

CARMODY & TORRANCE LLP

Attorneys at Law

Marianne Barbino Dubuque  
Partner

50 Leavenworth Street  
Post Office Box 1110  
Waterbury, Connecticut  
06721-1110

Telephone: 203 573-1200  
Facsimile: 203 575-2600  
www.carmodylaw.com

Direct: 203-578-4218  
mdubuque@carmodylaw.com

June 5, 2007



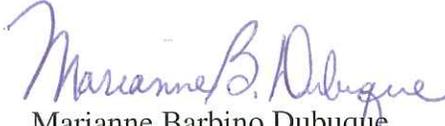
Daniel F. Caruso, Chairman  
Connecticut Siting Council  
10 Franklin Square  
New Britain, CT 06051

RE: **DOCKET NO. 327** The Connecticut Light and Power Company Application for a Certificate of Environmental Compatibility and Public Need for the Construction, Maintenance, and Operation of a Proposed Substation Located Off Commerce Park Drive, Oxford, Connecticut

Dear Chairman Caruso:

As part of a continuing obligation under Connecticut General Statutes §16-50o(c), enclosed please find twenty (20) copies of a letter agreement dated May 30, 2007 provided to the Connecticut Department of Transportation, to be made part of the record in this Docket.

Very truly yours,

  
Marianne Barbino Dubuque

MBD/pam  
Enclosures



**Northeast  
Utilities System**

107 Selden Street, Berlin, CT 06037

Northeast Utilities Service Company  
P.O. Box 270  
Hartford, CT 06141-0270  
(860) 665-5000

May 30, 2007

Mr. Richard Jaworski  
Bureau Chief  
Bureau of Aviation and Ports  
Connecticut Department of Transportation  
2800 Berlin Turnpike  
Newington, CT 06067

Re: Oxford Substation Project, Oxford, CT

Dear Mr. Jaworski:

The Connecticut Light & Power (CL&P) is pleased to provide the enclosed information relative to CL&P's proposed substation project in Oxford, CT. This information was requested by ConnDOT staff during a meeting in your Newington offices on May 15, 2007. Specifically, we are transmitting the following:

1. Preliminary design drawings illustrating a potential reconfiguration of existing transmission lines and lowering of certain existing transmission structures within CL&P's existing right-of-way south of the Waterbury-Oxford Airport. Please note that this design, if implemented, would remove existing towers and transmission lines from the 50:1 approach path for the Airport.
2. A planning grade estimate, prepared by CL&P engineering and estimating staff, showing an approximate cost of \$4.1 million (not including contingency) for such reconfiguration and structural modifications.

If you or your staff has any questions regarding this information, please do not hesitate to contact Jeff Martin, Project Manager, at (860) 665-5930. Mr. Martin will be following up directly with ConnDOT staff to further discuss this matter and to pursue a long-term solution that meets the needs of both parties.

However, in the short-term, it is important to recognize that a new substation is urgently needed in Oxford and that CL&P sincerely believes that the proposed Oxford Substation can safely co-exist with the current Airport operations. Please note that as of December 2004 and January 2005, the proposed Oxford Substation was depicted on ConnDOT's Airport drawings in its present location (copies of the drawings are enclosed for your reference). Therefore, CL&P was acting with the understanding that the Oxford Substation itself would not pose any concerns and has continued to pursue this important project.

Nevertheless, CL&P remains committed to working closely with ConnDOT and Airport representatives to address concerns raised relative to the existing transmission lines near Waterbury-Oxford Airport, and to identifying and pursuing a long-term solution.

Regards,

A handwritten signature in cursive script that reads "Kenneth B. Bowes".

Kenneth B. Bowes  
Director, Transmission Projects

w/enclosures

cc: David M. Head, Transportation Supervising Planner, ConnDOT  
Robert Bruno, ConnDOT  
Matthew J. Kelly, Airport Operations Coordinator, Waterbury-Oxford Airport  
Jeff Martin, Project Manager, Northeast Utilities

**ESTIMATE SUMMARY**

**C L & P**

**Project Title: Transmission Line Relocation Study-Oxford, CT-REVISION 3.**

**Estimate By: JWH**

**Project Mgr/Lead:**

**ISD: 12/31/2008**

**Project Number: TBD**

**Estimate # C07-054**

**TPS # TBD**

**FOUR CIRCUIT OPTION-NO S/S**

**ESTIMATE SUMMARY**

**ESTIMATE TYPE: Conceptual**

	<b>TOTAL</b>	<b>2007</b>	<b>2008</b>	<b>2009</b>	<b>2010</b>	<b>2011</b>
CONSTRUCTION	\$2,063,460	\$0	\$2,063,460	\$0	\$0	\$0
ENGINEERING/DESIGN	\$51,948	\$0	\$51,948	\$0	\$0	\$0
LAND	\$0	\$0	\$0	\$0	\$0	\$0
MATERIAL	\$1,268,092	\$0	\$1,268,092	\$0	\$0	\$0
PROJECT MGR & SUPPORT	\$45,780	\$0	\$45,780	\$0	\$0	\$0
REMOVAL	\$264,494	\$0	\$264,494	\$0	\$0	\$0
TEST	\$0	\$0	\$0	\$0	\$0	\$0
INDIRECTS	\$437,531	\$0	\$437,531	\$0	\$0	\$0
<b>Total Cost</b>	<b>\$4,131,305</b>	<b>\$0</b>	<b>\$4,131,305</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>
<b>Contingency</b>	<b>\$738,755</b>	<b>\$0</b>	<b>\$738,755</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>

(\$ Included Above)

**COMMENTS:**

**Project Scope:** Install 8 Single Pole Single Circuit Steel Poles.  
 Install 4 Double Circuit Single Steel Poles  
 Install 11 Wood H-Frame Structures, Double Circuit Single Poles.  
 New 556 ACSR Conductor and OHGW will also be installed.  
 Remove 8 Steel Lattice Towers as well as existing Conductor and OHGW.  
 See attached drawing for Details.  
 Siting Council Costs Included.  
 No Substation Work Costs in this Estimate.

**Assumptions:** Engineering and Material Purchase In-House.  
 Installation by Outside Vendor.  
 No New R/W is Needed.  
 Right-of-Way Access is open.

**Project Planning** *[Signature]* 21 May 07 **S/S Engr Mgr**  
 Graham L. McTavish Date  
 A. R. Goucher Date

**Trans Engr Mgr** *[Signature]* 29 May 07 **P&C Engr Mgr**  
 J. F. Ferraro Date

**Construction Mgr** \_\_\_\_\_ **Proj Mgr/Lead** \_\_\_\_\_  
 Date Date

Project Number: TBD

Project Title: Transmission Line Relocation Study-Oxford, CT-REVISION 3.

**FOUR CIRCUIT OPTION-NO S/S**

Escalation Rate 4%			Rate \$ 370		1		2		3		4			
			2007		2008		2009		2010		2011		TOTAL	
			MDYS	DOLLARS	MDYS	DOLLARS	MDYS	DOLLARS	MDYS	DOLLARS	MDYS	DOLLARS	MDYS	DOLLARS
<b>CSTXX-CONSTRUCTION</b>														
Electrical Construction	LT		\$0		\$0		\$0		\$0		\$0		0	\$0
General Construction	LT		\$0		\$0		\$0		\$0		\$0		0	\$0
Transmission Automation	LT		\$0		\$0		\$0		\$0		\$0		0	\$0
Construction Repts	LT		\$0		100	\$38,480	\$0		\$0		\$0		100	\$38,480
Support Switch/Tag	LT		\$0		15	\$5,772	\$0		\$0		\$0		15	\$5,772
<b>LT Total</b>			0	\$0	115	\$44,252	0	\$0	0	\$0	0	\$0	115	\$44,252
Employee Expenses (10%)	AE	5%	\$0		\$2,213		\$0		\$0		\$0		\$0	\$2,213
Construction Purchased Material (1%)	AM	1%	\$0		\$15,797		\$0		\$0		\$0		\$0	\$15,797
Construction Vendor	AQ		\$0		\$1,579,656		\$0		\$0		\$0		\$0	\$1,579,656
Vehicles (20%)	AV	20%	\$0		\$8,850		\$0		\$0		\$0		\$0	\$8,850
Fees and Payments	BF		\$0		\$0		\$0		\$0		\$0		\$0	\$0
Rents and Leases	BR		\$0		\$0		\$0		\$0		\$0		\$0	\$0
<b>CSTXX Subtotal</b>			\$0		\$1,650,768		\$0		\$0		\$0		\$0	\$1,650,768
Contingency	P1	25%	\$0		\$412,892		\$0		\$0		\$0		\$0	\$412,892
<b>CSTXX Total</b>			0	\$0	115	\$2,063,460	0	\$0	0	\$0	0	\$0	115	\$2,063,460
<b>ENRXX-TG ENGINEERING/DESIGN</b>														
Project Services/Drafting	LT		\$0		20	\$7,696	\$0		\$0		\$0		20	\$7,696
Transmission Engineering/Design	LT		\$0		30	\$11,544	\$0		\$0		\$0		30	\$11,544
Civil Engineering/Design	LT		\$0		15	\$5,772	\$0		\$0		\$0		15	\$5,772
Substation Engineering/Design	LT		\$0		20	\$7,696	\$0		\$0		\$0		20	\$7,696
Distribution SS Engineering/Design	LT		\$0		\$0		\$0		\$0		\$0		0	\$0
Protection & Controls Engineering	LT		\$0		\$0		\$0		\$0		\$0		0	\$0
Survey Engineering	LT		\$0		15	\$5,772	\$0		\$0		\$0		15	\$5,772
Telecom Engineering	LT		\$0		\$0		\$0		\$0		\$0		0	\$0
<b>LT Total</b>			0	\$0	100	\$38,480	0	\$0	0	\$0	0	\$0	100	\$38,480
Employee Expenses (5%)	AE	5%	\$0		\$1,924		\$0		\$0		\$0		\$0	\$1,924
Contractor Engineering	AQ		\$0		\$0		\$0		\$0		\$0		\$0	\$0
Vehicles (3%)	AV	3%	\$0		\$1,154		\$0		\$0		\$0		\$0	\$1,154
<b>ENRXX Subtotal</b>			\$0		\$41,558		\$0		\$0		\$0		\$0	\$41,558
Contingency	P1	25%	\$0		\$10,390		\$0		\$0		\$0		\$0	\$10,390
<b>ENRXX Total</b>			0	\$0	100	\$51,948	0	\$0	0	\$0	0	\$0	100	\$51,948
<b>LNDXX-TG LAND</b>														
Real Estate	LT		\$0		\$0		\$0		\$0		\$0		0	\$0
<b>LNDXX Subtotal</b>			\$0		\$0		\$0		\$0		\$0		\$0	\$0
Contingency	P1	10%	\$0		\$0		\$0		\$0		\$0		\$0	\$0
<b>LNDXX Total</b>			0	\$0	0	\$0	0	\$0	0	\$0	0	\$0	0	\$0
<b>MATXX-TG MATERIAL</b>														
See attached	AM		\$0		\$856,874		\$0		\$0		\$0		\$0	\$856,874
Freight		3%	\$0		\$25,700		\$0		\$0		\$0		\$0	\$25,700
Sales Tax		5%	\$0		\$39,700		\$0		\$0		\$0		\$0	\$39,700
Stores Expense Allocation (ZC)		10%	\$0		\$92,200		\$0		\$0		\$0		\$0	\$92,200
<b>MATXX Subtotal</b>			\$0		\$1,014,474		\$0		\$0		\$0		\$0	\$1,014,474
Contingency	P1	25%	\$0		\$253,618		\$0		\$0		\$0		\$0	\$253,618
<b>MATXX Total</b>			\$0		\$1,268,092		\$0		\$0		\$0		\$0	\$1,268,092
<b>PSMXX-PROJECT MANAGER &amp; SUPPORT</b>														
Project Planning	LT		\$0		15	\$5,772	\$0		\$0		\$0		15	\$5,772
Project Management	LT		\$0		20	\$7,696	\$0		\$0		\$0		20	\$7,696
Contracts/Purchasing	LT		\$0		5	\$1,924	\$0		\$0		\$0		5	\$1,924
Legal	LT		\$0		\$0		\$0		\$0		\$0		0	\$0
Transmission Planning	LT		\$0		\$0		\$0		\$0		\$0		0	\$0
Environmental	LT		\$0		\$0		\$0		\$0		\$0		0	\$0
<b>LT Total</b>			0	\$0	40	\$15,392	0	\$0	0	\$0	0	\$0	40	\$15,392
Employee Expenses (5%)	AE	5%	\$0		\$770		\$0		\$0		\$0		\$0	\$770
Vehicles (3%)	AV	3%	\$0		\$462		\$0		\$0		\$0		\$0	\$462
Fees and Payments (Siting Council)	BF		\$0		\$20,000		\$0		\$0		\$0		\$0	\$20,000
<b>PSMXX Subtotal</b>			\$0		\$36,624		\$0		\$0		\$0		\$0	\$36,624
Contingency	P1	25%	\$0		\$9,156		\$0		\$0		\$0		\$0	\$9,156
<b>PSMXX Total</b>			0	\$0	40	\$45,780	0	\$0	0	\$0	0	\$0	40	\$45,780
<b>REMXX-TG REMOVAL</b>														
Engineering/Design	LT		\$0		10	\$3,848	\$0		\$0		\$0		10	\$3,848
Employee Expenses (15%)	AE	15%	\$0		\$577		\$0		\$0		\$0		\$0	\$577
Outside Services	AO		\$0		\$0		\$0		\$0		\$0		\$0	\$0
Contractor Labor	AQ		\$0		\$206,400		\$0		\$0		\$0		\$0	\$206,400
Vehicles (20%)	AV	20%	\$0		\$770		\$0		\$0		\$0		\$0	\$770
Rents and Leases	BR		\$0		\$0		\$0		\$0		\$0		\$0	\$0
<b>REMXX Subtotal</b>			\$0		\$211,595		\$0		\$0		\$0		\$0	\$211,595
Contingency	P1	25%	\$0		\$52,899		\$0		\$0		\$0		\$0	\$52,899
<b>REMXX Total</b>			0	\$0	10	\$264,494	0	\$0	0	\$0	0	\$0	10	\$264,494
<b>TSTXX-TG TEST</b>														
Test Labor-In House	LT		0	\$0	0	\$0	0	\$0	0	\$0	0	\$0	0	\$0
Employee Expense (10%)	AE	10%	\$0		\$0		\$0		\$0		\$0		\$0	\$0
Contractor Test Labor	AQ		\$0		\$0		\$0		\$0		\$0		\$0	\$0
Vehicles (10%)	AV	10%	\$0		\$0		\$0		\$0		\$0		\$0	\$0
<b>TSTXX Subtotal</b>			\$0		\$0		\$0		\$0		\$0		\$0	\$0
Contingency	P1	25%	\$0		\$0		\$0		\$0		\$0		\$0	\$0
<b>TSTXX Total</b>			0	\$0	0	\$0	0	\$0	0	\$0	0	\$0	0	\$0
<b>TOTAL PROJECT DIRECT COST</b>			\$0		\$3,693,774		\$0		\$0		\$0		\$0	\$3,693,774
<b>INDIRECTS</b>														
Non-Productive Time Allocation (ZB)		17%	\$0		\$17,335		\$0		\$0		\$0		\$0	\$17,335
Payroll Benefits Allocation (ZE)		38%	\$0		\$2,193		\$0		\$0		\$0		\$0	\$2,193
Gen SVC CO OVRHD ALLOC (ZF)		67%	\$0		\$81,405		\$0		\$0		\$0		\$0	\$81,405
E&S Allocations (ZJ)		10%	\$0		\$198,896		\$0		\$0		\$0		\$0	\$198,896
AS&E Allocations (ZJ)		1%	\$0		\$36,938		\$0		\$0		\$0		\$0	\$36,938
AFUDC (ZK)		5%	\$0		\$100,764		\$0		\$0		\$0		\$0	\$100,764
<b>Indirects Subtotal</b>			\$0		\$437,531		\$0		\$0		\$0		\$0	\$437,531
<b>TOTAL PROJECT COST</b>			\$0		\$4,131,305		\$0		\$0		\$0		\$0	\$4,131,305

**UNIT PRICE ESTIMATE COSTS**  
**FOUR CIRCUIT OPTION-NO S/S**

Project Title: Relocation Study for Oxford, CT.--REVISION 3.

OVERHEAD CONSTRUCTION							EXTENDED COSTS				PROJECT	
DESCRIPTION	UNIT	QTY	UNIT PRICE	EXTENSION	TOTAL	TOTALS	TOTALS	TOTALS	TOTALS	TOTALS	TOTALS	TOTALS
						\$1,404,720	\$ 424,536	\$ 768,123	\$ 88,750	\$ 2,686,130		
						# of Man/	LABOR	EQUIPT.	MATERIAL	OTHER		
<p>1. Add 8-Single Circuit Single Steel Poles and 4 Double Circuit Single Steel Poles.                  2. Add 11 H-Frame Structures and OPGW (3).                  3. Remove 8 Steel Lattice Towers, Remove Conductor and OHGW.</p>												
<b>OVERHEAD CONSTRUCTION</b>												
Construction Material Testing	L.S.	12	\$	520	\$	6,240	-	-	-	6,240	-	-
Construction Staking / Survey	L.S.	1	\$	3%	\$	78,142	-	-	-	78,142	-	-
<b>Subtotal Overhead Costs \$ 84,382</b>												
<b>STRUCTURES</b>												
Wood Poles	Ea.	11	\$	20,668	\$	227,348	19,008	113,300	-	-	-	-
Pole Anchor & Downguy	Ea.	11	\$	2,819	\$	31,009	4,224	5,665	-	-	-	-
<b>115 KV Anchor Base Steel</b>												
75' Single Ckt Tangent	Ea.	8	\$	33,624	\$	268,992	18,432	158,400	-	-	-	-
90' Double Ckt Tangent	Ea.	4	\$	40,824	\$	163,296	9,216	108,000	-	-	-	-
<b>Subtotal Structures Costs \$ 690,645</b>												
<b>FOUNDATIONS</b>												
115KV Anchor Base	Ea.	8	\$	73,414	\$	587,312	153,600	123,600	-	-	2,912	-
90' Double Ckt Tangent	Ea.	4	\$	107,364	\$	429,456	115,200	82,400	-	-	1,456	-
<b>Subtotal Foundation Costs \$ 1,016,768</b>												
<b>OVERHEAD CONSTRUCTION</b>												
115 KV Insulators & Hardware	Set	23	\$	4,172	\$	95,956	44,160	47,380	-	-	-	-
Fiber Optic Conductor (556)	Ckt. Mi.	2	\$	159,350	\$	318,701	230,400	23,040	-	-	65,261	-
Splices	Mil.	2	\$	53,465	\$	106,929	57,600	5,760	-	-	43,569	-
Counterpoise	Allow	1	\$	34,680	\$	34,680	2,880	2,880	-	-	-	-
Removal of Conductor/OHGW	Mil.	1.25	\$	19,919	\$	24,898	18,000	1,800	-	-	5,099	-
Removal of Lattice Towers (8)	EA	2	\$	86,400	\$	172,800	138,240	34,560	-	-	-	-
<b>Subtotal Overhead Costs \$ 830,764</b>												
<b>ROW CONSTRUCTION</b>												
Land Clearing	Acre	1.00	\$	43,200	\$	43,200	14,400	-	-	-	-	-
Road Construction	Mil.	0.5	\$	46,740	\$	23,370	5,280	2,640	-	-	15,450	-
<b>Subtotal ROW Construction Costs \$ 66,570</b>												
<b>TOTAL ESTIMATED OH COST \$ 2,883,130</b>												



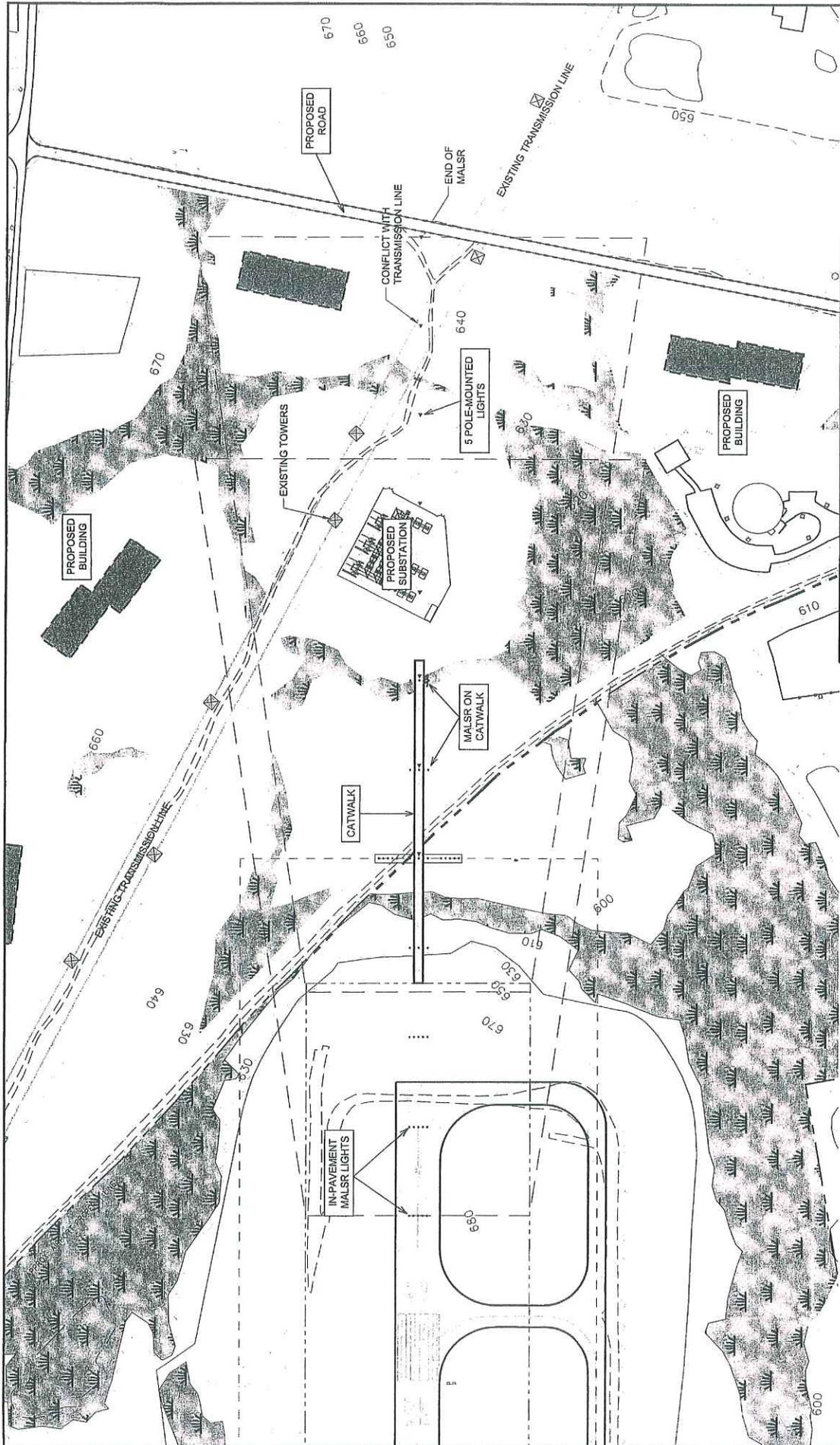


Figure 4-4  
**MALS DEVELOPMENT**  
 Connecticut Department of Transportation  
 Waterbury-Oxford Airport Master Plan  
 Oxford, Connecticut

**CHA**  
 CLOUGH, HARBOUR & ASSOCIATES LLP  
 ENGINEERS, ARCHITECTS & LANDSCAPE ARCHITECTS  
 111 WINNERS CIRCLE - ALBANY, NEW YORK - 12205  
 DATE: DECEMBER 2004 SCALE: AS NOTED

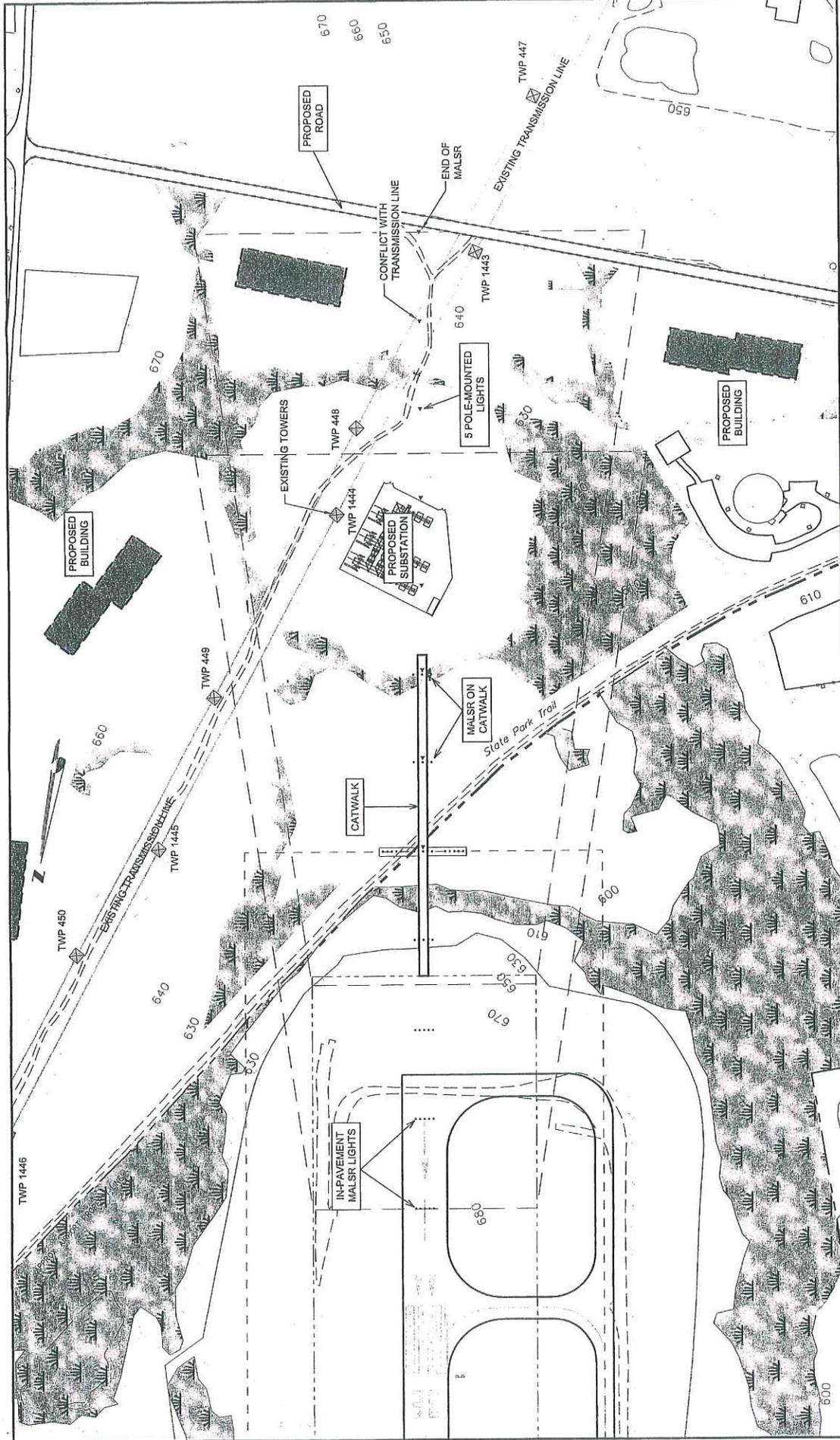


Figure 4-4

**MALSR DEVELOPMENT**  
 Connecticut Department of Transportation  
 Waterbury-Oxford Airport Master Plan  
 Oxford, Connecticut



DATE: JANUARY 2005 SCALE: AS NOTED



File: U:\1248\ACAD\DWG-3\_12485.dwg User: 976 1/12/2005 01:57 PM