champlain. This information is a follow-up from previous providing specific crossing location, crossing information, and typical infrastructure crossing drawings.

Please review the attached information regarding the CHPE alignment relating to your infrastructure. We would like to schedule a **follow-up meeting face to face in your office the week of March 20th** to discuss any issues and concerns you may have, resolve any missing information in our data, and reach concurrence of the project's crossing plan. Please let me know what dates and times may be available for a meeting that week. If you're not available that week or would like to discuss ahead of the meeting, please feel free to call me at **Concurrence**. You can send any feedback to me **CHPE does not** interfere with the continued operation of your infrastructure.

Please also let us know the next steps required to obtain the required permit(s) to use the NYPA Lake Champlain utility information and move the CHPE project to the construction phase in your area.

I look forward to coordinating with you as we finalize the design of the CHPE.


Vermont Telephone

From:	
Sent: Wednesday, May 10, 2017 3:03 PM	
То:	
Cc:	

Subject: RE: Locating Vermont Tel Infrastructure in Lake Champlain

Good afternoon Rick,

Attached are the NDAs, as well as the installation report of the VTel cable crossing, which includes the route/positioning information of the facilities. I believe this should provide sufficient detail for TDI's field location work, but let us know if there's additional information needed. Also attached, for reference, is an excerpt of VTeI's easement agreement with the State of New York, which describes the location of VTeI's 30' wide easement from the NY shoreline to the NY/VT state line. My understanding is that the TDI project route is entirely on the NY side of the lake, following the route in the attached ACE exhibit, is that correct?

In general we have a couple interrelated concerns, which we'd initially discussed with Gene Martin and Josh Bagnato a while back and agreed to revisit as the project progressed, which are the method of proposed crossing/colocation of facilities and the associated agreement/rights to do so. VTel invested significantly in the rights and facilities to cross the lake, and remains very concerned about any permanent facilities proposed to cross over the top of its cable which would impede its ability to access the cables in the case of need for repair, maintenance, inspection, etc. If you could advise TDI's current approach/proposal for cable crossings in terms of engineering/design and agreements that would be helpful.

Thanks very much,

Gordon Mathews

Legal & Regulatory Affairs Manager

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From: Jasinski, Gregory T.

Sent: Tuesday, February 28, 2023 12:29 PM	
To:	
Cc:	

Subject: CHPE - Vermont Telephone Marine Infrastructure Locations

Ms. Robinson,

I'm writing on behalf of Transmission Developers Inc. ("TDI"), owner of the Champlain Hudson Power Express ("CHPE" or "Project") transmission line project. The purpose of this correspondence is to provide more detailed information related to how the CHPE project is designed to cross your submerged infrastructure within Lake Champlain and to solicit feedback from your company regarding the Project's proposed crossing details.

As you may recall from previous communications with TDI, the CHPE is a fully permitted 339-mile underground and underwater high voltage direct current (HVDC) electric transmission line, with a portion running over 100 miles submerged along the bed of Lake Champlain, that will import up to 1,250 MW of renewable power from Canada and send it to the New York City metro area (see https://chpexpress.com for additional information).

Attached please find information specific to the crossing location(s) of your infrastructure along Lake Champlain with the proposed CHPE alignment including the following:

- Attachment 1 Aerial mapping depicting the known and potential crossing locations of CHPE and your infrastructure along the alignment
- Attachment 2 Table containing detailed information on each crossing location with your known and potential infrastructure along Lake Champlain
- Attachment 3 Typical proposed crossing design details and information

TDI will be submitting plans to the New York State Public Service Commission ("PSC") for the portion of the project in Lake Champlain. This information is a follow-up from previous communications providing specific crossing location, crossing information, and typical infrastructure crossing drawings.

Please review the attached information regarding the CHPE alignment relating to your infrastructure. We would like to schedule a **follow-up meeting face to face in your office the week of March 20th** to discuss any issues and concerns you may have, resolve any missing information in our data, and reach concurrence of the project's crossing plan. Please let me know what dates and times may be available for a meeting that week. If you're not available that week or would like to discuss ahead of the meeting, please feel free to call me at **Exercise**. You can send any feedback to me **Exercise**). It is important to TDI that the construction and operation of the CHPE does not interfere with the continued operation of your infrastructure.

In addition to the location information that you had previously sent, please review the unknown utility crossing locations in the attachments in case any of these are crossings with your infrastructure. I look forward to coordinating with you as we finalize the design of the CHPE.

Best regards,



Jasinski, Gregory T.

From:		
From: Sent:		
To:		
Cc:		
Subject:		

Hi Arianna,

Wanted to check in with you since it's been a few weeks. TDI is working on a draft crossing agreement for the Lake Champlain crossing. We'll send it to you for review once it's ready. We have also been in coordination with NYPA on the PV-20 crossings adjacent to your facility. Once we come to an agreement on the crossing details with NYPA, we'll share with you for review as we're expecting a similar plan will be applicable to your crossing. Let us know if you need anything else from us at this point.

Best regards, Greg



From: Arianna M. Robinson Sent: Thursday, March 30, 2023 8:41 AM To: Jasinski, Gregory T. Subject: Re: [EXTERNAL] Re: CHPE - Vermont Telephone Marine Infrastructure Locations

Sounds great! Thank you very much.

Arianna

Fort Ticonderoga Ferry

Jasinski,	Gregory T.	

From:	Jasinski, Gregory T.
Sent:	Monday, March 20, 2023 4:29 PM
To:	
Cc:	
Subject:	CHPE - Fort Ticonderoga Ferry Marine Infrastructure Locations
Attachments:	Attachment 1 - Marine CI Crossing Mapping_FTF.pdf; Attachment 2 - Marine CI

Crossing Table_Fort Ticonderoga Ferry.pdf

Dear Mr. Doyle,

I'm writing on behalf of Transmission Developers Inc. ("TDI"), owner of the Champlain Hudson Power Express ("CHPE" or "Project") transmission line project. The purpose of this correspondence is to begin a discussion on how the CHPE transmission cable alignment intends to cross the guide cables of the Fort Ticonderoga Ferry, and to develop the method for crossing that protects both your and CHPE's infrastructure.

The CHPE is a fully permitted 339-mile underground and underwater high voltage direct current (HVDC) electric transmission line, with a portion running over 100 miles submerged along the bed of Lake Champlain, that will import up to 1,250 MW of renewable power from Canada and send it to the New York City metro area (see https://chpexpress.com for additional information).

TDI has had conversations dating back to 2015 with the previous owner of the Ferry. We'd like to bring you up to speed on what considerations were being discussed, including construction periods and sequence that coordinates with your operation.

We also have on our records, several telecom cables that were located running between and immediately to the north of the ferry cables. Originally, we understood these to be owned by AT&T, but they have stated that they do not own these lines. Do you have knowledge of these lines and have any information on their type and owner? Details on these lines are provided in Attachment 2.

Below is a screenshot of the scan results of the ferry crossing area showing multiple cables, including the ferry cables:



Attached please find information specific to the location(s) of your infrastructure along Lake Champlain with respect to the CHPE alignment including the following:

- Attachment 1 Aerial mapping depicting the known and potential crossing locations of CHPE and your infrastructure along the alignment
- Attachment 2 Table containing detailed information on each crossing location with your known and potential crossing infrastructure along Lake Champlain

TDI will be submitting plans to the New York State Public Service Commission ("PSC") for the portion of the project in Lake Champlain. Please review the attached information regarding the CHPE alignment. We would like to schedule a follow-up meeting face to face in your office the week of March 27th to discuss any issues and concerns you may have, resolve any missing information in our data, and reach concurrence of the project's crossing plan. Would Wednesday morning, March 29th be a possibility? We'll be in Ticonderoga that day meeting with another utility in the afternoon. Please let me know if this would work or if you'd prefer to have a virtual meeting. If you're not available that week or would like to discuss ahead of the meeting, please feel free to call me at the factor of the sector of the meeting. You can send any feedback to me

I look forward to coordinating with you as we finalize the design of the CHPE.

Best regards,



Jasinski, Gregory T.

From:	Jasinski, Gregory T.
Sent:	Wednesday, March 29, 2023 4:11 PM
To:	Jason Peters;
Cc:	
Subject:	CHPE - Fort Ticonderoga Ferry Marine CI Call

Jason,

I received a call back today from Jack Doyle, owner of the Fort Ticonderoga Ferry (FTF). Please find a summary of the call below.

- Jack is currently in Florida, and will be returning to NY near the end of April.
- He has had conversations with Mike Madot, the previous owner of the Ferry and was informed of past conversations with TDI, although not of the specific details.
- I informed him that my understanding of previous conversations between FTF and TDI (Bob Harrison) focused on removing the ferry cables, installing the CHPE cable, then installing new ferry cable
- FTF had the ferry cables replaced in Fall of 2022.
- Jack said replacement of ferry cables typically takes 3-4 days, not including mobilization and prep.
- I told him that TDI would coordinate with him on construction schedule to minimize impact to ferry operation.
- Ferry operation runs from May through October, depending on lake conditions.
- He called Mike and found out that there was no previous written agreement between FTF and TDI, only verbal conversations.
- Mike said that he understood the utilities running parallel with the ferry cables, that we located in the CMI survey, are abandoned telecom cables belonging to a company that either currently or formerly operates in Vermont. I'll check with Vermont Telephone in our upcoming meeting to ask if they have record of these lines.

Action Items from Call:

- WSP to discuss previous conversations between TDI and FTF with Bob Harrison
- WSP to schedule call between FTF, TDI and NKT to discuss plan going forward
- WSP to ask Vermont Telephone of possible crossing in vicinity of ferry

Best regards,

vsp	Gregory T. Jasinski, P.E. Senior Civil Engineer

Jasinski, Gregory T.

From:
Sent:
To:
Subject:

Jack Doyle Sunday, April 2, 2023 6:10 AM Jasinski, Gregory T. Re: CHPE - Fort Ticonderoga Ferry Marine Infrastructure Locations

Yes I'm available My cell number is Thanks

On Wed, Mar 29, 2023 at 5:33 PM Jasinski, Gregory T. <<u>G.Jasinski@wsp.com</u>> wrote:

Jack,

Thanks for you time on the phone today and reaching out to Mike Madot. I spoke with Bob Harrison of TDI and he concurred that his conversations with Mike were informal. Would you be available Monday, 4/3 at 2pm for a call with the TDI team? We'll be able to talk about the crossing plan, schedule and considerations to minimize the impact to your operation.

Best regards,

Greg



Senior Civil Engineer



Jasinski, Gregory T.

From: Sent: To: Cc: Subject: Attachments: Jason Peters Sunday, June 4, 2023 2:53 PM Jasinski, Gregory T. Neil Henderson; Khan Peoples Fort Ticonderoga Ferry Lake Champlain Utility Investigations; Fort Ticonderoga Ferry; Re: Lake Champlain Utility Investigations

Greg,

We had a conversation with the Fort Ticonderoga Ferry owner over the last week to align on diving works to be performed in the vicinity of the ferry path.

CMI will be operating at night, outside the operating hours of the ferry to complete the scope.

Conversations took place between June 1st and June 3rd via email and telephone call. Conversation surrounding the diving scope was initiated by Shane Libbey from CMI, Jack Doyle was the recipient of the information / alignment on operations near his facility.

Rgds,

Jason Peters VP Infrastructure - Marine Transmission Developers Inc.

