

PHILIP M. SMALL  
direct dial: (860) 509-6575  
fax: (860) 509-6675  
psmall@brownrudnick.com

185 Asylum  
Street  
Hartford  
Connecticut  
06103  
tel 860.509.6500  
fax 860.509.6501

August 12, 2015

**VIA ELECTRONIC MAIL AND HAND-DELIVERY**

Mr. Robert Stein, Chairman  
Connecticut Siting Council  
Ten Franklin Square  
New Britain, CT 06051

**RE: Docket No. 192B—Towantic Energy, LLC Motion to Reopen and Modify the June 23, 1999 Certificate of Environmental Compatibility and Public Need Based on Changed Conditions Pursuant to Connecticut General Statutes §4-181a(b) for the Construction, Maintenance and Operation of a 785 MW Dual-Fuel Combined Cycle Electric Generating Facility Located North of the Prokop Road and Towantic Hill Road Intersection in the Town of Oxford, Connecticut—CPV Towantic, LLC’s Responses to Development and Management Plan Interrogatories, Set One**

Dear Chairman Stein:

Enclosed are an original and fifteen (15) copies of CPV Towantic, LLC’s Responses to the Connecticut Siting Council’s Development and Management Plan Interrogatories, Set One.

Please contact Franca L. DeRosa, Esq. or me at (860) 509-6500 with any questions.

Very truly yours,

**BROWN RUDNICK LLP**



Philip M. Small  
Counsel for CPV Towantic, LLC

PMS/jmb  
Enclosures  
cc: Service List

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CERTIFICATE OF SERVICE

This is to certify that on this 12th day of August, 2015, the foregoing documents were sent via electronic mail, and/or first class mail, to the persons on the attached service list.

By: \_\_\_\_\_

Philip M. Small

A handwritten signature in blue ink, appearing to be 'PM Small', is written over a horizontal line.



SERVICE LIST OF PARTIES AND INTERVENORS

Status Granted	Status Holder (name, address & phone number)	Representative (name, address & phone number)
Applicant	CPV Towantic, L.L.C.	Franca L. DeRosa, Esq. Philip M. Small, Esq. Brown Rudnick LLP 185 Asylum Street Hartford, CT 06103 (860) 509-6500 (860) 509-6501 — fax <a href="mailto:fderosa@brownrudnick.com">fderosa@brownrudnick.com</a> <a href="mailto:psmall@brownrudnick.com">psmall@brownrudnick.com</a>
Party	Jay Halpern 58 Jackson Cove Road Oxford, CT 06478 h: (203) 888-4976 <a href="mailto:zoarmonster@sbcglobal.net">zoarmonster@sbcglobal.net</a>  Peter Thomas 72 Towantic Hill Road Oxford, CT 06478 (203) 720-1536	
Intervenor	Town of Middlebury	Attorney Dana A. D'Angelo Law Offices of Dana D'Angelo, LLC 20 Woodside Avenue Middlebury, CT 06762 (203) 598-3336 (203) 598-7283 – fax <a href="mailto:Dangelo.middlebury@snet.net">Dangelo.middlebury@snet.net</a>  Stephen L. Savarese, Esq. 103 South Main Street Newtown, CT 06470 203-270-0077 <a href="mailto:attystephensavarese@gmail.com">attystephensavarese@gmail.com</a>



Intervenor	The Connecticut Light and Power Company (CL&P)	<p>Stephen Gibelli, Esq. Associate General Counsel The Connecticut Light and Power Company P.O. Box 270 Hartford, CT 06141-0270 (860) 665-5513 (860) 665-5504 -fax <a href="mailto:gibels@nu.com">gibels@nu.com</a></p> <p>John R. Morissette Manager-Transmission Siting and Permitting The Connecticut Light and Power Company P.O. Box 270 Hartford, CT 06141-0270 (860) 665-2036 <a href="mailto:morisjr@nu.com">morisjr@nu.com</a></p> <p>Christopher R. Bernard Manager, Regulatory Policy (Transmission) The Connecticut Light and Power Company P.O. Box 270 Hartford, CT 06141-0270 (860) 665-5967 (860) 665-3314 - fax <a href="mailto:bernacr@nu.com">bernacr@nu.com</a></p> <p>Stella Pace, Senior Engineer The Connecticut Light and Power Company Transmission and Interconnection Dept. P.O. Box 270 Hartford, CT 06141-0270 (860) 665-3569 <a href="mailto:pacess@nu.com">pacess@nu.com</a></p> <p>Jeffery D. Cochran Northeast Utilities Service Company 107 Selden Street Berlin, CT 06037 860-665-3548 <a href="mailto:cochrjd@nu.com">cochrjd@nu.com</a></p>
Party	Town of Oxford	<p>Kevin W. Condon, Esq. Condon &amp; Savitt PC P.O. Box 570 Ansonia, CT 06401 203-734-2511 <a href="mailto:condonsavitt@comcast.net">condonsavitt@comcast.net</a></p>
Party	Naugatuck Valley Chapter Trout Unlimited	<p>Robert M. Perrella, Vice President TU Naugatuck/Pomperaug Valley Chapter 278 W. Purchase Road Southbury, CT 06488-1004 <a href="mailto:johnnytroutseed@charter.net">johnnytroutseed@charter.net</a></p>



Intervenor	Town of Southbury	Ed Edelson First Selectman Town of Southbury 501 Main Street Southbury, CT 06488 (203) 262-0647 (203) 264-9762 – fax <a href="mailto:selectman@southbury-ct.gov">selectman@southbury-ct.gov</a>
Party	The Pomperaug River Watershed Coalition	Len DeJong, Executive Director Pomperaug River Watershed Coalition 39 Sherman Hill Road, C103 Woodbury, CT 06798 203-263-0076 <a href="mailto:LDeJong@pomperaug.org">LDeJong@pomperaug.org</a>
Intervenor (approved 06/07/06)	Raymond Pietrorazio 764 Charcoal Avenue Middlebury, CT 06762-1311 (203) 758-2413 (203) 758-9519 – fax <a href="mailto:ray@ctcombustion.com">ray@ctcombustion.com</a>	
Intervenor (approved 10/10/06)	GE Energy Financial Services, Inc.	Jay F. Malcynsky The Law Offices of Jay F. Malcynsky, P.C. One Liberty Square New Britain, CT 06051 (860) 229-0301 (860) 225-4627 – fax <a href="mailto:jmalcynsky@gaffneybennett.com">jmalcynsky@gaffneybennett.com</a>
Intervenor (Approved 11/13/14)	Borough of Naugatuck and Borough of Naugatuck Water Pollution Control Authority	Edward G. Fitzpatrick, Esq. Alicia K. Perillo, Esq. Fitzpatrick, Mariano, Santos, Sousa, PC 203 Church Street Naugatuck, CT 06770 203-729-4555 <a href="mailto:Fitz@fmsslaw.org">Fitz@fmsslaw.org</a> <a href="mailto:Alicia@fmsslaw.org">Alicia@fmsslaw.org</a>  Ronald Merancy, Chairman Water Pollution Control Authority 229 Church Street Naugatuck, CT 06770 203-720-7000 <a href="mailto:Rjm62159@aol.com">Rjm62159@aol.com</a>
Intervenor (Approved 1/8/15)	Wayne McCormack 593 Putting Green Lane Oxford, CT 06478 <a href="mailto:wayne@waynemccormack.com">wayne@waynemccormack.com</a>	



Intervenor (Approved 1/8/15)	Naugatuck River Revival Group, Inc.	Kevin R. Zak, President Naugatuck River Revival Group, Inc. 132 Radnor Avenue Naugatuck, CT 06770 203-530-7850 <a href="mailto:kznrrg@sbcglobal.net">kznrrg@sbcglobal.net</a>
Intervenor (Approved 1/8/15)	Westover Hills Subdivision Homeowners	Chester Cornacchia Westover Hills Subdivision Homeowners 53 Graham Ridge Road Naugatuck, CT 06770 203-206-9927 <a href="mailto:cc@necsonline.com">cc@necsonline.com</a>
Intervenor (Approved 1/8/15)	Westover School	Kate J. Truini Alice Hallaran Westover School 1237 Whittemore Road Middlebury, CT 06762 203-758-2423 <a href="mailto:ktruini@westoverschool.org">ktruini@westoverschool.org</a> <a href="mailto:ahallaran@westoverschool.org">ahallaran@westoverschool.org</a>
Intervenor (Approved 1/8/15)	Greenfields, LLC and Marian Larkin	Edward S. Hill, Esq. Cappalli & Hill, LLC 325 Highland Avenue Cheshire, CT 06410 203-272-2607 <a href="mailto:ehill@cappalihill.com">ehill@cappalihill.com</a>
Intervenor (Approved 1/8/15)	Lake Quassapaug Association, LLC	Ingrid Manning, Vice President Lake Quassapaug Association, LLC P.O. Box 285 Middlebury, CT 06762 203-758-1692 <a href="mailto:Ingridmanning2@gmail.com">Ingridmanning2@gmail.com</a>
Intervenor (Approved 1/8/15)	Middlebury Land Trust, Inc.	W. Scott Peterson, M.D., President Middlebury Land Trust, Inc. 317 Tranquility Road Middlebury, CT 06762 203-574-2020 <a href="mailto:wsp@aya.yale.edu">wsp@aya.yale.edu</a>
Intervenor (Approved 1/15/15)	Quassy Amusement Park	George Frantzis Quassy Amusement Park P.O. Box 1107 Middlebury, CT 06762 203-758-2913 x108 <a href="mailto:George@quassy.com">George@quassy.com</a>



Intervenor (Approved 1/15/15)	Middlebury Bridle Land Association	Nancy Vaughan Middlebury Bridle Land Association 64 Sandy Hill Road Middlebury, CT 06762 203-598-0697 <a href="mailto:ndzjavaughan@gmail.com">ndzjavaughan@gmail.com</a>
Intervenor (Approved 1/15/15)	Dennis Kocyla 28 Benz Street Ansonia, CT 06401 203-736-7182 <a href="mailto:Dennis3141@yahoo.com">Dennis3141@yahoo.com</a>	
Intervenor (Approved 1/15/15)	Naugatuck Valley Audubon Society	Sophie Zyla Jeff Ruhloff Carl Almonte Naugatuck Valley Audubon Society 17 Stoddard Place Beacon Falls, CT 06403 203-888-7945 <a href="mailto:NVASeditor@mail.com">NVASeditor@mail.com</a>
Intervenor (Approved 1/15/15)	Oxford Flying Club	Burton L. Stevens Oxford Flying Club P.O. Box 371 Woodbury, CT 06798 203-236-5158 <a href="mailto:bstevens@snet.net">bstevens@snet.net</a>

**Docket No. 192B**  
**CPV Towantic, LLC's Responses to Development and**  
**Management Plan Interrogatories - Set One**  
**August 12, 2015**

1. Section 2a of CPV's cover letter notes that a larger fin fan auxiliary cooler is included in the Development and Management Plan (D&M Plan). Compare the dimensions (i.e. length, width, and height) of the new fin fan cooler to the originally proposed one in the Environmental Overview in Support of the Petition for Changed Conditions (EOSPCC).

***RESPONSE: The fin fan auxiliary cooler in the current design has one additional "bay" than originally proposed in the EOSPCC. This adds approximately 20 feet of length, but will not affect the width or height of the fin fan auxiliary cooler.***

2. On note #9 of drawing C305, approximately how many gallons of water would the fire/service water storage tank hold?

***RESPONSE: The fire/service tank will hold approximately 500,000 gallons of water (300,000 of which will be reserved exclusively for fire water).***

3. On note #48 on drawing C305, it states "H<sub>2</sub>/CO<sub>2</sub> Storage." What is the carbon dioxide storage used for?

***RESPONSE: CO<sub>2</sub> will be used to purge the generator cooling systems for times when the units are taken off-line for maintenance.***

4. Drawing C305 includes a "Drainage Easement in Favor of CPV Parcels" to the east of the subject property. Is this related to the revised drainage design to ensure that no stormwater is mixed with the plant's wastewater?

***RESPONSE: No, the revised drainage design is unrelated to the removal of certain collected stormwater from the Facility's wastewater discharge. The drainage easement to the east allows CPV to discharge stormwater runoff, including the collected stormwater. This easement configuration remains the same.***

5. What material changes, if any, were made to the sound analysis originally provided in the EOSPCC, e.g. the inclusion of the on-site gas compressor?

***RESPONSE: The sound analysis has been updated to reflect the plan provided in Section 2(a) of the D&M plan, incorporating the changes addressed under "Adjusted Site Facilities," and has confirmed that the Project can continue to demonstrate compliance with applicable requirements. No other material changes have occurred since the EOSPCC was filed.***

6. What is the current status of the draft air permit from the Connecticut Department of Energy and Environmental Protection?

***RESPONSE: The Connecticut Department of Energy and Environmental Protection has issued its tentative determination to approve the air permits associated with the construction and operation of the CPV Towantic Energy Center.***

7. How would the gas be heated as noted in the Fuel Gas Interconnection Plan?

**RESPONSE:** *After further review of the gas conditions, the fuel gas preheater in the metering and regulation area is no longer necessary.*

8. The Fuel Gas Interconnection Plan is based on a design of 5,400 Mscfh. How does this compare to the estimated worst-case natural gas consumption estimated in the proceeding as 5,531 million BTUs per hour?

**RESPONSE:** *They are equivalent. 5,531 million Btu's per hour equates to 5,400 Mscfh.*

9. Would the timing of the power plant construction or its natural gas availability be impacted by Petition No. 1168 - Algonquin Gas Transmission, LLC - Atlantic Bridge Project which includes an upgrade to the Oxford Gas Compressor Station?

**RESPONSE:** *No, neither the timing of construction nor the availability of gas will be impacted by the Atlantic Bridge Project, which is expected to be completed prior to the 2017-2018 winter heating season.*

10. Based on the most current design, what would be the approximate route from the natural gas lateral to the meter and regulation station?

**RESPONSE:** *Please refer to the Attachment for Response #10 for the approximate routing from the natural gas lateral to the meter and regulation station.*

11. What is the proposed chain link mesh size? If the Council ordered a chain link mesh size less than two inches, would CPV object?

**RESPONSE:** *The proposed chain link size is 2". Providing a smaller chain link mesh size would be a special order fence that would result in a cost increase to the project. Respectfully, CPV requests that the Council accept the 2" chain link size.*

12. What is the estimated full load run time of the diesel backup generator?

**RESPONSE:** *Estimated full load run time for the backup generator is less than 30 hours per year. The unit will run for approximately 1 hour every 2 weeks to ensure reliability of the unit. Beyond this testing, the unit would only be used during a "black plant" event due to a power outage coincident with the plant not operating, an event which cannot reasonably be forecasted.*

13. The Final Construction Traffic Plans provide the traffic route in text format. Provide a traffic route map or drawing.

**RESPONSE:** *Please refer to Attachment for Response #13 – Construction Traffic Routing for a map detailing the route described in the Final Construction Traffic Plan.*

14. What is the status of permitting for the water pump station to be located on Lot 5 of the Woodruff Hill Industrial Park Subdivision?

***RESPONSE: The Town of Oxford, as the property owner of Lot #5 and the applicant, is in the process of obtaining appropriate approvals and authorizations for the water pump station.***

15. Provide a drawing of the approximate route of water and sewer from the stubs on the subject property to the power plant.

***RESPONSE: The engineering drawing will not be available until post financial close, when detailed engineering of piping and instrumentation commences. However, CPV Towantic expects that the piping for water will run north along the western border of the site and turn east when it reaches the water demineralization and storage area. Similarly, the sewer piping is expected to follow a similar route, except it will likely turn east at the admin building due north of the water demineralization and storage area. A preliminary drawing is attached as Attachment for Response #15.***

16. Provide a drawing indicated which areas would not be cleared, i.e. where existing vegetation would be maintained.

***RESPONSE: Please refer to Attachment for Response #16, for a drawing showing the areas where existing vegetation will be maintained.***

17. Indicate the location of the laydown area(s).

***RESPONSE: Please see Attachment for Response #17, for a map of Lots 4, 5 and 6 (the locations of the proposed laydown areas) in the Woodruff Hill Industrial Park. CPV Towantic is also considering other potential laydown areas.***

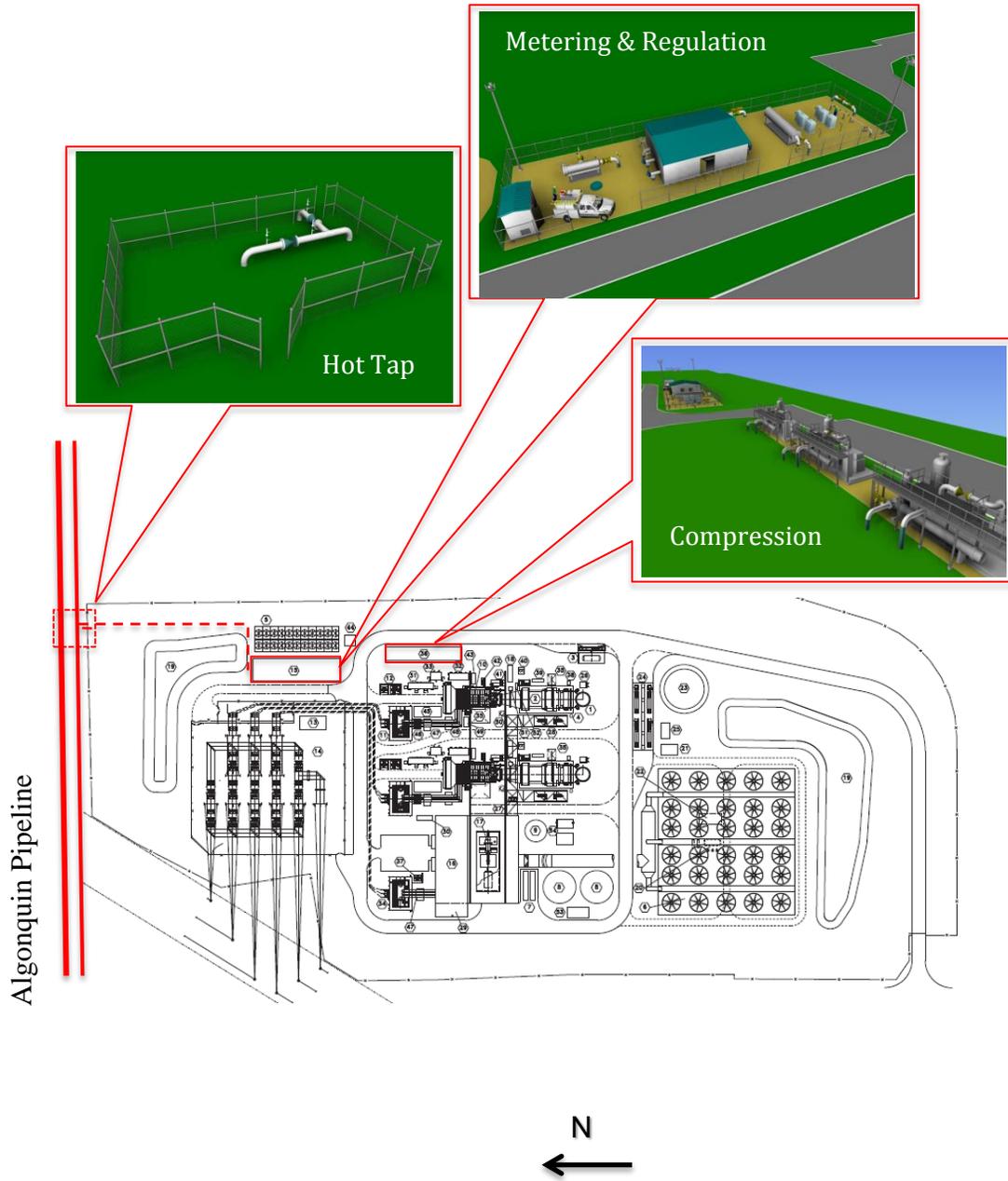
ATTACHMENT FOR

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*INTERROGATORY*

*#10*

Attachment for Interrogatory #10 – Natural Gas Interconnection Routing



ATTACHMENT FOR

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*INTERROGATORY*

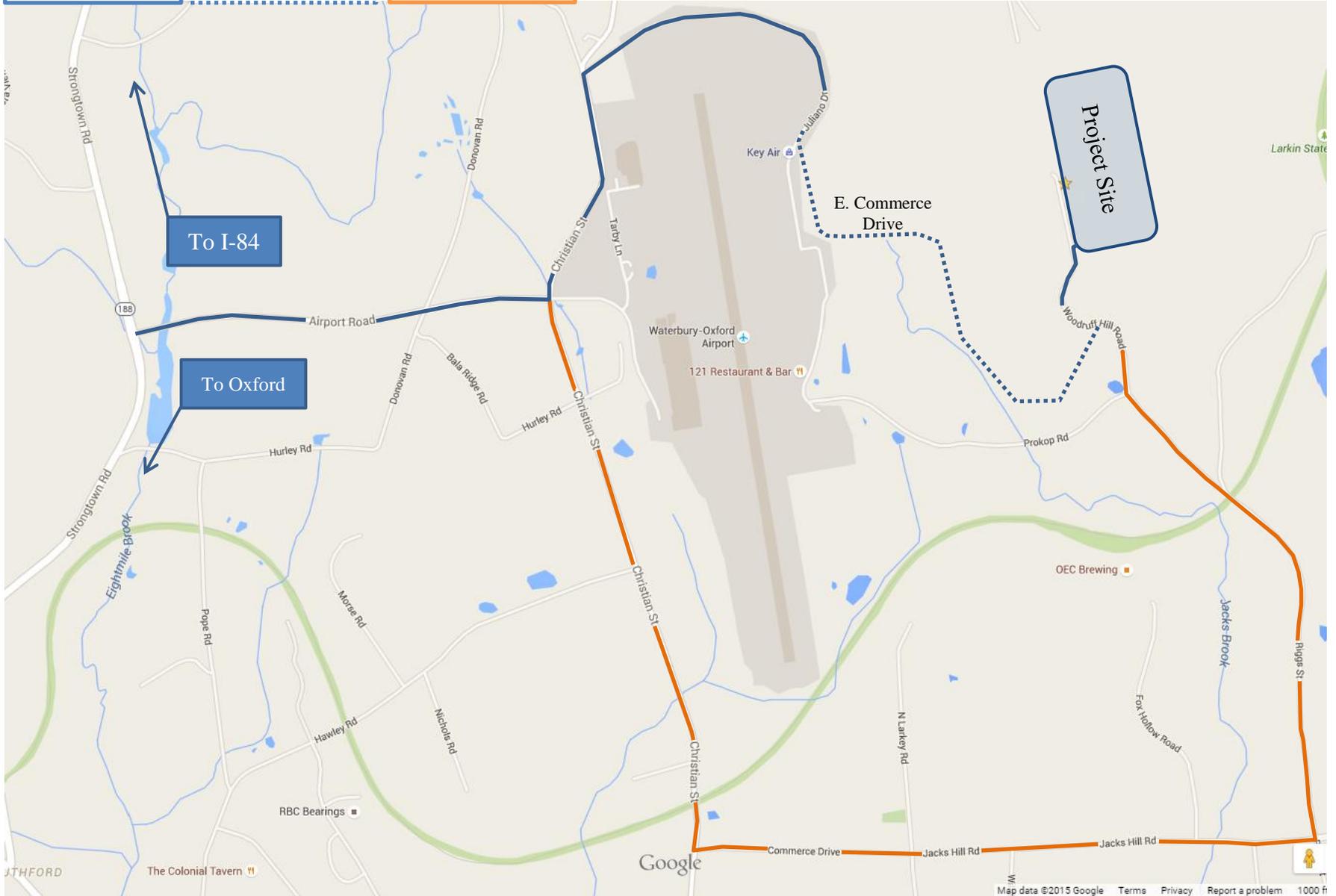
*#13*

Primary Route,  
Existing

Primary Route,  
To-Be Constructed

Initial Route,  
Existing

### Attachment for Interrogatory #13 – Construction Traffic Routing

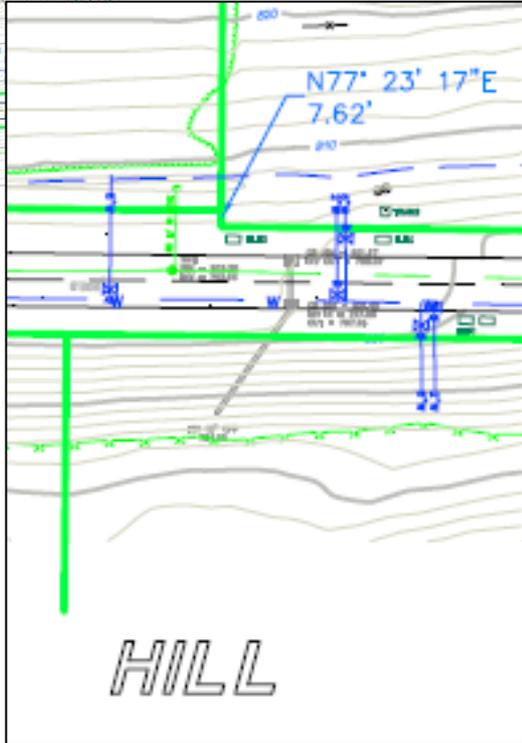
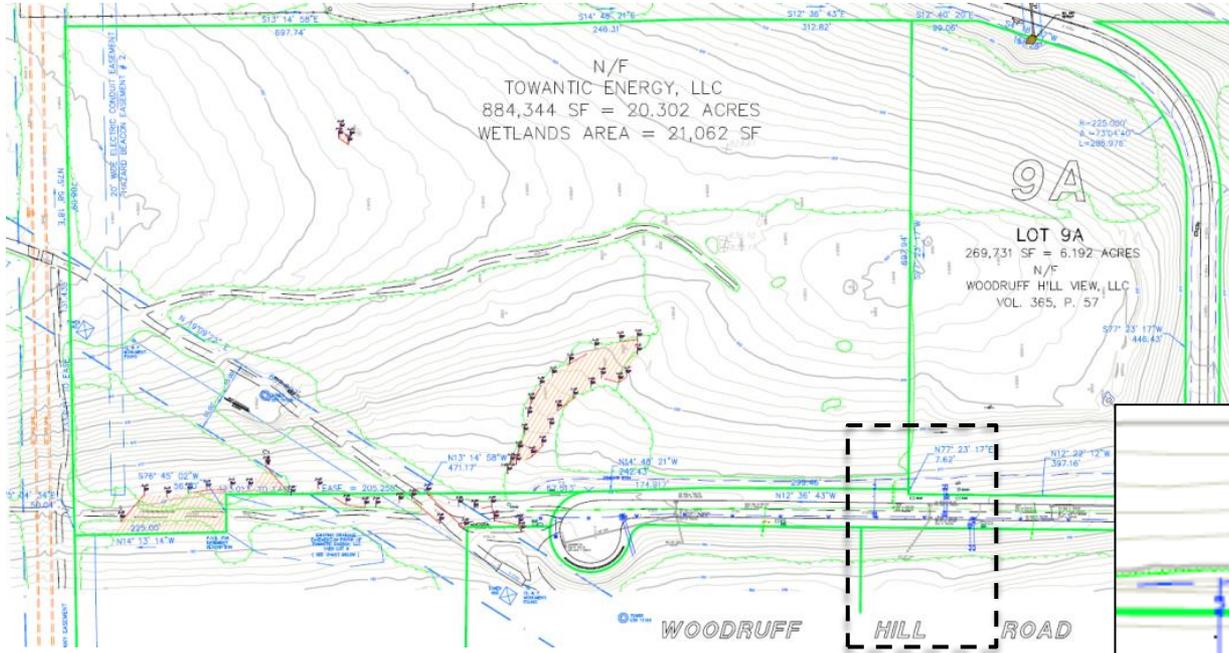


ATTACHMENT FOR

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*INTERROGATORY*

*#15*





ATTACHMENT FOR

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*INTERROGATORY*

*#17*

