

December 7, 2018

Ms. Melanie Bachman
Executive Director
Connecticut Siting Council
Ten Franklin Square
New Britain, CT 06051

Re: Docket No. CSC 461A - Greenwich Substation and Line Project, Development and Management Plan, Vol. 1, Part 1- Cos Cob Substation Modifications

Dear Ms. Bachman:

This letter provides the response to requests for the information listed below.

Response to CSC-02 Interrogatories dated 11/14/2018
CSC-001, 002

Very truly yours,

Kathleen Shanley
Manager
Transmission, Siting
As Agent for CL&P
dba EversourceEnergy

cc: Service List

**CL&P dba Eversource Energy
Docket CSC 461A - Greenwich Substation and Line
Project, Development and Management Plan, Vol. 1,
Part 1- Cos Cob Substation Modifications**

**Data Request CSC-02
Dated: 11/14/2018**

**Q-CSC-001
Page 1 of 2**

**Witness: Witness Panel
Request from: Connecticut Siting Council**

Question:

Please address in detail the Town of Greenwich Department of Public Works comments of November 1, 2018.

Response:

Please see Eversource responses below to the November 1, 2018 comments from the Town of Greenwich Department of Public Works.

Eversource Response to Town of Greenwich Concern 1:

As stated in Eversource's previous November 5, 2018 response to the Town's November 1, 2018 comments, Eversource believes that the Council has retained oversight over blasting. Notwithstanding, as stated in the D&M Plan, Eversource will coordinate with the Town Department of Public Works ("DPW") and Fire Marshall prior to submitting a blasting plan to the Council for its review and approval.

With respect to CCTV inspections Eversource agrees to include "pre-blast" CCTV inspections, as well as post blast inspections.

Eversource Response to Town of Greenwich Concern 2:

Eversource will restore impacted pavement, curbs and sidewalks to the Town of Greenwich standards as defined in the Town's Standard Construction Details. As stated in Eversource's November 5, 2018 response to the Town's November 1, 2018 comments, Eversource believes that these finer details are not customarily included in a D&M Plan submitted for the Council's review and approval. Eversource has included the Town's Standard Construction Details for pavement, curb and sidewalk restoration which include information as to pavement thickness, pavement sections, concrete pavement replacement, curb replacement, sidewalk replacements in Eversource's contractor bid documents.

Eversource Response to Town of Greenwich Concern 3:

Please see the attached updated page 13 of the plan and profile drawing for the vicinity of Arch Street between Steamboat Road and Exit 3 which addresses the Town's concern.

Eversource Response to Town of Greenwich Concern 4:

Eversource reviewed the Museum Drive working hours with the Town DPW. The Town has expressed its desire to move the permissible starting working time from 8PM to 9PM in the summer months of June, July and August on Museum Drive to allow prompt fire responder response to Bruce Park Playground. Since the Town's comments were filed, Eversource and

the Town have agreed to a solution that will maintain alternating traffic flow between the times of 8PM and 9PM during the summer months of June, July and August. Also, during these months the roadway will be closed from 9PM to 5AM. During non-summer months the roadway will be closed from 8PM to 5AM. Detour plans 9A and 9B (attached) have been updated to reflect these requirements.

Eversource Response to Town of Greenwich Concern 5:

Please see the attached Detour Plan #1 has been updated to adjust the graphical polygon that depicts the road closure area to reflect that access to the Cos Cob Park shall be maintained during construction.

Eversource Response to Town of Greenwich Concern 6:

Eversource has relayed to CTDOT the Town's request that a Variable Message Sign be placed on northbound I-95 in advance of Exit 3 stating Indian Field Road Closed, Use Exit 3. Eversource does not object to this provision however permission and concurrence from CTDOT are required. Eversource has submitted this request to CDOT.

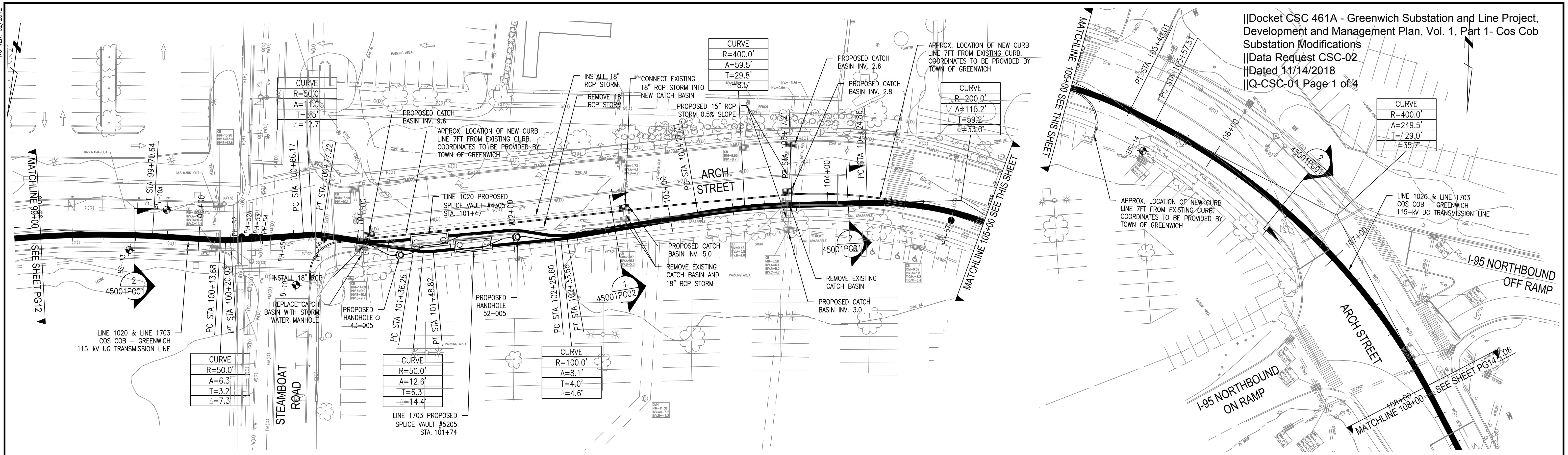
Eversource Response to Town of Greenwich Concern 7:

Please see attached Detour Plan #9A and #9B for Museum Drive which has been updated to show the travel arrows.

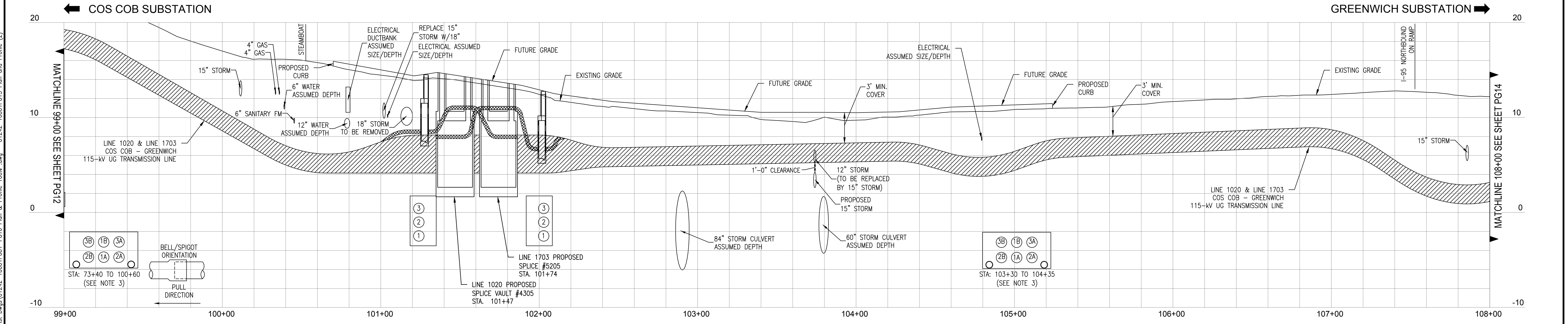
Eversource Response to Town of Greenwich Concern 8:

Eversource will comply with any applicable requirements of the American With Disabilities Act and is coordinating the scope with the Town of Greenwich.

11/29/2018 1:26 PM - joned - R:\SIP\Projects\138082\DD\DWG\08 Const_Dwg\01242-10001PG1-Plan and Profile (2)



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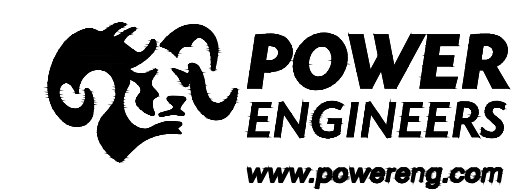


NOTE:

- UNDERGROUND UTILITY, STRUCTURE AND FACILITY LOCATIONS DEPICTED AND NOTED HEREON HAVE BEEN COMPILED, IN PART, FROM RECORD MAPPING SUPPLIED BY THE RESPECTIVE UTILITY COMPANIES OR GOVERNMENTAL AGENCIES, FROM PAROL TESTIMONY AND FROM OTHER SOURCES. THESE LOCATIONS MUST BE CONSIDERED AS APPROXIMATE IN NATURE. ADDITIONALLY, OTHER SUCH FEATURES MAY EXIST ON THE SITE, THE EXISTENCE OF WHICH ARE UNKNOWN TO EVERSOURCE ENERGY. THE SIZE, LOCATION AND EXISTENCE OF ALL SUCH FEATURES MUST BE FIELD DETERMINED AND VERIFIED BY THE APPROPRIATE AUTHORITIES PRIOR TO CONSTRUCTION. CALL BEFORE YOU DIG: 1.800.922.4455.
- CONTRACTOR TO ADD RED DYE TO THE THERMALLY APPROVED CONCRETE ENCASUREMENT MIX DESIGN.
- ALL DUCT BANK SECTION VIEWS ARE LOOKING AHEAD STATIONING. STATIONING IS APPROXIMATED AND DOES NOT ACCOUNT FOR CONFIGURATION TRANSITIONS.
- THE TOWN OF GREENWICH HIGHWAY INSPECTOR SHALL BE NOTIFIED 36-48 HOURS BEFORE WORK BEGINS IN THIS AREA, SO THE INSPECTOR CAN BE PRESENT.
- CATCH BASIN AND STORM SEWERS TO BE DESIGNED BY OTHERS.

"FOR CURRENT EVERSOURCE PROPERTY RIGHTS REFER TO PROPERTY RECORD MAPPING - LOCATED IN TRANSMISSION SURVEY ENGINEERING/ROW DEPARTMENT"

THREE BUSINESS DAYS BEFORE YOU DIG CALL CONNECTICUT CALL BEFORE YOU DIG TOLL FREE 1-800-922-4455



NOT FOR CONSTRUCTION

SUBMITTED 11/29/2018

EVSOURCE ENERGY

TITLE: LINE 1020 & 1703 COS COB - GREENWICH 115-kv UNDERGROUND TRANSMISSION LINE PLAN AND PROFILE STA 99+00 TO 108+00 GREENWICH, CONNECTICUT

BY: JRO	CHKD: DM	APP: LH	APP:
DATE: 11-08-18	DATE: 11-08-18	DATE: 11-08-18	DATE:
H-SCALE: 1" = 30'	SIZE: D	FIELD BOOK & PAGES:	
V-SCALE: 1" = 5'	V.S.:	R.E. DWG:	
R.E. PROJ. NUMBER:	NUSCO 01242-10001PG13		

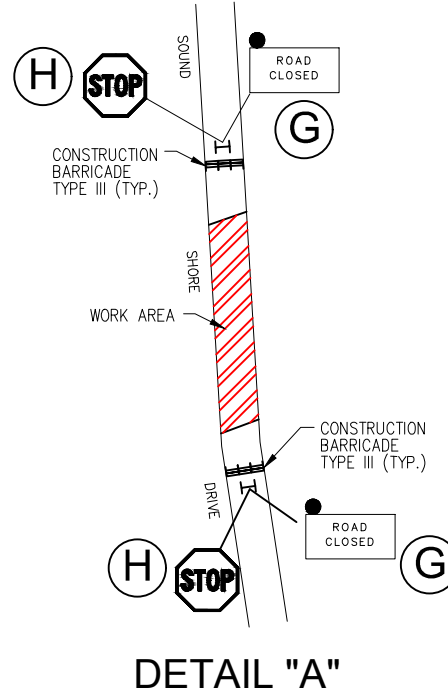
LEGEND - SIGNS & SYMBOLS

SIGN	DOT CATALOG NO.	SIGN	DOT CATALOG NO.
A SOUND SHORE DRIVE CLOSED AHEAD NO THRU TRAFFIC	80-9928 (BLANK) VARIABLE LEGEND 60"x30"	F END DETOUR	80-9708 24"x18"
B ROAD CLOSED AHEAD LOCAL TRAFFIC ONLY	80-9077 48"x30"	G ROAD CLOSED	80-9080 48"x30"
C SOUND SHORE DRIVE DETOUR ↑	80-9916 48"x10" 80-9710 24"x30"	H STOP	31-0557 48"
D SOUND SHORE DRIVE DETOUR →	80-9916 48"x10" 80-9710 24"x30"		
E SOUND SHORE DRIVE DETOUR ←	80-9916 48"x10" 80-9710 24"x30"		

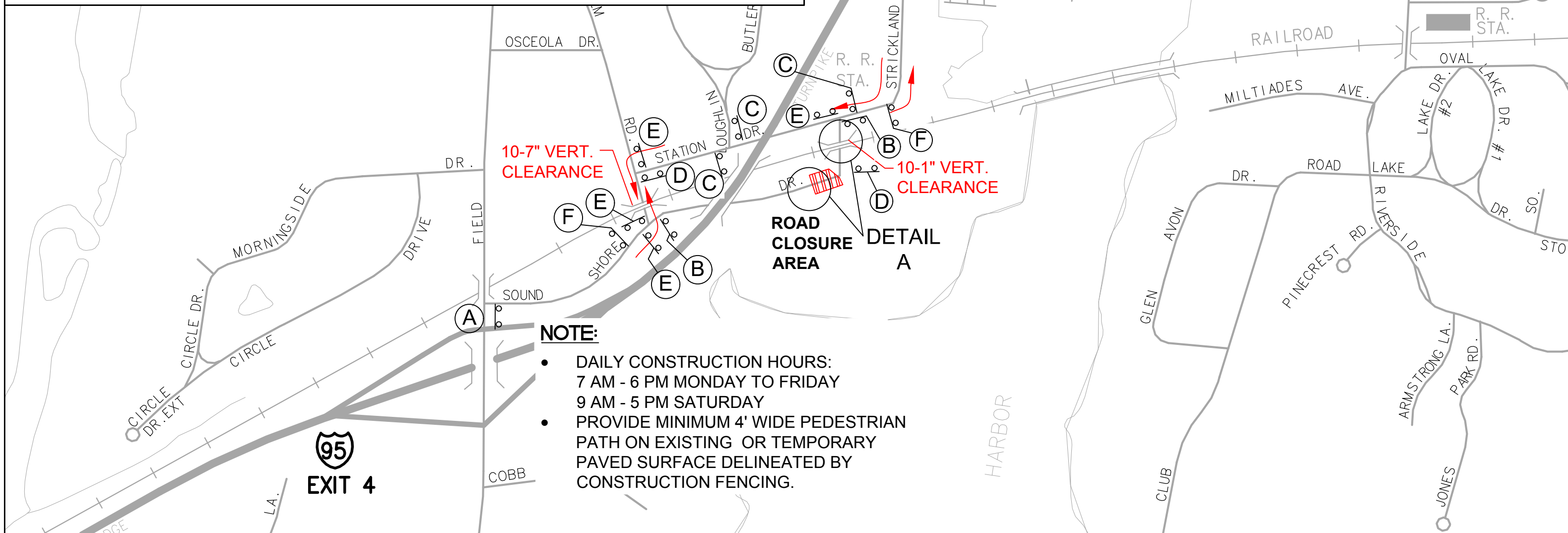
NOTE

1. ALL CONFLICTING SIGNS SHALL BE COVERED OR REMOVED.
2. DETOUR SIGNS ARE ONLY TO BE POSTED WHEN DETOUR IS IN USE.
3. DETOUR SIGNS SHOULD BE COVERED OR REMOVED WHEN DETOUR IS NOT IN USE.
4. SIGN SUPPORTS SHALL BE TYPICAL METAL SIGN POSTS AS DETAILED ON CONN. DEPARTMENT OF TRANSPORTATION STANDARD SHEET NO. TR-1208_02.
5. "ROAD CLOSED" AND "STOP" (31-0557) SIGNS SHALL BE DISPLAYED IN FRONT OF TYPE III BARRICADES.

- SIGN ON SINGLE POST
- SIGN ON DOUBLE POST
- ⊥ PORTABLE SIGN SUPPORT
- BARRICADE WARNING LIGHT - HIGH INTENSITY
- ▬ TYPE III BARRICADE



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1" = 500'

DETOUR PLAN 1 SOUND SHORE DRIVE DETOUR

EVERSOURCE 115 KV Underground Transmissions Facility
 From CosCob Substation To New Greenwich Substation

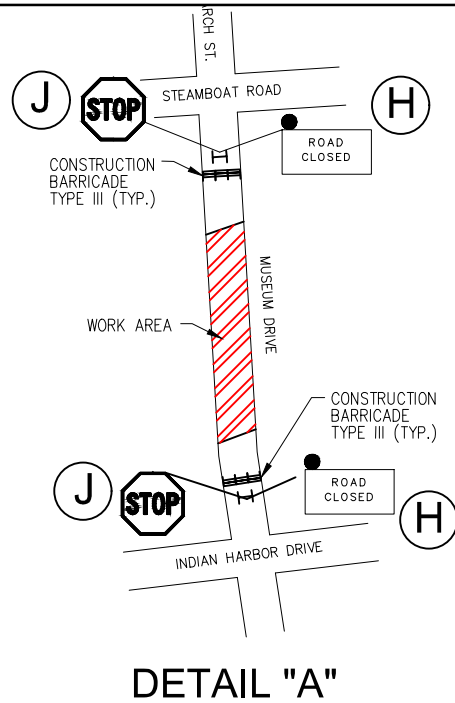
LEGEND - SIGNS & SYMBOLS

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C	80-9916 48"x10" 80-9710 24"x30"	J	31-0557 48"
D	80-9916 48"x10" 80-9710 24"x30"	K	
E	80-9916 48"x10" 80-9710 24"x30"		
F	80-9916 48"x10" 80-9710 24"x30"		

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- BARRICADE WARNING LIGHT - HIGH INTENSITY
- TYPE III BARRICADE



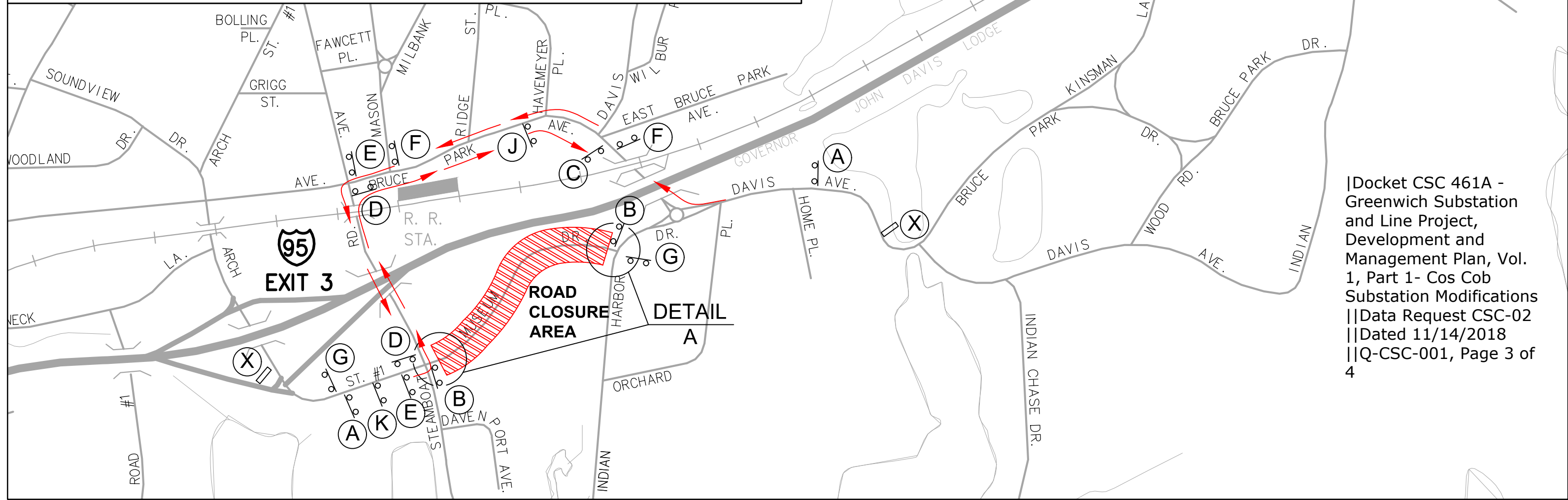
PRE DETOUR

MUSEUM DR CLOSED 8PM - 5AM	MUSEUM DRIVE CLOSED
MONTH/DAY TO MONTH/DAY	MUSEUM DR CLOSED USE DETOUR

NOTE:

- DAILY CONSTRUCTION HOURS: 8 PM - 5 AM SUNDAY TO THURSDAY
- MAINTAIN EXISTING PEDESTRIAN WALKWAYS.

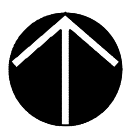
SEPTEMBER TO MAY - FULL ROAD CLOSURE PERMITTED FROM 8PM TO 5AM
 JUNE TO AUGUST - ONE WAY ALTERNATING TRAFFIC SHALL BE PERMITTED 8PM TO 9PM
 FULL ROAD CLOSURE 9PM TO 5AM



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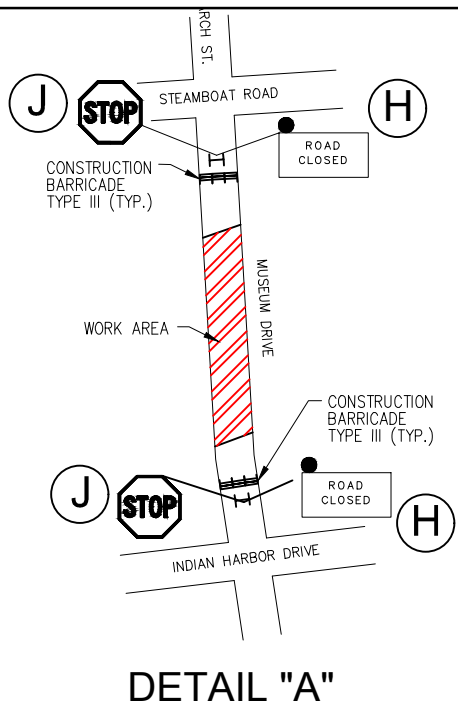
1" = 500'

DETOUR PLAN 9A
MUSEUM DRIVE DETOUR
 EVERSOURCE 115 KV Underground Transmissions Facility
 From CosCob Substation To New Greenwich Substation

LEGEND - SIGNS & SYMBOLS

SIGN	DOT CATALOG NO.	SIGN	DOT CATALOG NO.
A	80-9928 (BLANK) VARIABLE LEGEND 60"x30"	J	31-0557 48"
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H	80-9080 48"x30"	M	80-9916 48"x10" 80-9710 24"x30"
		N	80-9916 48"x10" 80-9710 24"x30"
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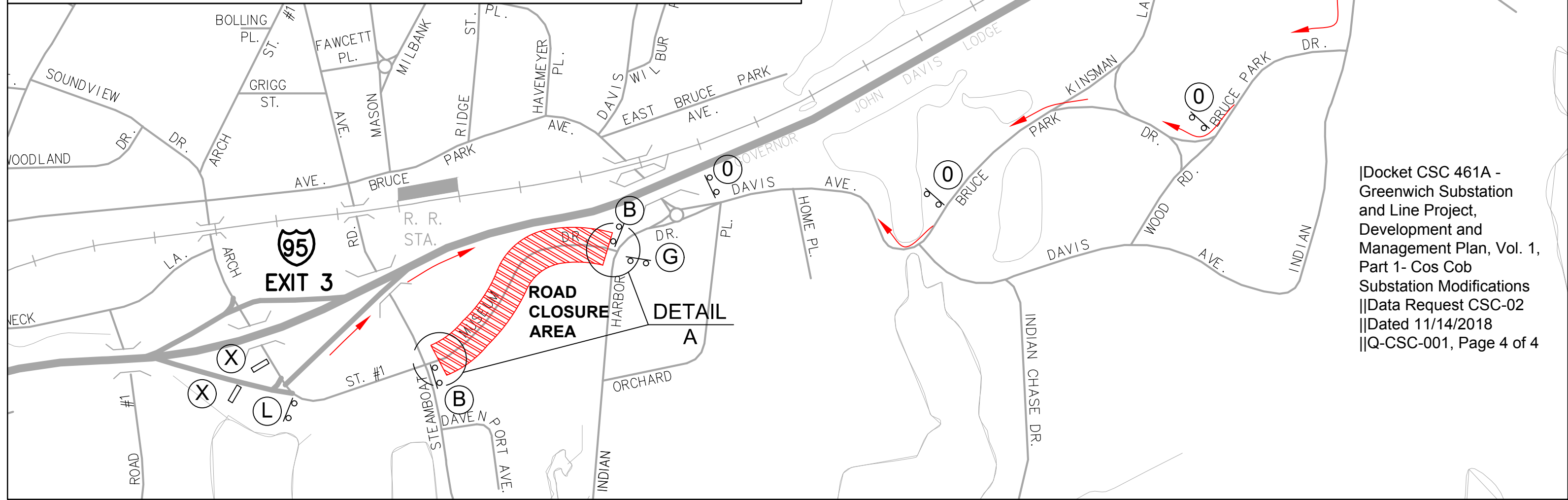
PRE DETOUR

	CHANGEABLE MESSAGE SIGN
	MUSEUM DRIVE TO BE CLOSED
	MUSEUM DRIVE CLOSED
	MONTH/DAY TO MONTH/DAY
	TRUCKS USE I-95 DETOUR
	8 PM TO 5 AM
	MUSEUM DTRUCK USE I-95

NOTE:

- DAILY CONSTRUCTION HOURS: 8 PM - 5 AM SUNDAY TO THURSDAY
- MAINTAIN EXISTING PEDESTRIAN WALKWAYS.

SEPTEMBER TO MAY - FULL ROAD CLOSURE PERMITTED FROM 8PM TO 5AM
 JUNE TO AUGUST - ONE WAY ALTERNATING TRAFFIC SHALL BE PERMITTED 8PM TO 9PM
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1" = 500'

DETOUR PLAN 9B (TRUCKS)
MUSEUM DRIVE DETOUR
 EVERSOURCE 115 KV Underground Transmissions Facility
 From CosCob Substation To New Greenwich Substation

**CL&P dba Eversource Energy
Docket CSC 461A - Greenwich Substation and Line
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Part 1- Cos Cob Substation Modifications**

**Data Request CSC-02
Dated: 11/14/2018**

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**Witness: Witness Panel
Request from: Connecticut Siting Council**

Question:

Has the CT DOT agreed to the locations of the proposed splice vaults?

Response:

Eversource has reviewed the Project with CT DOT, including the location of the splice vaults within the CT DOT right-of-way. CT DOT has raised no objection to the location of the splice vaults.