



# STATE OF CONNECTICUT

## CONNECTICUT SITING COUNCIL

Ten Franklin Square, New Britain, CT 06051

Phone: (860) 827-2935 Fax: (860) 827-2950

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### VIA ELECTRONIC MAIL

July 5, 2024

TO: Service List, dated June 6, 2024

FROM: Melanie Bachman, Executive Director *MB*

RE: **PETITION NO. 1633** - HyAxiom, Inc. petition for a declaratory ruling, pursuant to Connecticut General Statutes §4-176 and §16-50k, for the proposed construction, maintenance and operation of a grid-side 4.939-megawatt fuel cell facility and associated equipment to be located at 540 Longbrook Avenue, Stratford, Connecticut, and associated electrical interconnection.

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Comments have been received from the Department of Transportation on July 5, 2024. A copy of the comments is attached for your review.

MB/IN/laf

c: Council Members  
CGS §16-50j(g) State Agency Comment List (via electronic mail)

July 5, 2024

Ms. Melanie Bachman  
Acting Executive Director  
Connecticut Sitting Council  
Ten Franklin Square  
New Britain, CT 06051  
melanie.bachman@ct.gov

Dear Ms. Bachman:

**Subject: Petition No. 1633  
For the Location of a 4.939 MW Fuel Cell Grid-Side  
Distributed Energy Resource at 540 Longbrook Ave,  
Stratford, Connecticut**

The Department of Transportation (Department) has reviewed the above-mentioned Petition and we have found that the location in which the fuel cell farm is planned to be constructed is in direct conflict with State Project No. 0301-0536 (Track Improvement Mobility Enhancement – TIME-1) which includes a bridge replacement on the adjacent roadway. The Longbrook Avenue bridge is being replaced, the roadway is being raised and shifted fifteen (15) feet to the north. The fuel cell location is conflicting with the slope needed to support the roadway and substructure units at the northwest side of the bridge.

The Department intends to obtain an easement to place fill on the parcel where the fuel cell site is planned, likely requiring revisions to the proposal before the Siting Council. The Department will be contacting the Town of Stratford and HyAxiom Inc. in the near future to expedite the revisions of their plans.

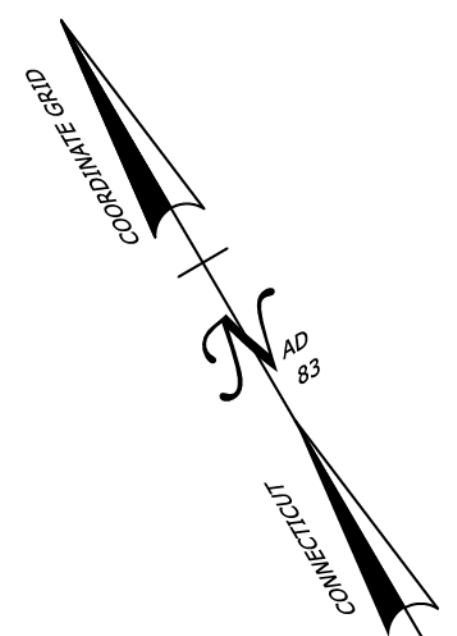
Should you have any further questions, please contact, Mr. Haresh Dholakia, Supervising Engineer (Rail Bridges and Structures), at [Hareshkumar.Dholakia@ct.gov](mailto:Hareshkumar.Dholakia@ct.gov).

Enclosure – “Longbrook Ave - Fuel Cell Conflict.pdf”  
“pe1633\_statement\_a.pdf”



Sincerely,

Alvaro Garcia Jr., P.E.  
Transportation Principal Engineer  
Division of Bridges  
Bureau of Engineering and Construction



**BEGIN STATE PROJECT 0301-0536**  
**BEGIN FULL-DEPTH PAVEMENT**  
**CONSTRUCTION**  
**CUT BIT. CONC PAVEMENT**  
**MATCH EXISTING**  
**ST. STA. 1+00.0**

**END STATE PROJECT 0301-0536**  
**END FULL-DEPTH PAVEMENT**  
**CONSTRUCTION**  
**CUT BIT. CONC. PAVEMENT**  
**MATCH STATE PROJECT #138-245**  
**ST. STA. 8+82.0**

swing gates  
may need  
additional  
area

**ROW LEGEND**

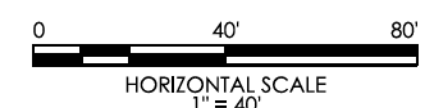
- (A) EASEMENT TO SLOPE FOR THE SUPPORT OF THE HIGHWAY REQUIRED
- (B) RIGHT TO GRADE REQUIRED
- (C) RIGHT TO INSTALL DRIVEWAY REQUIRED
- (D) RIGHT TO INSTALL CONCRETE WALK REQUIRED
- (E) RIGHT TO INSTALL FENCING REQUIRED
- (F) RIGHT TO INSTALL METAL BEAM RAIL
- (G) RIGHT TO INSTALL SEDIMENT CONTROL SYSTEM

**LEGEND**

- MODIFIED RIPRAP SLOPE

NOTE:  
 ALL MONITORING WELLS SHALL BE PROTECTED DURING CONSTRUCTION.  
 ANY WELLS DISRUPTED DURING CONSTRUCTION SHALL BE REPLACED

REV.	DATE	REVISION DESCRIPTION



SIGNATURE/  
 BLOCK:



PROJECT NUMBER: 0301-0536  
 PROJECT DESCRIPTION: TRACK IMPROVEMENT MOBILITY ENHANCEMENT 1 - CONTRACT A  
 TOWN(S): BRIDGEPORT, STRATFORD  
 DRAWING TITLE: LONGBROOK AVENUE CONSTRUCTION PLAN

DRAWING NO.  
 PLN-01  
 SHEET NO.

T.O.F. = 25.67'  
INV. SE = 22.82'  
INV. NW = 21.22'

MAP 50 BLOCK 10-1 LOT 2  
N/F  
ROBERT RIGHT &  
JENNA RIGHT  
VOL. 1997 / PG. 191

SAN. MH  
T.O.F. = 26.90'  
INV. SE = 19.00'  
INV. NW = 18.95'  
INV. NE = 19.15'

MAP 50 BLOCK 10-2 LOT 6  
N/F  
ERNEST TURNER  
VOL. 1592 / PG. 277

MAP 50 BLOCK 10-2 LOT 5  
N/F  
PETER DICOSTANTO  
VOL. 2495 / PG. 50

"C" CB  
T.O.F. = 26.69'  
INV. S = 23.29'  
INV. NW = 23.24'

SAN. MH  
T.O.F. = 27.48'  
INV. SE = 20.43'  
INV. NW = 20.42'

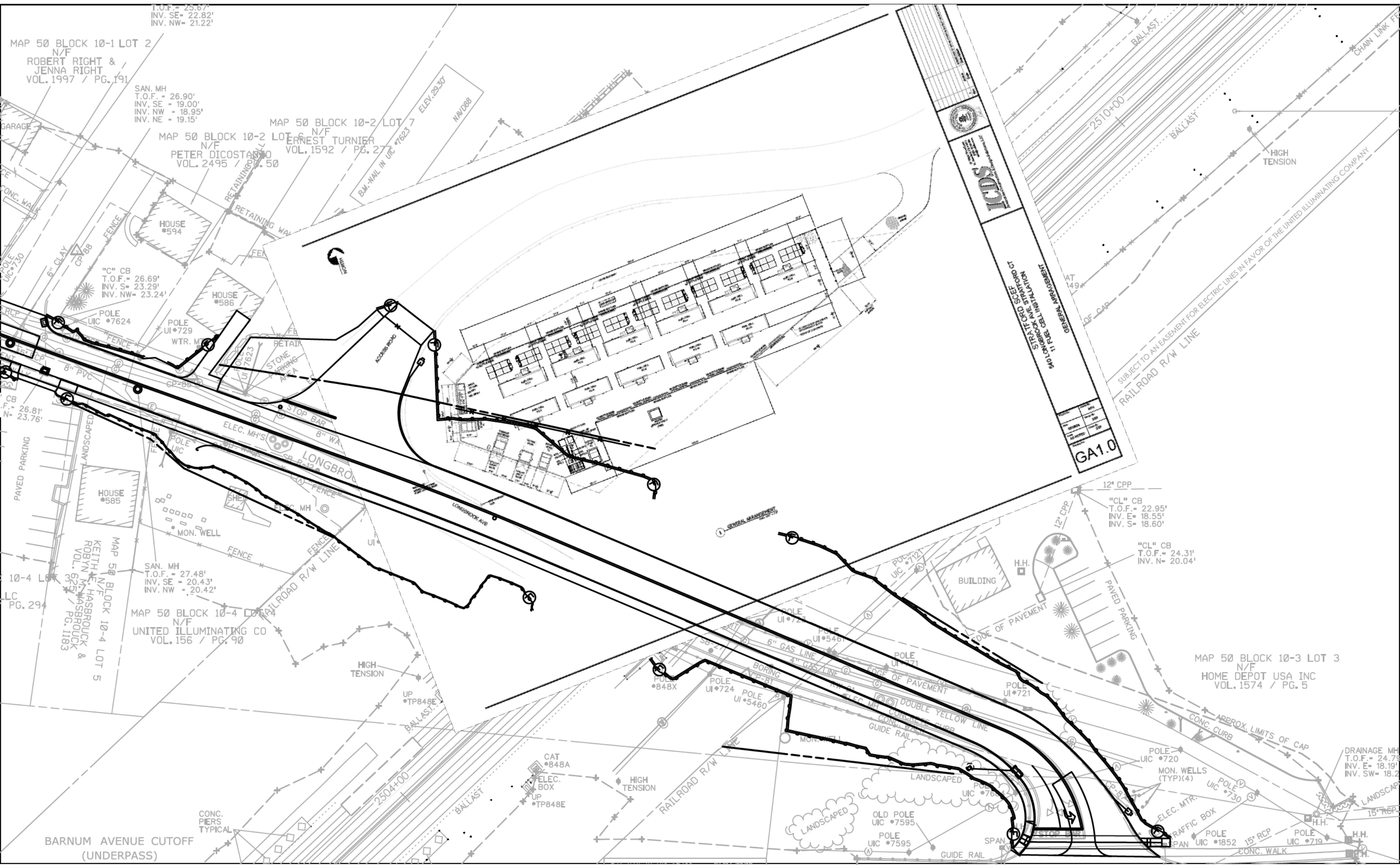
MAP 50 BLOCK 10-4 LOT 4  
N/F  
UNITED ILLUMINATING CO  
VOL. 156 / PG. 90

MAP 50 BLOCK 10-4 LOT 5  
N/F  
KEITH N. HASBROCK &  
ROBYN M. HASBROCK  
VOL. 629 / PG. 1183

MAP 50 BLOCK 10-3 LOT 3  
N/F  
HOME DEPOT USA INC  
VOL. 1574 / PG. 5

DRAINAGE MH  
T.O.F. = 24.79'  
INV. E = 18.19'  
INV. SW = 18.2'

BARNUM AVENUE CUTOFF  
(UNDERPASS)



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STATE OF CONNECTICUT  
REGISTERED PROFESSIONAL ENGINEER  
SUN  
1100 PARKWAY  
STAMFORD, CT 06907  
GENERAL MANAGER

RAILROAD R/W LINE  
SUBJECT TO AN EASEMENT FOR ELECTRIC LINES IN FAVOR OF THE UNITED ILLUMINATING COMPANY  
HIGH TENSION  
BALLAST  
2510+00  
OF CAP  
AT 49'

2504+00  
BALLAST

RAILROAD R/W LINE  
HIGH TENSION

LANDSCAPED  
OLD POLE  
UIC #7595  
POLE  
UIC #7595

POLE  
UIC #720  
MON. WELLS  
(TYP)(4)  
POLE  
UIC #730

ELEC. MTR.  
TRAFFIC BOX  
SPAN  
UIC #1852  
15" RCP  
CONC. WALK  
POLE  
UIC #719

H.H.