21 Griffin Rd. North
Windsor, CT 06095

T 860.298.9692
TRCcompanies.com

May 20, 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. / Felix Mathieu

Subject: On-Call Asbestos, Lead, Air Quality & Demolition Compliance
Agreement No.: 8.07-01 (18)
HazMat Inspection - Merritt Parkway Bridge Nos. 00723, 00724, 00725 & the 4x4 box culvert at Exit 40B, Norwalk & Westport, CT
ConnDOT Assignment No. 519-5716
ConnDOT Project No. 102-368
TRC Project No. 289951.5716.0710

Dear Mr. Mathieu:

TRC performed a limited survey for hazardous building materials associated with the rehabilitation of Bridge Nos. 00723, 00724, 00725 and the 4x4 box culvert at Exit 40B on the Merritt Parkway in Norwalk & Westport, Connecticut. No lead paint or asbestos containing materials (ACM) were identified on the 3 bridges or the 4x4 box culvert. Further, no other hazardous/regulated items, bird/pigeon guano accumulations or bloodborne pathogens (BBP) concerns were identified at Bridge Nos. 00723, 00724, 00725 or the 4x4 box culvert. Associated laboratory data, TRC Mobile Data Solutions report and project site map are attached.

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

Very Truly Yours,

TRC

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

Reviewed By

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

Lead Based Paint Measurement Summary Table

Device(s) : Niton XLP301-A (Serial #25555) X Ray Fluorescence (XRF) Spectrum Analyzer
Client : ConnDOT
Site : Merritt Parkway Bridges - New Canaan, Norwalk, Westport
Project # : 289951.5716.0710
Date(s) : 5/15/2019, 5/16/2019, 5/17/2019
Inspector : Catie Lemire, Dennis Ryder, Tyler MacGillivray

Number	Floor	Room	Side	Structure	Feature	Material	Color	Condition	Reading (mg/cm^2)	Precision (mg/cm^2)	Depth Index	Duration (sec)	Date/Time
1		**Shutter Calibration**							3.1	0.0		98.17	5/15/2019 12:34
2		**0.0 Calibration**							0.0	0.0	1.0	4.16	5/15/2019 12:36
3		**1.6 Calibration**							1.6	0.1	1.17	8.05	5/15/2019 12:36
4		**3.5 Calibration**							3.7	0.2	1.32	12.51	5/15/2019 12:37
5	EXTERIOR	Bridge 00713				Concrete	Tan/beige		**0.1**	0.0	1.68	8.34	5/15/2019 12:41
6	EXTERIOR	Bridge 00713				Concrete	Tan/beige		**0.1**	0.0	1.62	9.21	5/15/2019 12:42
7	EXTERIOR	Bridge 00713				Concrete	Tan/beige		0.0	0.0	1.0	8.33	5/15/2019 12:42
8	EXTERIOR	Bridge 00713				Concrete	Tan/beige		**0.1**	0.1	2.07	1.18	5/15/2019 12:43
9	EXTERIOR	Bridge 00713				Concrete	Tan/beige		0.0	0.1	1.0	0.89	5/15/2019 12:43
10	EXTERIOR	Bridge 00713				Concrete	Tan/beige		**0.1**	0.0	1.44	6.84	5/15/2019 12:43
11	EXTERIOR	Bridge 00713				Concrete	Tan/beige		**0.1**	0.0	1.16	6.83	5/15/2019 12:45
12	EXTERIOR	Bridge 00713				Concrete	Tan/beige		0.0	0.0	1.04	7.45	5/15/2019 12:45
13	EXTERIOR	Bridge 00713				Concrete	Tan/beige		0.0	0.0	1.0	11.0	5/15/2019 12:46
14	EXTERIOR	Bridge 00713				Concrete	Tan/beige		0.0	0.0	1.0	9.53	5/15/2019 12:47
15	EXTERIOR	Bridge 00713				Concrete	Tan/beige		0.0	0.0	1.0	12.5	5/15/2019 12:47
16	EXTERIOR	Bridge 00713				Concrete	Tan/beige		0.0	0.0	1.03	10.71	5/15/2019 12:48
17	EXTERIOR	Bridge 05811				Concrete	Tan/beige		0.0	0.0	1.0	3.55	5/15/2019 13:13
18	EXTERIOR	Bridge 05811				Concrete	Tan/beige		0.0	0.0	1.0	3.57	5/15/2019 13:14
19	EXTERIOR	Bridge 05811				Concrete	Tan/beige		0.0	0.0	1.0	6.24	5/15/2019 13:14
20	EXTERIOR	Bridge 00715				Concrete	Tan/beige		0.0	0.0	1.0	9.24	5/15/2019 14:19
21	EXTERIOR	Bridge 00715				Concrete	Tan/beige		0.0	0.0	1.0	8.92	5/15/2019 14:20
22	EXTERIOR	Bridge 00715				Concrete	Tan/beige		0.0	0.0	1.0	11.59	5/15/2019 14:20
23	EXTERIOR	Bridge 00715				Concrete	Tan/beige		0.0	0.0	1.0	3.85	5/15/2019 14:20
24		**0.0 Calibration**							0.0	0.0	1.0	1.77	5/15/2019 14:48
25		**1.6 Calibration**							1.5	0.3	1.09	3.28	5/15/2019 14:48
26		**3.5 Calibration**							3.6	0.3	1.3	7.13	5/15/2019 14:49
27		**Shutter Calibration**							3.5	0.0		96.39	5/16/2019 10:20
28		**0.0 Calibration**							0.0	0.0	1.0	10.37	5/16/2019 10:24
29		**1.6 Calibration**							1.6	0.1	1.16	11.26	5/16/2019 10:25

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 #25555) X Ray Fluorescence (XRF) Spectrum Analyzer
Client : ConnDOT
Site : Merritt Parkway Bridges - New Canaan, Norwalk, Westport
Project # : 289951.5716.0710
Date(s) : 5/15/2019, 5/16/2019, 5/17/2019
Inspector : Catie Lemire, Dennis Ryder, Tyler MacGillivray

Number	Floor	Room	Side	Structure	Feature	Material	Color	Condition	Reading (mg/cm^2)	Precision (mg/cm^2)	Depth Index	Duration (sec)	Date/Time
30		**3.5 Calibration**							3.8	0.2	1.32	10.67	5/16/2019 10:25
31		Bridge 00717	south	Wall		Concrete	Brown	Defective	0.0	0.0	1.0	10.43	5/16/2019 10:56
32		Bridge 00717	north	Wall		Concrete	Brown	Defective	0.0	0.0	1.0	10.98	5/16/2019 10:58
33	EXTERIOR	Bridge 00717	north	Wall		Concrete	Light Brow	Defective	0.0	0.0	1.33	11.55	5/16/2019 11:00
34	EXTERIOR	Bridge 00718	north	Beam		Metal	Green	Defective	**9.4**	1.2	1.97	10.43	5/16/2019 11:18
35	EXTERIOR	Bridge 00718	north	Beam		Metal	Green	Defective	**10.1**	1.2	2.05	11.29	5/16/2019 11:18
36	EXTERIOR	Bridge 00718	north	Bearing		Metal	Green	Defective	0.0	0.0	3.59	9.78	5/16/2019 11:20
37	EXTERIOR	Bridge 00718	north	Bearing		Metal	Green	Defective	0.0	0.0	1.0	5.64	5/16/2019 11:20
38	EXTERIOR	Bridge 00718	north	Cross Beam		Metal	Green	Defective	**0.5**	0.1	1.96	9.5	5/16/2019 11:21
39	EXTERIOR	Bridge 00718	north	Cross Beam		Metal	Green	Defective	**0.5**	0.1	2.52	12.17	5/16/2019 11:22
40	EXTERIOR	Bridge 00718	north	Beam		Metal	Green	Defective	**13.4**	1.3	2.21	11.28	5/16/2019 11:22
41	EXTERIOR	Bridge 00719	south	Wall		Concrete	Red	Defective	0.0	0.0	1.0	10.4	5/16/2019 12:13
42	EXTERIOR	Bridge 00719	south	Wall		Concrete	Blue	Defective	0.0	0.0	1.0	9.8	5/16/2019 12:14
43	EXTERIOR	Bridge 00719	north	Wall		Concrete	Brown	Defective	0.0	0.0	1.0	10.41	5/16/2019 12:16
44	EXTERIOR	Bridge 06069	east	beam		Metal	Grey	Intact	**4.3**	0.8	1.52	2.69	5/16/2019 14:07
45	EXTERIOR	Bridge 06069	east	beam		Metal	Grey	Intact	**3.8**	0.3	1.47	6.21	5/16/2019 14:07
46	EXTERIOR	Bridge 06069	east	Cross Beam		Metal	Grey	Intact	**8.3**	3.3	1.67	2.97	5/16/2019 14:08
47	EXTERIOR	Bridge 06069	east	Cross Beam		Metal	Grey	Intact	**4.7**	0.5	1.57	4.16	5/16/2019 14:08
48	EXTERIOR	Bridge 06069	east	Cross Beam		Metal	Grey	Intact	**3.6**	0.3	1.49	5.36	5/16/2019 14:09
49	EXTERIOR	Bridge 06069	east	Rocker		Metal	Grey	Intact	**8.5**	1.5	2.09	5.94	5/16/2019 14:10
50		**0.0 Calibration**							0.0	0.0	1.0	10.38	5/16/2019 14:25
51		**1.6 Calibration**							1.6	0.1	1.17	10.68	5/16/2019 14:26
52		**3.5 Calibration**							3.7	0.2	1.3	11.01	5/16/2019 14:27
53		**Shutter Calibration**							0.0	0.0		96.24	5/17/2019 11:41
54		**Shutter Calibration**							3.0	0.0		98.17	5/17/2019 11:47
55		**0.0 Calibration**							0.0	0.0	1.0	4.75	5/17/2019 11:48
56		**1.6 Calibration**							1.7	0.1	1.2	17.47	5/17/2019 11:49
57		**0.3 Calibration**							0.3	0.0	1.01	13.37	5/17/2019 11:49
58	EXTERIOR	Bridge 00723		Railing		Concrete	Tan/beige	Intact	0.0	0.0	1.0	4.75	5/17/2019 11:51

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 #25555) X Ray Fluorescence (XRF) Spectrum Analyzer
Client : ConnDOT
Site : Merritt Parkway Bridges - New Canaan, Norwalk, Westport
Project # : 289951.5716.0710
Date(s) : 5/15/2019, 5/16/2019, 5/17/2019
Inspector : Catie Lemire, Dennis Ryder, Tyler MacGillivray

Number	Floor	Room	Side	Structure	Feature	Material	Color	Condition	Reading (mg/cm^2)	Precision (mg/cm^2)	Depth Index	Duration (sec)	Date/Time
59	EXTERIOR	Bridge 00723		Railing		Concrete	Tan/beige	Intact	0.0	0.0	1.0	3.55	5/17/2019 11:51
60	EXTERIOR	Bridge 00723		Railing		Concrete	Tan/beige	Intact	0.0	0.0	1.0	3.54	5/17/2019 11:52
61	EXTERIOR	Bridge 00723		Railing		Concrete	Tan/beige	Intact	0.0	0.0	1.0	3.25	5/17/2019 11:52
62	EXTERIOR	Bridge 00723		Railing		Concrete	Tan/beige	Intact	0.0	0.0	1.0	3.86	5/17/2019 11:53
63	EXTERIOR	Bridge 00723		Railing		Concrete	Tan/beige	Intact	0.0	0.0	1.0	3.87	5/17/2019 11:54
64	EXTERIOR	Bridge 00723		Railing		Concrete	Tan/beige	Intact	0.0	0.0	1.0	3.27	5/17/2019 11:54
65	EXTERIOR	Bridge 00723		Railing		Concrete	Tan/beige	Intact	0.0	0.0	1.0	4.44	5/17/2019 11:54
66	EXTERIOR	Bridge 00723		Railing		Concrete	Tan/beige	Intact	0.0	0.0	1.0	2.67	5/17/2019 11:55
67	EXTERIOR	Bridge 00723		Railing		Concrete	Tan/beige	Intact	0.0	0.0	1.0	3.86	5/17/2019 11:55
68	EXTERIOR	Bridge 00723		Railing		Concrete	Tan/beige	Intact	0.0	0.0	1.0	3.86	5/17/2019 11:56
69		**0.0 Calibration**							0.0	0.0	1.0	2.07	5/17/2019 12:38
70		**1.6 Calibration**							1.6	0.1	1.16	10.4	5/17/2019 12:38
71		**0.3 Calibration**							0.3	0.0	1.07	16.3	5/17/2019 12:39

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

80 Lupes Drive
Stratford, CT 06615

Tel: (203) 377-9984
Fax: (203) 377-9952
e-mail: cet1@cetlabs.com

COMPLETE ENVIRONMENTAL TESTING, INC.

Client: Mr. Erik Plimpton
TRC Environmental Consultants
21 Griffin Rd., North
Windsor, CT 06095

Analytical Report

CET# 9050732

Report Date:May 30, 2019
Project: CT DOT, RT 15 Various Bridges
Project Number: 289951.5716.0710

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

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

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
01 Bridge 5811	9050732-01	Paint Chip	5/15/2019 11:30	05/24/2019
02 Bridge 00713	9050732-02	Paint Chip	5/15/2019 12:30	05/24/2019
03 Bridge 00715	9050732-03	Paint Chip	5/15/2019 12:45	05/24/2019
04 Bridge 00717	9050732-04	Paint Chip	5/16/2019 11:15	05/24/2019
05 Bridge 00718	9050732-05	Paint Chip	5/16/2019 11:41	05/24/2019
06 Bridge 00723	9050732-06	Paint Chip	5/16/2019 12:30	05/24/2019
07 Bridge 06069	9050732-07	Paint Chip	5/16/2019 13:30	05/24/2019

Analyte: Total Lead [EPA 6010C] **Analyst: SS**

Prep: EPA 3051A **Matrix: Paint Chip**

Laboratory ID	Client Sample ID	Result	RL	Units	Dilution	Batch	Prepared	Date/Time Analyzed	Notes
9050732-01	01 Bridge 5811	ND	0.10	%	1	B9E2827	05/28/2019	05/28/2019 17:33	
9050732-02	02 Bridge 00713	0.10	0.10	%	1	B9E2827	05/28/2019	05/28/2019 17:37	
9050732-03	03 Bridge 00715	ND	0.10	%	1	B9E2827	05/28/2019	05/28/2019 17:42	
9050732-04	04 Bridge 00717	ND	0.10	%	1	B9E2827	05/28/2019	05/28/2019 17:46	
9050732-06	06 Bridge 00723	ND	0.10	%	1	B9E2827	05/28/2019	05/28/2019 17:50	

Analyte: TCLP Lead [EPA 6020A] **Analyst: CED**

Prep: EPA 3005A-1311 **Matrix: Extract**

Laboratory ID	Client Sample ID	Result	RL	Units	Dilution	Batch	Prepared	Date/Time Analyzed	Notes
9050732-05	05 Bridge 00718	290	0.10	mg/L	8	B9E2935	05/29/2019	05/29/2019 17:02	
9050732-07	07 Bridge 06069	29	0.013	mg/L	1	B9E2935	05/29/2019	05/29/2019 16:57	

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

Sincerely,

David Ditta
Laboratory Director

This technical report was reviewed by Robert Blake

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 # : 9050732
Project: CT DOT, RT 15 Various Bridges
Project Number: 289951.5716.0710

CERTIFICATIONS

Certified Analyses included in this Report

Analyte	Certifications
EPA 6010C in Solid	
Lead	CT,NY,PA
EPA 6020A in Water	
Lead	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	04/01/2020
PA	Pennsylvania DEP	68-02927	05/31/2020

9050732

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

Edition: November 2013
Supersede Previous Edition

TCLP CHAIN OF CUSTODY

LAB ID #.

PROJECT NUMBER	PROJECT NAME
289951.5716.0710	RT 15 various Bridges

INSPECTOR: (SIGNATURE)	(PRINTED)
Tyler MacGillivray	Tyler MacGillivray

TURNAROUND TIME: 24hr | 48hr | 3day | 5day

FIELD SAMPLE NUMBER	DATE	TIME	TYPE COMP	TYPE GRAB	SAMPLE LOCATION	RCRA Pb	RCRA Pb, AS, CR, CD	8 RCRA Metals	TCLP Pb	SPLP Pb	Paint Chip	MATERIAL
01	5/15/19	11:30		X	Bridge 5811 ✓				X		X	Tan Paint on con
02	5/15/19	12:30		X	Bridge 00713 ✓				X		X	Beige Paint on con
03	5/15/19	12:45		X	Bridge 00715 ✓				X		X	Tan Paint on con
04	5/16/19	11:15		X	Bridge 00717				X		X	Grey Paint
05	5/16/19	11:41		X	Bridge 00718				X			Green Paint on steel
06	5/16/19	12:30		X	Bridge 00723				X		X	Tan Paint on con
07	5/16/19	13:30		X	Bridge 06069				X			Grey Paint on steel

22 °C

Relinquished by: (Signature)	Date:	Received by: (Signature)	Relinquished by: (Signature)	Date:	Received by: (Signature)
Tyler MacGillivray	5/24/19	1040 5/24/19		5/24/19	5-24-19
(Printed) Tyler MacGillivray	Time: 05:50	(Printed) GREG GILDAY	(Printed) GREG GILDAY	Time: 1300	(Printed)

Please send remarks to Eplimpton@TRCcompanies.com & SArienti@TRCcompanies

Page 1 of 1

☆ If paint chip sample is negative do not run TCLP ☆

Industrial Hygiene Laboratory
21 Griffin Road North
Windsor, CT 06095
(860) 298-6308

TRC
Results you can rely on

BULK ASBESTOS ANALYSIS REPORT

CLIENT: CT Department of Transportation

Lab Log #: 0053800
Project #: 289951.5716.0710
Date Received: 05/23/2019
Date Analyzed: 05/24/2019

Site: Rt. 15 Bridges, New Canaan to Westport, CT

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

Sample No.	Color	Homogenous	Multi-Layered	Layer No.	Other Matrix Materials	Asbestos %	Asbestos Type
1	White (caulk)	Yes	No	- -	- - -	ND	None
2	White (caulk)	Yes	No	- -	- - -	ND	None
3	White (caulk)	Yes	No	- -	- - -	ND	None
4	White (caulk)	Yes	No	- -	- - -	ND	None
5	Grey (caulk)	Yes	No	- -	- - -	ND	None
6	Grey (caulk)	Yes	No	- -	- - -	ND	None
7	Grey (caulk)	Yes	No	- -	- - -	ND	None
8	Grey (caulk)	Yes	No	- -	- - -	ND	None
9	Light Grey (caulk)	Yes	No	- -	- - -	ND	None
10	Light Grey (caulk)	Yes	No	- -	- - -	ND	None
11	White (caulk)	Yes	No	- -	- - -	ND	None
12	White (caulk)	Yes	No	- -	- - -	ND	None
13	Grey (caulk)	Yes	No	- -	- - -	ND	None
14	Grey (caulk)	Yes	No	- -	- - -	ND	None
15	Grey (caulk)	Yes	No	- -	- - -	ND	None
16	Grey (caulk)	Yes	No	- -	- - -	ND	None
17	White (caulk)	Yes	No	- -	- - -	ND	None

Industrial Hygiene Laboratory
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Windsor, CT 06095
(860) 298-6308

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Results you can rely on

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

Sample No.	Color	Homogenous	Multi-Layered	Layer No.	Other Matrix Materials	Asbestos %	Asbestos Type
18	White (caulk)	Yes	No	- -	- - -	ND	None
19	White (caulk)	Yes	No	- -	- - -	ND	None
20	White (caulk)	Yes	No	- -	- - -	ND	None
21	Grey/White (caulk)	Yes	No	- -	- - -	ND	None
22	Grey/White (caulk)	Yes	No	- -	- - -	ND	None
23	White (caulk)	Yes	No	- -	- - -	ND	None
24	White (caulk)	Yes	No	- -	- - -	ND	None
25	White (caulk)	Yes	No	- -	- - -	ND	None
26	White (caulk)	Yes	No	- -	- - -	ND	None
27	Tan (caulk)	Yes	No	- -	- - -	ND	None
28	Tan (caulk)	Yes	No	- -	- - -	ND	None
29	White (caulk)	Yes	No	- -	- - -	ND	None
30	White (caulk)	Yes	No	- -	- - -	ND	None
31	Tan (caulk)	Yes	No	- -	- - -	ND	None
32	Tan (caulk)	Yes	No	- -	- - -	ND	None
33	White (caulk)	Yes	No	- -	- - -	ND	None
34	White (caulk)	Yes	No	- -	- - -	ND	None
35	White (caulk)	Yes	No	- -	- - -	ND	None
36	White (caulk)	Yes	No	- -	- - -	ND	None
37	White (caulk)	Yes	No	- -	- - -	ND	None
38	White (caulk)	Yes	No	- -	- - -	ND	None
39	White (caulk)	Yes	No	- -	- - -	ND	None
40	White (caulk)	Yes	No	- -	- - -	ND	None

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Results you can rely on

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

Sample No.	Color	Homogenous	Multi-Layered	Layer No.	Other Matrix Materials	Asbestos %	Asbestos Type
41	White (caulk)	Yes	No	- -	- - -	ND	None
42	White (caulk)	Yes	No	- -	- - -	ND	None
43	White (caulk)	Yes	No	- -	- - -	ND	None
44	White (caulk)	Yes	No	- -	- - -	ND	None
45	White (caulk)	Yes	No	- -	- - -	ND	None
46	White (caulk)	Yes	No	- -	- - -	ND	None
47	Grey (caulk)	Yes	No	- -	- - -	ND	None
48	Grey (caulk)	Yes	No	- -	- - -	ND	None
49	White (caulk)	Yes	No	- -	- - -	ND	None
50	White (caulk)	Yes	No	- -	- - -	ND	None
51	White (caulk)	Yes	No	- -	- - -	ND	None
52	White (caulk)	Yes	No	- -	- - -	ND	None
53	White (caulk)	Yes	No	- -	- - -	ND	None
54	White (caulk)	Yes	No	- -	- - -	ND	None
55	White (concrete)	Yes	No	- -	- - -	ND	None
56	White (concrete)	Yes	No	- -	- - -	ND	None
57	Black (expansion joint)	Yes	No	- -	90% cellulose	ND	None
58	Black (expansion joint)	Yes	No	- -	90% cellulose	ND	None
59	White (grout)	Yes	No	- -	- - -	ND	None
60	White (grout)	Yes	No	- -	- - -	ND	None
61	White (grout)	Yes	No	- -	- - -	ND	None
62	White (grout)	Yes	No	- -	- - -	ND	None
63	Tan (grout)	Yes	No	- -	- - -	ND	None

Industrial Hygiene Laboratory
21 Griffin Road North
Windsor, CT 06095
(860) 298-6308

TRC
Results you can rely on

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

Sample No.	Color	Homogenous	Multi-Layered	Layer No.	Other Matrix Materials		Asbestos %	Asbestos Type
64	Tan (grout)	Yes	No	- -		- - -	ND	None
65	Tan (grout)	Yes	No	- -		- - -	ND	None
66	Tan (grout)	Yes	No	- -		- - -	ND	None
67	Tan (grout)	Yes	No	- -		- - -	ND	None
68	Tan (grout)	Yes	No	- -		- - -	ND	None
69	Tan (mortar)	Yes	No	- -		- - -	ND	None
70	Tan (mortar)	Yes	No	- -		- - -	ND	None
71	Black (tar patch)	Yes	No	- -	10%	cellulose	10%	Chrysotile
72	- -	- -	- -	- -		- -	NA/PS	- -
73	Black (seam tar)	Yes	No	- -	30%	cellulose	3%	Chrysotile
74	- -	- -	- -	- -		- -	NA/PS	- -
75	Black (tar)	Yes	No	- -		- - -	ND	None
76	Black (tar)	Yes	No	- -		- - -	ND	None
77	Black (tar)	Yes	No	- -		- - -	ND	None
78	Black (tar)	Yes	No	- -		- - -	ND	None
79	Black (tar)	Yes	No	- -		- - -	ND	None
80	Black (tar)	Yes	No	- -		- - -	ND	None
81	Black (tar)	Yes	No	- -		- - -	ND	None
82	Black (tar)	Yes	No	- -		- - -	ND	None
83	Black (tar)	Yes	No	- -		- - -	ND	None
84	Black (tar)	Yes	No	- -		- - -	ND	None
85	Black (tar)	Yes	No	- -	20%	synthetic fiber	ND	None
86	Black (tar)	Yes	No	- -	20%	synthetic fiber	ND	None

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Results you can rely on

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

Sample No.	Color	Homogenous	Multi-Layered	Layer No.	Other Matrix Materials	Asbestos %	Asbestos Type
87	Black (tar)	Yes	No	- -	- - -	ND	None
88	Black (tar)	Yes	No	- -	- - -	ND	None
89	Black (tar)	Yes	No	- -	2% cellulose	ND	None
90	Black (tar)	Yes	No	- -	2% cellulose	ND	None
91	Black (tar)	Yes	No	- -	- - -	ND	None
92	Black (tar)	Yes	No	- -	- - -	ND	None

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, 2019. TRC is accredited by the AIHA Laboratory Accreditation Programs (AIHA-LAP), LLC in the Industrial Hygiene Program (IHLAP) for PLM effective through October 1, 2019. 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
Kathleen Williamson, Laboratory Manager

Reviewed by: Cathryn Lemire
Cathryn Lemire, Approved Signatory

Date Issued
05/24/2019

TRC
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

LAB ID #. 53800

PROJECT NUMBER	PROJECT NAME	PARAMETERS	TURNAROUND TIME							
289951.5716.0710	ConnDOT — New Canaan to Westport RT 15 Bridges, 47 Gerdes Rd, New Canaan, CT		PLM:		8hr		24hr		48hr	X	3day
			TEM:		24hr		48hr	X	3day		5day
SIGNATURE: Tyler MacGillivray	INSPECTOR: Brendan McClure,Catie Lemire,Dennis Ryder,Hilton Hernandez,Tyler Macgillivray									

FIELD SAMPLE NUMBER	DATE	TIME	TYPE: COMP	TYPE: GRAB	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
1	5/15/2019	10:53		X	Bridge 05810 west side	X				X	C1 - Hard white caulk
2	5/15/2019	10:54		X	Bridge 05810 East side	X					C1 - Hard white caulk
3	5/15/2019	11:23		X	Bridge 00712 west side	X				X	C2 - White pliable caulk
4	5/15/2019	11:24		X	Bridge 00712 East Side	X					C2 - White pliable caulk
5	5/15/2019	11:41		X	Bridge 00712 East Side	X				X	C3 - Soft grey caulk
6	5/15/2019	11:41		X	Bridge 00712 East Side	X					C3 - Soft grey caulk
7	5/15/2019	12:29		X	Bridge 00713 East side	X				X	C4 - Grey pliable caulk
8	5/15/2019	12:29		X	Bridge 00713 West Side	X					C4 - Grey pliable caulk
9	5/15/2019	13:13		X	Bridge 005811 west side	X				X	C5 - Pliable light grey caulk
10	5/15/2019	13:14		X	Bridge 005811 East side	X					C5 - Pliable light grey caulk
11	5/15/2019	13:28		X	Bridge 005811 North side	X				X	C6 - Hard white caulk

Relinquished by: (Signature)	Date:	Received by: (Signature)	Relinquished by: (Signature)	Date:	Received by: (Signature)
Tyler MacGillivray	5/22/19	5/23/19			
(Printed) Tyler MacGillivray	Time: 17:00	(Printed) 0900 Williamson	(Printed)	Time:	(Printed)

Remarks: Send remarks to Steve Arienti and Erik Plimpton

Condition of Samples: ✓
Acceptable: Yes ✓ No ____
Comments:

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PROJECT NUMBER	PROJECT NAME
289951.5716.0710	ConnDOT — New Canaan to Westport RT 15 Bridges, 47 Gerdes Rd, New Canaan, CT

SIGNATURE	INSPECTOR
Tyler MacGillivray	Brendan McClure,Catie Lemire,Dennis Ryder,Hilton Hernandez,Tyler Macgillivray

PARAMETERS

TURNAROUND TIME

PLM:		8hr		24hr		48hr	X	3day
TEM:		24hr		48hr	X	3day		5day

FIELD SAMPLE NUMBER	DATE	TIME	TYPE COMP	TYPE GRAB	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
12	5/15/2019	13:29		X	Bridge 005811 North side	X					C6 - Hard white caulk
13	5/15/2019	14:27		X	Bridge 00715 West Side	X				X	C7 - Sticky pliable grey caulk
14	5/15/2019	14:27		X	Bridge 00715 West side	X					C7 - Sticky pliable grey caulk
15	5/15/2019	14:46		X	Bridge 00715 East Side	X				X	C8 - Dusty soft grey caulk
16	5/15/2019	14:46		X	Bridge 00715 east side	X					C8 - Dusty soft grey caulk
17	5/16/2019	10:30		X	Bridge 00716 West side	X				X	C9 - Pliable white caulk
18	5/16/2019	10:30		X	Bridge 00716 West side	X					C9 - Pliable white caulk
19	5/16/2019	10:35		X	Bridge 00716 West under side	X				X	C10 - Dusty hard white caulk
20	5/16/2019	10:35		X	Bridge 00716 East underside	X					C10 - Dusty hard white caulk
21	5/16/2019	11:36		X	Bridge 00718 North side	X				X	C11 - Pliable sticky grey and white seam caulk
22	5/16/2019	11:37		X	Bridge 00718 south side	X					C11 - Pliable sticky grey and white seam caulk

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Tyler MacGillivray	5/22/19	5/23/19			
(Printed) Tyler MacGillivray	Time: 17:00	(Printed) 0900 K Williamson	(Printed)	Time:	(Printed)

Remarks: Send remarks to Steve Arienti and Erik Plimpton

Condition of Samples:
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Comments:

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ASBESTOS BULK SAMPLING CHAIN OF CUSTODY

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PROJECT NUMBER	PROJECT NAME
289951.5716.0710	ConnDOT — New Canaan to Westport RT 15 Bridges, 47 Gerdes Rd, New Canaan, CT

SIGNATURE	INSPECTOR
Tyler MacGillivray	Brendan McClure,Catie Lemire,Dennis Ryder,Hilton Hernandez,Tyler Macgillivray

PARAMETERS

TURNAROUND TIME

PLM:		8hr		24hr		48hr	X	3day
TEM:		24hr		48hr	X	3day		5day

FIELD SAMPLE NUMBER	DATE	TIME	TYPE COMP	TYPE GRAB	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
23	5/16/2019	12:40		X	Bridge 06067 south side abutment	X				X	C12 - Hard white pliable abutment caulk
24	5/16/2019	12:40		X	Bridge 06067 North side abutment	X					C12 - Hard white pliable abutment caulk
25	5/16/2019	12:41		X	Bridge 06068 south side	X				X	C13 - Hard pliable white caulk
26	5/16/2019	12:41		X	Bridge 06068 North side	X					C13 - Hard pliable white caulk
27	5/16/2019	12:26		X	Bridge 00719 North side	X				X	C14 - Soft tan crack caulk
28	5/16/2019	12:26		X	Bridge 00719 South side	X					C14 - Soft tan crack caulk
29	5/16/2019	14:33		X	Bridge 06069 North side	X				X	C15 - Pliable dusty white caulk
30	5/16/2019	14:34		X	Bridge 06069 North side	X					C15 - Pliable dusty white caulk
31	5/17/2019	09:58		X	Bridge 00725 under side south	X				X	C16 - Rubbery tan caulk
32	5/17/2019	09:58		X	Bridge 00725 under side north	X					C16 - Rubbery tan caulk

Relinquished by: (Signature)	Date:	Received by: (Signature)	Relinquished by: (Signature)	Date:	Received by: (Signature)
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(Printed) Tyler MacGillivray	Time: 17:00	(Printed) 0900 Williamson	(Printed)	Time:	(Printed)

Remarks: Send remarks to Steve Arienti and Erik Plimpton

Condition of Samples:
Acceptable: Yes ✓ No
Comments:

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ASBESTOS BULK SAMPLING CHAIN OF CUSTODY

Edition: October 2009
Supersede Previous Edition

LAB ID #. 53800

PROJECT NUMBER	PROJECT NAME
289951.5716.0710	ConnDOT — New Canaan to Westport RT 15 Bridges, 47 Gerdes Rd, New Canaan, CT

SIGNATURE	INSPECTOR
Tyler MacGillivray	Brendan McClure,Catie Lemire,Dennis Ryder,Hilton Hernandez,Tyler Macgillivray

PARAMETERS

TURNAROUND TIME

PLM:		8hr		24hr		48hr	X	3day
TEM:		24hr		48hr	X	3day		5day

FIELD SAMPLE NUMBER	DATE	TIME	TYPE COMP	TYPE GRAB	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
33	5/17/2019	09:59		X	Bridge 00725 under side west	X				X	C17 - Soft rubbery white caulk
34	5/17/2019	10:00		X	Bridge 00725 under side east	X					C17 - Soft rubbery white caulk
35	5/17/2019	10:19		X	Bridge 00725 south side	X				X	C18 - Dusty hard white caulk
36	5/17/2019	10:19		X	Bridge 00725 North side	X					C18 - Dusty hard white caulk
37	5/17/2019	10:22		X	Bridge 00725 North side	X				X	C19 - Hard brittle white caulk
38	5/17/2019	10:22		X	Bridge 00725 North side	X					C19 - Hard brittle white caulk
39	5/17/2019	11:00		X	Bridge 00724 east side	X				X	C20 - Hard pliable white caulk
40	5/17/2019	11:00		X	Bridge 00724 west side	X					C20 - Hard pliable white caulk
41	5/17/2019	11:01		X	Bridge 00724 east side	X				X	C21 - Rubbery white railing caulk
42	5/17/2019	11:01		X	Bridge 00724 west side	X					C21 - Rubbery white railing caulk
43	5/17/2019	11:04		X	Bridge 00724 North underside	X				X	C22 - Rubbery pliable white caulk

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Tyler MacGillivray	5/22/19	5/23/19			
(Printed)	Time:	(Printed)	(Printed)	Time:	(Printed)
Tyler MacGillivray	17:00	0900 Williamson			

Remarks: Send remarks to Steve Arienti and Erik Plimpton

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Comments:

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ASBESTOS BULK SAMPLING CHAIN OF CUSTODY

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LAB ID #. 53800

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289951.5716.0710	ConnDOT — New Canaan to Westport RT 15 Bridges, 47 Gerdes Rd, New Canaan, CT		PLM:		8hr		24hr		48hr	X	3day
			TEM:		24hr		48hr	X	3day		5day
SIGNATURE: Tyler MacGillivray	INSPECTOR: Brendan McClure,Catie Lemire,Dennis Ryder,Hilton Hernandez,Tyler Macgillivray									

FIELD SAMPLE NUMBER	DATE	TIME	TYPE: COMP	TYPE: GRAB	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
44	5/17/2019	11:05		X	Bridge 00724 south underside	X					C22 - Rubbery pliable white caulk
45	5/17/2019	11:32		X	Bridge 00723 East side	X				X	C23 - Hard rubbery white caulk
46	5/17/2019	11:32		X	Bridge 00723 West side	X					C23 - Hard rubbery white caulk
47	5/17/2019	11:33		X	Bridge 00723 West side	X				X	C24 - Soft pliable grey railing caulk
48	5/17/2019	11:34		X	Bridge 00723 West side	X					C24 - Soft pliable grey railing caulk
49	5/17/2019	12:39		X	Bridge 0530A South Side	X				X	C25 - Hard dusty brittle white caulk
50	5/17/2019	12:39		X	Bridge 0530A South Side	X					C25 - Hard dusty brittle white caulk
51	5/17/2019	12:40		X	Bridge 0530B North Side	X				X	C26 - Soft rubbery white caulk
52	5/17/2019	12:40		X	Bridge 0530B North Side	X					C26 - Soft rubbery white caulk
53	5/17/2019	12:41		X	Bridge 0530B North Side	X				X	C27 - Pliable dusty white caulk with black foam
54	5/17/2019	12:41		X	Bridge 0530B North Side	X					C27 - Pliable dusty white caulk with black foam

Relinquished by: (Signature)	Date:	Received by: (Signature)	Relinquished by: (Signature)	Date:	Received by: (Signature)
Tyler MacGillivray	5/22/19	5/23/19			
(Printed) Tyler MacGillivray	Time: 17:00	(Printed) 0900 K Williamson	(Printed)	Time:	(Printed)

Remarks: Send remarks to Steve Arienti and Erik Plimpton

Condition of Samples:
Acceptable: Yes ✓ No
Comments:

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ASBESTOS BULK SAMPLING CHAIN OF CUSTODY

Edition: October 2009
Supersede Previous Edition

LAB ID #. 53800

PROJECT NUMBER	PROJECT NAME	PARAMETERS	TURNAROUND TIME							
289951.5716.0710	ConnDOT — New Canaan to Westport RT 15 Bridges, 47 Gerdes Rd, New Canaan, CT		PLM:		8hr		24hr		48hr	X	3day
			TEM:		24hr		48hr	X	3day		5day
SIGNATURE	INSPECTOR									
Tyler MacGillivray	Brendan McClure,Catie Lemire,Dennis Ryder,Hilton Hernandez,Tyler Macgillivray									

FIELD SAMPLE NUMBER	DATE	TIME	TYPE COMP	TYPE GRAB	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
55	5/17/2019	10:17		X	Bridge 00725 south side	X					Conc 1 - Hard white concrete patch
56	5/17/2019	10:18		X	Bridge 00725 North side	X					Conc 1 - Hard white concrete patch
57	5/15/2019	11:27		X	Bridge 00712 West Side	X					EJ 1 - Black fibrous expansion joint
58	5/15/2019	11:27		X	Bridge 00712 East Side	X					EJ 1 - Black fibrous expansion joint
59	5/16/2019	10:25		X	Bridge 00716 East side	X					GR1 - Hard White Grout
60	5/16/2019	10:26		X	Bridge 00716 West side	X					GR1 - Hard White Grout
61	5/16/2019	12:27		X	Bridge 00719 South side	X					GR2 - Hard White Grout
62	5/16/2019	12:27		X	Bridge 00719 North side	X					GR2 - Hard White Grout
63	5/17/2019	10:21		X	Bridge 00725 underside west	X					GR3 - Brittle Tan Grout Patch
64	5/17/2019	10:21		X	Bridge 00725 underside east	X					GR3 - Brittle Tan Grout Patch
65	5/17/2019	11:03		X	Bridge 00724 east underside	X					GR4 - Brittle Tan Grout patch

Relinquished by: (Signature)	Date:	Received by: (Signature)	Relinquished by: (Signature)	Date:	Received by: (Signature)
Tyler MacGillivray	5/22/19	5/23/19			
(Printed) Tyler MacGillivray	Time: 17:00	(Printed) 0900 K Williamson	(Printed)	Time:	(Printed)

Remarks: Send remarks to Steve Arienti and Erik Plimpton

Condition of Samples:
Acceptable: Yes ✓ No
Comments:

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ASBESTOS BULK SAMPLING CHAIN OF CUSTODY

Edition: October 2009
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PROJECT NUMBER	PROJECT NAME
289951.5716.0710	ConnDOT — New Canaan to Westport RT 15 Bridges, 47 Gerdes Rd, New Canaan, CT

SIGNATURE	INSPECTOR
Tyler MacGillivray	Brendan McClure,Catie Lemire,Dennis Ryder,Hilton Hernandez,Tyler Macgillivray

PARAMETERS

TURNAROUND TIME

PLM:		8hr		24hr		48hr	X	3day
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FIELD SAMPLE NUMBER	DATE	TIME	TYPE COMP	TYPE GRAB	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
66	5/17/2019	11:03		X	Bridge 00724 west underside	X					GR4 - Brittle Tan Grout patch
67	5/17/2019	11:30		X	Bridge 00723 East side	X					GR5 - Hard tan patch grout
68	5/17/2019	11:31		X	Bridge 00723 West side	X					GR5 - Hard tan patch grout
69	5/15/2019	11:00		X	Bridge 05810 west side	X					M1 - Tan Patching Mortar
70	5/15/2019	11:00		X	Bridge 05810 east side	X					M1 - Tan Patching Mortar
71	5/15/2019	11:41		X	Bridge 00712 East Side	X				X	T 1 - Black tar patch
72	5/15/2019	11:41		X	Bridge 00712 East Side	X					T 1 - Black tar patch
73	5/16/2019	11:33		X	Bridge 00718 south side	X				X	T2 - Hard black seam tar
74	5/16/2019	11:33		X	Bridge 00718 North side	X					T2 - Hard black seam tar
75	5/16/2019	11:35		X	Bridge 00718 west abutment	X				X	T3 - Sticky pliable road tar
76	5/16/2019	11:35		X	Bridge 00718 east abutment	X					T3 - Sticky pliable road tar

Relinquished by: (Signature)	Date:	Received by: (Signature)	Relinquished by: (Signature)	Date:	Received by: (Signature)
Tyler MacGillivray	5/22/19	5/23/19			
(Printed) Tyler MacGillivray	Time: 17:00	(Printed) 0900	(Printed)	Time:	(Printed)

Remarks: Send remarks to Steve Arienti and Erik Plimpton

Condition of Samples:
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289951.5716.0710	ConnDOT — New Canaan to Westport RT 15 Bridges, 47 Gerdes Rd, New Canaan, CT

SIGNATURE	INSPECTOR
Tyler MacGillivray	Brendan McClure,Catie Lemire,Dennis Ryder,Hilton Hernandez,Tyler Macgillivray

PARAMETERS

TURNAROUND TIME

PLM:		8hr		24hr		48hr	X	3day
TEM:		24hr		48hr	X	3day		5day

FIELD SAMPLE NUMBER	DATE	TIME	TYPE COMP	TYPE GRAB	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
77	5/16/2019	12:38		X	Bridge 06067	X				X	T4 - Pliable sticky black road tar
78	5/16/2019	12:38		X	Bridge 06067	X					T4 - Pliable sticky black road tar
79	5/16/2019	12:38		X	Bridge 06068 south side	X				X	T5 - Sticky black road tar
80	5/16/2019	12:39		X	Bridge 06068 North side	X					T5 - Sticky black road tar
81	5/16/2019	14:28		X	North side bridge 06069	X				X	T6 - Black road tar
82	5/16/2019	14:28		X	South side bridge 06069	X					T6 - Black road tar
83	5/17/2019	10:16		X	Bridge 00725 South side	X				X	T7 - Sticky black road tar
84	5/17/2019	10:16		X	Bridge 00725 North side	X					T7 - Sticky black road tar
85	5/17/2019	11:02		X	Bridge 00724 south side	X				X	T8 - Sticky hard road tar
86	5/17/2019	11:02		X	Bridge 00724 North side	X					T8 - Sticky hard road tar
87	5/17/2019	11:35		X	Bridge 00723 South side	X				X	T9 - Hard sticky black road tar

Relinquished by: (Signature)	Date:	Received by: (Signature)	Relinquished by: (Signature)	Date:	Received by: (Signature)
Tyler MacGillivray	5/22/19	5/23/19			
(Printed) Tyler MacGillivray	Time: 17:00	(Printed) 0900	(Printed)	Time:	(Printed)

Remarks: Send remarks to Steve Arienti and Erik Plimpton

Condition of Samples: ✓
Acceptable: Yes ✓ No ____
Comments:

TRC
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

LAB ID #. 53800

PROJECT NUMBER	PROJECT NAME	PARAMETERS	TURNAROUND TIME							
289951.5716.0710	ConnDOT — New Canaan to Westport RT 15 Bridges, 47 Gerdes Rd, New Canaan, CT		PLM:		8hr		24hr		48hr	X	3day
			TEM:		24hr		48hr	X	3day		5day
SIGNATURE: Tyler MacGillivray	INSPECTOR: Brendan McClure,Catie Lemire,Dennis Ryder,Hilton Hernandez,Tyler Macgillivray									

FIELD SAMPLE NUMBER	DATE	TIME	TYPE: COMP	TYPE: GRAB	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
88	5/17/2019	11:35		X	Bridge 00723 North side	X					T9 - Hard sticky black road tar
89	5/17/2019	12:37		X	Bridge 0530A South Side	X				X	T10 - Brittle Tar
90	5/17/2019	12:38		X	Bridge 0530A South Side	X					T10 - Brittle Tar
91	5/17/2019	12:36		X	Bridge 0530B North Side	X				X	T11 - Pliable sticky black road tar
92	5/17/2019	12:37		X	Bridge 0530B North Side	X					T11 - Pliable sticky black road tar

Relinquished by: (Signature)	Date:	Received by: (Signature)	Relinquished by: (Signature)	Date:	Received by: (Signature)
Tyler MacGillivray	5/22/19	5/23/19			
(Printed) Tyler MacGillivray	Time: 17:00	(Printed) 0900 K Williamson	(Printed)	Time:	(Printed)

Remarks: Send remarks to Steve Arienti and Erik Plimpton

Condition of Samples:
Acceptable: Yes ✓ No
Comments:

Proscience Analytical Services, Inc.

22 Cummings Park, Woburn, MA 01801 Ph. 781-935-3212 Fax 781-932-4857

TEM Bulk Chain of Custody Record

Date: 05/24/19

PO#: **C289951**

Analysis Type: Chatfield **EPA N.O.B** Qualitative

Client: TRC

Client Job#: 289951.5716.0710

Client Job Ref./Loc.: CT DOT- Rt. 15 Bridges, New Canaan to Westport, CT

Relinquished by: K. Williamson- KWilliamson@trccompanies.com

Received by:

Report to: E. Plimpton- EPlimpton@trccompanies.com & SArienti@trccompanies.com

Samplers Name: B. McClure, T. MacGillivray, C. Lemire, D. Ryder & H. Hernandez

Turnaround Time: <12 Hour <24 Hour <48 Hour **<3 Day** 5 Day Other:

				For Lab Use Only	
Client ID #	**Lab ID#**	**Description**	**Location**	**Acceptable on Receipt**	**Comments**
1	53800	Caulk	See COC		
3	53800	Caulk			
5	53800	Caulk			
7	53800	Caulk			
9	53800	Caulk			
11	53800	Caulk			
13	53800	Caulk			
15	53800	Caulk			
17	53800	Caulk			
19	53800	Caulk			
21	53800	Caulk			
23	53800	Caulk			
25	53800	Caulk			
27	53800	Caulk			
29	53800	Caulk			
31	53800	Caulk			

For Lab Use Only	# Spies	Total	Client #	Batch #	Results Reported	Comments

Proscience Analytical Services, Inc.

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TEM Bulk Chain of Custody Record

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Samplers Name: B. McClure, T. MacGillivray, C. Lemire, D. Ryder & H. Hernandez

Turnaround Time: <12 Hour <24 Hour <48 Hour **<3 Day** 5 Day Other:

				For Lab Use Only	
Client ID #	**Lab ID#**	**Description**	**Location**	**Acceptable on Receipt**	**Comments**
33	53800	Caulk	See COC		
35	53800	Caulk			
37	53800	Caulk			
39	53800	Caulk			
41	53800	Caulk			
43	53800	Caulk			
45	53800	Caulk			
47	53800	Caulk			
49	53800	Caulk			
51	53800	Caulk			
53	53800	Caulk			
75	53800	Tar			
77	53800	Tar			
79	53800	Tar			
81	53800	Tar			
83	53800	Tar			

For Lab Use Only	# Spies	Total	Client #	Batch #	Results Reported	Comments

Proscience Analytical Services, Inc.

22 Cummings Park, Woburn, MA 01801 Ph. 781-935-3212 Fax 781-932-4857

TEM Bulk Chain of Custody Record

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Client Job#: 289951.5716.0710

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Relinquished by: K. Williamson- KWilliamson@trccompanies.com

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Report to: E. Plimpton- EPlimpton@trccompanies.com & SArienti@trccompanies.com

Samplers Name: B. McClure, T. MacGillivray, C. Lemire, D. Ryder & H. Hernandez

Turnaround Time: <12 Hour <24 Hour <48 Hour **<3 Day** 5 Day Other:

				For Lab Use Only	
Client ID #	**Lab ID#**	**Description**	**Location**	**Acceptable on Receipt**	**Comments**
85	53800	Tar	See COC		
87	53800	Tar			
89	53800	Tar			
91	53800	Tar			

For Lab Use Only	# Spies	Total	Client #	Batch #	Results Reported	Comments

ProScience Analytical Services, Inc

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

May 31, 2019

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,

Aimee L Cormier

Mark Derosier, Senior Analyst
Aimee Cormier, Laboratory Manager

Enclosure:

BATCH NUMBER : NT 17775 CLIENT PROJECT ID: 289951.5716.0710
Client Ref: CT DOT - Rt. 15 Bridges, New Canaan to Westport, CT
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 #: 289951.5716.0710
Client Reference: CT DOT - Rt. 15 Bridges, New Canaan to Westport, CT
PO #: C289951
Client #: 297
Client Name: TRC Companies, Inc. (CT)

Batch: **NT 17775**
Method: NOB
Date Received: 5/28/2019
Date Analyzed: 5/31/2019
Date of Report: 5/31/2019

LAB ID	Field ID	Description:	Color	Initial Weight	% Asbestos Types						% Other Non-asb.	% Organic	% Carb.	Total % Asbestos	Analyzed / Charged	Preped / Charged
					CHR	AMO	ACT	CRO	ANT	TRE						
NT133719	1	Hard White Caulk		.2761	.00	.00	.00	.00	.00	.00	8.25	83.38	8.37	ND	Yes	No
NT133720	3	White Pliable Caulk		.3330	.00	.00	.00	.00	.00	.00	10.30	83.27	6.43	ND	Yes	No
NT133721	5	Soft Grey Caulk		.4460	.00	.00	.00	.00	.00	.00	14.08	37.67	48.25	ND	Yes	No
NT133722	7	Grey Pliable Caulk		.4330	.00	.00	.00	.00	.00	.00	10.49	69.12	20.39	ND	Yes	No
NT133723	9	Pliable Light Grey Caulk		.2568	.00	.00	.00	.00	.00	.00	2.10	27.26	70.64	ND	Yes	No
NT133724	11	Hard White Caulk		.3026	.00	.00	.00	.00	.00	.00	19.43	70.89	9.68	ND	Yes	No
NT133725	13	Sticky Pliable Grey Caulk		.7293	.00	.00	.00	.00	.00	.00	8.26	69.98	21.76	ND	Yes	No
NT133726	15	Dusty Soft Grey Caulk		.3800	.00	.00	.00	.00	.00	.00	8.73	68.03	23.24	ND	Yes	No
NT133727	17	Pliable White Caulk		.6353	.00	.00	.00	.00	.00	.00	1.20	52.26	46.54	ND	Yes	No
NT133728	19	Dusty Hard White Caulk		.3428	.00	.00	.00	.00	.00	.00	6.82	31.48	61.70	ND	Yes	No
NT133729	21	Pliable Sticky Grey and White Seam Caulk		.5778	.00	.00	.00	.00	.00	.00	44.92	35.12	19.96	ND	Yes	No
NT133730	23	Hard White Pliable Abutment Caulk		.5341	.00	.00	.00	.00	.00	.00	12.19	79.57	8.24	ND	Yes	No
NT133731	25	Hard Pliable White Caulk		.1604	.00	.00	.00	.00	.00	.00	9.97	79.43	10.60	ND	Yes	No
NT133732	27	Soft Tan Crack Caulk		.1035	.00	.00	.00	.00	.00	.00	22.70	29.57	47.73	ND	Yes	No
NT133733	29	Pliable Dusty White Caulk		.4264	.00	.00	.00	.00	.00	.00	8.68	84.24	7.08	ND	Yes	No

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 #: 289951.5716.0710
Client Reference: CT DOT - Rt. 15 Bridges, New Canaan to Westport, CT
PO #: C289951
Client #: 297
Client Name: TRC Companies, Inc. (CT)

Batch: **NT 17775**
Method: NOB
Date Received: 5/28/2019
Date Analyzed: 5/31/2019
Date of Report: 5/31/2019

LAB ID	Field ID	Description:	Color	Initial Weight	% Asbestos Types						% Other Non-asb.	% Organic	% Carb.	Total % Asbestos	Analyzed / Charged	Preped / Charged
					CHR	AMO	ACT	CRO	ANT	TRE						
NT133734	31	Rubbery Tan Caulk		.3523	.00	.00	.00	.00	.00	.00	8.43	45.84	45.73	ND	Yes	No
NT133735	33	Soft Rubbery White Caulk		.5469	.00	.00	.00	.00	.00	.00	26.75	36.88	36.37	ND	Yes	No
NT133736	35	Dusty Hard White Caulk		.4540	.00	.00	.00	.00	.00	.00	3.17	21.39	75.44	ND	Yes	No
NT133737	37	Hard Brittle White Caulk		.1572	.00	.00	.00	.00	.00	.00	10.05	20.74	69.21	ND	Yes	No
NT133738	39	Hard Pliable White Caulk		.7495	.00	.00	.00	.00	.00	.00	9.60	86.74	3.66	ND	Yes	No
NT133739	41	Rubbery White Railing Caulk		.0671	.00	.00	.00	.00	.00	.00	11.03	81.22	7.75	ND	Yes	No
NT133740	43	Rubbery Pliable White Caulk		.2341	.00	.00	.00	.00	.00	.00	2.22	41.48	56.30	ND	Yes	No
NT133741	45	Hard Rubbery White Caulk		.4989	.00	.00	.00	.00	.00	.00	5.41	48.87	45.72	ND	Yes	No
NT133742	47	Soft Pliable Grey Railing Caulk		.2939	.00	.00	.00	.00	.00	.00	8.54	58.05	33.41	ND	Yes	No
NT133743	49	Hard Dusty Brittle White Caulk		.4538	.00	.00	.00	.00	.00	.00	33.48	22.43	44.09	ND	Yes	No
NT133744	51	Soft Rubbery White Caulk		.2726	.00	.00	.00	.00	.00	.00	22.85	31.55	45.60	ND	Yes	No
NT133745	53	Pliable Dusty White Caulk with Black Foam		.4237	.00	.00	.00	.00	.00	.00	5.76	50.60	43.64	ND	Yes	No
NT133746	75	Sticky Pliable Road Tar		.1705	.00	.00	.00	.00	.00	.00	.88	61.76	37.36	ND	Yes	No
NT133747	77	Pliable Sticky Black Road Tar		.3654	.00	.00	.00	.00	.00	.00	7.34	87.27	5.39	ND	Yes	No
NT133748	79	Sticky Black Road Tar		.4376	.00	.00	.00	.00	.00	.00	3.45	63.96	32.59	ND	Yes	No

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 #: 289951.5716.0710
Client Reference: CT DOT - Rt. 15 Bridges, New Canaan to Westport, CT
PO #: C289951
Client #: 297
Client Name: TRC Companies, Inc. (CT)

Batch: **NT 17775**
Method: NOB
Date Received: 5/28/2019
Date Analyzed: 5/31/2019
Date of Report: 5/31/2019

LAB ID	Field ID	Description:	Color	Initial Weight	% Asbestos Types						% Other Non-asb.	% Organic	% Carb.	Total % Asbestos	Analyzed / Charged	Preped / Charged
					CHR	AMO	ACT	CRO	ANT	TRE						
NT133749	81	Black Road Tar		.7907	.00	.00	.00	.00	.00	.00	44.42	40.42	15.16	**ND**	Yes	No
NT133750	83	Sticky Black Road Tar		.1912	.00	.00	.00	.00	.00	.00	38.24	60.09	1.67	**ND**	Yes	No
NT133751	85	Sticky Hard Road Tar		.5697	.00	.00	.00	.00	.00	.00	42.20	54.75	3.05	**ND**	Yes	No
NT133752	87	Hard Sticky Black Road Tar		.4960	.00	.00	.00	.00	.00	.00	5.79	58.99	35.22	**ND**	Yes	No
NT133753	89	Brittle Tar		.2374	.00	.00	.00	.00	.00	.00	16.26	38.92	44.82	**ND**	Yes	No
NT133754	91	Pliable Sticky Black Road Tar		.3694	.00	.00	.00	.00	.00	.00	19.33	72.39	8.28	**ND**	Yes	No

Comments:

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

Mark Derosier, Analyst

Proscience Analytical Services, Inc.

22 Cummings Park, Woburn, MA 01801 Ph. 781-935-3212 Fax 781-932-4857

TEM Bulk Chain of Custody Record

Date: 05/24/19

PO#: **C289951** Analysis Type: Chatfield **EPA N.O.B** Qualitative

Client: TRC

Client Job#: 289951.5716.0710

Client Job Ref./Loc.: CT DOT- Rt. 15 Bridges, New Canaan to Westport, CT

Relinquished by: K. Williamson- KWilliamson@trccompanies.com

Received by: Pamela Jeanett Cole 5/28/19 9:25

Report to: E. Plimpton- EPlimpton@trccompanies.com & SArienti@trccompanies.com

Samplers Name: B. McClure, T. MacGillivray, C. Lemire, D. Ryder & H. Hernandez

Turnaround Time: <12 Hour <24 Hour <48 Hour **<3 Day** 5 Day Other:

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Client ID #	**Lab ID#**	**Description**	**Location**	**Acceptable on Receipt**	**Comments**
1	53800	Caulk	See COC		
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5	53800	Caulk			
7	53800	Caulk			
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11	53800	Caulk			
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19	53800	Caulk			
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23	53800	Caulk			
25	53800	Caulk			
27	53800	Caulk			
29	53800	Caulk			
31	53800	Caulk			

For Lab Use Only	# Spies	Total	Client #	Batch #	Results Reported	Comments

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Date: 05/24/19

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79	53800	Tar			
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For Lab Use Only	# Spies	Total	Client #	Batch #	Results Reported	Comments

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TEM Bulk Chain of Custody Record

Date: 05/24/19

PO#: **C289951** Analysis Type: Chatfield **EPA N.O.B** Qualitative

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91	53800	Tar			

For Lab Use Only	# Spies	Total	Client #	Batch #	Results Reported	Comments

TRC
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

LAB ID #. 53800

PROJECT NUMBER	PROJECT NAME	PARAMETERS	TURNAROUND TIME							
289951.5716.0710	ConnDOT — New Canaan to Westport RT 15 Bridges, 47 Gerdes Rd, New Canaan, CT		PLM:		8hr		24hr		48hr	X	3day
			TEM:		24hr		48hr	X	3day		5day
SIGNATURE: Tyler MacGillivray	INSPECTOR: Brendan McClure,Catie Lemire,Dennis Ryder,Hilton Hernandez,Tyler Macgillivray									

FIELD SAMPLE NUMBER	DATE	TIME	TYPE COMP	TYPE GRAB	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
1	5/15/2019	10:53		X	Bridge 05810 west side	X				X	C1 - Hard white caulk
2	5/15/2019	10:54		X	Bridge 05810 East side	X					C1 - Hard white caulk
3	5/15/2019	11:23		X	Bridge 00712 west side	X				X	C2 - White pliable caulk
4	5/15/2019	11:24		X	Bridge 00712 East Side	X					C2 - White pliable caulk
5	5/15/2019	11:41		X	Bridge 00712 East Side	X				X	C3 - Soft grey caulk
6	5/15/2019	11:41		X	Bridge 00712 East Side	X					C3 - Soft grey caulk
7	5/15/2019	12:29		X	Bridge 00713 East side	X				X	C4 - Grey pliable caulk
8	5/15/2019	12:29		X	Bridge 00713 West Side	X					C4 - Grey pliable caulk
9	5/15/2019	13:13		X	Bridge 005811 west side	X				X	C5 - Pliable light grey caulk
10	5/15/2019	13:14		X	Bridge 005811 East side	X					C5 - Pliable light grey caulk
11	5/15/2019	13:28		X	Bridge 005811 North side	X				X	C6 - Hard white caulk

Relinquished by: (Signature)	Date:	Received by: (Signature)	Relinquished by: (Signature)	Date:	Received by: (Signature)
Tyler MacGillivray	5/22/19	5/23/19			
(Printed) Tyler MacGillivray	Time: 17:00	(Printed) 0900 Williamson	(Printed)	Time:	(Printed)

Remarks: Send remarks to Steve Arienti and Erik Plimpton

Condition of Samples: ✓
Acceptable: Yes ✓ No ____
Comments:

TRC
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

LAB ID #. 53800

PROJECT NUMBER	PROJECT NAME	PARAMETERS	TURNAROUND TIME							
289951.5716.0710	ConnDOT — New Canaan to Westport RT 15 Bridges, 47 Gerdes Rd, New Canaan, CT		PLM:		8hr		24hr		48hr	X	3day
			TEM:		24hr		48hr	X	3day		5day
SIGNATURE	INSPECTOR									
Tyler MacGillivray	Brendan McClure,Catie Lemire,Dennis Ryder,Hilton Hernandez,Tyler Macgillivray									

FIELD SAMPLE NUMBER	DATE	TIME	TYPE COMP	TYPE GRAB	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
12	5/15/2019	13:29		X	Bridge 005811 North side	X					C6 - Hard white caulk
13	5/15/2019	14:27		X	Bridge 00715 West Side	X				X	C7 - Sticky pliable grey caulk
14	5/15/2019	14:27		X	Bridge 00715 West side	X					C7 - Sticky pliable grey caulk
15	5/15/2019	14:46		X	Bridge 00715 East Side	X				X	C8 - Dusty soft grey caulk
16	5/15/2019	14:46		X	Bridge 00715 east side	X					C8 - Dusty soft grey caulk
17	5/16/2019	10:30		X	Bridge 00716 West side	X				X	C9 - Pliable white caulk
18	5/16/2019	10:30		X	Bridge 00716 West side	X					C9 - Pliable white caulk
19	5/16/2019	10:35		X	Bridge 00716 West under side	X				X	C10 - Dusty hard white caulk
20	5/16/2019	10:35		X	Bridge 00716 East underside	X					C10 - Dusty hard white caulk
21	5/16/2019	11:36		X	Bridge 00718 North side	X				X	C11 - Pliable sticky grey and white seam caulk
22	5/16/2019	11:37		X	Bridge 00718 south side	X					C11 - Pliable sticky grey and white seam caulk

Relinquished by: (Signature)	Date:	Received by: (Signature)	Relinquished by: (Signature)	Date:	Received by: (Signature)
Tyler MacGillivray	5/22/19	5/23/19			
(Printed)	Time:	(Printed)	(Printed)	Time:	(Printed)
Tyler MacGillivray	17:00	0900 Williamson			

Remarks: Send remarks to Steve Arienti and Erik Plimpton

Condition of Samples:
Acceptable: Yes ✓ No
Comments:

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WINDSOR, CONNECTICUT 06095
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ASBESTOS BULK SAMPLING CHAIN OF CUSTODY

Edition: October 2009
Supersede Previous Edition

LAB ID #. 53800

PROJECT NUMBER	PROJECT NAME	PARAMETERS	TURNAROUND TIME							
289951.5716.0710	ConnDOT — New Canaan to Westport RT 15 Bridges, 47 Gerdes Rd, New Canaan, CT		PLM:		8hr		24hr		48hr	X	3day
			TEM:		24hr		48hr	X	3day		5day
SIGNATURE	INSPECTOR									
Tyler MacGillivray	Brendan McClure,Catie Lemire,Dennis Ryder,Hilton Hernandez,Tyler Macgillivray									

FIELD SAMPLE NUMBER	DATE	TIME	TYPE COMP	TYPE GRAB	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
23	5/16/2019	12:40		X	Bridge 06067 south side abutment	X				X	C12 - Hard white pliable abutment caulk
24	5/16/2019	12:40		X	Bridge 06067 North side abutment	X					C12 - Hard white pliable abutment caulk
25	5/16/2019	12:41		X	Bridge 06068 south side	X				X	C13 - Hard pliable white caulk
26	5/16/2019	12:41		X	Bridge 06068 North side	X					C13 - Hard pliable white caulk
27	5/16/2019	12:26		X	Bridge 00719 North side	X				X	C14 - Soft tan crack caulk
28	5/16/2019	12:26		X	Bridge 00719 South side	X					C14 - Soft tan crack caulk
29	5/16/2019	14:33		X	Bridge 06069 North side	X				X	C15 - Pliable dusty white caulk
30	5/16/2019	14:34		X	Bridge 06069 North side	X					C15 - Pliable dusty white caulk
31	5/17/2019	09:58		X	Bridge 00725 under side south	X				X	C16 - Rubbery tan caulk
32	5/17/2019	09:58		X	Bridge 00725 under side north	X					C16 - Rubbery tan caulk

Relinquished by: (Signature)	Date:	Received by: (Signature)	Relinquished by: (Signature)	Date:	Received by: (Signature)
Tyler MacGillivray	5/22/19	5/23/19			
(Printed)	Time:	(Printed)	(Printed)	Time:	(Printed)
Tyler MacGillivray	17:00	0900 Williamson			

Remarks: Send remarks to Steve Arienti and Erik Plimpton

Condition of Samples:
Acceptable: Yes ✓ No
Comments:

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ASBESTOS BULK SAMPLING CHAIN OF CUSTODY

Edition: October 2009
Supersede Previous Edition

LAB ID #. 53800

PROJECT NUMBER	PROJECT NAME	PARAMETERS	TURNAROUND TIME							
289951.5716.0710	ConnDOT — New Canaan to Westport RT 15 Bridges, 47 Gerdes Rd, New Canaan, CT		PLM:		8hr		24hr		48hr	X	3day
			TEM:		24hr		48hr	X	3day		5day
SIGNATURE	INSPECTOR									
Tyler MacGillivray	Brendan McClure,Catie Lemire,Dennis Ryder,Hilton Hernandez,Tyler Macgillivray									

FIELD SAMPLE NUMBER	DATE	TIME	TYPE COMP	TYPE GRAB	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
33	5/17/2019	09:59		X	Bridge 00725 under side west	X				X	C17 - Soft rubbery white caulk
34	5/17/2019	10:00		X	Bridge 00725 under side east	X					C17 - Soft rubbery white caulk
35	5/17/2019	10:19		X	Bridge 00725 south side	X				X	C18 - Dusty hard white caulk
36	5/17/2019	10:19		X	Bridge 00725 North side	X					C18 - Dusty hard white caulk
37	5/17/2019	10:22		X	Bridge 00725 North side	X				X	C19 - Hard brittle white caulk
38	5/17/2019	10:22		X	Bridge 00725 North side	X					C19 - Hard brittle white caulk
39	5/17/2019	11:00		X	Bridge 00724 east side	X				X	C20 - Hard pliable white caulk
40	5/17/2019	11:00		X	Bridge 00724 west side	X					C20 - Hard pliable white caulk
41	5/17/2019	11:01		X	Bridge 00724 east side	X				X	C21 - Rubbery white railing caulk
42	5/17/2019	11:01		X	Bridge 00724 west side	X					C21 - Rubbery white railing caulk
43	5/17/2019	11:04		X	Bridge 00724 North underside	X				X	C22 - Rubbery pliable white caulk

Relinquished by: (Signature)	Date:	Received by: (Signature)	Relinquished by: (Signature)	Date:	Received by: (Signature)
Tyler MacGillivray	5/22/19	5/23/19			
(Printed) Tyler MacGillivray	Time: 17:00	(Printed) 0900	(Printed)	Time:	(Printed)

Remarks: Send remarks to Steve Arienti and Erik Plimpton

Condition of Samples:
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Comments:

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ASBESTOS BULK SAMPLING CHAIN OF CUSTODY

Edition: October 2009
Supersede Previous Edition

LAB ID #. 53800

PROJECT NUMBER	PROJECT NAME	PARAMETERS	TURNAROUND TIME							
289951.5716.0710	ConnDOT — New Canaan to Westport RT 15 Bridges, 47 Gerdes Rd, New Canaan, CT		PLM:		8hr		24hr		48hr	X	3day
			TEM:		24hr		48hr	X	3day		5day
SIGNATURE: Tyler MacGillivray	INSPECTOR: Brendan McClure,Catie Lemire,Dennis Ryder,Hilton Hernandez,Tyler Macgillivray									

FIELD SAMPLE NUMBER	DATE	TIME	TYPE COMP	TYPE GRAB	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
44	5/17/2019	11:05		X	Bridge 00724 south underside	X					C22 - Rubbery pliable white caulk
45	5/17/2019	11:32		X	Bridge 00723 East side	X				X	C23 - Hard rubbery white caulk
46	5/17/2019	11:32		X	Bridge 00723 West side	X					C23 - Hard rubbery white caulk
47	5/17/2019	11:33		X	Bridge 00723 West side	X				X	C24 - Soft pliable grey railing caulk
48	5/17/2019	11:34		X	Bridge 00723 West side	X					C24 - Soft pliable grey railing caulk
49	5/17/2019	12:39		X	Bridge 0530A South Side	X				X	C25 - Hard dusty brittle white caulk
50	5/17/2019	12:39		X	Bridge 0530A South Side	X					C25 - Hard dusty brittle white caulk
51	5/17/2019	12:40		X	Bridge 0530B North Side	X				X	C26 - Soft rubbery white caulk
52	5/17/2019	12:40		X	Bridge 0530B North Side	X					C26 - Soft rubbery white caulk
53	5/17/2019	12:41		X	Bridge 0530B North Side	X				X	C27 - Pliable dusty white caulk with black foam
54	5/17/2019	12:41		X	Bridge 0530B North Side	X					C27 - Pliable dusty white caulk with black foam

Relinquished by: (Signature)	Date:	Received by: (Signature)	Relinquished by: (Signature)	Date:	Received by: (Signature)
Tyler MacGillivray	5/22/19	5/23/19			
(Printed) Tyler MacGillivray	Time: 17:00	(Printed) 0900	(Printed)	Time:	(Printed)

Remarks: Send remarks to Steve Arienti and Erik Plimpton

Condition of Samples:
Acceptable: Yes ✓ No
Comments:

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ASBESTOS BULK SAMPLING CHAIN OF CUSTODY

Edition: October 2009
Supersede Previous Edition

LAB ID #. 53800

PROJECT NUMBER	PROJECT NAME	PARAMETERS	TURNAROUND TIME							
289951.5716.0710	ConnDOT — New Canaan to Westport RT 15 Bridges, 47 Gerdes Rd, New Canaan, CT		PLM:		8hr		24hr		48hr	X	3day
			TEM:		24hr		48hr	X	3day		5day
SIGNATURE: Tyler MacGillivray	INSPECTOR: Brendan McClure,Catie Lemire,Dennis Ryder,Hilton Hernandez,Tyler Macgillivray									

FIELD SAMPLE NUMBER	DATE	TIME	TYPE COMP	TYPE GRAB	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
66	5/17/2019	11:03		X	Bridge 00724 west underside	X					GR4 - Brittle Tan Grout patch
67	5/17/2019	11:30		X	Bridge 00723 East side	X					GR5 - Hard tan patch grout
68	5/17/2019	11:31		X	Bridge 00723 West side	X					GR5 - Hard tan patch grout
69	5/15/2019	11:00		X	Bridge 05810 west side	X					M1 - Tan Patching Mortar
70	5/15/2019	11:00		X	Bridge 05810 east side	X					M1 - Tan Patching Mortar
71	5/15/2019	11:41		X	Bridge 00712 East Side	X				X	T 1 - Black tar patch
72	5/15/2019	11:41		X	Bridge 00712 East Side	X					T 1 - Black tar patch
73	5/16/2019	11:33		X	Bridge 00718 south side	X				X	T2 - Hard black seam tar
74	5/16/2019	11:33		X	Bridge 00718 North side	X					T2 - Hard black seam tar
75	5/16/2019	11:35		X	Bridge 00718 west abutment	X				X	T3 - Sticky pliable road tar
76	5/16/2019	11:35		X	Bridge 00718 east abutment	X					T3 - Sticky pliable road tar

Relinquished by: (Signature)	Date:	Received by: (Signature)	Relinquished by: (Signature)	Date:	Received by: (Signature)
Tyler MacGillivray	5/22/19	5/23/19			
(Printed) Tyler MacGillivray	Time: 17:00	(Printed) 0900	(Printed)	Time:	(Printed)

Remarks: Send remarks to Steve Arienti and Erik Plimpton

Condition of Samples:
Acceptable: Yes ____ No ____
Comments:

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21 GRIFFIN ROAD NORTH
WINDSOR, CONNECTICUT 06095
TELEPHONE (860) 298-9692
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ASBESTOS BULK SAMPLING CHAIN OF CUSTODY

Edition: October 2009
Supersede Previous Edition

LAB ID #. 53800

PROJECT NUMBER	PROJECT NAME	PARAMETERS	TURNAROUND TIME
289951.5716.0710	ConnDOT — New Canaan to Westport RT 15 Bridges, 47 Gerdes Rd, New Canaan, CT		PLM: 8hr 24hr 48hr X 3day TEM: 24hr 48hr X 3day 5day
SIGNATURE	INSPECTOR		
Tyler MacGillivray	Brendan McClure,Catie Lemire,Dennis Ryder,Hilton Hernandez,Tyler Macgillivray		

FIELD SAMPLE NUMBER	DATE	TIME	TYPE COMP	TYPE GRAB	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
77	5/16/2019	12:38		X	Bridge 06067	X				X	T4 - Pliable sticky black road tar
78	5/16/2019	12:38		X	Bridge 06067	X					T4 - Pliable sticky black road tar
79	5/16/2019	12:38		X	Bridge 06068 south side	X				X	T5 - Sticky black road tar
80	5/16/2019	12:39		X	Bridge 06068 North side	X					T5 - Sticky black road tar
81	5/16/2019	14:28		X	North side bridge 06069	X				X	T6 - Black road tar
82	5/16/2019	14:28		X	South side bridge 06069	X					T6 - Black road tar
83	5/17/2019	10:16		X	Bridge 00725 South side	X				X	T7 - Sticky black road tar
84	5/17/2019	10:16		X	Bridge 00725 North side	X					T7 - Sticky black road tar
85	5/17/2019	11:02		X	Bridge 00724 south side	X				X	T8 - Sticky hard road tar
86	5/17/2019	11:02		X	Bridge 00724 North side	X					T8 - Sticky hard road tar
87	5/17/2019	11:35		X	Bridge 00723 South side	X				X	T9 - Hard sticky black road tar

Relinquished by: (Signature)	Date:	Received by: (Signature)	Relinquished by: (Signature)	Date:	Received by: (Signature)
Tyler MacGillivray	5/22/19	5/23/19			
(Printed) Tyler MacGillivray	Time: 17:00	(Printed) 0900	(Printed)	Time:	(Printed)

Remarks: Send remarks to Steve Arienti and Erik Plimpton

Condition of Samples: ✓
Acceptable: Yes ✓ No ____
Comments:

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ASBESTOS BULK SAMPLING CHAIN OF CUSTODY

Edition: October 2009
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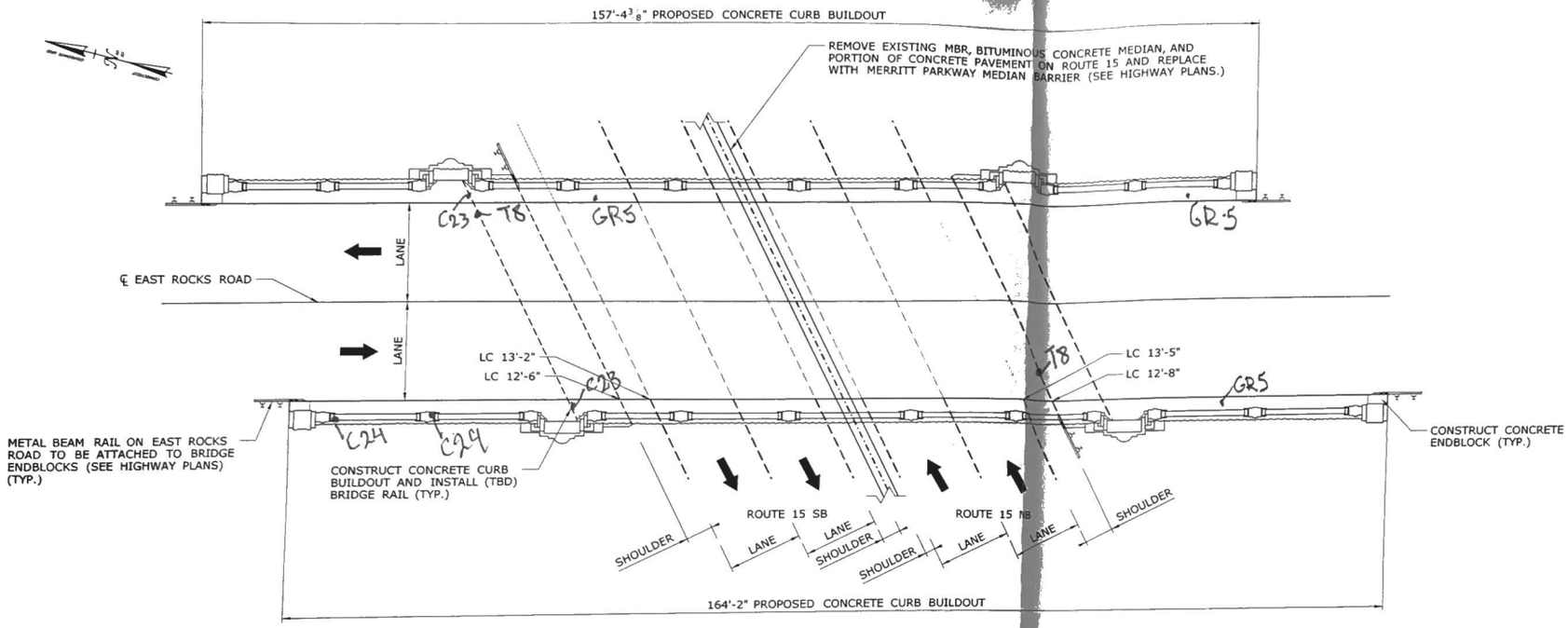
PROJECT NUMBER	PROJECT NAME	PARAMETERS	TURNAROUND TIME							
289951.5716.0710	ConnDOT — New Canaan to Westport RT 15 Bridges, 47 Gerdes Rd, New Canaan, CT		PLM:		8hr		24hr		48hr	X	3day
			TEM:		24hr		48hr	X	3day		5day
SIGNATURE: Tyler MacGillivray	INSPECTOR: Brendan McClure,Catie Lemire,Dennis Ryder,Hilton Hernandez,Tyler Macgillivray									

FIELD SAMPLE NUMBER	DATE	TIME	TYPE: COMP	TYPE: GRAB	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
88	5/17/2019	11:35		X	Bridge 00723 North side	X					T9 - Hard sticky black road tar
89	5/17/2019	12:37		X	Bridge 0530A South Side	X				X	T10 - Brittle Tar
90	5/17/2019	12:38		X	Bridge 0530A South Side	X					T10 - Brittle Tar
91	5/17/2019	12:36		X	Bridge 0530B North Side	X				X	T11 - Pliable sticky black road tar
92	5/17/2019	12:37		X	Bridge 0530B North Side	X					T11 - Pliable sticky black road tar

Relinquished by: (Signature)	Date:	Received by: (Signature)	Relinquished by: (Signature)	Date:	Received by: (Signature)
Tyler MacGillivray	5/22/19	5/23/19			
(Printed) Tyler MacGillivray	Time: 17:00	(Printed) 0900 Williamson	(Printed)	Time:	(Printed)

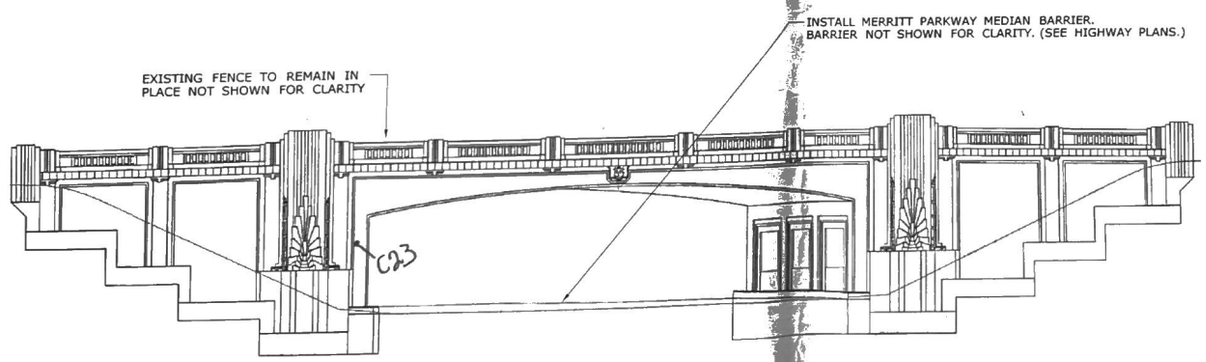
Remarks: Send remarks to Steve Arienti and Erik Plimpton

Condition of Samples:
Acceptable: Yes ✓ No
Comments:



PLAN

SCALE: 1" = 10'



ELEVATION

SCALE: 1" = 10'

GENERAL DESCRIPTION OF WORK

GENERAL BRIDGE WORK

- REMOVE EXISTING METAL BEAM RAIL, BITUMINOUS CONCRETE MEDIAN, AND PORTION OF THE CONCRETE PAVEMENT ON ROUTE 15 AND REPLACE WITH MERRITT PARKWAY MEDIAN BARRIER.

TOPSIDE WORK

- COORDINATE START OF BRIDGE WORK WITH LOCAL TRAFFIC AUTHORITY
- CONSTRUCT CONCRETE CURB BUILDOUT.
- CONSTRUCT CONCRETE ENDBLOCKS.
- INSTALL (TBD) BRIDGE RAIL.
- ATTACH R-B 350 BRIDGE ATTACHMENT TO VERTICAL SHAPE.

PRELIMINARY DESIGN REVIEW

REV	DATE	REVISION DESCRIPTION	SHEET NO

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.

Plotted Date 5/2/2019

DESIGNER/DRAFTER: AH
CHECKED BY: KP
SCALE AS NOTED

STATE OF CONNECTICUT
DEPARTMENT OF TRANSPORTATION

Filename: ..\2019-03-18_0102-0296_Preliminary Design Plans.dgn

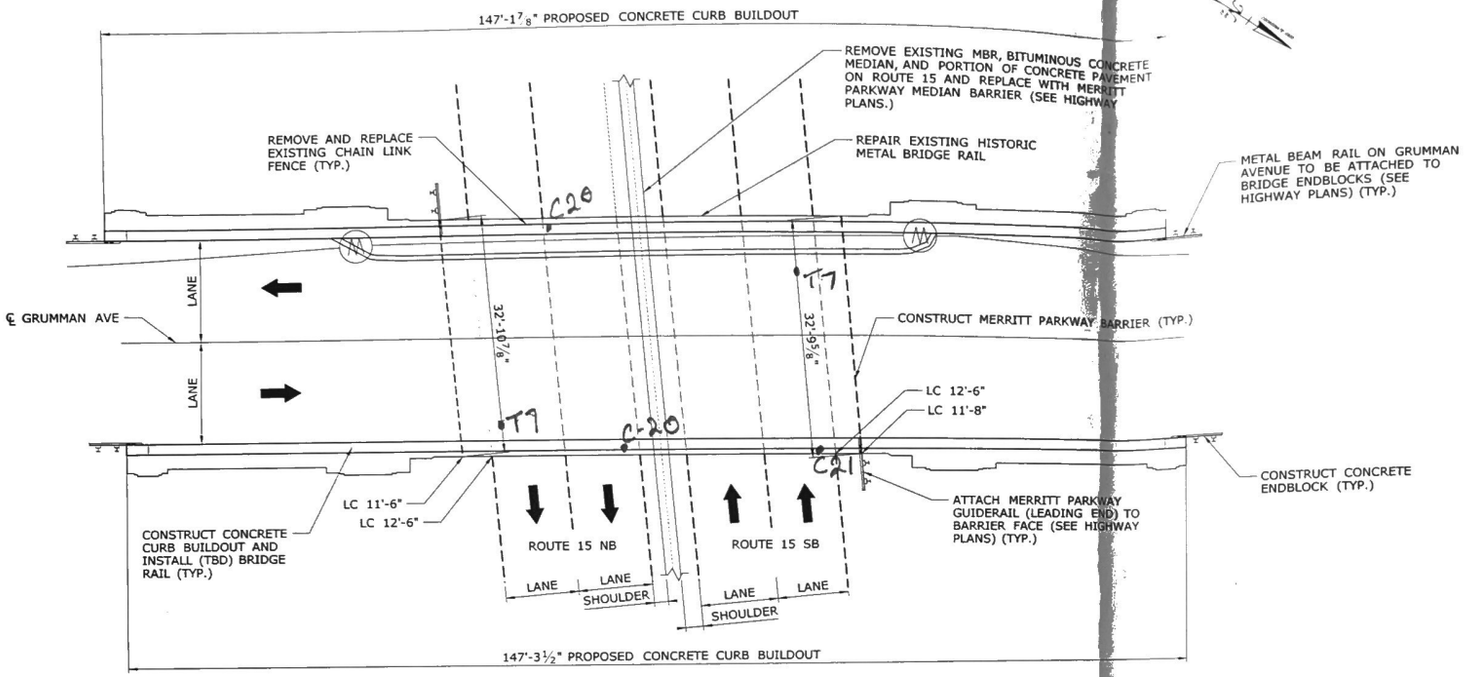
SIGNATURE/BLOCK:
OFFICE OF ENGINEERING
APPROVED BY:

PROJECT TITLE:
ROUTE 15 SAFETY IMPROVEMENTS, RESURFACING, ENHANCEMENTS, AND BRIDGE IMPROVEMENTS

TOWN: NEW CANAAN, NORWALK, WESTPORT

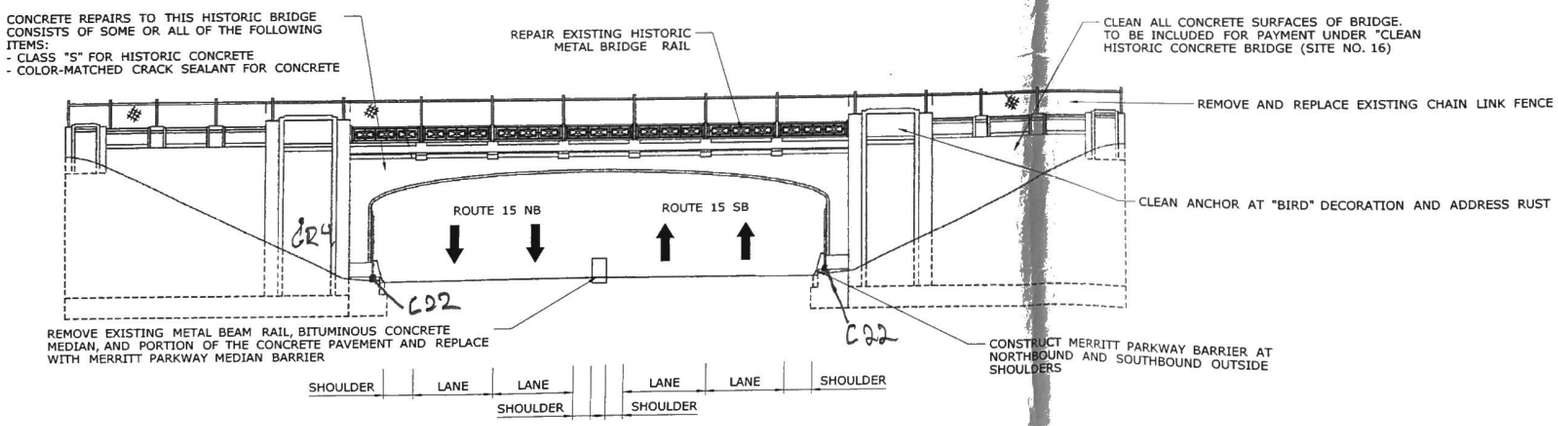
DRAWING TITLE: GENERAL PLAN BRIDGE NO. 00723

PROJECT NO 102-296
DRAWING NO S-20
SHEET NO. 02.01.20



PLAN

SCALE: 1" = 10'



ELEVATION

SCALE: 1" = 10'

GENERAL DESCRIPTION OF WORK

GENERAL BRIDGE WORK

- REMOVE VEGETATION.
- CLEAN ALL EXPOSED CONCRETE SURFACES OF BRIDGE.
- OBTAIN CORE SAMPLES FOR TESTING AND ANALYSIS.
- REPAIR ALL AREAS OF BRIDGE CONTAINING UNSOUND CONCRETE AS DELINEATED BY THE ENGINEER AFTER SOUNDING OF STRUCTURE.
- CLEAN ANCHOR AT "BIRD" DECORATION AND ADDRESS RUST
- REMOVE EXISTING CONCRETE SAFETY SHAPE BARRIER IN FRONT OF ABUTMENTS AND REPLACE WITH MERRITT PARKWAY ABUTMENT BARRIER BUILDOUT.
- REMOVE EXISTING METAL BEAM RAIL, BITUMINOUS CONCRETE MEDIAN, AND PORTION OF THE CONCRETE PAVEMENT ON ROUTE 15 AND REPLACE WITH MERRITT PARKWAY MEDIAN BARRIER.

TOPSIDE WORK

- COORDINATE START OF BRIDGE WORK WITH LOCAL TRAFFIC AUTHORITY.
- REPAIR HISTORIC METAL BRIDGE RAIL.
- CONSTRUCT CONCRETE CURB BUILDOUT.
- CONSTRUCT CONCRETE ENDBLOCKS.
- INSTALL (TBD) BRIDGE RAIL.
- ATTACH R-B 350 BRIDGE ATTACHMENT TO VERTICAL SHAPE PARAPET.
- REMOVE AND REPLACE EXISTING CHAIN LINK FENCE.

PRELIMINARY DESIGN REVIEW

REV	DATE	REVISION DESCRIPTION	SHEET NO.

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Plotted Date: 5/2/2019

DESIGNER/DRAFTER: AH
CHECKED BY: KP
SCALE AS NOTED

STATE OF CONNECTICUT
DEPARTMENT OF TRANSPORTATION

Filename: ..\2019-03-18_0102-0296_Preliminary Design Plans.dgn

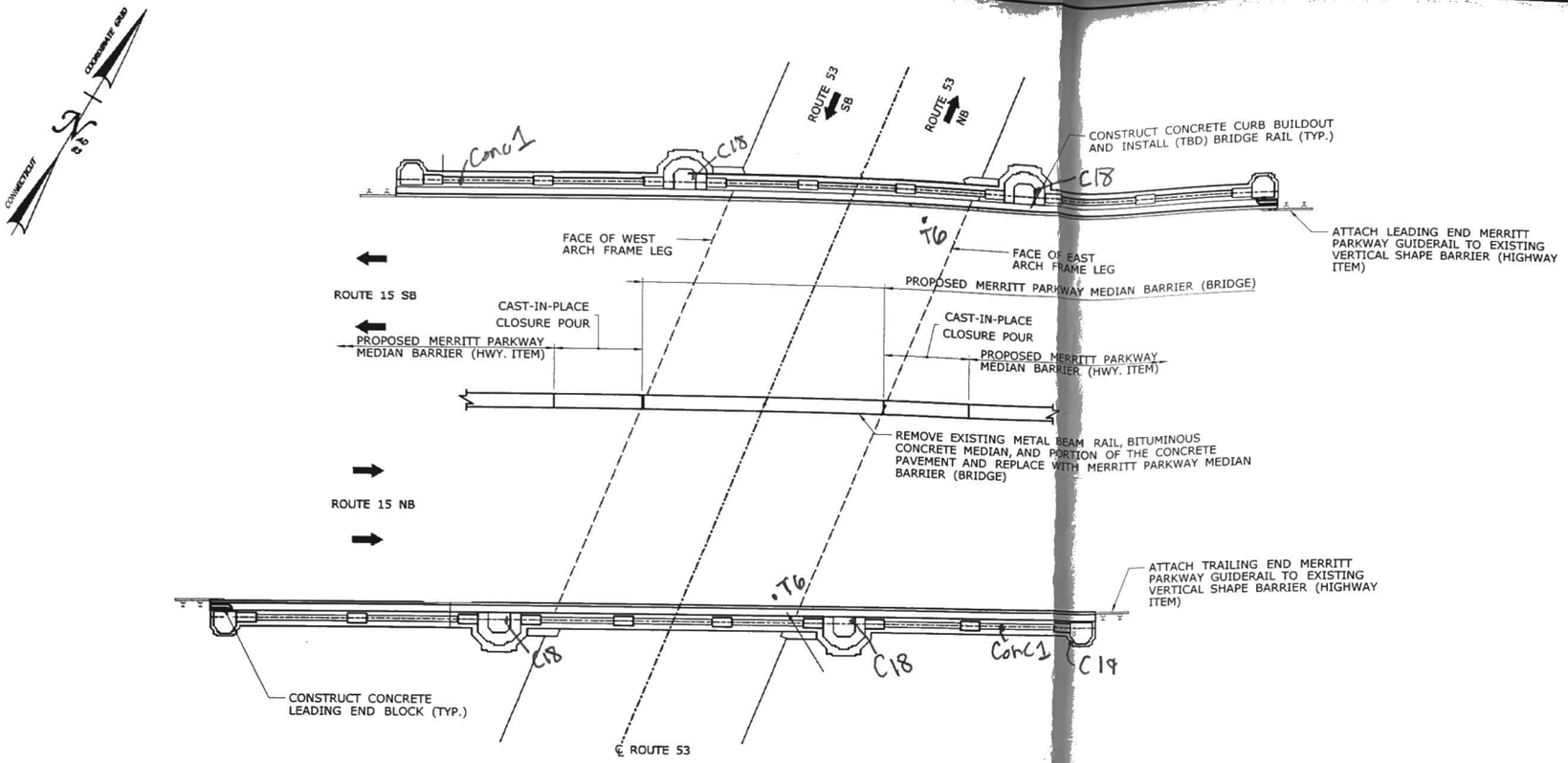
SIGNATURE/BLOCK: OFFICE OF ENGINEERING
APPROVED BY:

PROJECT TITLE: ROUTE 15 SAFETY IMPROVEMENTS, RESURFACING, ENHANCEMENTS, AND BRIDGE IMPROVEMENTS

TOWN: NEW CANAAN, NORWALK, WESTPORT

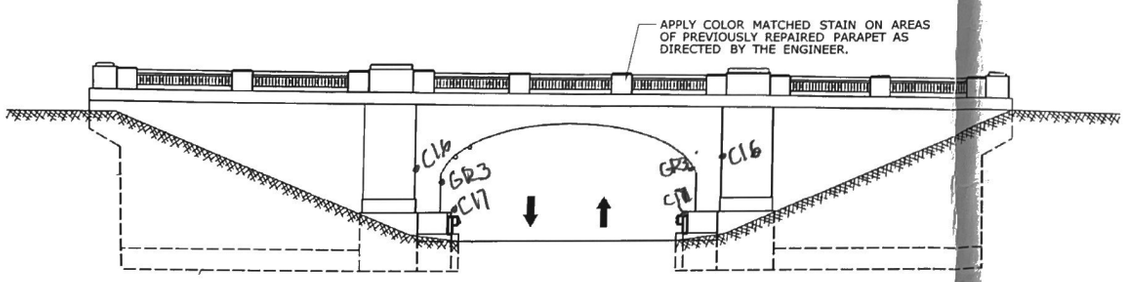
DRAWING TITLE: GENERAL PLAN BRIDGE NO. 00724

PROJECT NO. 102-296
DRAWING NO. S-21
SHEET NO. 02.01.21



PLAN

SCALE: 1" = 10'



ELEVATION

SCALE: 1" = 10'

GENERAL DESCRIPTION OF WORK

GENERAL BRIDGE WORK

- APPLY COLOR MATCHED STAIN ON AREAS OF PREVIOUSLY REPAIRED PARAPET AS DIRECTED BY THE ENGINEER.

TOPSIDE WORK

- ESTABLISH MP&T CONTROLS
- REMOVE EXISTING METAL BEAM RAIL, BITUMINOUS CONCRETE MEDIAN, AND PORTION OF THE CONCRETE PAVEMENT ON ROUTE 15 AND REPLACE WITH MERRITT PARKWAY MEDIAN BARRIER (BRIDGE).
- CONSTRUCT CONCRETE CURB BUILDOUT.
- CONSTRUCT CONCRETE END BLOCKS.
- INSTALL TBD BRIDGE RAIL.
- ATTACH LEADING END GUIDERAIL TO PROPOSED END BLOCKS.
- ATTACH TRAILING END GUIDERAIL TO PROPOSED END BLOCKS.

PRELIMINARY DESIGN REVIEW

REV	DATE	REVISION DESCRIPTION	SHEET NO.

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.

Plotted Date: 5/2/2019

DESIGNER/DRAFTER: AH
CHECKED BY: KP
SCALE AS NOTED

STATE OF CONNECTICUT
DEPARTMENT OF TRANSPORTATION

Filename: ...\2019-03-18_0102-0296_Preliminary Design Plans.dgn

SIGNATURE/BLOCK:
OFFICE OF ENGINEERING
APPROVED BY:

PROJECT TITLE:
ROUTE 15 SAFETY IMPROVEMENTS, RESURFACING, ENHANCEMENTS AND BRIDGE IMPROVEMENTS

TOWN:
NEW CANAAN
NORWALK, WESTPORT

DRAWING TITLE:
GENERAL PLAN
BRIDGE NO. 00725

PROJECT NO: 102-296
DRAWING NO: S-22
SHEET NO: 02.01.22

ConnDOT, New Canaan to Westport RT 15 Bridges, Fairfield, , New Canaan, 06840, CT, US, Gerdes Rd, 47

Created	2019-05-15 13:52:56 UTC by Tyler MacGillivray
Updated	2020-01-27 20:39:34 UTC by Gregory Kaczynski
Location	41.1203116458292, -73.4801222943454
Status	Survey Complete

Job Information

Site Name	New Canaan to Westport RT 15 Bridges
Address	47 Gerdes Rd New Canaan, CT 06840
TRC Project Number	289951.5716.0710
Project Manager	Erik Plimpton, Stephen Arienti
Inspector(s)	Brendan McClure, Catie Lemire, Dennis Ryder, Tyler Macgillivray, Hilton Hernandez
Client	ConnDOT
Type of Asbestos Survey	Reno/Demo
Additional Analysis for NOB Materials (Calc)	TEM NY NOB 198.4
PLM Turnaround Time (TAT)	3-day
TEM Turnaround Time (TAT)	3-day
Date	2019-05-15
General Notes	17 bridges along RT between New Canaan and Westport CT.
Overview Photo	

Bridge 05810

Bridge 05810

Bridge 05810

Bridge 05810

Bridge 00712

Bridge 00712

Bridge 00712

Bridge 00712

Bridge 00712

Bridge 00712

Bridge 00713

Bridge 00713

Bridge 005811

Bridge 005811

Bridge 005811 tan paint

Bridge 00715

Bridge 00715

Bridge 00716

Bridge 00717

Bridge 0718

Bridge 0718

Bridge 0717

Bridge 00716

Bridge 00718

Bridge 06067

Bridge 06067

Bridge 06067

Bridge 06067

Bridge 00719

Bridge 00719

Bridge 06068

Bridge 06068

Bridge 00719

Bridge 06068

Bridge 06069

Bridge 06069

Bridge 06069

Bridge 06069

Bridge 00725

Bridge 00725

Bridge 00725 underside

Bridge 00724

Bridge 00724

Bridge 00724

Bridge 00724

Bridge 00723

Bridge 00723

Bridge 00723

Bridge 00723

EXIT 40B
NORTH
Main Ave

EXIT 40B
NORTH
Main Ave

0530A

0530

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

Asbestos Section

(2), C, 1, Hard white caulk, 2

Representative Photos

Bridge 05810 west side

Sample Location	Bridge 05810 west side

Analyze by Layer	No
Asbestos Bulk Analysis	PLM EPA 600/R93/116
Grab or Composite	Grab
Date	2019-05-15
Time	10:53

Bridge 05810 East side

Sample Location	Bridge 05810 East side
Analyze by Layer	No
Asbestos Bulk Analysis	PLM EPA 600/R93/116
Grab or Composite	Grab
Date	2019-05-15
Time	10:54

Material Information

Sampled or Assumed?	Sampled
Material Acronym	C, 1
Material Description	Hard white caulk
Is Material a Non-Friable Organically Bound (NOB)	Yes
Total Count	(2)
Total Count (number only)	2

(2), C, 2, White pliable caulk, 2

Representative Photos

Bridge 00712 west side

Sample Location	Bridge 00712 west side
Analyze by Layer	No
Asbestos Bulk Analysis	PLM EPA 600/R93/116
Grab or Composite	Grab
Date	2019-05-15
Time	11:23

Bridge 00712 East Side

Sample Location	Bridge 00712 East Side
Analyze by Layer	No
Asbestos Bulk Analysis	PLM EPA 600/R93/116
Grab or Composite	Grab
Date	2019-05-15
Time	11:24

Material Information

Sampled or Assumed?	Sampled
Material Acronym	C, 2
Material Description	White pliable caulk
Is Material a Non-Friable Organically Bound (NOB)	Yes
Total Approximate Quantity	40 LF
Total Count	(2)
Total Count (number only)	2

(2), C, 3, Soft grey caulk, 2

Representative Photos

Bridge 00712 East Side

Sample Location	Bridge 00712 East Side
Analyze by Layer	No
Asbestos Bulk Analysis	PLM EPA 600/R93/116
Grab or Composite	Grab
Date	2019-05-15
Time	11:41

Bridge 00712 East Side

Sample Location	Bridge 00712 East Side
Analyze by Layer	No
Asbestos Bulk Analysis	PLM EPA 600/R93/116
Grab or Composite	Grab
Date	2019-05-15
Time	11:41

Material Information

Sampled or Assumed?	Sampled
Material Acronym	C, 3
Material Description	Soft grey caulk
Is Material a Non-Friable Organically Bound (NOB)	Yes
Total Approximate Quantity	10 LF
Total Count	(2)

Total Count (number only)	2

(2), C, 4, Grey pliable caulk, 2

Representative Photos

Bridge 00713 East side

Sample Location	Bridge 00713 East side
Analyze by Layer	No
Asbestos Bulk Analysis	PLM EPA 600/R93/116
Grab or Composite	Grab
Date	2019-05-15
Time	12:29

Bridge 00713 West Side

Sample Location	Bridge 00713 West Side
Analyze by Layer	No
Asbestos Bulk Analysis	PLM EPA 600/R93/116
Grab or Composite	Grab
Date	2019-05-15
Time	12:29

Material Information

Sampled or Assumed?	Sampled
Material Acronym	C, 4
Material Description	Grey pliable caulk
Is Material a Non-Friable Organically Bound (NOB)	Yes
Total Approximate Quantity	50 LF
Total Count	(2)
Total Count (number only)	2

(2), C, 5, Pliable light grey caulk, 2

Representative Photos

Bridge 005811 west side

Sample Location	Bridge 005811 west side
Analyze by Layer	No
Asbestos Bulk Analysis	PLM EPA 600/R93/116
Grab or Composite	Grab
Date	2019-05-15
Time	13:13

Bridge 005811 East side

Sample Location	Bridge 005811 East side
Analyze by Layer	No
Asbestos Bulk Analysis	PLM EPA 600/R93/116
Grab or Composite	Grab
Date	2019-05-15
Time	13:14

Material Information

Sampled or Assumed?	Sampled
Material Acronym	C, 5
Material Description	Pliable light grey caulk
Is Material a Non-Friable Organically Bound (NOB)	Yes
Total Count	(2)
Total Count (number only)	2

(2), C, 6, Hard white caulk, 2

Representative Photos

Bridge 005811 North side

Sample Location	Bridge 005811 North side
Analyze by Layer	No
Asbestos Bulk Analysis	PLM EPA 600/R93/116
Grab or Composite	Grab
Date	2019-05-15
Time	13:28

Bridge 005811 North side

Sample Location	Bridge 005811 North side
Analyze by Layer	No
Asbestos Bulk Analysis	PLM EPA 600/R93/116
Grab or Composite	Grab
Date	2019-05-15
Time	13:29

Material Information

Sampled or Assumed?	Sampled
Material Acronym	C, 6
Material Description	Hard white caulk
Is Material a Non-Friable Organically Bound (NOB)	Yes
Total Approximate Quantity	60 LF

Total Count	(2)
Total Count (number only)	2

(2), C, 7, Sticky pliable grey caulk, 2

Representative Photos

Bridge 00715 West Side

Sample Location	Bridge 00715 West Side
Analyze by Layer	No
Asbestos Bulk Analysis	PLM EPA 600/R93/116
Grab or Composite	Grab
Date	2019-05-15
Time	14:27

Bridge 00715 West side

Sample Location	Bridge 00715 West side
Analyze by Layer	No
Asbestos Bulk Analysis	PLM EPA 600/R93/116
Grab or Composite	Grab
Date	2019-05-15
Time	14:27

Material Information

Sampled or Assumed?	Sampled
Material Acronym	C, 7
Material Description	Sticky pliable grey caulk

Is Material a Non-Friable Organically Bound (NOB)	Yes
Total Approximate Quantity	10 LF
Total Count	(2)
Total Count (number only)	2

(2), C, 8, Dusty soft grey caulk, 2

Representative Photos

Bridge 00715 East Side

Sample Location	Bridge 00715 East Side
Analyze by Layer	No
Asbestos Bulk Analysis	PLM EPA 600/R93/116
Grab or Composite	Grab
Date	2019-05-15
Time	14:46

Bridge 00715 east side

Sample Location	Bridge 00715 east side
Analyze by Layer	No
Asbestos Bulk Analysis	PLM EPA 600/R93/116
Grab or Composite	Grab
Date	2019-05-15
Time	14:46

Material Information

Sampled or Assumed?	Sampled

Material Acronym	C, 8
Material Description	Dusty soft grey caulk
Is Material a Non-Friable Organically Bound (NOB)	Yes
Total Approximate Quantity	8 LF
Total Count	(2)
Total Count (number only)	2

(2), C, 9, Pliable white caulk, 2

Representative Photos

Bridge 00716 West side

Sample Location	Bridge 00716 West side
Analyze by Layer	No
Asbestos Bulk Analysis	PLM EPA 600/R93/116
Grab or Composite	Grab
Date	2019-05-16
Time	10:30

Bridge 00716 West side

Sample Location	Bridge 00716 West side
Analyze by Layer	No
Asbestos Bulk Analysis	PLM EPA 600/R93/116
Grab or Composite	Grab
Date	2019-05-16
Time	10:30

Material Information

Sampled or Assumed?	Sampled
Material Acronym	C, 9
Material Description	Pliable white caulk
Is Material a Non-Friable Organically Bound (NOB)	Yes
Total Approximate Quantity	20 LF
Total Count	(2)
Total Count (number only)	2

(2), C, 10, Dusty hard white caulk, 2

Representative Photos

Bridge 00716 West under side

Sample Location	Bridge 00716 West under side
Analyze by Layer	No
Asbestos Bulk Analysis	PLM EPA 600/R93/116
Grab or Composite	Grab
Date	2019-05-16
Time	10:35

Bridge 00716 East underside

Sample Location	Bridge 00716 East underside
Analyze by Layer	No
Asbestos Bulk Analysis	PLM EPA 600/R93/116
Grab or Composite	Grab

Date	2019-05-16
Time	10:35

Material Information

Sampled or Assumed?	Sampled
Material Acronym	C, 10
Material Description	Dusty hard white caulk
Is Material a Non-Friable Organically Bound (NOB)	Yes
Total Approximate Quantity	240 LF
Total Count	(2)
Total Count (number only)	2

(2), C, 11, Pliable sticky grey and white seam caulk, 2

Representative Photos

Bridge 00718 North side

Sample Location	Bridge 00718 North side
Analyze by Layer	No
Asbestos Bulk Analysis	PLM EPA 600/R93/116
Grab or Composite	Grab
Date	2019-05-16
Time	11:36

Bridge 00718 south side

Sample Location	Bridge 00718 south side
Analyze by Layer	No

Asbestos Bulk Analysis	PLM EPA 600/R93/116
Grab or Composite	Grab
Date	2019-05-16
Time	11:37

Material Information

Sampled or Assumed?	Sampled
Material Acronym	C, 11
Material Description	Pliable sticky grey and white seam caulk
Is Material a Non-Friable Organically Bound (NOB)	Yes
Total Count	(2)
Total Count (number only)	2

(2), C, 12, Hard white pliable abutment caulk , 2

Representative Photos

Bridge 06067 south side abutment

Sample Location	Bridge 06067 south side abutment
Analyze by Layer	No
Asbestos Bulk Analysis	PLM EPA 600/R93/116
Grab or Composite	Grab
Date	2019-05-16
Time	12:40

Bridge 06067 North side abutment

Sample Location	Bridge 06067 North side abutment

Analyze by Layer	No
Asbestos Bulk Analysis	PLM EPA 600/R93/116
Grab or Composite	Grab
Date	2019-05-16
Time	12:40

Material Information

Sampled or Assumed?	Sampled
Material Acronym	C, 12
Material Description	Hard white pliable abutment caulk
Is Material a Non-Friable Organically Bound (NOB)	Yes
Total Count	(2)
Total Count (number only)	2

(2), C, 13, Hard pliable white caulk, 2

Bridge 06068 south side

Sample Location	Bridge 06068 south side
Analyze by Layer	No
Asbestos Bulk Analysis	PLM EPA 600/R93/116
Grab or Composite	Grab
Date	2019-05-16
Time	12:41

Bridge 06068 North side

Sample Location	Bridge 06068 North side
Analyze by Layer	No
Asbestos Bulk Analysis	PLM EPA 600/R93/116
Grab or Composite	Grab
Date	2019-05-16
Time	12:41

Material Information

Sampled or Assumed?	Sampled
Material Acronym	C, 13
Material Description	Hard pliable white caulk
Is Material a Non-Friable Organically Bound (NOB)	Yes
Total Count	(2)
Total Count (number only)	2

(2), C, 14, Soft tan crack caulk, 2

Representative Photos

Bridge 00719 North side

Sample Location	Bridge 00719 North side
Analyze by Layer	No
Asbestos Bulk Analysis	PLM EPA 600/R93/116
Grab or Composite	Grab
Date	2019-05-16
Time	12:26

Bridge 00719 South side

Sample Location	Bridge 00719 South side
Analyze by Layer	No
Asbestos Bulk Analysis	PLM EPA 600/R93/116
Grab or Composite	Grab
Date	2019-05-16
Time	12:26

Material Information

Sampled or Assumed?	Sampled
Material Acronym	C, 14
Material Description	Soft tan crack caulk
Is Material a Non-Friable Organically Bound (NOB)	Yes
Total Approximate Quantity	64 LF
Total Count	(2)

Total Count (number only)	2

(2), C, 15, Pliable dusty white caulk, 2

Bridge 06069 North side

Sample Location	Bridge 06069 North side
Analyze by Layer	No
Asbestos Bulk Analysis	PLM EPA 600/R93/116
Grab or Composite	Grab
Date	2019-05-16
Time	14:33

Bridge 06069 North side

Sample Location	Bridge 06069 North side
Analyze by Layer	No
Asbestos Bulk Analysis	PLM EPA 600/R93/116
Grab or Composite	Grab
Date	2019-05-16
Time	14:34

Material Information

Sampled or Assumed?	Sampled
Material Acronym	C, 15
Material Description	Pliable dusty white caulk
Is Material a Non-Friable Organically Bound (NOB)	Yes
Total Approximate Quantity	15 LF
Total Count	(2)
Total Count (number only)	2

(2), C, 16, Rubbery tan caulk, 2

Representative Photos

Bridge 00725 under side south

Sample Location	Bridge 00725 under side south
Analyze by Layer	No
Asbestos Bulk Analysis	PLM EPA 600/R93/116
Grab or Composite	Grab
Date	2019-05-17
Time	09:58

Bridge 00725 under side north

Sample Location	Bridge 00725 under side north
Analyze by Layer	No
Asbestos Bulk Analysis	PLM EPA 600/R93/116
Grab or Composite	Grab
Date	2019-05-17
Time	09:58

Material Information

Sampled or Assumed?	Sampled
Material Acronym	C, 16
Material Description	Rubbery tan caulk
Is Material a Non-Friable Organically Bound (NOB)	Yes
Total Count	(2)
Total Count (number only)	2

(2), C, 17, Soft rubbery white caulk, 2

Representative Photos

Bridge 00725 under side west

Sample Location	Bridge 00725 under side west
Analyze by Layer	No
Asbestos Bulk Analysis	PLM EPA 600/R93/116
Grab or Composite	Grab
Date	2019-05-17
Time	09:59

Bridge 00725 under side east

Sample Location	Bridge 00725 under side east
Analyze by Layer	No
Asbestos Bulk Analysis	PLM EPA 600/R93/116
Grab or Composite	Grab
Date	2019-05-17
Time	10:00

Material Information

Sampled or Assumed?	Sampled
Material Acronym	C, 17
Material Description	Soft rubbery white caulk
Is Material a Non-Friable Organically Bound (NOB)	Yes
Total Count	(2)

Total Count (number only)	2

(2), C, 18, Dusty hard white caulk, 2

Representative Photos

Bridge 00725 south side

Sample Location	Bridge 00725 south side
Analyze by Layer	No
Asbestos Bulk Analysis	PLM EPA 600/R93/116
Grab or Composite	Grab
Date	2019-05-17
Time	10:19

Bridge 00725 North side

Sample Location	Bridge 00725 North side
Analyze by Layer	No
Asbestos Bulk Analysis	PLM EPA 600/R93/116
Grab or Composite	Grab
Date	2019-05-17
Time	10:19

Material Information

Sampled or Assumed?	Sampled
Material Acronym	C, 18
Material Description	Dusty hard white caulk
Is Material a Non-Friable Organically Bound (NOB)	Yes

Total Count	(2)
Total Count (number only)	2

(2), C, 19, Hard brittle white caulk, 2

Representative Photos

Bridge 00725 North side

Sample Location	Bridge 00725 North side
Analyze by Layer	No
Asbestos Bulk Analysis	PLM EPA 600/R93/116
Grab or Composite	Grab
Date	2019-05-17
Time	10:22

Bridge 00725 North side

Sample Location	Bridge 00725 North side
Analyze by Layer	No
Asbestos Bulk Analysis	PLM EPA 600/R93/116
Grab or Composite	Grab
Date	2019-05-17
Time	10:22

Material Information

Sampled or Assumed?	Sampled
Material Acronym	C, 19
Material Description	Hard brittle white caulk

Is Material a Non-Friable Organically Bound (NOB)	Yes
Total Count	(2)
Total Count (number only)	2

(2), C, 20, Hard pliable white caulk, 2

Representative Photos

Bridge 00724 east side

Sample Location	Bridge 00724 east side
Analyze by Layer	No
Asbestos Bulk Analysis	PLM EPA 600/R93/116
Grab or Composite	Grab
Date	2019-05-17
Time	11:00

Bridge 00724 west side

Sample Location	Bridge 00724 west side
Analyze by Layer	No
Asbestos Bulk Analysis	PLM EPA 600/R93/116
Grab or Composite	Grab
Date	2019-05-17
Time	11:00

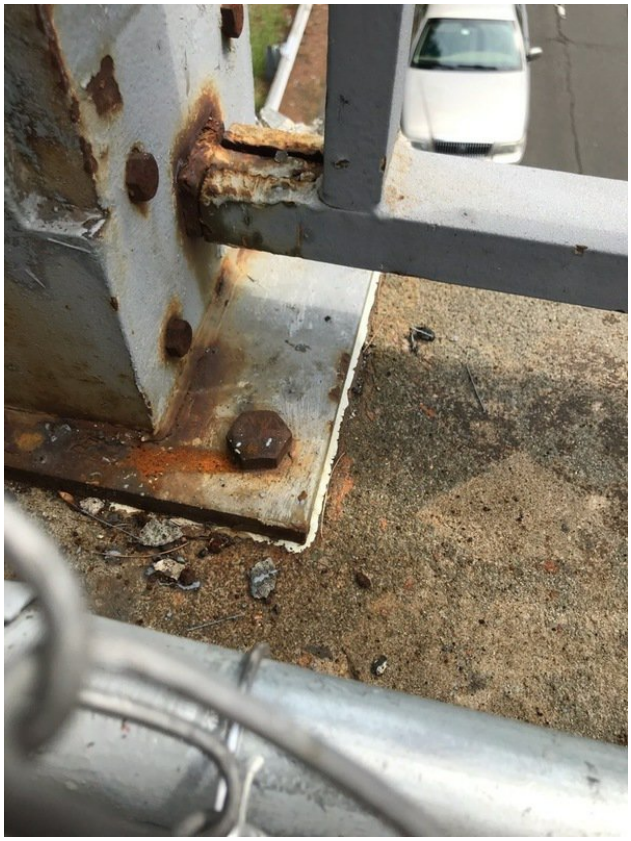
Material Information

Sampled or Assumed?	Sampled
Material Acronym	C, 20

Material Description	Hard pliable white caulk
Is Material a Non-Friable Organically Bound (NOB)	Yes
Total Count	(2)
Total Count (number only)	2

(2), C, 21, Rubbery white railing caulk, 2

Representative Photos



Bridge 00724 east side

Sample Location	Bridge 00724 east side
Analyze by Layer	No
Asbestos Bulk Analysis	PLM EPA 600/R93/116
Grab or Composite	Grab
Date	2019-05-17
Time	11:01

Bridge 00724 west side

Sample Location	Bridge 00724 west side
Analyze by Layer	No
Asbestos Bulk Analysis	PLM EPA 600/R93/116
Grab or Composite	Grab
Date	2019-05-17
Time	11:01

Material Information

Sampled or Assumed?	Sampled

Material Acronym	C, 21
Material Description	Rubbery white railing caulk
Is Material a Non-Friable Organically Bound (NOB)	Yes
Total Count	(2)
Total Count (number only)	2

(2), C, 22, Rubbery pliable white caulk, 2

Representative Photos

Bridge 00724 North underside

Sample Location	Bridge 00724 North underside
Analyze by Layer	No
Asbestos Bulk Analysis	PLM EPA 600/R93/116
Grab or Composite	Grab
Date	2019-05-17
Time	11:04

Bridge 00724 south underside

Sample Location	Bridge 00724 south underside
Analyze by Layer	No
Asbestos Bulk Analysis	PLM EPA 600/R93/116
Grab or Composite	Grab
Date	2019-05-17
Time	11:05

Material Information

Sampled or Assumed?	Sampled
Material Acronym	C, 22
Material Description	Rubbery pliable white caulk
Is Material a Non-Friable Organically Bound (NOB)	Yes
Total Count	(2)
Total Count (number only)	2

(2), C, 23, Hard rubbery white caulk, 2

Representative Photos

Bridge 00723 East side

Sample Location	Bridge 00723 East side
Analyze by Layer	No
Asbestos Bulk Analysis	PLM EPA 600/R93/116
Grab or Composite	Grab
Date	2019-05-17
Time	11:32

Bridge 00723 West side

Sample Location	Bridge 00723 West side
Analyze by Layer	No
Asbestos Bulk Analysis	PLM EPA 600/R93/116
Grab or Composite	Grab
Date	2019-05-17
Time	11:32

Material Information

Sampled or Assumed?	Sampled
Material Acronym	C, 23
Material Description	Hard rubbery white caulk
Is Material a Non-Friable Organically Bound (NOB)	Yes
Total Count	(2)
Total Count (number only)	2

(2), C, 24, Soft pliable grey railing caulk, 2

Representative Photos

Bridge 00723 West side

Sample Location	Bridge 00723 West side
Analyze by Layer	No
Asbestos Bulk Analysis	PLM EPA 600/R93/116
Grab or Composite	Grab
Date	2019-05-17
Time	11:33

Bridge 00723 West side

Sample Location	Bridge 00723 West side
Analyze by Layer	No
Asbestos Bulk Analysis	PLM EPA 600/R93/116
Grab or Composite	Grab
Date	2019-05-17

Time	11:34

Material Information

Sampled or Assumed?	Sampled
Material Acronym	C, 24
Material Description	Soft pliable grey railing caulk
Is Material a Non-Friable Organically Bound (NOB)	Yes
Total Count	(2)
Total Count (number only)	2

(2), C, 25, Hard dusty brittle white caulk, 2

Representative Photos

Bridge 0530A South Side

Sample Location	Bridge 0530A South Side
Analyze by Layer	No
Asbestos Bulk Analysis	PLM EPA 600/R93/116
Grab or Composite	Grab
Date	2019-05-17
Time	12:39

Bridge 0530A South Side

Sample Location	Bridge 0530A South Side
Analyze by Layer	No
Asbestos Bulk Analysis	PLM EPA 600/R93/116
Grab or Composite	Grab

Date	2019-05-17
Time	12:39

Material Information

Sampled or Assumed?	Sampled
Material Acronym	C, 25
Material Description	Hard dusty brittle white caulk
Is Material a Non-Friable Organically Bound (NOB)	Yes
Total Count	(2)
Total Count (number only)	2

(2), C, 26, Soft rubbery white caulk, 2

Representative Photos

Bridge 0530B North Side

Sample Location	Bridge 0530B North Side
Asbestos Bulk Analysis	PLM EPA 600/R93/116
Grab or Composite	Grab
Date	2019-05-17
Time	12:40

Bridge 0530B North Side

Sample Location	Bridge 0530B North Side
Analyze by Layer	No
Asbestos Bulk Analysis	PLM EPA 600/R93/116
Grab or Composite	Grab

Date	2019-05-17
Time	12:40

Material Information

Sampled or Assumed?	Sampled
Material Acronym	C, 26
Material Description	Soft rubbery white caulk
Is Material a Non-Friable Organically Bound (NOB)	Yes
Total Count	(2)
Total Count (number only)	2

(2), C, 27, Pliable dusty white caulk with black foam, 2

Representative Photos

Bridge 0530B North Side

Sample Location	Bridge 0530B North Side
Analyze by Layer	No
Asbestos Bulk Analysis	PLM EPA 600/R93/116
Grab or Composite	Grab
Date	2019-05-17
Time	12:41

Bridge 0530B North Side

Sample Location	Bridge 0530B North Side
Analyze by Layer	No
Asbestos Bulk Analysis	PLM EPA 600/R93/116

Grab or Composite	Grab
Date	2019-05-17
Time	12:41

Material Information

Sampled or Assumed?	Sampled
Material Acronym	C, 27
Material Description	Pliable dusty white caulk with black foam
Is Material a Non-Friable Organically Bound (NOB)	Yes
Total Count	(2)
Total Count (number only)	2

(2), Conc 1, Hard white concrete patch, 2

Representative Photos

Bridge 00725 south side

Sample Location	Bridge 00725 south side
Analyze by Layer	No
Asbestos Bulk Analysis	PLM EPA 600/R93/116
Grab or Composite	Grab
Date	2019-05-17
Time	10:17

Bridge 00725 North side

Sample Location	Bridge 00725 North side
Analyze by Layer	No

Asbestos Bulk Analysis	PLM EPA 600/R93/116
Grab or Composite	Grab
Date	2019-05-17
Time	10:18

Material Information

Sampled or Assumed?	Sampled
Material Acronym	Conc 1
Material Description	Hard white concrete patch
Is Material a Non-Friable Organically Bound (NOB)	No
Total Count	(2)
Total Count (number only)	2

(2), EJ 1, Black fibrous expansion joint, 2

Representative Photos

Bridge 00712 West Side

Sample Location	Bridge 00712 West Side
Analyze by Layer	No
Asbestos Bulk Analysis	PLM EPA 600/R93/116
Grab or Composite	Grab
Date	2019-05-15
Time	11:27

Bridge 00712 East Side

Sample Location	Bridge 00712 East Side

Analyze by Layer	No
Asbestos Bulk Analysis	PLM EPA 600/R93/116
Grab or Composite	Grab
Date	2019-05-15
Time	11:27

Material Information

Sampled or Assumed?	Sampled
Material Acronym	EJ 1
Material Description	Black fibrous expansion joint
Is Material a Non-Friable Organically Bound (NOB)	No
Total Approximate Quantity	150 sqft (unsure of depth very rough estimate)
Total Count	(2)
Total Count (number only)	2

(2), T 1, Black tar patch, 2

Representative Photos

Bridge 00712 East Side

Sample Location	Bridge 00712 East Side
Analyze by Layer	No
Asbestos Bulk Analysis	PLM EPA 600/R93/116
Grab or Composite	Grab
Date	2019-05-15
Time	11:41

Bridge 00712 East Side

Sample Location	Bridge 00712 East Side
Asbestos Bulk Analysis	PLM EPA 600/R93/116
Grab or Composite	Grab
Date	2019-05-15
Time	11:41

Material Information

Sampled or Assumed?	Sampled
Material Acronym	T 1
Material Description	Black tar patch
Is Material a Non-Friable Organically Bound (NOB)	Yes
Total Approximate Quantity	2 LF
Total Count	(2)
Total Count (number only)	2

(2), T2, Hard black seam tar, 2

Representative Photos

Bridge 00718 south side

Sample Location	Bridge 00718 south side
Analyze by Layer	No
Asbestos Bulk Analysis	PLM EPA 600/R93/116
Grab or Composite	Grab
Date	2019-05-16
Time	11:33

Bridge 00718 North side

Sample Location	Bridge 00718 North side
Analyze by Layer	No
Asbestos Bulk Analysis	PLM EPA 600/R93/116
Grab or Composite	Grab
Date	2019-05-16
Time	11:33

Material Information

Sampled or Assumed?	Sampled
Material Acronym	T2
Material Description	Hard black seam tar
Is Material a Non-Friable Organically Bound (NOB)	Yes
Total Count	(2)
Total Count (number only)	2

(2), T3, Sticky pliable road tar, 2

Representative Photos

Bridge 00718 east abutment

Sample Location	Bridge 00718 east abutment
Analyze by Layer	No
Asbestos Bulk Analysis	PLM EPA 600/R93/116
Grab or Composite	Grab
Date	2019-05-16
Time	11:35

Bridge 00718 west abutment

Sample Location	Bridge 00718 west abutment
Analyze by Layer	No
Asbestos Bulk Analysis	PLM EPA 600/R93/116
Grab or Composite	Grab
Date	2019-05-16
Time	11:35

Material Information

Sampled or Assumed?	Sampled
Material Acronym	T3
Material Description	Sticky pliable road tar
Is Material a Non-Friable Organically Bound (NOB)	Yes
Total Count	(2)

Total Count (number only)	2

(2), T4, Pliable sticky black road tar, 2

Representative Photos

Bridge 06067

Sample Location	Bridge 06067
Analyze by Layer	No
Asbestos Bulk Analysis	PLM EPA 600/R93/116
Grab or Composite	Grab
Date	2019-05-16
Time	12:38

Bridge 06067

Sample Location	Bridge 06067
Analyze by Layer	No
Asbestos Bulk Analysis	PLM EPA 600/R93/116
Grab or Composite	Grab
Date	2019-05-16
Time	12:38

Material Information

Sampled or Assumed?	Sampled
Material Acronym	T4
Material Description	Pliable sticky black road tar
Is Material a Non-Friable Organically Bound (NOB)	Yes

Total Count	(2)
Total Count (number only)	2

(2), T5, Sticky black road tar, 2

Bridge 06068 south side

Sample Location	Bridge 06068 south side
Analyze by Layer	No
Asbestos Bulk Analysis	PLM EPA 600/R93/116
Grab or Composite	Grab
Date	2019-05-16
Time	12:38

Bridge 06068 North side

Sample Location	Bridge 06068 North side
Analyze by Layer	No
Asbestos Bulk Analysis	PLM EPA 600/R93/116
Grab or Composite	Grab
Date	2019-05-16
Time	12:39

Material Information

Sampled or Assumed?	Sampled
Material Acronym	T5
Material Description	Sticky black road tar
Is Material a Non-Friable Organically Bound (NOB)	Yes
Total Count	(2)
Total Count (number only)	2

(2), T6, Black road tar, 2

Representative Photos

North side bridge 06069

Sample Location	North side bridge 06069
Analyze by Layer	No
Asbestos Bulk Analysis	PLM EPA 600/R93/116
Grab or Composite	Grab
Date	2019-05-16
Time	14:28

South side bridge 06069

Sample Location	South side bridge 06069
Analyze by Layer	No
Asbestos Bulk Analysis	PLM EPA 600/R93/116
Grab or Composite	Grab
Date	2019-05-16
Time	14:28

Material Information

Sampled or Assumed?	Sampled
Material Acronym	T6
Material Description	Black road tar
Is Material a Non-Friable Organically Bound (NOB)	Yes
Total Count	(2)
Total Count (number only)	2

(2), T7, Sticky black road tar, 2

Bridge 00725 North side

Sample Location	Bridge 00725 North side
Analyze by Layer	No
Asbestos Bulk Analysis	PLM EPA 600/R93/116
Grab or Composite	Grab
Date	2019-05-17
Time	10:16

Bridge 00725 South side

Sample Location	Bridge 00725 South side
Analyze by Layer	No
Asbestos Bulk Analysis	PLM EPA 600/R93/116
Grab or Composite	Grab
Date	2019-05-17
Time	10:16

Material Information

Sampled or Assumed?	Sampled
Material Acronym	T7
Material Description	Sticky black road tar
Is Material a Non-Friable Organically Bound (NOB)	Yes
Total Count	(2)
Total Count (number only)	2

(2), T8, Sticky hard road tar, 2

Representative Photos

Bridge 00724 North side

Sample Location	Bridge 00724 North side
Analyze by Layer	No
Asbestos Bulk Analysis	PLM EPA 600/R93/116
Grab or Composite	Grab
Date	2019-05-17
Time	11:02

Bridge 00724 south side

Sample Location	Bridge 00724 south side
Analyze by Layer	No
Asbestos Bulk Analysis	PLM EPA 600/R93/116
Grab or Composite	Grab
Date	2019-05-17
Time	11:02

Material Information

Sampled or Assumed?	Sampled
Material Acronym	T8
Material Description	Sticky hard road tar
Is Material a Non-Friable Organically Bound (NOB)	Yes
Total Count	(2)
Total Count (number only)	2

(2), T9, Hard sticky black road tar, 2

Representative Photos

Bridge 00723 North side

Sample Location	Bridge 00723 North side
Analyze by Layer	No
Asbestos Bulk Analysis	PLM EPA 600/R93/116
Grab or Composite	Grab
Date	2019-05-17
Time	11:35

Bridge 00723 South side

Sample Location	Bridge 00723 South side
Analyze by Layer	No
Asbestos Bulk Analysis	PLM EPA 600/R93/116
Grab or Composite	Grab
Date	2019-05-17
Time	11:35

Material Information

Sampled or Assumed?	Sampled
Material Acronym	T9
Material Description	Hard sticky black road tar
Is Material a Non-Friable Organically Bound (NOB)	Yes
Total Count	(2)

Total Count (number only)	2

(2), T10, Brittle Tar, 2

Representative Photos

Bridge 0530A South Side

Sample Location	Bridge 0530A South Side
Analyze by Layer	No
Asbestos Bulk Analysis	PLM EPA 600/R93/116
Grab or Composite	Grab
Date	2019-05-17
Time	12:37

Bridge 0530A South Side

Sample Location	Bridge 0530A South Side
Asbestos Bulk Analysis	PLM EPA 600/R93/116
Grab or Composite	Grab
Date	2019-05-17
Time	12:38

Material Information

Sampled or Assumed?	Sampled
Material Acronym	T10
Material Description	Brittle Tar
Is Material a Non-Friable Organically Bound (NOB)	Yes
Total Count	(2)

Total Count (number only)	2

(2), T11, Pliable sticky black road tar, 2

Representative Photos

Bridge 0530B North Side

Sample Location	Bridge 0530B North Side
Analyze by Layer	No
Asbestos Bulk Analysis	PLM EPA 600/R93/116
Grab or Composite	Grab
Date	2019-05-17
Time	12:36

Bridge 0530B North Side

Sample Location	Bridge 0530B North Side
Analyze by Layer	No
Asbestos Bulk Analysis	PLM EPA 600/R93/116
Grab or Composite	Grab
Date	2019-05-17
Time	12:37

Material Information

Sampled or Assumed?	Sampled
Material Acronym	T11
Material Description	Pliable sticky black road tar
Is Material a Non-Friable Organically Bound (NOB)	Yes

Total Count	(2)
Total Count (number only)	2

(2), M, 1, Tan Patching Mortar , 2

Representative Photos

Bridge 05810 west side

Sample Location	Bridge 05810 west side
Analyze by Layer	No
Asbestos Bulk Analysis	PLM EPA 600/R93/116
Grab or Composite	Grab
Date	2019-05-15
Time	11:00

Bridge 05810 east side

Sample Location	Bridge 05810 east side
Analyze by Layer	No
Asbestos Bulk Analysis	PLM EPA 600/R93/116
Grab or Composite	Grab
Date	2019-05-15
Time	11:00

Material Information

Sampled or Assumed?	Sampled
Material Acronym	M, 1
Material Description	Tan Patching Mortar

Is Material a Non-Friable Organically Bound (NOB)	No
Total Count	(2)
Total Count (number only)	2

(2), GR, 1, Hard White Grout, 2

Representative Photos

Bridge 00716 East side

Sample Location	Bridge 00716 East side
Analyze by Layer	No
Asbestos Bulk Analysis	PLM EPA 600/R93/116
Grab or Composite	Grab
Date	2019-05-16
Time	10:25

Bridge 00716 West side

Sample Location	Bridge 00716 West side
Analyze by Layer	No
Asbestos Bulk Analysis	PLM EPA 600/R93/116
Grab or Composite	Grab
Date	2019-05-16
Time	10:26

Material Information

Sampled or Assumed?	Sampled
Material Acronym	GR, 1

Material Description	Hard White Grout
Is Material a Non-Friable Organically Bound (NOB)	No
Total Count	(2)
Total Count (number only)	2

(2), GR, 2, Hard White Grout, 2

Representative Photos

Bridge 00719 North side

Sample Location	Bridge 00719 North side
Analyze by Layer	No
Asbestos Bulk Analysis	PLM EPA 600/R93/116
Grab or Composite	Grab
Date	2019-05-16
Time	12:27

Bridge 00719 South side

Sample Location	Bridge 00719 South side
Analyze by Layer	No
Asbestos Bulk Analysis	PLM EPA 600/R93/116
Grab or Composite	Grab
Date	2019-05-16
Time	12:27

Material Information

Sampled or Assumed?	Sampled

Material Acronym	GR, 2
Material Description	Hard White Grout
Is Material a Non-Friable Organically Bound (NOB)	No
Total Approximate Quantity	200 SF
Total Count	(2)
Total Count (number only)	2

(2), GR, 3, Brittle Tan Grout Patch, 2

Representative Photos

Bridge 00725 underside west

Sample Location	Bridge 00725 underside west
Analyze by Layer	No
Asbestos Bulk Analysis	PLM EPA 600/R93/116
Grab or Composite	Grab
Date	2019-05-17
Time	10:21

Bridge 00725 underside east

Sample Location	Bridge 00725 underside east
Analyze by Layer	No
Asbestos Bulk Analysis	PLM EPA 600/R93/116
Grab or Composite	Grab
Date	2019-05-17
Time	10:21

Material Information

Sampled or Assumed?	Sampled
Material Acronym	GR, 3
Material Description	Brittle Tan Grout Patch
Is Material a Non-Friable Organically Bound (NOB)	No
Total Count	(2)
Total Count (number only)	2

(2), GR, 4, Brittle Tan Grout patch, 2

Representative Photos

Bridge 00724 east underside

Sample Location	Bridge 00724 east underside
Analyze by Layer	No
Asbestos Bulk Analysis	PLM EPA 600/R93/116
Grab or Composite	Grab
Date	2019-05-17
Time	11:03

Bridge 00724 west underside

Sample Location	Bridge 00724 west underside
Analyze by Layer	No
Asbestos Bulk Analysis	PLM EPA 600/R93/116
Grab or Composite	Grab
Date	2019-05-17

Time	11:03

Material Information

Sampled or Assumed?	Sampled
Material Acronym	GR, 4
Material Description	Brittle Tan Grout patch
Is Material a Non-Friable Organically Bound (NOB)	No
Total Count	(2)
Total Count (number only)	2

(2), GR, 5, Hard tan patch grout, 2

Representative Photos

Bridge 00723 East side

Sample Location	Bridge 00723 East side
Analyze by Layer	No
Asbestos Bulk Analysis	PLM EPA 600/R93/116
Grab or Composite	Grab
Date	2019-05-17
Time	11:30

Bridge 00723 West side

Sample Location	Bridge 00723 West side
Analyze by Layer	No
Asbestos Bulk Analysis	PLM EPA 600/R93/116
Grab or Composite	Grab

Date	2019-05-17
Time	11:31

Material Information

Sampled or Assumed?	Sampled
Material Acronym	GR, 5
Material Description	Hard tan patch grout
Is Material a Non-Friable Organically Bound (NOB)	No
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	No
Date Data Downloaded	2019-05-17

Bridge/Signs/Light Pole/Traffic Signal Items

Bridge NO. 05810

Bridge/Sign/Light Pole/Traffic Signal No.	Bridge NO. 05810
General Notes	Unpainted concrete bridge, under side inaccessible for close inspection.
Accessibility	Accessible
Paint on Structure (s)?	No
Suspect Asbestos Containing Materials Identified on Structure	Yes
Guano Present?	No
Homeless Activity	No
Bloodborne Pathogen Concerns?	No
Mice/Mouse Nests/Droppings	No

Bridge NO. 00712

Bridge/Sign/Light Pole/Traffic Signal No.	Bridge NO. 00712
General Notes	Underside of bridge inaccessible.
Accessibility	Accessible
Paint on Structure (s)?	No
Suspect Asbestos Containing Materials Identified on Structure	Yes
Guano Present?	No
Homeless Activity	No
Bloodborne Pathogen Concerns?	No
Mice/Mouse Nests/Droppings	No

Bridge NO. 00713

Bridge/Sign/Light Pole/Traffic Signal No.	Bridge NO. 00713
Accessibility	Accessible

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

Bridge NO. 05811

Bridge/Sign/Light Pole/Traffic Signal No.	Bridge NO. 05811
Accessibility	Accessible
Paint on Structure (s)?	Yes
Paint on what Components/Structure(s)?	Tan painted concrete
Suspect Asbestos Containing Materials Identified on Structure	Yes
Guano Present?	No
Homeless Activity	No
Bloodborne Pathogen Concerns?	No
Mice/Mouse Nests/Droppings	No

Bridge NO. 00715

Bridge/Sign/Light Pole/Traffic Signal No.	Bridge NO. 00715
Accessibility	Accessible
Paint on Structure (s)?	Yes
Paint on what Components/Structure(s)?	Tan on concrete and green painted inaccessible steel supports. The shoulder of the road is too narrow to safely use a ladder.
Suspect Asbestos Containing Materials Identified on Structure	Yes
Guano Present?	No
Homeless Activity	No
Bloodborne Pathogen Concerns?	No
Mice/Mouse Nests/Droppings	No

Bridge NO. 00716

Bridge/Sign/Light Pole/Traffic Signal No.	Bridge NO. 00716
Accessibility	Accessible
Paint on Structure (s)?	No
Suspect Asbestos Containing Materials Identified on Structure	Yes
Guano Present?	No
Homeless Activity	No
Bloodborne Pathogen Concerns?	No
Mice/Mouse Nests/Droppings	No

Bridge NO. 00717

Bridge/Sign/Light Pole/Traffic Signal No.	Bridge NO. 00717

Accessibility	Accessible
Paint on Structure (s)?	Yes
Paint on what Components/Structure(s)?	Tan painted concrete patches
Suspect Asbestos Containing Materials Identified on Structure	No
Guano Present?	No
Homeless Activity	No
Bloodborne Pathogen Concerns?	No
Mice/Mouse Nests/Droppings	No

Bridge NO. 00718

Bridge/Sign/Light Pole/Traffic Signal No.	Bridge NO. 00718
Accessibility	Accessible
Paint on Structure (s)?	Yes
Paint on what Components/Structure(s)?	Painted support beams and bearings
Suspect Asbestos Containing Materials Identified on Structure	Yes
Guano Present?	No
Homeless Activity	No
Bloodborne Pathogen Concerns?	No
Mice/Mouse Nests/Droppings	No

Bridge NO. 00719

Bridge/Sign/Light Pole/Traffic Signal No.	Bridge NO. 00719
Accessibility	Accessible
Paint on Structure (s)?	No
Suspect Asbestos Containing Materials Identified on Structure	Yes
Guano Present?	No
Homeless Activity	No
Bloodborne Pathogen Concerns?	No
Mice/Mouse Nests/Droppings	No

Bridge NO. 06067

Bridge/Sign/Light Pole/Traffic Signal No.	Bridge NO. 06067
Accessibility	Accessible
Paint on Structure (s)?	No
Guano Present?	No
Homeless Activity	No
Bloodborne Pathogen Concerns?	No
Mice/Mouse Nests/Droppings	No

Bridge NO. 06068

Bridge/Sign/Light Pole/Traffic Signal No.	Bridge NO. 06068
Accessibility	Accessible
Paint on Structure (s)?	No

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

Bridge NO. 06069

Bridge/Sign/Light Pole/Traffic Signal No.	Bridge NO. 06069
Accessibility	Accessible
Paint on Structure (s)?	Yes
Paint on what Components/Structure(s)?	Painted steel supports
Suspect Asbestos Containing Materials Identified on Structure	Yes
Guano Present?	Yes
Guano Locations	Abutments
Guano Square Footage	10
Homeless Activity	No
Bloodborne Pathogen Concerns?	No
Mice/Mouse Nests/Droppings	No

Bridge NO. 00530A

Bridge/Sign/Light Pole/Traffic Signal No.	Bridge NO. 00530A
Accessibility	Accessible
Paint on Structure (s)?	No
Suspect Asbestos Containing Materials Identified on Structure	Yes
Guano Present?	No
Homeless Activity	No
Bloodborne Pathogen Concerns?	No
Mice/Mouse Nests/Droppings	No

Bridge NO. 00530B

Bridge/Sign/Light Pole/Traffic Signal No.	Bridge NO. 00530B
Accessibility	Accessible
Paint on Structure (s)?	No
Suspect Asbestos Containing Materials Identified on Structure	Yes
Guano Present?	No
Homeless Activity	No
Bloodborne Pathogen Concerns?	No
Mice/Mouse Nests/Droppings	No

Bridge NO. 00723

Bridge/Sign/Light Pole/Traffic Signal No.	Bridge NO. 00723
Accessibility	Accessible
Paint on Structure (s)?	Yes

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

Bridge NO. 00724

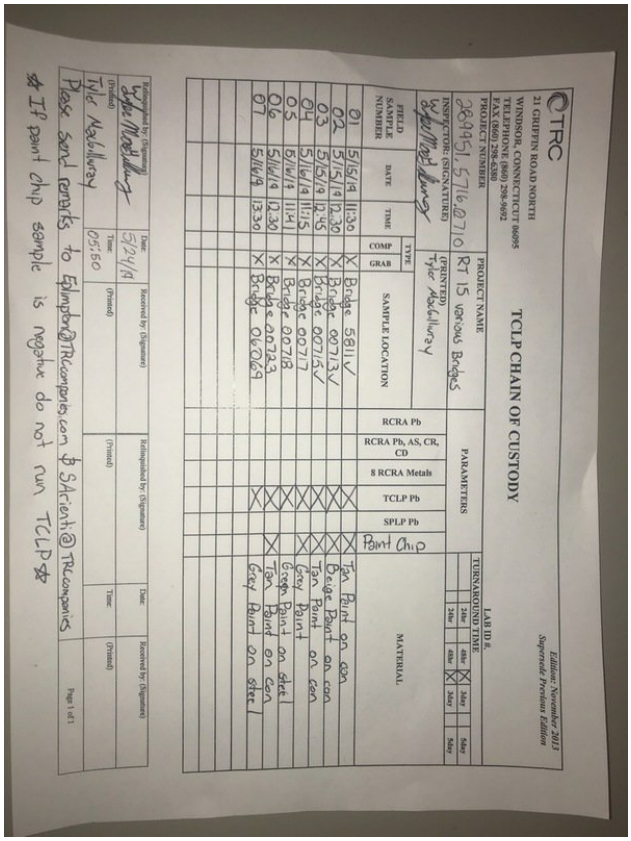
Bridge/Sign/Light Pole/Traffic Signal No.	Bridge NO. 00724
Accessibility	Accessible
Paint on Structure (s)?	No
Suspect Asbestos Containing Materials Identified on Structure	Yes
Guano Present?	No
Homeless Activity	No
Bloodborne Pathogen Concerns?	No
Mice/Mouse Nests/Droppings	No

Bridge NO. 00725

Bridge/Sign/Light Pole/Traffic Signal No.	Bridge NO. 00725
Accessibility	Accessible
Paint on Structure (s)?	No
Suspect Asbestos Containing Materials Identified on Structure	Yes
Guano Present?	No
Homeless Activity	No
Bloodborne Pathogen Concerns?	No
Mice/Mouse Nests/Droppings	No

General Information

Site Sketch Diagrams



TRC

21 GRIFFIN ROAD NORTH
WINDSOR, CONNECTICUT 06095
TELEPHONE (860) 298-9692
FACSIMILE (860) 298-6399
PROJECT NUMBER: 289951.5716.0710

Edition: November 2013
Supersede Previous Edition

TCLP CHAIN OF CUSTODY

PROJECT NAME: RT 15 Various Bridges

INSPECTOR: (SIGNATURED): Tyler MacGillivray
(PRINTED): Tyler MacGillivray

LAB ID #:

TURNAROUND TIME: 24hr | 48hr [X] | 3day | 5day | 24hr | 48hr [X] | 3day | 5day

FIELD SAMPLE NUMBER	DATE	TIME	TYPE: COMP	TYPE: GRAB	SAMPLE LOCATION	RCRA Pb	RCRA Pb, AS, CR, CD	8 RCRA Metals	TCLP Pb	SPLP Pb	Paint Chip	MATERIAL
01	5/15/19	11:30		X	Bridge 58115						X	Tan Paint on can
02	5/15/19	12:30		X	Bridge 00713						X	Beige Paint on can
03	5/15/19	12:45		X	Bridge 00715						X	Tan Paint on can
04	5/16/19	11:15		X	Bridge 00717				X		X	Grey Paint on can
05	5/16/19	11:41		X	Bridge 00713				X		X	Green Paint on steel
06	5/16/19	12:30		X	Bridge 00723				X			Tan Paint on can
07	5/16/19	13:30		X	Bridge 06063				X			Grey Paint on steel

Relinquished by: (Signature): Tyler MacGillivray
(Printed): Tyler MacGillivray
Date: 5/24/19
Time: 0:50

Received by: (Signature)
(Printed)

Relinquished by: (Signature)
(Printed)

Date:
Time:

Received by: (Signature)
(Printed)

Page 1 of 1

Please send results to Elimpton@TRCcompanies.com & SAcierti@TRCcompanies

* If paint chip sample is negative do not run TCLP *

Asbestos Samples Submitted to TRC Lab	Yes
Date Submitted to Lab	2019-05-23
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?	gkaczynski@trcsolutions.com
Generate Documents	N/A

ConnDOT, 4x4 box culvert at exit 40B, Fairfield County, , New Canaan, 06840, Connecticut, United States, Merritt Parkway,

Created	2020-03-24 13:58:49 UTC by Catie Lemire
Updated	2020-04-19 21:06:13 UTC by Gregory Kaczynski
Location	41.1267516, -73.4665454
Status	Survey Complete

Job Information

Site Name	4x4 box culvert at exit 40B
Address	Merritt Parkway New Canaan, Connecticut 06840
TRC Project Number	289951.5716.0710
Project Manager	Erik Plimpton, Stephen Arienti
Inspector(s)	Brendan McClure, Pat Schaffner, Catie Lemire
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	2020-03-24
General Notes	This culvert was added to a previous inspection of 17 bridges on the Merritt Parkway. No visible paint or ACM.
Overview Photo	

Surveys Performed	Asbestos

General Information

Signature

Signed 2020-03-24 19:09:56 UTC

Asbestos Samples Submitted to TRC Lab	Yes
Date Submitted to Lab	2020-03-24
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.

Where should the document(s) be sent?	gkaczynski@trcsolutions.com
Generate Documents	N/A

STATE PROJECT NO. 0102-0296 & 0102-0368
FAP NO.: PE 0015(104)
MERRITT PARKWAY (ROUTE 15) SAFETY IMPROVEMENTS,
RESURFACING, ENHANCEMENTS AND BRIDGE IMPROVEMENTS
FROM CT ROUTE 124 IN NEW CANAAN TO NEWTOWN TURNPIKE IN WESTPORT

TOWN OF NEW CANAAN, CITY OF NORWALK & TOWN OF WESTPORT

PROJECT LOCATION: This project involves resurfacing of the Merritt Parkway (Route 15) in both directions as well as various safety improvements from CT Route 124 in New Canaan (log mile 14.14) to Newtown Turnpike in Westport (log mile 20.64) for a total length of 6.5 miles.

Update: As of January 30, 2020 the decision was made to separate the original project limits in half at the bridge carrying the Merritt Parkway over Main Avenue in the City of Norwalk. This is due to the results of the Value Engineering Study recommendation to include work involving the extension of acceleration and deceleration lanes at the South Avenue service plaza in New Canaan and some uncertainty in the level of repairs needed on the Comstock Hill Bridge. The section to the north (log mile 17.60 to 20.64) will be constructed first and follow the original project schedule under project number 0102-0368.

The southern section, log mile 14.14 to 17.6 will retain the original project number 102-296 for construction, and a new schedule will be developed.

PURPOSE AND NEED: This project has been initiated by the Connecticut Department of Transportation (Department) as part of a corridor improvement effort to provide safety improvements and enhancements to the Merritt Parkway, while maintaining its unique character and aesthetics. This is the 8th and final project in a series of 8 corridor improvement projects on the Merritt Parkway. With completion of this project 100% of the Parkway will be upgraded.

DESCRIPTION: This project involves resurfacing Route 15 in both directions as well as providing various safety improvements and aesthetic enhancements. All work would conform to the "Merritt Parkway Guidelines for General Maintenance and Transportation Improvements" recommendations, prepared by the Merritt Parkway Working Group in June 1994. This project also involves the rehabilitation of the existing landscaping by removing invasive species, preserving existing plantings, and adding additional plantings in accordance with the "Merritt Parkway Landscape Master Plan" dated October 1994. In addition, the project will rehabilitate and restore historic bridge structures in accordance with the "Merritt Parkway Bridge Restoration Guide" dated May 2002.

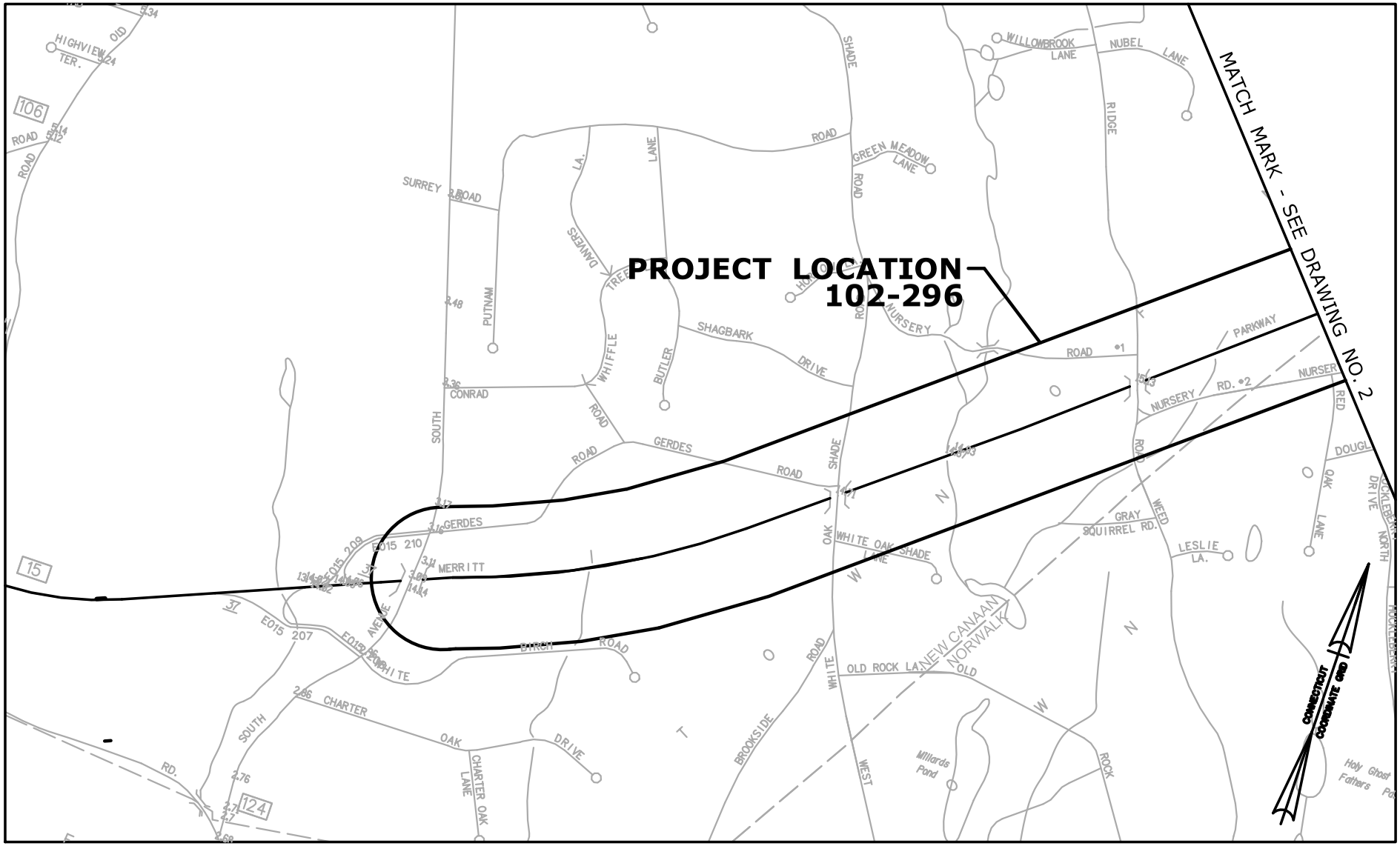
Roadway improvements include the following: widening the existing shoulders to 8-feet (4-foot paved shoulder and 4-foot reinforced grass shoulder); replacing the existing variety of guiderail with Merritt Parkway Guide Rail (steel backed timber railing); correcting existing cross slopes of the roadway to meet standards; removing rock ledges and other fixed objects within the recommended clear zone or protecting it with Merritt Parkway Guide Rail or Merritt Parkway Concrete Barrier; installing a slip lined concrete curb and gutter system along the median for drainage and delineation purposes; limited full-depth pavement replacement under bridges and patching of other deteriorated areas; resurfacing of the roadway; installing new drainage; installing Merritt Parkway Median Barrier in areas where the width of the roadway is limited.

The bridges within the project limits will require minor cosmetic work (various parapet work, graffiti removal, surface and crack repairs to concrete, fencing, overlay, etc). Some bridges may require

major work including removing the material on top of the bridge to expose the concrete arch or frame; repairing any deteriorated sections; applying a waterproofing membrane; re-establishing the roadway to its original profile; performing any necessary underside repairs; and finally cleaning the bridge. Bridge plans, specifications, and estimates will be prepared by the Office of Bridge Design.

Project Schedule 102-368		Funding	
FDP	6/17/2020	80% Federal 20% State	
Start Construction	Spring 2021	Construction Estimate:	$44,000,000

Project Schedule 102-296		Funding	
FDP	Summer 2022	80% Federal 20% State	
Start Construction	Spring 2023	Construction Estimate:	$53,000,000



SCALE IN FEET

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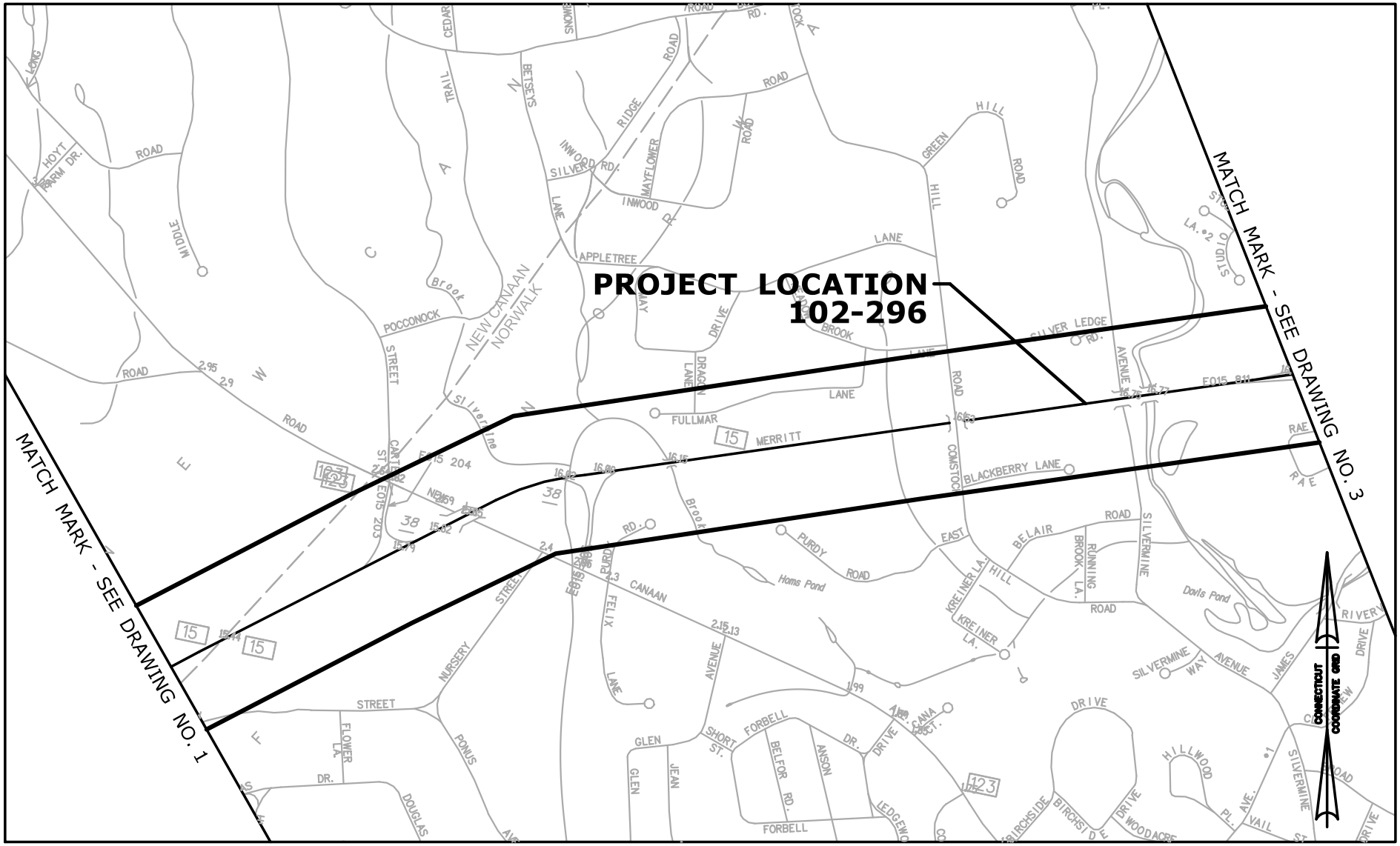
STATE PROJECT NO.: 102-296 & 102-368 CITY/TOWN: NEW CANAAN, NORWALK & WESTPORT	STATE OF CONNECTICUT DEPARTMENT OF TRANSPORTATION MERRITT PARKWAY (ROUTE 15) SAFETY IMPROVEMENTS RESURFACING, ENHANCEMENTS AND BRIDGE IMPROVEMENTS	OFFICE OF ENGINEERING	DATE: 02/02/17 DRAWING NO. 1 OF 4



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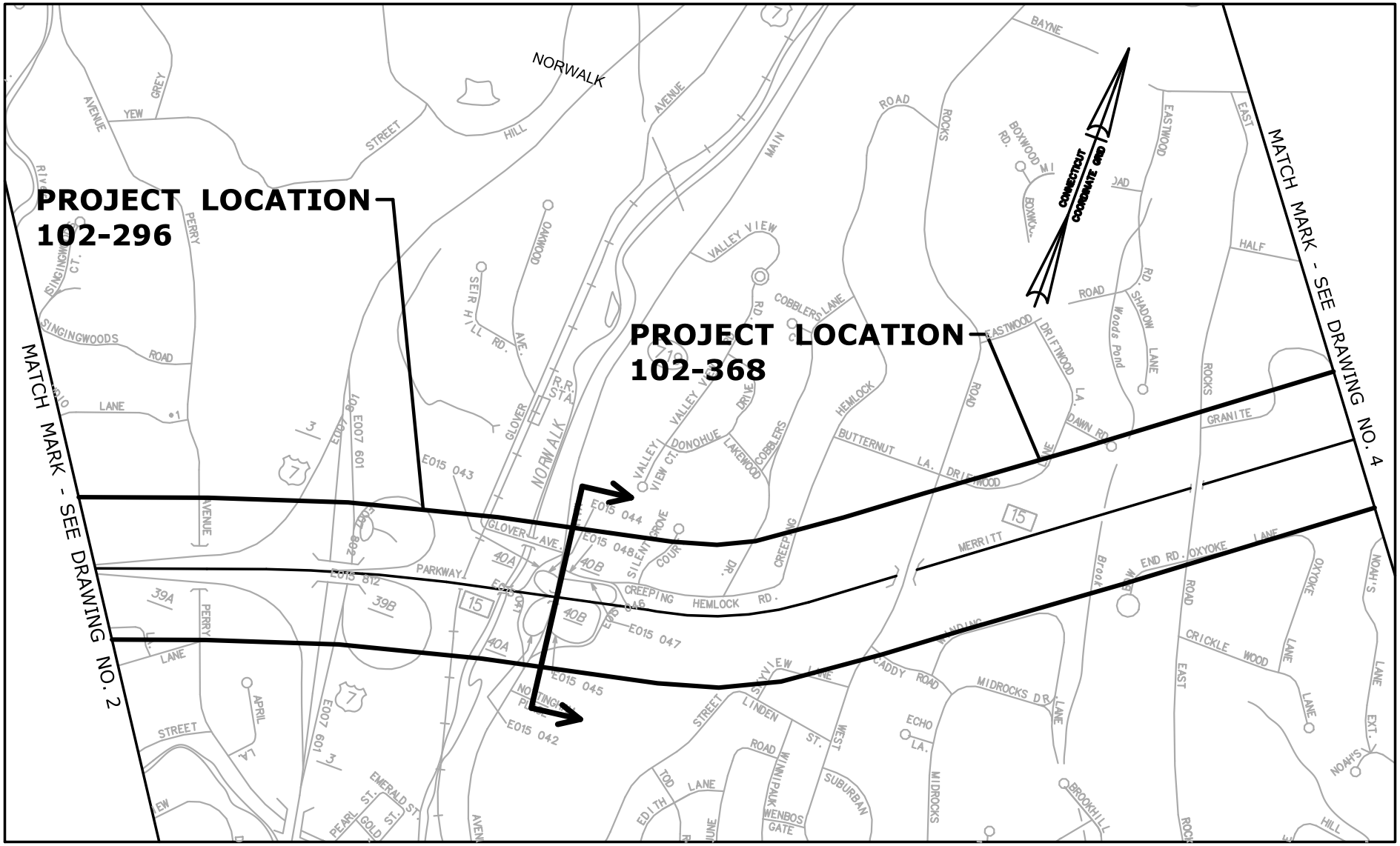
STATE PROJECT NO.: 102-296 & 102-368 CITY/TOWN: NEW CANAAN, NORWALK & WESTPORT	STATE OF CONNECTICUT DEPARTMENT OF TRANSPORTATION MERRITT PARKWAY (ROUTE 15) SAFETY IMPROVEMENTS RESURFACING, ENHANCEMENTS AND BRIDGE IMPROVEMENTS	OFFICE OF ENGINEERING	DATE: 02/02/17

DRAWING NO. 2 OF 4



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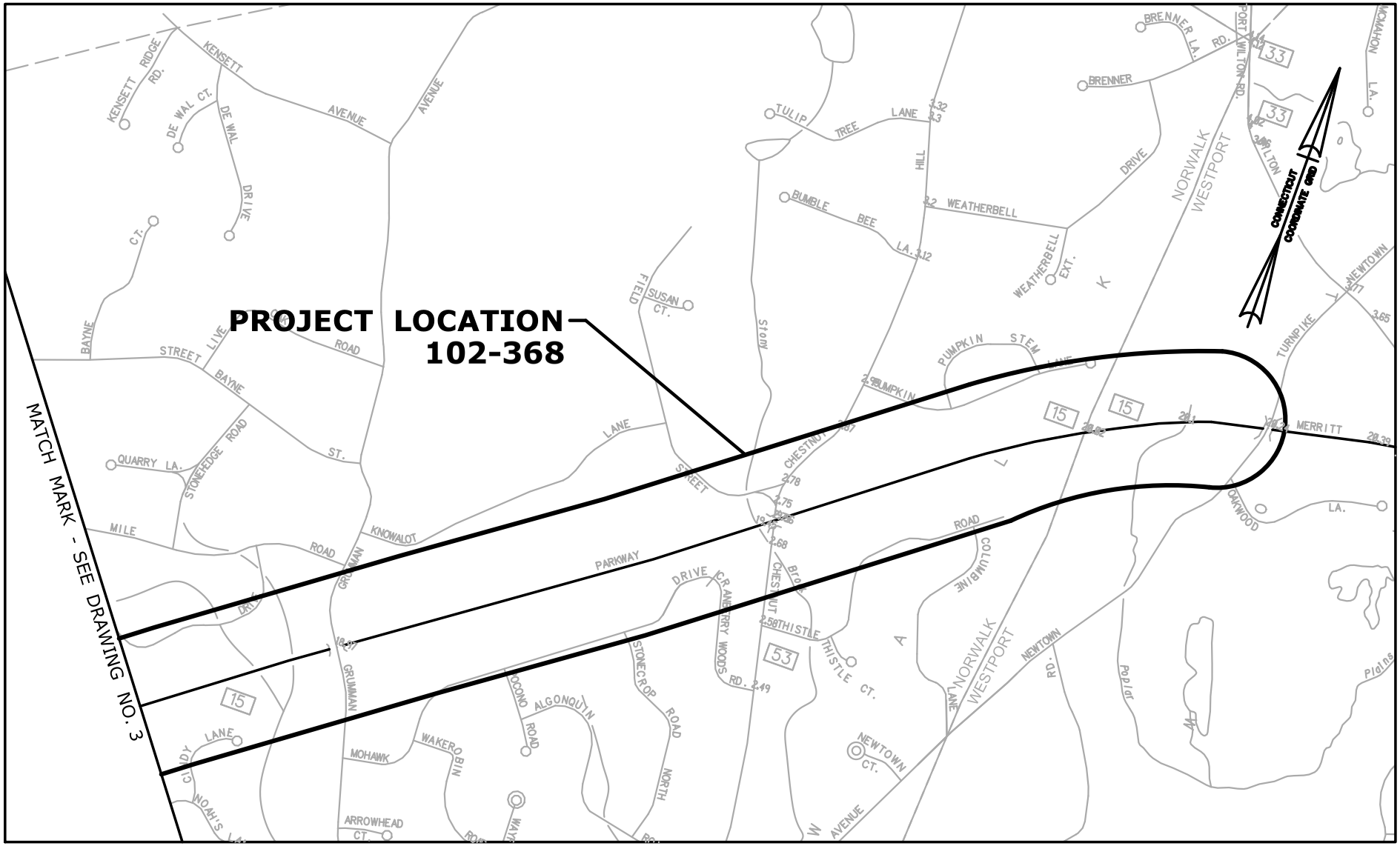
STATE PROJECT NO.: 102-296 & 102-368	STATE OF CONNECTICUT DEPARTMENT OF TRANSPORTATION MERRITT PARKWAY (ROUTE 15) SAFETY IMPROVEMENTS RESURFACING, ENHANCEMENTS AND BRIDGE IMPROVEMENTS	OFFICE OF ENGINEERING	DATE: 02/02/17
CITY/TOWN: NEW CANAAN, NORWALK & WESTPORT			DRAWING NO. 3 OF 4



SCALE IN FEET

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STATE PROJECT NO.: 102-296 & 102-368 CITY/TOWN: NEW CANAAN, NORWALK & WESTPORT	STATE OF CONNECTICUT DEPARTMENT OF TRANSPORTATION MERRITT PARKWAY (ROUTE 15) SAFETY IMPROVEMENTS RESURFACING, ENHANCEMENTS AND BRIDGE IMPROVEMENTS	OFFICE OF ENGINEERING	DATE: 02/02/17 DRAWING NO. 4 OF 4