



June 22, 2020

Mr. Adam Fox, P.E.
Principal Engineer
Environmental Compliance Section
Bureau of Engineering and Construction
State of Connecticut Department of Transportation
2800 Berlin Turnpike, P.O. Box 317546
Newington, CT 06131-7546

Attention: Amie Maines, P.E. / Ronnie Vella

Subject: On-Call Asbestos, Lead, Air Quality & Demolition Compliance
Agreement No.: 8.07-01 (18)
HazMat Inspection – Statewide Replacement of Overhead Sign Supports on Various Routes,
Various Cities/Towns, CT
ConnDOT Assignment No. 519-6284
ConnDOT Project No. 170-3527
TRC Project No. 289951.6284.0710

Dear Mr. Fox:

TRC performed a limited survey for hazardous building materials associated with the statewide replacement of overhead sign supports on various routes in various cities/towns of Connecticut. Results of the survey identified the following:

- Lead paint has been identified/presumed at Site Nos. 1, 1.1, 3, 4, 6, 7, 7.1, 8, 8.1, 9, 10, 12, 13, 15, 16, 17, 18 & 19
- Site No. 2 (22067) was no longer there other than two galvanized (unpainted) poles, therefore no lead paint was identified.
- Site No. 4 (20461 bridge mounted sign support), Site No. 5 (21882 overhead sign support), Site No. 7 (20119 bridge mounted sign support), Site 15 (21165 bridge mounted sign support) & Site 16 (21615A bridge mounted sign support) were galvanized (unpainted), therefore no lead paint was identified.
- Site No. 11 is not part of Project No. 170-3527.
- Site No. 14 (20354 overhead sign support) no longer exists.
- Site No. 19 (21635 bridge mounted sign support) no longer exists other than two anchor points that remain on the bridge.
- TCLP waste stream sampling/analysis of the painted sign supports at Site Nos. 1.1, 3, 6, 7.1, 8.1, 9, 10, & 13, characterized the paint waste as non-hazardous, non-RCRA waste.
- At Site Nos. 1, 4, 7, 8, 12, 15, 16, 17, 18 & 19, any paint waste removed/generated from the painted metal surfaces of the bridge mounted sign supports, the bridge anchor points or the bridge itself shall be handled and disposed of as CTDEEP/RCRA hazardous lead waste.
- Thin black tar coating around the base of the sign support at Site No. 1.1 (20013) was sampled and found to contain asbestos. Stretchy black caulking at Site No. 7 (20018) and thick elastic white caulking at Site No. 6 (20740) were sampled and found to contain no detectable amounts of asbestos.

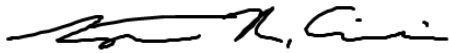
Associated laboratory data, TRC Mobile Data Solutions reports, project description and project site map are attached.

If you have any questions, please call TRC at (860) 298-9692.

Very Truly Yours,

TRC

Reviewed By



Stephen R. Arienti, CHMM
Senior Project Scientist – Program Manager



Erik R. Plimpton, P.E., CHMM, CMC
Vice President – Engineer in Charge



Lead Based Paint Measurement Summary Table

Device(s): Niton XLP301-A (Serial #24792) X Ray Fluorescence (XRF) Spectrum Analyzer
 Site: ConnDOT - Statewide Overhead Sign Replacement, Various Cities/Towns
 Project #: 289951.6284.0710
 Date(s): 5/29/2020, 6/1/2020, 6/2/2020
 Inspectors: Brendan McClure

Number	Interior/ Exterior	Site No.	Sign Support No.	Structure	Feature	Material	Color	Condition	Reading (mg/cm ²)	Precision (mg/cm ²)	Depth Index	Duration (sec)	Date/Time
1			Self Calibration									162.7	5/29/2020 9:37
2			3.6 Calibration						3.8	0.3	1.3	5.8	5/29/2020 9:38
3			1.6 Calibration						1.7	0.1	1.2	6.2	5/29/2020 9:39
4			0.3 Calibration						0.3	0.1	1.1	6.8	5/29/2020 9:40
5	Exterior	Site No. 15	Sign 21165	bridge		Metal	Yellow	Defective	0.3	0.2	2.2	3.3	5/29/2020 9:48
6	Exterior	Site No. 15	Sign 21165	bridge		Metal	Tan/beige	Intact	2.7	0.6	1.5	2.1	5/29/2020 10:00
7	Exterior	Site No. 15	Sign 21165	bridge		Metal	Tan/beige	Intact	3.6	0.4	1.6	3.9	5/29/2020 10:01
8			0.0 Calibration						0.0	0.0	1.0	1.6	5/29/2020 12:37
9			1.6 Calibration						1.7	0.1	1.2	6.5	5/29/2020 12:38
10			3.6 Calibration						3.6	0.3	1.3	4.3	5/29/2020 12:38
11			Self Calibration									170.7	6/1/2020 10:11
12			0.0 Calibration						0.0	0.0	1.0	1.7	6/1/2020 10:15
13			1.6 Calibration						1.6	0.1	1.1	5.6	6/1/2020 10:16
14			3.6 Calibration						3.8	0.3	1.3	5.5	6/1/2020 10:16
15	Exterior	Site No. 7.1	sign 20118	sign support		Metal	Green	Intact	0.2	0.1	7.9	7.2	6/1/2020 10:18
16	Exterior	Site No. 7.1	sign 20118	sign support		Metal	Green	Intact	0.1	0.0	2.9	11.9	6/1/2020 10:19
17	Exterior	Site No. 7.1	sign 20118	sign support		Metal	Green	Intact	0.1	0.1	3.4	12.8	6/1/2020 10:20
18	Exterior	Site No. 6	sign 20740	sign support		Metal	Grey	Intact	0.1	0.1	3.6	12.6	6/1/2020 10:59
19	Exterior	Site No. 6	sign 20740	sign support		Metal	Grey	Intact	0.1	0.0	2.4	7.7	6/1/2020 11:00
20	Exterior	Site No. 3	sign 20270	sign support		Metal	Tan/beige	Intact	0.2	0.1	2.4	7.2	6/1/2020 12:08
21	Exterior	Site No. 3	sign 20270	sign support		Metal	Tan/beige	Intact	0.3	0.1	3.4	8.7	6/1/2020 12:09
22	Exterior	Site No. 1.1	sign 20013	sign support		Metal	Green	Intact	0.3	0.1	1.7	6.0	6/1/2020 12:51
23	Exterior	Site No. 1.1	sign 20013	sign support		Metal	Green	Intact	0.4	0.1	2.0	5.5	6/1/2020 12:54
24	Exterior	Site No. 1	sign 20012	sign support		Metal	Grey	Intact	6.0	1.9	1.6	3.4	6/1/2020 13:18
25	Exterior	Site No. 1	sign 20012	sign support		Metal	Grey	Intact	6.2	1.8	1.5	3.4	6/1/2020 13:18
26			0.0 Calibration						0.0	0.0	1.0	1.5	6/1/2020 13:22
27			1.6 Calibration						1.6	0.2	1.2	4.8	6/1/2020 13:22
28			3.6 Calibration						3.8	0.3	1.3	5.4	6/1/2020 13:22
29			Self Calibration									166.8	6/2/2020 9:52
30			0.0 Calibration						0.0	0.0	1.0	1.5	6/2/2020 9:54
31			1.6 Calibration						1.7	0.2	1.2	4.8	6/2/2020 9:55
32			3.6 Calibration						3.4	0.3	1.3	3.4	6/2/2020 9:55
33	Exterior	Site No. 9	sign 20370	support		Metal	Tan/beige	Defective	0.0	0.0	4.0	8.5	6/2/2020 9:58
34	Exterior	Site No. 9	sign 20370	support		Metal	Tan/beige	Defective	0.0	0.1	6.1	10.2	6/2/2020 9:59
35	Exterior	Site No. 8.1	sign 20327	support		Metal	Tan/beige	Intact	0.0	0.0	1.0	1.7	6/2/2020 10:17
36	Exterior	Site No. 8.1	sign 20327	support		Metal	Tan/beige	Intact	0.1	0.1	8.4	7.2	6/2/2020 10:18
37	Exterior	Site No. 8.1	sign 20327	support		Metal	Tan/beige	Intact	0.0	0.1	6.2	7.5	6/2/2020 10:19
38	Exterior	Site No. 10	sign 20360	support		Metal	Tan/beige	Intact	0.0	0.0	1.0	1.7	6/2/2020 10:52
39	Exterior	Site No. 10	sign 20360	support		Metal	Tan/beige	Intact	0.0	0.0	1.0	0.3	6/2/2020 10:52
40	Exterior	Site No. 10	sign 20360	support		Metal	Tan/beige	Intact	0.0	0.0	1.0	1.4	6/2/2020 10:53
41	Exterior	Site No. 13	sign 20720	support		Metal	Tan/beige	Intact	0.0	0.0	1.0	8.9	6/2/2020 11:32
42	Exterior	Site No. 13	sign 20720	support		Metal	Tan/beige	Intact	0.0	0.0	1.0	10.2	6/2/2020 11:33
43	Exterior	Site No. 12	sign 20721a and 20721b	bridge		Metal	Tan/beige	Intact	0.0	0.0	1.0	1.7	6/2/2020 11:47

Lead paint includes paint found to contain **any detectable** amount of lead by Atomic Absorption Spectrophotometry (AAS) or X-Ray Fluorescence (XRF).

Side A = Street side; Sides B,C,D follow clockwise



Lead Based Paint Measurement Summary Table

Device(s): Niton XLP301-A (Serial #24792) X Ray Fluorescence (XRF) Spectrum Analyzer
Site: ConnDOT - Statewide Overhead Sign Replacement, Various Cities/Towns
Project # : 289951.6284.0710
Date(s): 5/29/2020, 6/1/2020, 6/2/2020
Inspectors: Brendan McClure

Number	Interior/ Exterior	Site No.	Sign Support No.	Structure	Feature	Material	Color	Condition	Reading (mg/cm ²)	Precision (mg/cm ²)	Depth Index	Duration (sec)	Date/Time
44	Exterior	Site No. 12	sign 20721a and 20721b	bridge		Metal	Tan/beige	Intact	0.0	0.0	1.2	3.8	6/2/2020 11:47
45			0.0 Calibration						0.0	0.0	1.0	1.4	6/2/2020 12:53
46			1.6 Calibration						1.7	0.2	1.2	4.6	6/2/2020 12:53
47			3.6 Calibration						3.7	0.3	1.3	4.2	6/2/2020 12:53

Lead paint includes paint found to contain **any detectable** amount of lead by Atomic Absorption Spectrophotometry (AAS) or X-Ray Fluorescence (XRF).

Side A = Street side; Sides B,C,D follow clockwise



Client: Mr. Brendan McClure
TRC Environmental Consultants
21 Griffin Rd., North
Windsor, CT 06095

Analytical Report

CET# 0060100

Report Date: June 05, 2020
Project: Statewide Replacement of Overhead Sign Supports
Project Number: 289951.6284.0710

Connecticut Laboratory Certificate: PH 0116
Massachusetts Laboratory Certificate: M-CT903
Rhode Island Laboratory Certificate: 199



New York NELAP Accreditation: 11982
Pennsylvania Certificate: 68-02927

CET #: 0060100

Project: Statewide Replacement of Overhead Sign Supports

Project Number: 289951.6284.0710

SAMPLE SUMMARY

The sample(s) were received at 22.0°C.

This report contains analytical data associated with following samples only.

Sample ID	Laboratory ID	Matrix	Collection Date/Time	Receipt Date
1-Sign 20740	0060100-01	Paint Chip	6/01/2020 9:00	06/03/2020
2-Sign 20270	0060100-02	Paint Chip	6/01/2020 9:30	06/03/2020
3-Sign 20118	0060100-03	Paint Chip	6/01/2020 10:00	06/03/2020
4-Sign 20013	0060100-04	Paint Chip	6/01/2020 11:30	06/03/2020
5-Sign 20327	0060100-05	Paint Chip	6/02/2020 9:30	06/03/2020
6-Sign 20370	0060100-06	Paint Chip	6/02/2020 10:40	06/03/2020
7-Sign 20360	0060100-07	Paint Chip	6/02/2020 11:30	06/03/2020
8-Sign 20720	0060100-08	Paint Chip	6/02/2020 12:15	06/03/2020

Analyte: TCLP Lead [EPA 6010C]

Analyst: SS

Prep: EPA 3005A-1311

Matrix: Extract

Laboratory ID	Client Sample ID	Result	RL	Units	Dilution	Batch	Prepared	Date/Time Analyzed	Notes
0060100-01	1-Sign 20740	0.45	0.013	mg/L	1	B0F0432	06/04/2020	06/05/2020 01:17	
0060100-02	2-Sign 20270	1.2	0.013	mg/L	1	B0F0432	06/04/2020	06/05/2020 01:22	
0060100-03	3-Sign 20118	0.029	0.013	mg/L	1	B0F0432	06/04/2020	06/05/2020 01:26	
0060100-04	4-Sign 20013	0.013	0.013	mg/L	1	B0F0432	06/04/2020	06/05/2020 01:40	
0060100-05	5-Sign 20327	0.091	0.013	mg/L	1	B0F0432	06/04/2020	06/05/2020 01:44	
0060100-06	6-Sign 20370	0.22	0.013	mg/L	1	B0F0432	06/04/2020	06/05/2020 01:49	
0060100-07	7-Sign 20360	0.088	0.013	mg/L	1	B0F0432	06/04/2020	06/05/2020 01:53	
0060100-08	8-Sign 20720	0.62	0.013	mg/L	1	B0F0432	06/04/2020	06/05/2020 01:58	

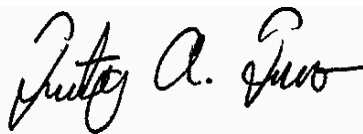
All questions related to this report should be directed to David Ditta, Timothy Fusco, or Robert Blake at 203-377-9984.

Sincerely,

This technical report was reviewed by Timothy Fusco



David Ditta
Laboratory Director



Project Manager

Report Comments:

Sample Result Flags:

- E- The result is estimated, above the calibration range.
- H- The surrogate recovery is above the control limits.
- L- The surrogate recovery is below the control limits.
- B- The compound was detected in the laboratory blank.
- P- The Relative Percent Difference (RPD) of dual column analyses exceeds 40%.
- D- The RPD between the sample and the sample duplicate is high. Sample Homogeneity may be a problem.
- + - The Surrogate was diluted out.
- *C1- The Continuing Calibration did not meet method specifications and was biased low for this analyte. Increased uncertainty is associated with the reported value which is likely to be biased low.
- *C2- The Continuing Calibration did not meet method specifications and was biased high for this analyte. Increased uncertainty is associated with the reported value which is likely to be biased high.
- *F1- The Laboratory Control Sample recovery is outside of control limits. Reported value for this analyte is likely to be biased on the low side.
- *F2- The Laboratory Control Sample recovery is outside of control limits. Reported value for this analyte is likely to be biased on the high side.
- *I- Analyte exceeds method limits from second source standard in Initial Calibration Verification (ICV). No directional bias.

All results met standard operating procedures unless indicated by a data qualifier next to a sample result, or a narration in the QC report.

For Percent Solids, if any of the following prep methods (3050B, 3540C, 3545A, 3550C, 5035 and 9013A) were used for samples pertaining to this report, the percent solids procedure is within that prep method.

Complete Environmental Testing is only responsible for the certified testing and is not directly responsible for the integrity of the sample before laboratory receipt.

ND is None Detected at or above the specified reporting limit

Reporting Limit (RL) is the limit of detection for an analyte after any adjustment made for dilution or percent moisture.

All analyses were performed in house unless a Reference Laboratory is listed.

Samples will be disposed of 30 days after the report date.

CET #: 0060100

Project: Statewide Replacement of Overhead Sign Supports

Project Number: 289951.6284.0710

CERTIFICATIONS

Certified Analyses included in this Report

Analyte	Certifications
<i>EPA 6010C in Water</i>	
Lead	NY,CT

Complete Environmental Testing operates under the following certifications and accreditations:

Code	Description	Number	Expires
CT	Connecticut Public Health	PH0116	09/30/2020
NY	New York Certification (NELAC)	11982	04/01/2021



21 GRIFFIN ROAD NORTH
 WINDSOR, CONNECTICUT 06095
 TELEPHONE (860) 298-9692
 FAX (860) 298-6380



0060100

Edition: November 2013
 Supersede Previous Edition

CHAIN OF CUSTODY

LAB ID #

TURNAROUND TIME

24hr	48hr	3day	5day
<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
24hr	48hr	3day	5day
<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

PROJECT NAME

Statewide Replacement of Overhead
 Sign Supports on Various Routes

PARAMETERS

RCRA Pb
 RCRA Pb, AS, CR, CD
 8 RCRA Metals
 TCLP Pb
 SPLP Pb

PROJECT NUMBER
 289951.6276.0710

INSPECTOR: (SIGNATURE)
Brendan McLure

(PRINTED)
 Brendan McLure

MATERIAL

FIELD SAMPLE NUMBER	DATE	TIME	TYPE		SAMPLE LOCATION	RCRA Pb	RCRA Pb, AS, CR, CD	8 RCRA Metals	TCLP Pb	SPLP Pb	MATERIAL
			COMP	GRAB							
1	6-1-20	9:00	X		Sign 20740				X		Bin
2		9:30	X		Sign 20270				X		Paint
3		10:00	X		Sign 20118				X		Paint
4		11:30	X		Sign 20013				X		Paint
5	6-2-20	9:30	X		Sign 20327				X		Paint
6		10:40	X		Sign 20370				X		Paint
7		11:30	X		Sign 20340				X		Paint
8		12:15	X		Sign 20720				X		Paint

Relinquished by: (Signature)

Brendan McLure

Date:

6-2-20

Received by: (Signature)

[Signature] 6/3/20

Relinquished by: (Signature)

[Signature]

Date:

6/3/20

Received by: (Signature)

Bahn 6/3/20

(Printed)

Brendan McLure

Time:

1430

(Printed)

GRAB G104Y GRAB G104Y

(Printed)

GRAB G104Y GRAB G104Y

Time: (5th)

(Printed)



BULK ASBESTOS ANALYSIS REPORT

CLIENT: CT Department of Transportation

Lab Log #: 0055256
 Project #: 289951.6284.0710
 Date Received: 06/02/2020
 Date Analyzed: 06/03/2020

Site: Various Overhead Sign Supports

POLARIZED LIGHT MICROSCOPY by EPA 600/R-93/116

Sample No.	Color	Homogenous	Multi-Layered	Layer No.	Other Matrix Materials	Asbestos %	Asbestos Type
1	Black (caulking)	Yes	No	--	---	ND	None
2	Black (caulking)	Yes	No	--	---	ND	None
3	White (caulking)	Yes	No	--	---	ND	None
4	White (caulking)	Yes	No	--	---	ND	None
5	Black (tar coating)	Yes	No	--	---	10%	Chrysotile
6	--	--	--	--	--	NA/PS	--

Reporting limit- asbestos present at 1%
 ND - asbestos was not detected
 Trace - asbestos was observed at level of less than 1%
 NA/PS - Not Analyzed / Positive Stop
 SNA- Sample Not Analyzed- See Chain of Custody for details

Note: Polarized-light microscopy is not consistently reliable in detecting asbestos in floor coverings and similar non-friable organically bound materials. In those cases, EPA recommends, and certain states (e.g. NY) require, that negative results be confirmed by quantitative transmission electron microscopy.

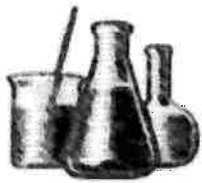
The Laboratory at TRC follows the EPA's Interim Method for the Determination of Asbestos in Bulk Insulation 1982 (EPA 600/M4-82-020) Bulk Analysis Code 18/A01 and the EPA recommended Method for the Determination of Asbestos in Bulk Building Materials July 1993, R.L. Perkins and B.W. Harvey, (EPA/600/R-93/116) Bulk Analysis Code 18/A03, which utilize polarized light microscopy (PLM). Our analysts have completed an accredited course in asbestos identification. TRC's Laboratory is accredited under the National Voluntary Laboratory Accreditation Program (NVLAP), for Bulk Asbestos Fiber Analysis, NVLAP Code 18/A01, effective through June 30, 2020. TRC is accredited by the AIHA Laboratory Accreditation Programs (AIHA-LAP), LLC in the Industrial Hygiene Program (IHLAP) for PLM effective through October 1, 2020. Asbestos content is determined by visual estimate unless otherwise indicated. Quality Control is performed in-house on at least 10% of samples and QC data related to the samples is available upon written request from client.

This report shall not be reproduced, except in full, without the written approval of TRC. This report must not be used by the client to claim product endorsement by NVLAP or any agency of the U.S. Government. This report relates only to the items tested.

Analyzed by: K. Williamson Reviewed by: Cathryn Lemire Date Issued: 06/05/2020
 Kathleen Williamson, Laboratory Manager Cathryn Lemire, Approved Signatory

TRC LABORATORY ASBESTOS ANALYTICAL ACCREDITATIONS

NVLAP Lab Code 101424-0 AIHA-LAP,LLC #100122 CT #PH-0426 ME LA-0075, LB-0071 MA #AA000052 NY #10980 WV #000622
 RI #PLM0007 TX #300354 VT #AL910359 LA#05011 VA #3333 000283 AZ #A20944 HI #L-09-004 NJ #CT004 CA #2907
 CO# AL-15020 PHIL# 461 PA#68-03387



ProScience Analytical Services, Inc

Erik Plimpton
TRC Companies, Inc. (CT)
21 Griffin Road North
Windsor, CT 06095

June 08, 2020

Dear Erik Plimpton,

Results of samples you described and submitted to ProScience Analytical Services, Inc. are shown on the enclosed data sheets. The analytical results in this report apply to the items tested only. The listed samples were prepared and analyzed in compliance with the New York State Transmission Electron Microscope Method for Identifying and Quantitating Asbestos in Non-Friable Organically Bound Bulk Samples. This method is used for the determination of weight percent of asbestos in non-friable materials. The sample is processed to remove non-asbestos interference. The remaining residue is examined using a Philips transmission electron microscope equipped with selected area electron diffraction (SAED) and an Evex energy dispersive x-ray analyzer.

The following are reported: identification numbers, type of material, color or the sample, initial weight of the sample, weight percent of organic material lost by ashing, weight percent of carbonates lost by acid dissolution, weight percent of non-fibrous/non asbestos inorganic material, total weight percent of asbestos in the original sample, and the type(s) of asbestos, if any.

The EPA recognizes asbestos as the following: actinolite, amosite, anthophyllite, chrysotile, crocidolite, and tremolite. To be considered asbestos containing, a material must be determined to contain greater than one percent asbestos. Samples are retained for a period of 2 months.

The quality control data related to the samples analyzed are available for review upon the written request of the client. ProScience Analytical Services, Inc. and its personnel assume no responsibility for potential sample contamination, misuse, misinformation, or misrepresentation by the client. The enclosed results may not be used under any circumstances as product endorsement by any US government agency including NIST/NVLAP. This report may not be reproduced, except in its entirety, without permission of the ProScience Analytical Services, Inc. Laboratory Director.

Please contact me if you have any questions regarding this report or related information.

Sincerely,

Mark Derosier, Senior Analyst
Aimee Cormier, Laboratory Manager

Enclosure:

BATCH NUMBER : NT 18272 CLIENT PROJECT ID: 289951.6284.0710
Client Ref: CT DOT - Various Overhead Sign Supports
CT ID# PH-0209; MA ID# AA000156; ME ID# LB-055; ME ID# LA-056; VT ID# AL016876; RI ID# 186.

ProScience Analytical Services, Inc.

22 Cummings Park, Woburn, Massachusetts 01801
 781-935-3212 ~ Fax: 781-932-4857 ~ E-Mail: general@proscience.net

Laboratory Report

Client Project #: 289951.6284.0710
 Client Reference: CT DOT - Various Overhead Sign Supports
 PO #: C289951
 Client #: 297
 Client Name: TRC Companies, Inc. (CT)

Batch: NT 18272
 Method: NOB
 Date Received: 6/4/2020
 Date Analyzed: 6/8/2020
 Date of Report: 6/8/2020

LAB ID	Field ID	Description:	Color	Initial Weight	% Asbestos Types					% Other Non-asp.	% Organic	% Carb.	Total % Asbestos	Analyzed / Charged	Preped / Charged	
					CHR	AMO	ACT	CRO	ANT							TRE
NT137353	2	Stretchy Black Caulking		.0275	.00	.00	.00	.00	.00	.00	1.45	86.91	11.64	ND	Yes	No
NT137354	4	Thick, Elastic White Caulking		.3296	.00	.00	.00	.00	.00	.00	1.67	50.79	47.54	ND	Yes	No

Comments:

Key: CHR = Chrysotile AMO = Amosite CRO = Crocidolite ACT = Actinolite TRE = Tremolite ANT = Anthophyllite TR = Trace = < 1% ND = None Detected

Aimee Cormier
 Aimee Cormier, Analyst



21 GRIFFIN ROAD NORTH
WINDSOR, CONNECTICUT 06095
TELEPHONE (860) 298-9692
FAX (860) 298-6380

ASBESTOS BULK SAMPLING CHAIN OF CUSTODY

Edition: October 2009
Supersede Previous Edition

NT 18272

LAB ID #: **SS256**

PROJECT NUMBER 289951.6276.0710	PROJECT NAME ComDOT - Various Overhead Sign Supports,	PARAMETERS	
SIGNATURE <i>[Signature]</i> INSPECTOR Brendan McClure, Dennis Ryder, Tyler Noll		PLM EPA 600/R93/116 (POSITIVE STOP)	PLM EPA 600/R93/116 (w/ gravimetric reduction) (POSITIVE STOP)
		ANALYZE BY LAYER	POINT COUNT (IF >1% & <10%)
		TEM NY NOB 198.4 (IF PLM SERIES NEG)	
		MATERIAL	

FIELD SAMPLE NUMBER	DATE	TIME	TYPE		SAMPLE LOCATION	PLM EPA 600/R93/116 (POSITIVE STOP)	PLM EPA 600/R93/116 (w/ gravimetric reduction) (POSITIVE STOP)	ANALYZE BY LAYER	POINT COUNT (IF >1% & <10%)	TEM NY NOB 198.4 (IF PLM SERIES NEG)	MATERIAL
			COMP	GRAB							
1	6/1/2020	09:47		X	Sign No. 20018 behind small mounted plate	X					C1 - Stretchy black caulking
2	6/2/2020	09:48		X	Sign No. 20018 behind small mounted plate					X	C1 - Stretchy black caulking
3	6/1/2020	10:00		X	Sign No. 20740 on nuts mounted to support	X					C2 - Thick, elastic white caulking
4	6/1/2020	10:01		X	Sign No. 20740 on nuts mounted to support					X	C2 - Thick, elastic white caulking
5	6/1/2020	11:05		X	Sign No. 20013 around base of sign support	X					T1 - Thin black tar coating
6	6/1/2020	11:05		X	Sign No. 20013 around base of sign support					X	T1 - Thin black tar coating

Relinquished by: (Signature) <i>[Signature]</i>	Date: 06/02/20	Received by: (Signature) <i>[Signature]</i>	Date: 6/2/20
(Printed) TYLER NOLL	Time: 1730	(Printed) JOEL CORSO	Time: 1430
Remarks:		Condition of Samples: Acceptable: Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>	
		Page 1 of 1	

ConnDOT, Various Overhead Sign Supports , , , , , Connecticut, United States, ,

Created	2020-05-29 09:24:12 EDT by Tyler Noll
Updated	2020-06-15 06:53:55 EDT by Stephen Arienti
Location	41.7271403, -72.6121683
Status	■ Survey Complete

Job Information

Site Name	Various Overhead Sign Supports
Address	Connecticut
TRC Project Number	289951.6284.0710
Project Manager	Erik Plimpton, Stephen Arienti
Inspector(s)	Brendan McClure, Dennis Ryder, Tyler Noll
Client	ConnDOT
Type of Asbestos Survey	Reno/Demo
Additional Analysis for NOB Materials (Calc)	TEM NY NOB 198.4
PLM Turnaround Time (TAT)	48-hour
TEM Turnaround Time (TAT)	48-hour
Date	2020-05-29

Overview Photo





























Surveys Performed

Asbestos, XRF, Bridge/Signs/Light Pole/Traffic Signal Items

Asbestos Section

(2), C, 1, Stretchy black caulking , 2

Representative Photos



Sign No. 20018 behind small mounted plate

Sample Location	Sign No. 20018 behind small mounted plate
Analyze by Layer	No
Asbestos Bulk Analysis	PLM EPA 600/R93/116
Grab or Composite	Grab
Date	2020-06-01
Time	13:47

Sign No. 20018 behind small mounted plate

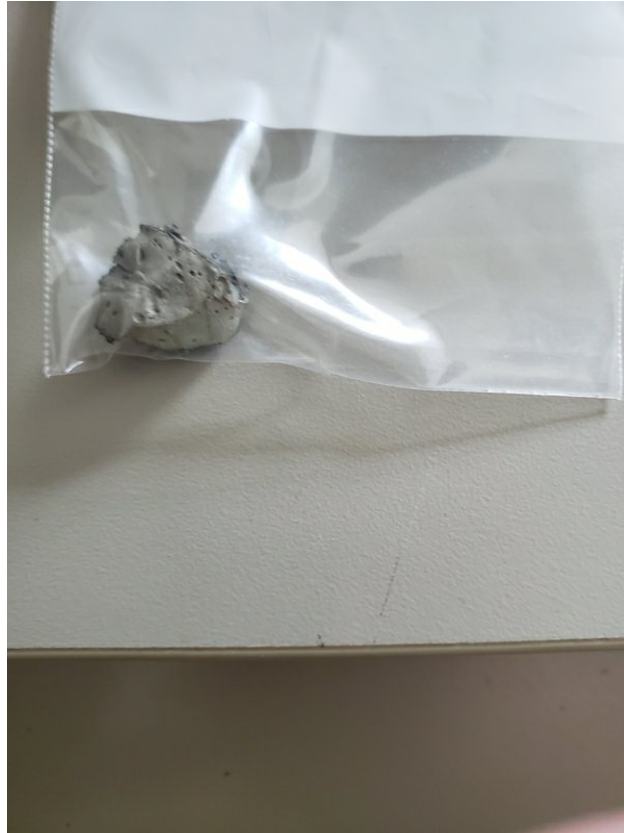
Sample Location	Sign No. 20018 behind small mounted plate
Analyze by Layer	No
Asbestos Bulk Analysis	TEM NY NOB 198.4
Grab or Composite	Grab
Date	2020-06-02
Time	13:48

Material Information

Sampled or Assumed?	Sampled
Material Acronym	C, 1
Material Description	Stretchy black caulking
Is Material a Non-Friable Organically Bound (NOB)	Yes
Total Approximate Quantity	2 lin ft
Total Count	(2)

(2), C, 2, Thick, elasticity white caulking , 2

Representative Photos

**Sign No. 20740 on nuts mounted to support**

Sample Location	Sign No. 20740 on nuts mounted to support
Analyze by Layer	No
Asbestos Bulk Analysis	PLM EPA 600/R93/116
Grab or Composite	Grab
Date	2020-06-01
Time	13:50

Sign No. 20740 on nuts mounted to support

Sample Location	Sign No. 20740 on nuts mounted to support
Analyze by Layer	No
Asbestos Bulk Analysis	TEM NY NOB 198.4
Grab or Composite	Grab
Date	2020-06-01
Time	13:50

Material Information

Sampled or Assumed?	Sampled
Material Acronym	C, 2
Material Description	Thick, elasticity white caulking
Is Material a Non-Friable Organically Bound (NOB)	Yes

Total Approximate Quantity	1 lin ft
Total Count	(2)
Total Count (number only)	2

(2), T1, Thin black tar coating , 2

Representative Photos



Sign No. 20013 around base of sign support

Sample Location	Sign No. 20013 around base of sign support
Analyze by Layer	No
Asbestos Bulk Analysis	PLM EPA 600/R93/116
Grab or Composite	Grab
Date	2020-06-02
Time	13:51

Sign No. 20013 around base of sign support

Sample Location	Sign No. 20013 around base of sign support
Analyze by Layer	No
Asbestos Bulk Analysis	TEM NY NOB 198.4
Grab or Composite	Grab
Date	2020-06-02
Time	13:52

Material Information

Sampled or Assumed?	Sampled
Material Acronym	T1

Material Description	Thin black tar coating
Is Material a Non-Friable Organically Bound (NOB)	Yes
Total Approximate Quantity	3 sqft
Total Count	(2)
Total Count (number only)	2

XRF Section

Niton XRF Model No.	25555
XRF Survey Completed	Yes
XRF Data Downloaded	Yes
XRF Shots >1.0 on non-metallic building materials	Yes
Date Data Downloaded	2020-06-02

Bridge/Signs/Light Pole/Traffic Signal Items

Sign No. 22165 - Glastonbury

Bridge/Sign/Light Pole/Traffic Signal No.	Sign No. 22165 - Glastonbury
General Notes	Expansion joint caulking on jersey barriers structure is attached to ontop of bridge, structure also mounted on the bridge I-beams that has LBP
Accessibility	Accessible
Paint on Structure (s)?	No
Suspect Asbestos Containing Materials Identified on Structure	No
Guano Present?	No
Homeless Activity	No
Bloodborne Pathogen Concerns?	No
Mice/Mouse Nests/Droppings	No

Sign No. 21615A - East Hartford

Bridge/Sign/Light Pole/Traffic Signal No.	Sign No. 21615A - East Hartford
General Notes	Caulking under bridge fence supports, expansion joint caulking on Jersey barriers
Accessibility	Inaccessible
Why Inaccessible?	Fence blocking access
Paint on Structure (s)?	No
Suspect Asbestos Containing Materials Identified on Structure	No
Guano Present?	No
Homeless Activity	No
Bloodborne Pathogen Concerns?	No
Mice/Mouse Nests/Droppings	No

Sign No. 21635A - Ashford

Bridge/Sign/Light Pole/Traffic Signal No.	Sign No. 21635A - Ashford
General Notes	Sign structure removed, brackets remain on bridge. No bridge signs mounted on I-84 EB or WB here (photo attached)
Accessibility	Inaccessible
Why Inaccessible?	Sign gone

Paint on Structure (s)?	No
Suspect Asbestos Containing Materials Identified on Structure	No
Guano Present?	No
Homeless Activity	No
Bloodborne Pathogen Concerns?	No
Mice/Mouse Nests/Droppings	No

Sign No. 21635 - Ashford

Bridge/Sign/Light Pole/Traffic Signal No.	Sign No. 21635 - Ashford
General Notes	Sign structure removed, brackets remain on bridge. No bridge signs mounted on I-84 EB or WB here (photo attached)
Accessibility	Inaccessible
Why Inaccessible?	Sign gone
Paint on Structure (s)?	No
Suspect Asbestos Containing Materials Identified on Structure	No
Guano Present?	No
Homeless Activity	No
Bloodborne Pathogen Concerns?	No
Mice/Mouse Nests/Droppings	No

Sign No. 21632A - Tolland

Bridge/Sign/Light Pole/Traffic Signal No.	Sign No. 21632A - Tolland
General Notes	Only sign mounted on bridge No. 04287 EB side of I-84 is sign no. 21632B
Accessibility	Inaccessible
Why Inaccessible?	Fence on bridge
Paint on Structure (s)?	Yes
Paint on what Components/Structure(s)?	Sign structure (inaccessible)
Suspect Asbestos Containing Materials Identified on Structure	No
Guano Present?	No
Homeless Activity	No
Bloodborne Pathogen Concerns?	No
Mice/Mouse Nests/Droppings	No

Sign No. 21385 - Enfield

Bridge/Sign/Light Pole/Traffic Signal No.	Sign No. 21385 - Enfield
Accessibility	Inaccessible
Why Inaccessible?	Fencing
Paint on Structure (s)?	Yes
Paint on what Components/Structure(s)?	Support beams (could not be tested or sampled)
Suspect Asbestos Containing Materials Identified on Structure	No
Guano Present?	No
Homeless Activity	No
Bloodborne Pathogen Concerns?	No

Mice/Mouse Nests/Droppings	No
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Sign No. 20119 - Milford

Bridge/Sign/Light Pole/Traffic Signal No.	Sign No. 20119 - Milford
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Accessibility	Inaccessible
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Why Inaccessible?	Fencing ontop of bridge
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Paint on Structure (s)?	No
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Suspect Asbestos Containing Materials Identified on Structure	No
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Guano Present?	No
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Homeless Activity	No
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Bloodborne Pathogen Concerns?	No
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Mice/Mouse Nests/Droppings	No
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Sign No. 20118 - Milford

Bridge/Sign/Light Pole/Traffic Signal No.	Sign No. 20118 - Milford
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General Notes	Took TCLP paint same back 0.1. Caulk around small support component
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Accessibility	Accessible
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Paint on Structure (s)?	Yes
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Paint on what Components/Structure(s)?	Whole support
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Suspect Asbestos Containing Materials Identified on Structure	Yes
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Guano Present?	No
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Homeless Activity	No
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Bloodborne Pathogen Concerns?	No
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Mice/Mouse Nests/Droppings	No
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Sign No. 20740 - Milford

Bridge/Sign/Light Pole/Traffic Signal No.	Sign No. 20740 - Milford
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General Notes	Caulking at nuts on both support slabs
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Accessibility	Accessible
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Paint on Structure (s)?	Yes
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Paint on what Components/Structure(s)?	Whole support, remnant paint on base
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Suspect Asbestos Containing Materials Identified on Structure	Yes
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Guano Present?	No
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Homeless Activity	No
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Bloodborne Pathogen Concerns?	No
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Mice/Mouse Nests/Droppings	No
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Sign No. 20270 - Norwalk

Bridge/Sign/Light Pole/Traffic Signal No.	Sign No. 20270 - Norwalk
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General Notes	Heavy brush around structure making it harder to access. Only 1 side of support accessible due to a fence
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Accessibility	Accessible
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Paint on Structure (s)?	Yes
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Paint on what Components/Structure(s)?	Whole support painted. TCLP needed
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Suspect Asbestos Containing Materials Identified on Structure	No
Guano Present?	No
Homeless Activity	No
Bloodborne Pathogen Concerns?	No
Mice/Mouse Nests/Droppings	No

Sign No. 22067 - Darien

Bridge/Sign/Light Pole/Traffic Signal No.	Sign No. 22067 - Darien
General Notes	Over head signs gone, only 2 supports left on each side of the road
Accessibility	Accessible
Paint on Structure (s)?	No
Suspect Asbestos Containing Materials Identified on Structure	No
Guano Present?	No
Homeless Activity	No
Bloodborne Pathogen Concerns?	No
Mice/Mouse Nests/Droppings	No

Sign No. 20013- Greenwich

Bridge/Sign/Light Pole/Traffic Signal No.	Sign No. 20013- Greenwich
General Notes	TCLP needed. Suspect black tar on base of support. Support located in thick brush
Accessibility	Accessible
Paint on Structure (s)?	Yes
Paint on what Components/Structure(s)?	Whole support
Suspect Asbestos Containing Materials Identified on Structure	Yes
Guano Present?	No
Homeless Activity	No
Bloodborne Pathogen Concerns?	No
Mice/Mouse Nests/Droppings	No

Sign No. 20012 - Greenwich

Bridge/Sign/Light Pole/Traffic Signal No.	Sign No. 20012 - Greenwich
Accessibility	Accessible
Paint on Structure (s)?	Yes
Paint on what Components/Structure(s)?	Brackets mounting sign to bridge
Suspect Asbestos Containing Materials Identified on Structure	No
Guano Present?	No
Homeless Activity	No
Bloodborne Pathogen Concerns?	No
Mice/Mouse Nests/Droppings	No

Sign No. 20461 - Danbury

Bridge/Sign/Light Pole/Traffic Signal No.	Sign No. 20461 - Danbury
Accessibility	Inaccessible

Why Inaccessible?	Fencing
Paint on Structure (s)?	No
Suspect Asbestos Containing Materials Identified on Structure	No
Guano Present?	No
Homeless Activity	No
Bloodborne Pathogen Concerns?	No
Mice/Mouse Nests/Droppings	No

Sign No. 21882 - Danbury

Bridge/Sign/Light Pole/Traffic Signal No.	Sign No. 21882 - Danbury
General Notes	Overhead signs removed, only 2 supports left on each side of the road
Accessibility	Accessible
Paint on Structure (s)?	No
Suspect Asbestos Containing Materials Identified on Structure	No
Guano Present?	No
Homeless Activity	No
Bloodborne Pathogen Concerns?	No
Mice/Mouse Nests/Droppings	No

Sign No. 20328 - North Haven

Bridge/Sign/Light Pole/Traffic Signal No.	Sign No. 20328 - North Haven
Accessibility	Inaccessible
Why Inaccessible?	Sign mounted in middle of highway, no real shoulder on top of bridge
Paint on Structure (s)?	Yes
Paint on what Components/Structure(s)?	Mounts holding sign to bridge and concrete
Suspect Asbestos Containing Materials Identified on Structure	No
Guano Present?	No
Homeless Activity	No
Bloodborne Pathogen Concerns?	No
Mice/Mouse Nests/Droppings	No

Sign No. 20370 - North Haven

Bridge/Sign/Light Pole/Traffic Signal No.	Sign No. 20370 - North Haven
General Notes	Heavy brush around support base. TCLP needed. A lot of poison ivy
Accessibility	Accessible
Paint on Structure (s)?	Yes
Paint on what Components/Structure(s)?	Support
Suspect Asbestos Containing Materials Identified on Structure	No
Guano Present?	No
Homeless Activity	No
Bloodborne Pathogen Concerns?	No
Mice/Mouse Nests/Droppings	No

Sign No. 20327 - North Haven

Bridge/Sign/Light Pole/Traffic Signal No.	Sign No. 20327 - North Haven
General Notes	TCLP needed. Poison ivy at base
Accessibility	Accessible
Paint on Structure (s)?	Yes
Paint on what Components/Structure(s)?	Support
Suspect Asbestos Containing Materials Identified on Structure	No
Guano Present?	No
Homeless Activity	No
Bloodborne Pathogen Concerns?	No
Mice/Mouse Nests/Droppings	No

Sign No. 20360 - Wallingford

Bridge/Sign/Light Pole/Traffic Signal No.	Sign No. 20360 - Wallingford
General Notes	Heavy brush around base. TCLP needed
Accessibility	Accessible
Paint on Structure (s)?	Yes
Paint on what Components/Structure(s)?	Support
Suspect Asbestos Containing Materials Identified on Structure	No
Guano Present?	No
Homeless Activity	No
Bloodborne Pathogen Concerns?	No
Mice/Mouse Nests/Droppings	No

Sign No. 20721A - Meriden

Bridge/Sign/Light Pole/Traffic Signal No.	Sign No. 20721A - Meriden
General Notes	XRF shot taken on bridge I- beam which visually appears to be the same paint as the sign brackets
Accessibility	Inaccessible
Why Inaccessible?	No shoulder on top, sign mounted in middle of bridge
Paint on Structure (s)?	Yes
Paint on what Components/Structure(s)?	Brackets mounting sign
Suspect Asbestos Containing Materials Identified on Structure	No
Guano Present?	No
Homeless Activity	No
Bloodborne Pathogen Concerns?	No
Mice/Mouse Nests/Droppings	No

Sign No. 20721B - Meriden

Bridge/Sign/Light Pole/Traffic Signal No.	Sign No. 20721B - Meriden
General Notes	XRF shot taken on bridge i-beam which visually appears to be the same paint as the sign brackets
Accessibility	Inaccessible
Why Inaccessible?	No shoulder on top, sign mounted in middle of bridge

Paint on Structure (s)?	Yes
Paint on what Components/Structure(s)?	Bracket mounting sign to bring beams
Suspect Asbestos Containing Materials Identified on Structure	No
Guano Present?	No
Homeless Activity	No
Bloodborne Pathogen Concerns?	No
Mice/Mouse Nests/Droppings	No

Sign No. 20720 - Meriden

Bridge/Sign/Light Pole/Traffic Signal No.	Sign No. 20720 - Meriden
General Notes	TCLP needed
Accessibility	Accessible
Paint on Structure (s)?	Yes
Paint on what Components/Structure(s)?	Whole metal support and nuts/bolts @ bottom
Suspect Asbestos Containing Materials Identified on Structure	No
Guano Present?	No
Homeless Activity	No
Bloodborne Pathogen Concerns?	No
Mice/Mouse Nests/Droppings	No

Sign No. 20354 - Meriden

Bridge/Sign/Light Pole/Traffic Signal No.	Sign No. 20354 - Meriden
General Notes	Support and signs no longer on I-91 SB
Accessibility	Inaccessible
Why Inaccessible?	No longer a structure. Driving down I-91 SB we passed the exit 17 1 mile marker sign then directly hit the exit 17 exit sign
Paint on Structure (s)?	No
Suspect Asbestos Containing Materials Identified on Structure	No
Guano Present?	No
Homeless Activity	No
Bloodborne Pathogen Concerns?	No
Mice/Mouse Nests/Droppings	No

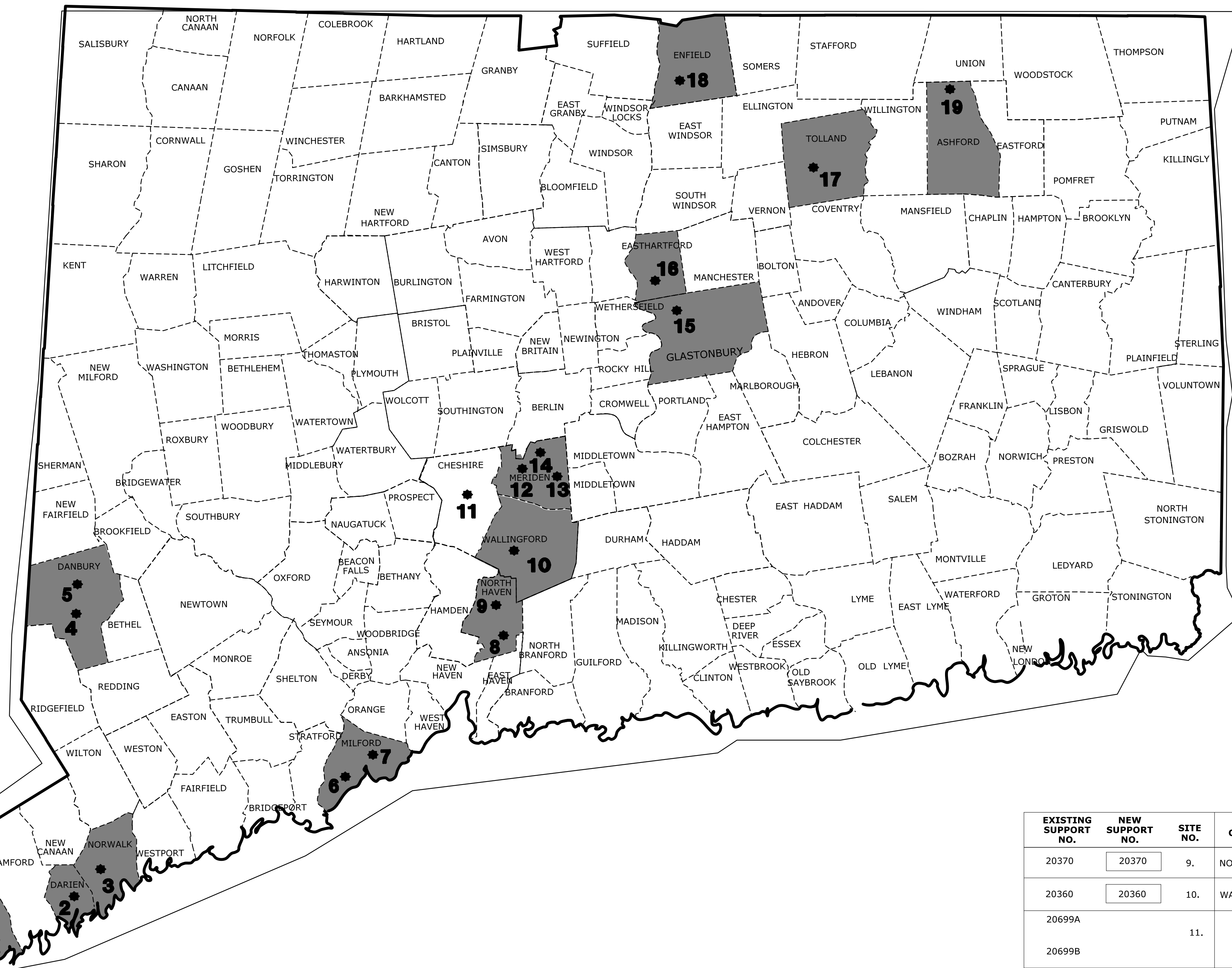
General Information

Asbestos Samples Submitted to TRC Lab	Yes
Date Submitted to Lab	2020-06-02
App Name	WinBSI HBM Survey 1.0

Generate Report Documentation

Select one or more documents below to be generated. Once completed in the cloud, they will be sent to the listed email address. Please report any difficulties or errors to Justin Coleman.

What documents should be generated?	Asbestos chain-of-custody
Where should the document(s) be sent?	sarienti@trcsolutions.com
Generate Documents	N/A



CONSTRUCTION NOTES

1. THE RELATIVE LOCATION OF EACH SIGN ON OVERHEAD STRUCTURE IS SHOWN READING ALPHABETICALLY FROM LEFT TO RIGHT AS VIEWED BY TRAFFIC.
2. ALL SIGN FOUNDATIONS SHALL BE FIELD STAKED AND THE LOCATIONS APPROVED BY AN ENGINEER FROM THE DIVISION OF TRAFFIC ENGINEERING BEFORE CONCRETE IS POURED.
3. THE REMOVAL OF EXISTING OVERHEAD SIGNS WILL BE PAID FOR UNDER ITEM#1206025A "REMOVAL AND RELOCATION OF EXISTING OVERHEAD SIGNING."
4. THE CONTRACTOR SHALL CLEAR AND TRIM AS DIRECTED BY THE ENGINEER TO PROVIDE ADEQUATE SIGHTLINE TO THE SIGNS. THIS WORK SHALL BE PAID FOR UNDER ITEM #0952001A SELECTIVE CLEARING AND THINNING.
5. WHEN A SIGN IS TO BE REPLACED THE EXISTING SIGN IS NOT TO BE REMOVED UNTIL THE REPLACEMENT SIGN IS INSTALLED.
6. ALL EXISTING PAVEMENT MARKINGS SHOWN ARE TO REMAIN EXCEPT WHERE NOTED OTHERWISE.

EXISTING SUPPORT NO.	NEW SUPPORT NO.	SITE NO.	CITY/TOWN	ROUTE	LOCATION	APPROX. MILEAGE	ADDITIONAL SITES NO.	SCOPE OF WORK	DRAWING NO.	SHEET NO.
20012	20012	1.	GREENWICH	I-95 NORTH	AT EXIT 5 TO RIVERSIDE OLD GREENWICH & RTE. 1	5.53		REPLACE BRIDGE MOUNT WITH 4 CHORD CANTILEVER	SPM-01	
20013	20012	1.1	GREENWICH	I-95 NORTH	3/4 MILE BEFORE EXIT 6 TO HARVARD AVE.	5.67	1.1	REMOVE CANTILEVER AND REPLACE NEW SIGN AT SITE 1 CANTILEVER	SPM-01	
22067	N/A	2.	DARIEN	I-95 EXIT 11 OFF-RAMP	AT EXIT 11 I-95 S.B OFF RAMP LEDGE RD & LEROY AVE.	0.12		REMOVE EXISTING FOUNDATIONS AND POSTS & INSTALL MAST ARMS AND SHEET SIGNS	SPM-02	
20270	20270	3.	NORWALK	I-95 SOUTH RAMP	RAMP TO RTE. 7 NORTH & SOUTH NORWAK	0.12		REPLACE TRUSS WITH 4 CHORD CANTILEVER	SPM-03	
20461	20461	4.	DANBURY	I-84 WEST	1/2 MILE BEFORE EXIT 2B-2A TO MILL PLAIN RD.	2.44		REPLACE BRIDGE MOUNT WITH 4 CHORD CANTILEVER	SPM-04	
21882	N/A	5.	DANBURY	SR 840 SOUTH (WHITE TURKEY EXT.)	AT WHITE TURKEY RD EXT. SIGN S & N FEDERAL RD.	0.06		REMOVE EXISTING FOUNDATIONS AND POST & RELOCATE SHEET ALUMINUM SIGN	SPM-05	
20740	20740	6.	MILFORD	SR 796 (MILFORD PARKWAY) NORTH & SOUTH	1/2 MILE BEFORE EXIT 4 TO WHEELERS FARM RD.	1.75		REPLACE MONOTUBE WITH 4 CHORD CANTILEVER IN NEW LOCATION	SPM-06	
20119	20118	7.	MILFORD	I-95 NORTH	3/4 MILE BEFORE EXIT 41 TO MARSH HILL RD	40.77		BRIDGE MOUNT SIGN ALREADY REMOVED. REPLACE TEMPORARY SIDE MOUNTED WITH 4 CHORD CANTILIEVER	SPM-07	
20118	20118	7.1	MILFORD	I-95 NORTH	1/2 MILE BEFORE SEVICE PLAZA FOOD FUEL ATM	40.59	7.1	REMOVE CANTILEVER SIGN AND SUPPORT (EXISTING SERVICE PLAZA SIGN)	SPM-07	
20328	20327	8.	NORTH HAVEN	I-91 NORTH	AT RTE. 40 BRIDGE OVER I-91 NORTH	6.74		REPLACE BRIDGE MOUNTED WITH MONOTUBE	SPM-08	
20327	20327	8.1	NORTH HAVEN	I-91 NORTH	1 MILE BEFORE EXIT 11 TO NORTH HAVEN RTE. 22	6.64	8.1	REPLACE CANTILEVER WITH MONOTUBE	SPM-08	

EXISTING SUPPORT NO.	NEW SUPPORT NO.	SITE NO.	CITY/TOWN	ROUTE	LOCATION	APPROX. MILEAGE	ADDITIONAL SITE NO.	SCOPE OF WORK	DRAWING NO.	SHEET NO.
20370	20370	9.	NORTH HAVEN	I-91 SOUTH	1 MILE BEFORE EXIT 10 TO RTE. 40 MT. CARMEL	8.04		REPLACE WITH 4 CHORD CANTILEVER	SPM-09	
20360	20360	10.	WALLINGFORD	I-91 SOUTH	1/2 MILE BEFORE EXIT 14 TO RTE.150 E. CENTER ST.	13.92		REPLACE WITH 4 CHORD CANTILEVER	SPM-10	
20699A		11.						SITE 11 ELIMINATED FROM PROJECT DURING DESIGN		
20699B										
20721A	20721A	12.	MERIDEN	ROUTE 66 WEST	AT EXIT 10 TO I-91 SOUTH RTE. 15 SOUTH & EXIT TO RTE. 15 NORTH	0.06		REMOVE BRIDGE MOUNT SIGNS AND RELOCATE AT SITE 13 ON MONOTUBE (COMBINED)	SPM-12	
20721B	20721B									
20720	20720	13.	MERIDEN	ROUTE 66 WEST	AT EXIT 11 TO I-91 NORTH	0.20		REPLACE CANTILEVER AND INSTALL MONOTUBE (SITE 12 & 13 COMBINED AT SITE 13)	SPM-13	
20354	N/A	14.	MERIDEN	I-91 SOUTH	1/2 MILE BEFORE EXIT 17 TO E. MAIN ST & RTE. 15 SOUTH	20.13		INSTALL SIDE MOUNT SIGN (4 CHORD TRUSS IS ALREADY REMOVED)	SPM-14	
21165	N/A	15.	GLASTONBURY	ROUTE 2 EAST	3/4 MILE BEFORE EXIT 7 TO RTE. 17 SOUTH	4.40		REMOVE BRIDGE MOUNT SIGN AND INSTALL SIDE MOUNT SIGN	SPM-15	
21615A	N/A	16.	EAST HARTFORD	I-84 EAST	1/4 MILE BEFORE EXIT 59 TO I-384 EAST	66.20		REMOVE BRIDGE MOUNTED AND INSTALL SIDE MOUNT SIGN	SPM-16	
21632A	N/A	17.	TOLLAND	I-84 EAST	2 MILES BEFORE THE REST AREA	81.88		REMOVE BRIDGE MOUNT AND INSTALL SIDE MOUNT SHEET ALUMINUM	SPM-17	
21385	21385	18.	ENFIELD	I-91 NORTH	AT EXIT 46 TO RTE. 5 KING STREET	52.69		REPLACE BRIDGE MOUNT WITH 4 CHORD CANTILEVER	SPM-18	
21635	N/A	19.	ASHFORD	I-84 EAST	1 MILE BEFORE EXIT 73 TO RTE. 190 UNION	92.02	19.	INSTALL SIDE MOUNT & REMOVE TEMPORARY ALUMINUM SIGN	SPM-19	

THE INFORMATION, INCLUDING ESTIMATED QUANTITIES OF WORK SHOWN ON THESE SHEETS IS BASED ON LIMITED INVESTIGATIONS BY THE STATE AND IS IN NO WAY WARRANTED TO INDICATE THE CONDITIONS OF ACTUAL QUANTITIES OF WORK WHICH WILL BE REQUIRED.		DESIGNER/DRAFTER: J. Orr CHECKED BY: J. Massini SCALE = NONE	STATE OF CONNECTICUT DEPARTMENT OF TRANSPORTATION File name: ...TR_MSH_INX_0170_3527.dgn	SIGNATURE/BLOCK: OFFICE OF ENGINEERING APPROVED BY:	PROJECT TITLE: STATEWIDE REPLACEMENT OF OVERHEAD SIGN SUPPORTS ON VARIOUS ROUTES	TOWN: VARIOUS SITES	PROJECT NO. 170-3527 DRAWING NO. INX-1 SHEET NO.
REV.	DATE	REVISION DESCRIPTION	SHEET NO.	Plotted Date: 5/31/2020			