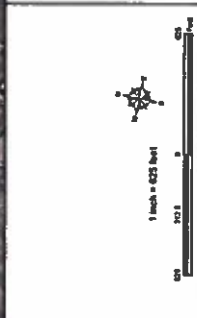


1



Figure ES-1
Preferred Route Map
Greenwich Substation and Line Project



Proposed Greenwich Substation Site
Existing Can Cat Substation

- Preferred Route Segment Point
- Route Variation Segment Point
- Preferred Route Segment Point
- Route Variation Segment Point
- Preferred Route Segment Point
- Route Variation Segment Point
- Preferred Route Segment Point
- Route Variation Segment Point

- Preferred Route HDD Crossing
- - Preferred Route Open Trench Crossing
- - - Preferred Route HDD Crossing
- - - Preferred Route Open Trench Crossing
- - - Preferred Route HDD Crossing
- - - Preferred Route Open Trench Crossing
- - - Preferred Route HDD Crossing
- - - Preferred Route Open Trench Crossing



2



Figure G-8A
MNRR/95 Crossing Variation
Greenwich Substation and Line Project

INDEX MAP

Legend

- Proposed Phase
- Proposed Phase NOD Crossing
- Proposed Phase Open Trench Crossing
- Proposed Phase NOD Crossing
- Proposed Phase Open Trench Crossing
- Proposed Phase NOD Crossing
- Proposed Phase Open Trench Crossing
- Proposed Phase NOD Crossing
- Proposed Phase Open Trench Crossing
- Proposed Phase NOD Crossing
- Proposed Phase Open Trench Crossing

Greenwich Permit (Greenwich OS)

- Greenwich
- Not/Classified

Proposed Phase

- Proposed Phase
- Proposed Phase NOD Crossing
- Proposed Phase Open Trench Crossing
- Proposed Phase NOD Crossing
- Proposed Phase Open Trench Crossing
- Proposed Phase NOD Crossing
- Proposed Phase Open Trench Crossing
- Proposed Phase NOD Crossing
- Proposed Phase Open Trench Crossing
- Proposed Phase NOD Crossing
- Proposed Phase Open Trench Crossing

Scale: 1 inch = 100 feet

North Arrow

3

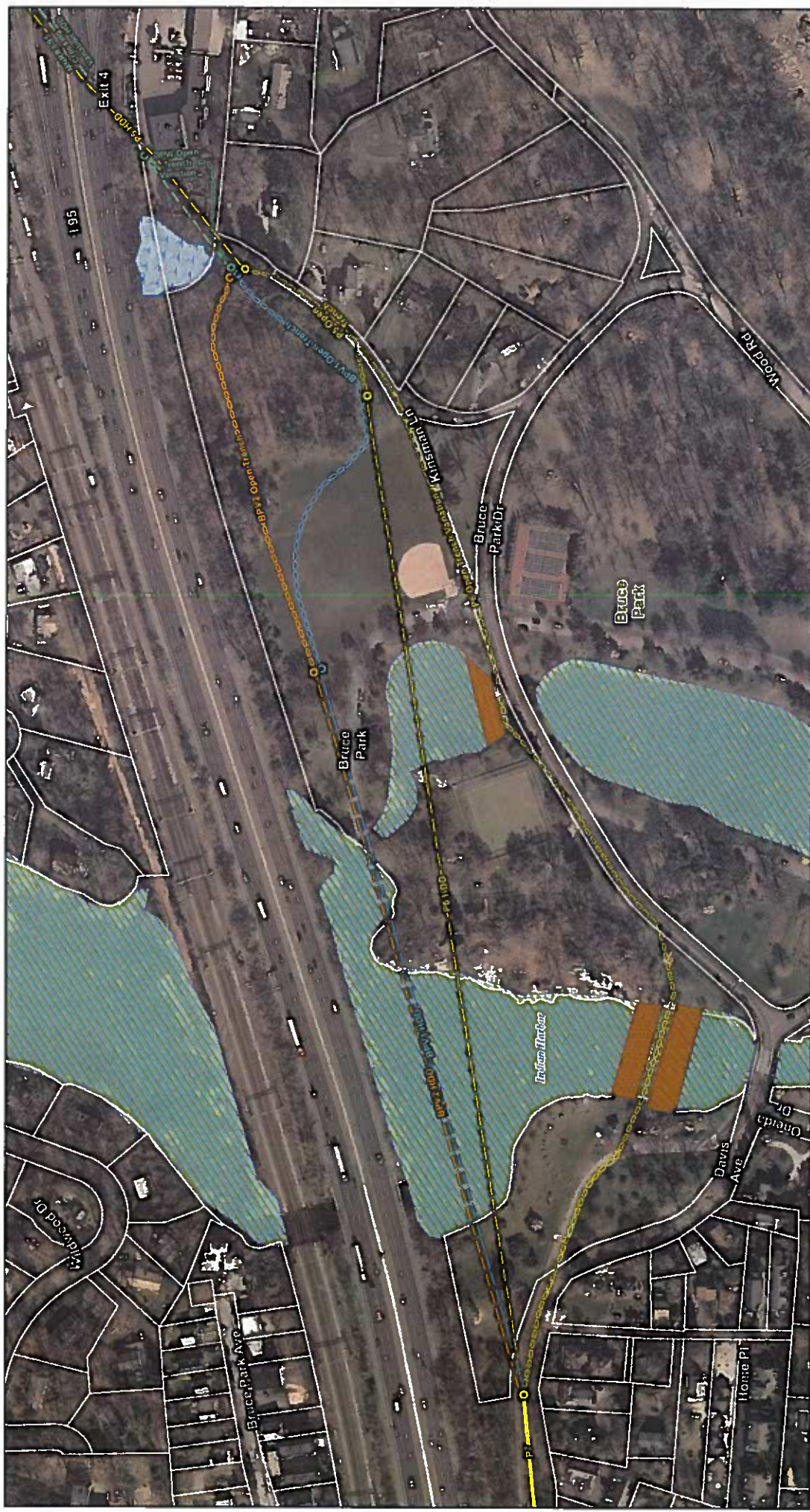


Figure G-8B
Additional Bruce Park
Crossing Variations

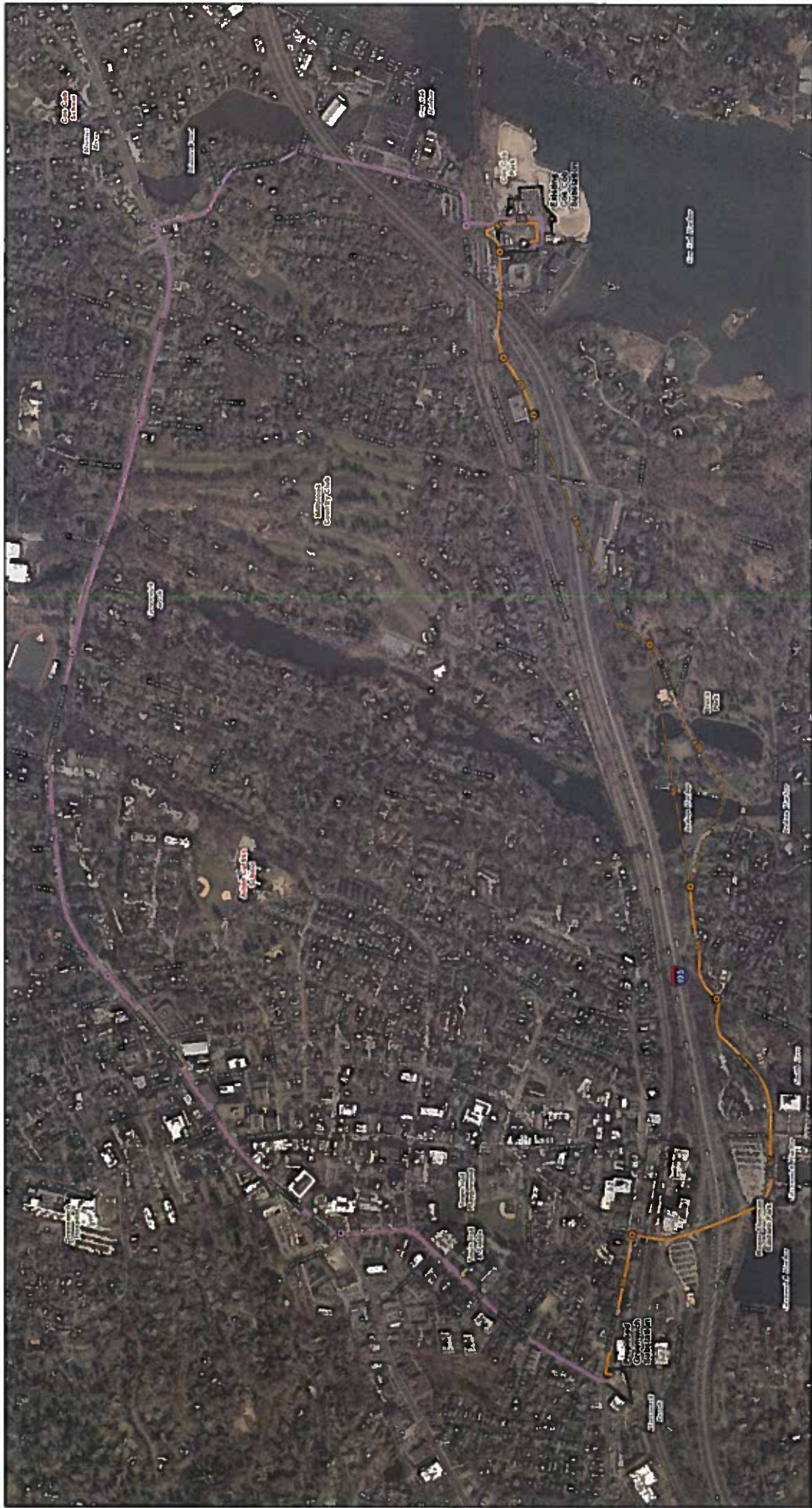
Greenwich Substation and Line Project

INDEX MAP

Scale: 1 inch = 175 feet

- Legend**
- Proposed Route
 - Proposed Route HDD Crossing
 - Proposed Route Open Trench Crossing
 - Route Variation HDD Crossing
 - Route Variation Open Trench Crossing
 - Proposed Corridor
 - Greenwash Parcel (Greenwash CR)
 - Inland Wetland
 - Tidal/Creeper Reserve
 - Proposed Route Segment Point
 - Route Variation Segment Point
 - Route Variation HDD Crossing Point
 - Route Variation Open Trench Crossing Point
 - Proposed Corridor
- Scale Map: 2015 Aerial Photograph (CTREC)

4



ES-2
Alternate Routes
 Greenwich Substation and Line Project

Legend

- Northern Alternative Segment Point
- Southern Alternative Segment Point
- Northern Alternative
- Southern Alternative
- Southern Alternative HDD Crossing
- - - Southern Alternative Open Trench Crossing

Proposed Greenwich Substation Site
Existing Cox Cog Substation

Scale: 1 inch = 750 feet

Source: Map: 2015 Aerial Photograph (CTREC)

INDEX MAP

5



STATE OF CONNECTICUT
DEPARTMENT OF TRANSPORTATION



2800 BERLIN TURNPIKE, P.O. BOX 317546
NEWINGTON, CONNECTICUT 06131-7546

Phone:

January 23, 2015

Ms. Jacqueline Gardell
Project Manager
The Connecticut Light & Power Company
56 Prospect Street
Hartford, CT 06103

Dear Ms. Gardell:

Subject: Evaluation of the Three Proposed Transmission Line Route Variations from Cos Cob Substation to Greenwich Substation

The Department of Transportation (Department) has reviewed The Connecticut Light & Power Company's (CL&P) proposal for three route variations of the new 115 kilovolt transmission lines from the Cos Cob Substation to the Greenwich Substation in Connecticut. The three proposed route variations reviewed by the Department were the North Easement, Middle Easement and South Easement.

As CL&P may be aware, the State is currently in the preliminary stages of outlining the vision for an improved transportation system. One of the key components of this vision will be to address the traffic congestion in the southwestern portion of the State, which includes Greenwich. Therefore, the Department does not endorse the utilization of the I-95 corridor or the New Haven line corridor when there are other viable alternatives.

The North Easements would have a serious detrimental impact to the Department and Metro-North Railroad (MNR). Any construction activities associated with the installation of overhead or underground transmission lines within 25 feet of the tracks would require a shutdown of the tracks and/or work could only be done at night. Based on the severity of the impact to the railroad facilities, a License Agreement with the Department's Office of Rails and a License Agreement and/or entry permit with MNR would be required.

Both the Middle Easement and South Easement are undesirable since they would prevent the Department from making improvements to I-95. Thus, for the Department to ensure that its interests are protected an Encroachment Agreement between CL&P and the Department would be required. Certainly, adoption of the Middle Easement or the South Easement route for the transmission facility may create a situation whereby CL&P would be required to relocate the newly installed transmission facility at its expense in the future.

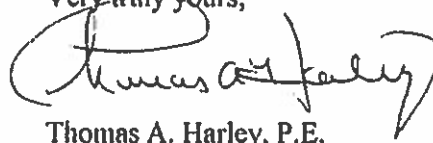
In both the Middle Easement and South Easement routes, the transmission facilities would impede the nonaccess lines of Interstate 95. The Department's Utility Accommodation Manual states that a utility facility shall not be permitted longitudinally within the right of way of a limited access highway.

Additional information concerning the established criteria for the longitudinal installation of utility facilities within the right of way of limited access is provided in the Department's publication entitled, "Utility Accommodation Manual," dated February 2009, which is available on-line at <http://www.ct.gov/dot/lib/dot/documents/dutilities/ACCOMMODATION.pdf>.

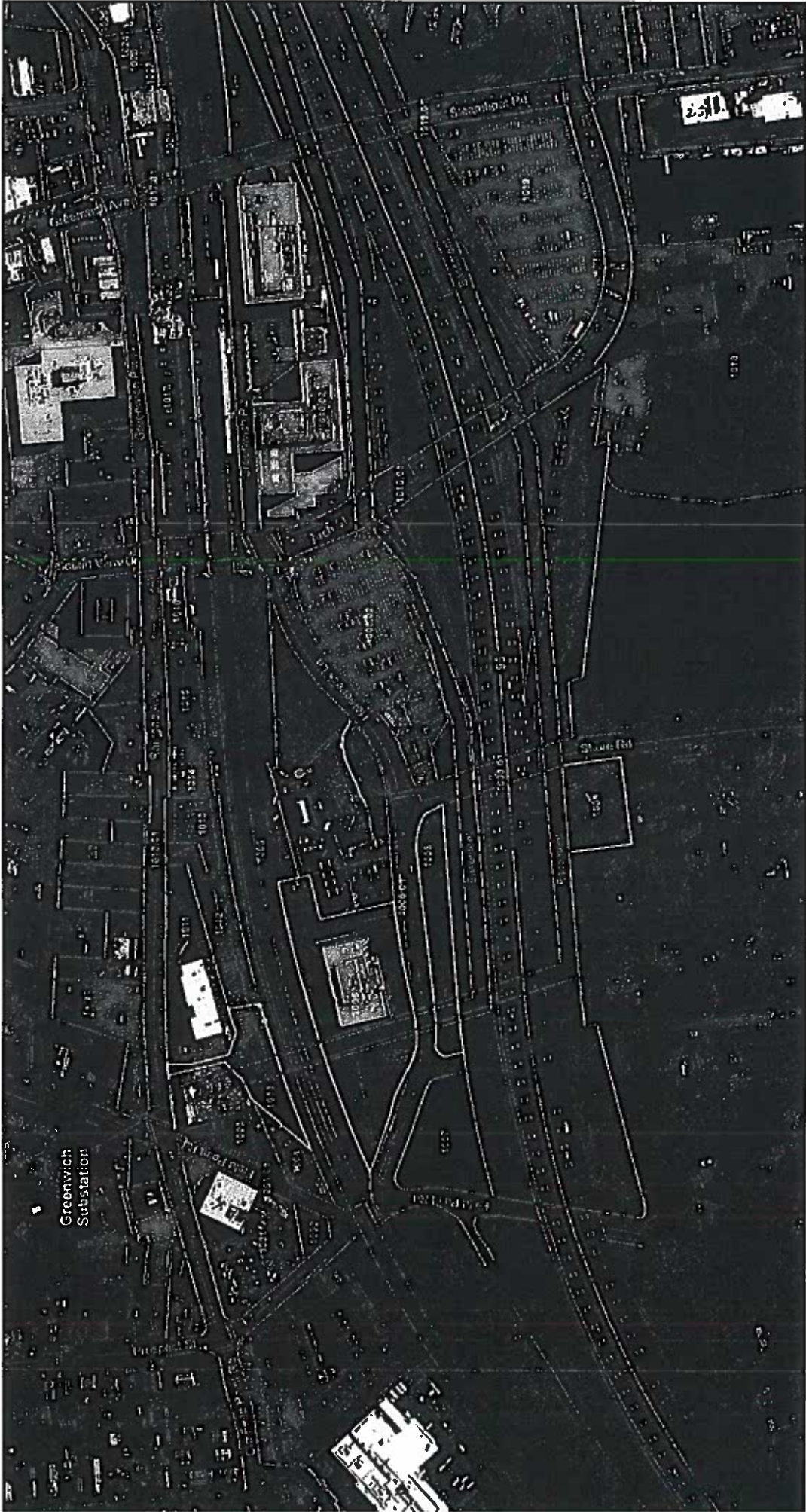
In summary, the Department has concluded that all three of these proposed route variations are not desirable.

Should you have any questions regarding this matter, please feel free to contact Mr. Sohrab Afrazi, Transportation Principal Engineer, Utilities Section, at (860) 594-3262.

Very truly yours,

A handwritten signature in black ink, appearing to read "Thomas A. Harley". The signature is written in a cursive style with a large initial 'T' and 'H'.

Thomas A. Harley, P.E.
Chief Engineer
Bureau of Engineering and Construction



CONCEPTUAL ROUTES Legend

- North Easement
- Middle Easement
- South Easement

Parcels

- Fee Purchase
- Easement
- Parcels



FOR DISCUSSION PURPOSES ONLY

N

Proposed Power Line Cob Cob Substation to Greenwich Substation	
Page 1 of 4	Comerstone
DRAWN BY: CS	SCALE: 1" = 200'
DATE: OCT 03, 2014	



CONCEPTUAL ROUTES Legend

- North Easement
- Middle Easement
- South Easement

Parcels

- ▭ Fee Purchase
- ▭ Easement
- ▭ Parcels



FOR DISCUSSION PURPOSES ONLY

Proposed Power Line
Cos Cob Substation to
Greenwich Substation

Page 2 of 4

DRAWN BY: CS

DATE: OCT 03, 2014



Cornerstone

SCALE: 1" = 200'



CONCEPTUAL ROUTES Legend

- North Easement
- Middle Easement
- South Easement

- Parcels**
- ▭ Parcel Purchase
 - ▭ Easement
 - ▭ Parcels



FOR DISCUSSION PURPOSES ONLY



Proposed Power Line
Cos Cob Substation to
Greenwich Substation

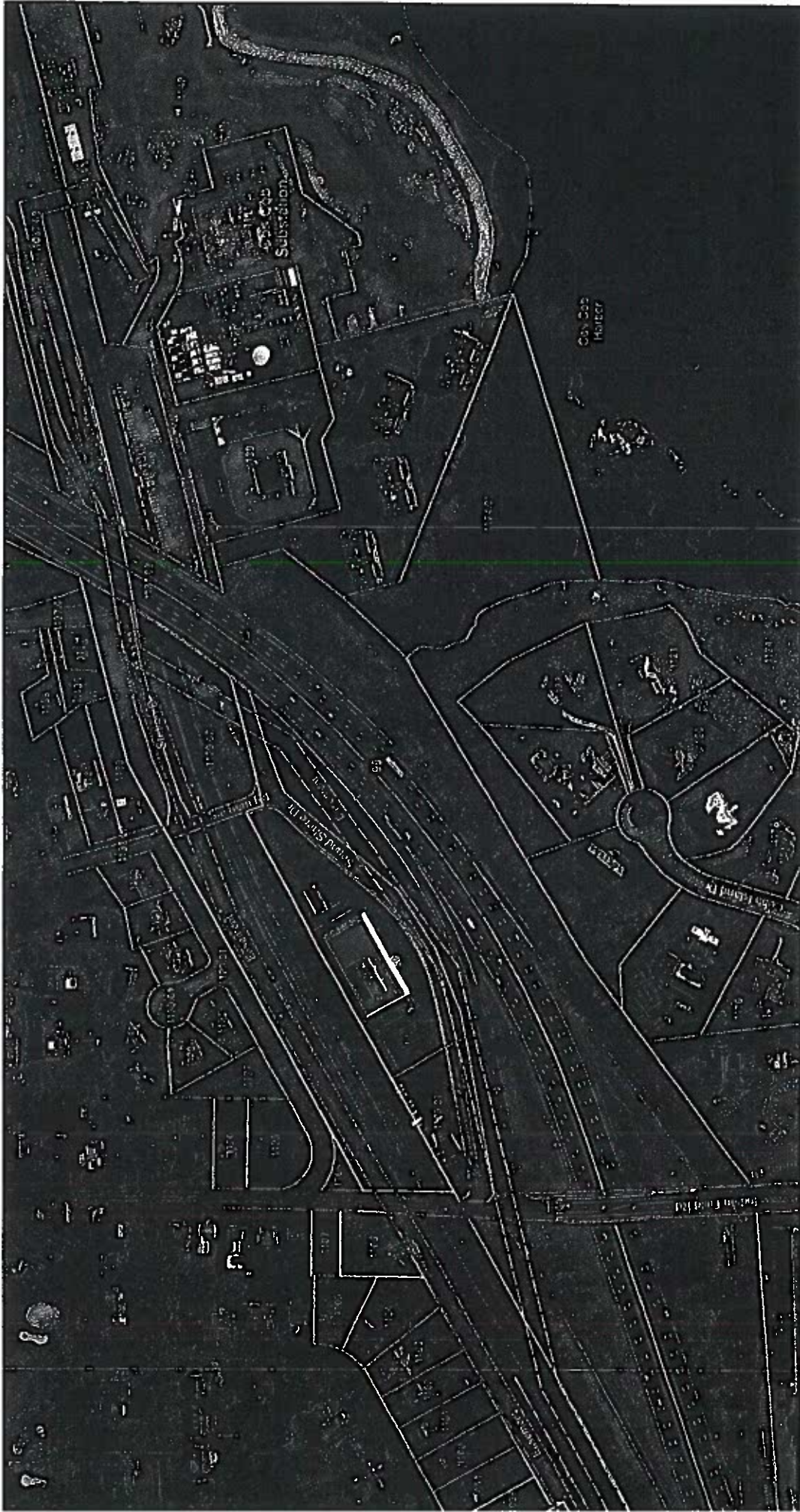


Page 3 of 4

DRAWN BY: CS

DATE: OCT 03, 2014

SCALE: 1" = 200'



CONCEPTUAL ROUTES Legend

- North Easement
- Middle Easement
- South Easement

- Parcels
- Purchase Type
 - Fee Purchase
 - Easement
 - Parcels



FOR DISCUSSION PURPOSES ONLY

Proposed Power Line Cos Cob Substation to Greenwich Substation	
Page 4 of 4	Cornerstone
DRAWN BY: CS	SCALE: 1" = 200'
DATE: OCT 03, 2014	

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TOWN OF GREENWICH

Town Hall • 101 Field Point Road • Greenwich, CT 06830

Inland Wetlands
and
Watercourses Agency
(203) 622-7736
(Fax) (203) 622-7764

Michael N. Chambers
Director

March 27, 2015

Justin W. Adams
Environmental Affairs
Eversource Energy
107 Selden Street
Berlin, CT 06037

Re: Eversource Energy Greenwich Substation and Transmission Line Project

Dear Mr. Adams:

The Greenwich Inland Wetlands & Watercourses Agency (the Agency) is providing the following comments in response to the information contained in the February 2015 Municipal Consultation Filing report on Eversource Energy's Greenwich Substation and Transmission Line Project (the Project). The Agency considered the Project at its February 23 and March 23, 2015 regular monthly meetings. Agency members reviewed the February 2015 Municipal Consultation Filing report as they considered what questions, comments, concerns, and recommendations they wished to submit to Eversource Energy regarding the preliminary project design. At the conclusion of its discussion at the March 23rd meeting, the Agency voted unanimously to approve the submission of the following comments in response to the Municipal Consultation Filing:

Greenwich Substation at 290 Railroad Avenue

There are no wetlands or watercourses on the 290 Railroad Avenue property or within its 100' Upland Review Area. Horseneck Brook, the closest wetland or watercourse to the site, is about 120' to the southwest. The Agency finds that the substation can be constructed without impact to Horseneck Brook and other off-site wetland and watercourse areas if standard erosion and sedimentation control measures are employed during the Project, with particular attention paid to isolating the catch basins and drain lines that exist on the site so they do not become conduits for sediment or other waterborne material to bypass the perimeter erosion controls.

Transmission Line

The Municipal Consultation Filing report describes a number of alternative routes that were considered for connecting the Sound Shore Drive substation with the new Greenwich substation. The “Preferred Route with Horizontal Directional Drilling (HDD)” appears to the Agency to pose the least potential of causing adverse wetland impacts out of all of the alternatives, including the open trench variant of the Preferred Route, which would require coffer damming across Indian Harbor north of Davis Avenue. The following comments refer to the “Preferred Route with HDD” alternative:

1. There is a pocket wetland at the northeast end of Kinsman Lane on the Town of Greenwich Public Works garage property (100 Field Point Road). This wetland is described in IWWA Application #2005-112 as a rocky, wooded wetland that has been impacted by surrounding land uses.
 - Eversource Energy should develop an erosion and sedimentation control plan designed specifically for this site that will protect this wetland from all sediment inputs. This plan should include measures to control the slurry from the HDD operation and to properly filter water that is pumped from open trench excavations.
2. The Municipal Consultation Filing report describes the work corridor for trenching will be 24’ wide (p.I-4), the trenches will be 8 – 10’ deep (p.G-5) and up to 5’ wide where shoring is needed (p.I-7), and the splice vaults that will be placed every 2,000 – 2,800 feet require excavations 12’ wide x 24’ long x 12’ deep.
 - Appropriate measures for excavation dewatering, inlet protection, spill prevention, and preservation of existing woody vegetation in the vicinity of wetlands and watercourses are among the key components of the erosion and sedimentation control plan the Agency expects to see prior to the commencement of construction. Provisions should also be made to isolate the primary and secondary Construction Support Areas (p.I-5) with appropriate E&S controls, anti-tracking pads, etc. The Agency would like to review any details of these and the other E&S measures that will be employed during this project that Eversource Energy can provide prior to the completion of its “Development and Management Plan” (p.ES-8, G-1).
3. The Municipal Consultation Filing report states that Eversource Energy will “work closely with Town officials and affected private landowners to develop an appropriate plan to be implemented at the completion of the project [to restore vegetation impacted by removals or pruning]” (p.G-10).
 - The Agency expects Eversource Energy to restore affected vegetation in the vicinity of wetlands and watercourses as soon as the work in each of these areas has been finished, not at the end of the Project.

4. Agency members and IWWA staff make regular inspection trips around Town and, in doing so, may happen to observe construction practices related to the installation of the substation or transmission lines that might be revised in order to better protect wetlands and watercourses, such as silt fencing that needs maintenance or trenches being dewatered by a method that is not adequately filtering out sediment.
 - The Agency expects that Eversource Energy will promptly address any such concerns that the Agency may bring to its attention. In order to facilitate communications, the Agency would like Eversource Energy to provide it with contact information for an individual who can be reached with any issues that may arise and who has the authority to ensure a response to address such issues.

[Note: The Agency was informed at its March 23, 2015 meeting that Justin W. Adams will serve as the Agency's point of contact with Eversource Energy during this project. Mr. Adams' title is Senior Licensing and Permitting Specialist, Environmental Affairs and his contact information is Eversource Energy, 107 Selden Street, Berlin, CT 06037 / (860) 839-8373 / justin.adams@eversource.com]

Please share the Agency's comments with the Connecticut Siting Council. The Agency looks forward to continued cooperation with Eversource Energy during implementation of this Project.

Sincerely,


Robert E. Clausi
Acting Director

c: Peter Tesei, First Selectman

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PUBLIC NOTICE

Applicant:

The Connecticut Light and Power Company dba Eversource Energy

Type of Facility:

Electrical Substation and Electric Transmission Line Facility

Public Hearing Date:

**Tuesday, September 1, 2015
3:00 PM and 6:30 PM**

**Greenwich Public Library – Cole Auditorium
101 West Putnam Avenue, Greenwich, CT**

Applicable Documents for the Greenwich Substation and Line Project are available at <http://ct.gov/csc> under Pending Proceedings - Docket 461

Connecticut Siting Council Contact Information:

**(860) 827-2935 or <http://ct.gov/csc> or siting.council@ct.gov
10 Franklin Square, New Britain, Connecticut 06051**

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PUBLIC NOTICE

The Connecticut Light and Power Company aka EverSource Energy

Electrical Substation and Electric Transmission Line Facility

Site # 1001

Public Hearing Date:

Tuesday, September 1, 2015

3:00 PM and 6:30 PM

Greenwich Public Library - Cole Auditorium

101 West Putnam Avenue, Greenwich, CT

Applicable Documents for the Greenwich Substation and Line Project are

available at <http://dlr/ctsc.com/ctsc> under Pending Proceedings - Docket 461

For more information, please contact:

1001 827-21 or publicnotice@ctsc.com

1001 827-21 or publicnotice@ctsc.com

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