



July 2, 2019

Gary Gardner, PE
Director of Transportation
MS Consultants, Inc.
2221 Schrock Road
Columbus, Ohio 43229
614-898-7100

Subject: Asbestos Survey of the FRA 00070 13010 R Bridge (SFN #2504766/ PID 105430) I-70 over 315 and Ramps in Franklin County, Ohio (L&A 19-0216)

Dear Mr. Gardner

On June 27, 2019, Mr. Matt Geiger, Ohio Department of Health (ODH) Certified Asbestos Hazard Evaluation Specialist (AHES OH #35832) and Mr. Jordan Mederer (AHES OH #35005) of Lawhon & Associates, Inc. (L&A) conducted an asbestos survey of the FRA 00070 13010 R Bridge (SFN #2504766/ PID 105430) I-70 over 315 and Ramps in Franklin County, Ohio. The purpose of the survey was to determine the presence of asbestos-containing materials (ACM) located on the structure.

The survey consisted of an inspection of all accessible areas of the bridge to determine the presence, location and quantities of asbestos-containing materials. Bulk samples were collected from suspect materials that could potentially be impacted during demolition/renovation work activities. All sample locations were determined at random. L&A reviewed all available bridge plans for this bridge and no mention of ACM was noted.

Suspect Materials

The materials suspected of being asbestos-containing identified during the survey are presented in Table 1 along with an indication of their friability. A bulk sample location diagram can be found in Appendix C.

Table 1: Suspected Materials

Table with 3 columns: Material, Locations, Friability. Rows include White Paint, Green Paint, Parapet Wall Expansion Joint, and Reflector Mastic.

Sample Descriptions, Locations and Results

Sample descriptions, locations, and asbestos content as determined by Polarized Light Microscopy (PLM) are presented in Table 2.

Table 2: Sample Descriptions, Locations and Results

Table with 3 columns: Sample #, Sample Description and Location, Asbestos %. Rows 1-3 describe White Paint on Concrete at different locations.

Table 2 (Continued): Sample Descriptions, Locations and Results

Sample #	Sample Description and Location	Asbestos %
4	Green Paint on Steel – West End South Side	No Asbestos Detected
5	Green Paint on Steel – West End Middle	No Asbestos Detected
6	Green Paint on Steel – West End North Side	No Asbestos Detected
7	Parapet Wall Expansion Joint – South Side	No Asbestos Detected
8	Parapet Wall Expansion Joint – South Side	No Asbestos Detected
9	Parapet Wall Expansion Joint – South Side	No Asbestos Detected
10	Reflector Mastic – South Side	1.1% Chrysotile (PC)
11	Reflector Mastic – South Side	1.3% Chrysotile (PC)
12	Reflector Mastic – South Side	1.5% Chrysotile (PC)

Materials Identified as Asbestos-Containing

Under the current EPA/NESHAP regulations, materials that contain greater than 1% asbestos are considered to be an asbestos-containing material (ACM). Three samples of the reflector mastic were found to be Asbestos Containing Material as defined by U.S. EPA/NESHAP regulations.

Any contractors disturbing this material must adhere to OSHA 29 CFR 1910 and 29 CFR 1926. The reflector mastic is white in color and adhered to the parapet walls. This material encompasses a total of 5 square feet on the North and South sides of the bridge. An Image depicting this material can be found in **Figure 4** of **Appendix B**.

Materials Assumed as Asbestos-Containing

L&A observed energized electrical components located on the bridge and did not sample these materials as part of this assessment. These materials should be assumed to contain asbestos, until further testing determines otherwise. An Image depicting the electrical boxes can be found in **Figure 8** of **Appendix B**.

The following is a list of materials assumed to contain asbestos because sampling could not be conducted at the time of assessment:

Table 3: Assumed Asbestos Containing Materials

Material	Location	Quantity
Electrical Components (1)	Throughout	15 square feet

Notes: (1) Category II Non-Friable

Attachments

Appendix A contains the laboratory results and chain-of-custody documentation for the bulk asbestos samples collected.

Appendix B contains the Ohio Environmental Protection Agency certifications for Mr. Matt Geiger and Mr. Jordan Mederer.

Appendix C contains the Bulk Sample Location Diagram.

Appendix D contains the Ohio Environmental Protection Agency Notification of Demolition and Renovation.

Summary

On June 27, 2019, Mr. Matt Geiger, Ohio Department of Health (ODH) Certified Asbestos Hazard Evaluation Specialist (AHES OH #35832) and Mr. Jordan Mederer (AHES OH#35005) of Lawhon & Associates, Inc. (L&A) conducted an asbestos survey of the FRA 00070 13010 R Bridge (SFN #2504766/ PID 105430) I-70 over 315 and Ramps in Franklin County, Ohio. The purpose of the survey was to determine the presence of asbestos-containing materials (ACM) located on the structure. Asbestos Containing Materials (ACM) were identified in the course of the survey. Three samples of the reflector caulking were found to be Asbestos Containing Material as defined by U.S. EPA/NESHAP regulations. Additionally, asbestos-containing electrical components were assumed as part of this survey, because sampling could not be conducted at the time of assessment. Any contractors disturbing these materials must adhere to OSHA 29 CFR 1910 and 29 CFR 1926.

If you have any questions, please contact Jordan Mederer at (614) 481-8600.

Sincerely,



Matt Geiger, AHES 35832
Project Manager



Jordan Mederer, AHES 35005
HBM Department Manager

APPENDIX A
ASBESTOS SAMPLE RESULTS AND
CHAIN OF CUSTODY INFORMATION

CERTIFICATE OF ANALYSIS

Client: Lawhon & Associates Inc.
1441 King Avenue
Columbus OH 43212

Report Date: 7/1/2019
Report No.: 593685 - PLM
Project: Fra 00070 13010 R
Project No.: 19-0216

Client: LAW411

PLM BULK SAMPLE ANALYSIS SUMMARY

Lab No.: 6822470	Analyst Observation: Grey Paint	Location: South Side West End
Client No.: 1	Client Description: White Paint On Concrete	Facility:
<u>Percent Asbestos:</u> <i>None Detected</i>	<u>Percent Non-Asbestos Fibrous Material:</u> None Detected	<u>Percent Non-Fibrous Material:</u> 100

Lab No.: 6822471	Analyst Observation: Grey Paint	Location: Middle West End
Client No.: 2	Client Description: White Paint On Concrete	Facility:
<u>Percent Asbestos:</u> <i>None Detected</i>	<u>Percent Non-Asbestos Fibrous Material:</u> None Detected	<u>Percent Non-Fibrous Material:</u> 100

Lab No.: 6822472	Analyst Observation: Grey Paint	Location: North Side West End
Client No.: 3	Client Description: White Paint On Concrete	Facility:
<u>Percent Asbestos:</u> <i>None Detected</i>	<u>Percent Non-Asbestos Fibrous Material:</u> None Detected	<u>Percent Non-Fibrous Material:</u> 100

Lab No.: 6822473	Analyst Observation: Green/White Paint	Location: South Side West End
Client No.: 4	Client Description: Green Paint On Steel	Facility:
<u>Percent Asbestos:</u> <i>None Detected</i>	<u>Percent Non-Asbestos Fibrous Material:</u> None Detected	<u>Percent Non-Fibrous Material:</u> 100

Lab No.: 6822474	Analyst Observation: Green/White Paint	Location: Middle West End
Client No.: 5	Client Description: Green Paint On Steel	Facility:
<u>Percent Asbestos:</u> <i>None Detected</i>	<u>Percent Non-Asbestos Fibrous Material:</u> None Detected	<u>Percent Non-Fibrous Material:</u> 100

Lab No.: 6822475	Analyst Observation: Green/White Paint	Location: North Side West End
Client No.: 6	Client Description: Green Paint On Steel	Facility:
<u>Percent Asbestos:</u> <i>None Detected</i>	<u>Percent Non-Asbestos Fibrous Material:</u> None Detected	<u>Percent Non-Fibrous Material:</u> 100

Please refer to the Appendix of this report for further information regarding your analysis.

Date Received: 7/1/2019
Date Analyzed: 07/01/2019
Signature: *Rebecca Hargrove*
Analyst: Rebecca Hargrove

Approved By: *Frank E. Ehrenfeld, III*
Frank E. Ehrenfeld, III
Laboratory Director

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PLM BULK SAMPLE ANALYSIS SUMMARY

Lab No.: 6822476 **Analyst Observation:** Grey/Brown Expansion Joint **Location:** South Side
Client No.: 7 **Client Description:** Parapet Wall Expansion Joint **Facility:**
Percent Asbestos: Percent Non-Asbestos Fibrous Material: Percent Non-Fibrous Material:
None Detected None Detected 100

Lab No.: 6822477 **Analyst Observation:** Grey/Brown Expansion Joint **Location:** South Side
Client No.: 8 **Client Description:** Parapet Wall Expansion Joint **Facility:**
Percent Asbestos: Percent Non-Asbestos Fibrous Material: Percent Non-Fibrous Material:
None Detected None Detected 100

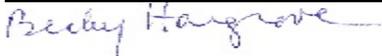
Lab No.: 6822478 **Analyst Observation:** Grey/Brown Expansion Joint **Location:** South Side
Client No.: 9 **Client Description:** Parapet Wall Expansion Joint **Facility:**
Percent Asbestos: Percent Non-Asbestos Fibrous Material: Percent Non-Fibrous Material:
None Detected None Detected 100

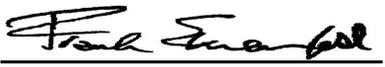
Lab No.: 6822479 **Analyst Observation:** White Mastic **Location:** South Side
Client No.: 10 **Client Description:** Reflector Mastic **Facility:**
Percent Asbestos: Percent Non-Asbestos Fibrous Material: Percent Non-Fibrous Material:
PC 1.1 Chrysotile None Detected 98.9

Lab No.: 6822480 **Analyst Observation:** White Mastic **Location:** South Side
Client No.: 11 **Client Description:** Reflector Mastic **Facility:**
Percent Asbestos: Percent Non-Asbestos Fibrous Material: Percent Non-Fibrous Material:
PC 1.3 Chrysotile None Detected 98.7

Lab No.: 6822481 **Analyst Observation:** White Mastic **Location:** South Side
Client No.: 12 **Client Description:** Reflector Mastic **Facility:**
Percent Asbestos: Percent Non-Asbestos Fibrous Material: Percent Non-Fibrous Material:
PC 1.5 Chrysotile None Detected 98.5

Please refer to the Appendix of this report for further information regarding your analysis.

Date Received: 7/1/2019
Date Analyzed: 07/01/2019
Signature: 
Analyst: Rebecca Hargrove

Approved By: 
Frank E. Ehrenfeld, III
Laboratory Director

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Appendix to Analytical Report

Customer Contact:

Method: 40 CFR Appendix E to Subpart E of Part 763, interim method for the Determination of Asbestos in Bulk Insulation Samples, and USEPA 600, R93-116 as needed.

This appendix seeks to promote greater understanding of any observations, exceptions, special instructions, or circumstances that the laboratory needs to communicate to the client concerning the above samples. The information below is used to help promote your ability to make the most informed decisions for you and your customers. Please note the following points of contact for any questions you may have.

iATL Customer Service: customerservice@iatl.com

iATL Office Manager: wchampion@iatl.com

iATL Account Representative: Shirley Clark

Sample Login Notes: See Batch Sheet Attached

Sample Matrix: Bulk Building Materials

Exceptions Noted: See Following Pages

General Terms, Warrants, Limits, Qualifiers:

General information about iATL capabilities and client/laboratory relationships and responsibilities are spelled out in iATL policies that are listed at www.iATL.com and in our Quality Assurance Manual per ISO 17025 standard requirements. The information therein is a representation of iATL definitions and policies for turnaround times, sample submittal, collection media, blank definitions, quantification issues and limit of detection, analytical methods and procedures, sub-contracting policies, results reporting options, fees, terms, and discounts, confidentiality, sample archival and disposal, and data interpretation.

iATL warrants the test results to be of a precision normal for the type and methodology employed for each sample submitted. iATL disclaims any other warrants, expressed or implied, including warranty of fitness for a particular purpose and warranty of merchantability. iATL accepts no legal responsibility for the purpose for which the client uses test results. Any analytical work performed must be governed by our Standard Terms and Conditions. Prices, methods and detection limits may be changed without notification. Please contact your Customer Service Representative for the most current information.

This confidential report relates only to those item(s) tested and does not represent an endorsement by NIST-NVLAP, AIHA LAP LLC, or any agency of local, state or province governments nor of any agency of the U.S. government.

This report shall not be reproduced except in full, without written approval of the laboratory.

Information Pertinent to this Report:

Analysis by US EPA 600 93-116: Determination of Asbestos in Bulk Building Materials by Polarized Light Microscopy (PLM).

Certifications:

- NIST-NVLAP No. 101165-0
- NYSDOH-ELAP No. 11021
- AIHA-LAP, LLC No. 100188

Quantification at <0.25% by volume is possible with this method. (PC) Indicates Stratified Point Count Method performed. (PC-Trace) means that asbestos was detected but is not quantifiable under the Point Counting regimen. PC Trace represents a <0.25% amount. Analysis includes all distinct separable layers in accordance with EPA 600 Method. If not reported or otherwise noted, layer is either not present or the client has specifically requested that it not be analyzed (ex. analyze until positive instructions). Small asbestos fibers may be missed by PLM due to resolution limitations of the optical microscope. Therefore, PLM is not consistently reliable in detecting asbestos in non-friable organically bound (NOB) materials. Quantitative transmission electron microscopy (TEM) is currently the only method that can pronounce materials as non-asbestos containing.

Analytical Methodology Alternatives: Your initial request for analysis may not have accounted for recent advances in regulatory requirements or advances in technology that are routinely used in similar situations for other qualified projects. You may have the option to explore additional analysis for further information. Below are a few options, listed as the matrix followed by the appropriate methodology. Also included are links to more information on our website.

Bulk Building Materials that are Non-Friable Organically Bound (NOB) by Gravimetric Reduction techniques employing PLM and TEM: ELAP 198.6 (PLM-NOB), ELAP 198.4 (TEM-NOB)

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Loose Fill Vermiculite Insulation, Attic Insulation, Zonolite (copyright), etc.: US EPA 600 R-4/004 (multi-tiered analytical process)
Sprayed On Insulation/Fireproofing with Vermiculite (SOF-V): ELAP 198.8 (PLM-SOF-V)

Soil, sludge, sediment, aggregate, and like materials analyzed for asbestos or other elongated mineral particles (ex. erionite, etc.): ASTM D7521, CARB 435, and other options available

Asbestos in Surface Dust according to one of ASTM's Methods (very dependent on sampling collection technique – by TEM): ASTM D 5755, D5756, or D6480

Various other asbestos matrices (air, water, etc.) and analytical methods are available.

Disclaimers / Qualifiers:

There may be some samples in this project that have a "NOTE:" associated with a sample result. We use added disclaimers or qualifiers to inform the client about something that requires further explanation. Here is a list with highlighted disclaimers that may be pertinent to this project. For a full explanation of these and other disclaimers, please inquire at customerservice@iatl.com.

- 1) Note: No mastic provided for analysis.
- 2) Note: Insufficient mastic provided for analysis.
- 3) Note: Insufficient material provided for analysis.
- 4) Note: Insufficient sample provided for QC reanalysis.
- 5) Note: Different material than indicated on Sample Log / Description.
- 6) Note: Sample not submitted.
- 7) Note: Attached to asbestos containing material.
- 8) Note: Received wet.
- 9) Note: Possible surface contamination.
- 10) Note: Not building material. 1% threshold may not apply.
- 11) Note: Recommend TEM-NOB analysis as per EPA recommendations.
- 12) Note: Asbestos detected but not quantifiable.
- 13) Note: Multiple identical samples submitted, only one analyzed.
- 14) Note: Analyzed by EPA 600/R-93/116. Point Counting detection limit at 0.080%.
- 15) Note: Analyzed by EPA 600/R-93/116. Point Counting detection limit at 0.125%.
- 16) Note: This sample contains >10% vermiculite mineral. See Appendix for Recommendations for Vermiculite Analysis.

Recommendations for Vermiculite Analysis:

Several analytical protocols exist for the analysis of asbestos in vermiculite. These analytical approaches vary depending upon the nature of the vermiculite mineral being tested (e.g. un-processed gange, homogeneous exfoliated books of mica, or mixed mineral composites). Please contact your client representative for pricing and turnaround time options available.

iATL recommends initial testing using the EPA 600/R-93/116 method. This method is specifically designed for the analysis of asbestos in bulk building materials. It provides an acceptable starting point for primary screening of vermiculite for possible asbestos.

Results from this testing may be inconclusive. EPA suggests proceeding to a multi-tiered analysis involving wet separation techniques in conjunction with PLM and TEM gravimetric analysis (EPA 600/R-04/004).

For New York State customers, NYSDOH requires disclaimers and qualifiers for various vermiculite containing samples that direct analysis via ELAP198.6 and ELAP198.8 for samples that contain >10% vermiculite mineral where ELAP198.6 may be used to evaluate the asbestos content of the material. However, any test result using ELAP198.6 will be reported with the following disclaimer: "ELAP198.6 method does not remove vermiculite and may underestimate the level of asbestos present in a sample containing >10% vermiculite."

Further information on this method and other vermiculite and asbestos issues can be found at the following: Agency for Toxic Substances and Disease Registry (ATSDR) www.atsdr.cdc.gov, United States Geological Survey (USGS) www.minerals.usgs.gov/minerals/, US EPA www.epa.gov/asbestos. The USEPA also has an informative brochure "Current Best Practices for Vermiculite Attic Insulation" EPA 747F03001 May 2003, that may assist the health and remediation professional.

The following is a summary of the analytical process outlines in the EPA 600/R-04/004 Method:

1) **Analytical Step/Method:** Initial Screening by PLM, EPA 600R-93/116
Requirements/Comments: Minimum of 0.1 g of sample. ~0.25% LOQ for most samples.

2) **Analytical Step/Method:** Wet Separation by PLM Gravimetric Technique, EPA R-04/004
Requirements/Comments: Minimum 50g** of dry sample. Analysis of "Sinks" only.

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Project: Fra 00070 13010 R
Project No.: 19-0216

Client: LAW411

3)**Analytical Step/Method:** Wet Separation by PLM Gravimetric Technique, EPA R-04/004
Requirements/Comments: Minimum 50g** of dry sample. Analysis of "Floats" only.

4)**Analytical Step/Method:** Wet Separation by TEM Gravimetric Technique, EPA R-04/004
Requirements/Comments: Minimum 50g** of dry sample. Analysis of "Sinks" only.

5)**Analytical Step/Method:** Wet Separation by TEM Gravimetric Technique, EPA R-04/004
Requirements/Comments: Minimum 50g** of dry sample. Analysis of "Suspension" only.

LOQ, Limit of Quantitation estimates for mass and volume analyses.

*With advance notice and confirmation by the laboratory.

**Approximately 1 Liter of sample in double-bagged container (~9x6 inch bag of sample).

APPENDIX B
OHIO DEPARTMENT OF HEALTH CERTIFICATION

The InService Training Network

Asbestos Building Inspector and Management Planner Refresher Courses



Matthew Geiger

has successfully completed the Asbestos Building Inspector and Management Planner Refresher Courses and passed by at least 70% the course examinations for accreditation under Section 206 of the Toxic Substance Control Act, Title II, and Indiana 326 IAC 18-2
Provided by: The InService Training Network, Inc., 6813 Flagg Center, Columbus, OH 43229 (614) 895-9323

Course Dates: July 18, 2018

Examination Date: July 18, 2018

Course Director: _____

Kurt Varga

Course Location: Columbus, Ohio

Expiration Date: July 18, 2019

Certificate Numbers: ITNIR-6434 & ITNMPR-6434



John R. Kasich, Governor
Mary Taylor, Lt. Governor
Craig W. Butler, Director

September 05, 2018

Matthew A Geiger
Lawhon & Associates, Inc
1441 King Ave
Columbus OH 43212

RE: Asbestos Hazard Evaluation Specialist
Certification Number: ES35832
Expiration Date: 10/14/2019

Dear Matthew A Geiger:

This letter and enclosed certification card approves your request to be certified as an Asbestos Hazard Evaluation Specialist. You must present your card upon request at any project site while performing duties. Copies of cards are not acceptable as proof of certification.

This certification may be revoked by the Director of the Environmental Protection Agency for violation of any of the requirements of 3745-22 or 3745-20 of the Ohio Administrative Code.

If you have any questions, please call 614-644-0226.

Sincerely,

Mark Needham
Manager, Asbestos Program
Division of Air Pollution Control



The InService Training Network

Asbestos Building Inspector and Management Planner Refresher Courses



Jordan Mederer

has successfully completed the Asbestos Building Inspector and Management Planner Refresher Courses and passed by at least 70% the course examinations for accreditation under Section 206 of the Toxic Substance Control Act, Title II, and Indiana 326 IAC 18-2
Provided by: The InService Training Network, Inc., 705D Lakeview Plaza Blvd, Worthington, OH 43085 (614) 436-0980

Course Dates: June 19, 2019

Course Director: _____

Kurt Varga

Expiration Date: June 19, 2020

Examination Date: June 19, 2019

Course Location: Worthington, Ohio

Certificate Numbers: ITNIR-6666 & ITNMPR-6666

ITN

ITN



John R. Kasich, Governor
Mary Taylor, Lt. Governor
Craig W. Butler, Director

July 06, 2018

Jordan R Mederer
Lawhon & Associates Inc
1441 King Avenue
Columbus OH 43212

RE: Asbestos Hazard Evaluation Specialist
Certification Number: ES35005
Expiration Date: 08/08/2019

Dear Jordan R Mederer:

This letter and enclosed certification card approves your request to be certified as an Asbestos Hazard Evaluation Specialist. You must present your card upon request at any project site while performing duties. Copies of cards are not acceptable as proof of certification.

This certification may be revoked by the Director of the Environmental Protection Agency for violation of any of the requirements of 3745-22 or 3745-20 of the Ohio Administrative Code.

If you have any questions, please call 614-644-0226.

Sincerely,

Mark Needham
Manager, Asbestos Program
Division of Air Pollution Control



Asbestos Hazard Evaluation Specialist



Jordan R Mederer
Lawhon & Associates Inc
1441 King Avenue
Columbus OH 43212



Certification Number **Expiration Date**
ES35005 **08/08/2019**

50 West Town Street • Suite 700 • P.O. Box 1049 • Colum
epa.ohio.gov • (614) 644-3020 • (614) 644-31

DOB: 10/23/1983

This certification is issued pursuant to Revised Code Chapter 3710 and Administrative Code Chapter 3745-22.

This card is not valid if altered.

Appendix C
BULK SAMPLE LOCATION DIAGRAM

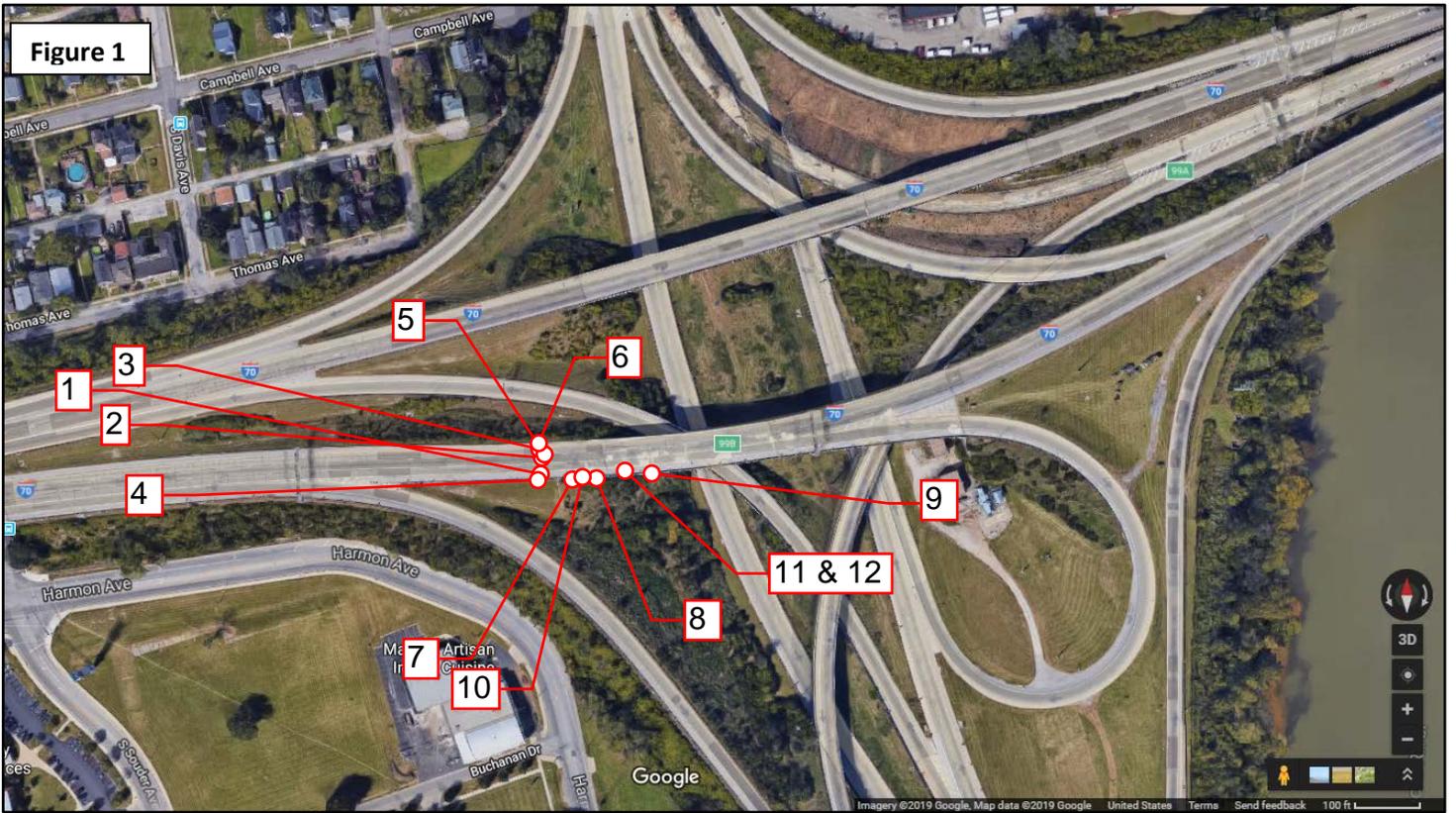


Figure 1



Figure 2: Representative View Below Deck East End



Figure 3: Representative View Below Deck Facing West Abutment



Figure 4: Representative View of Reflector Mastic



Lawhon & Associates, Inc.
ENVIRONMENTAL CONSULTING AND ENGINEERING SERVICES

Columbus
 Cleveland
 Dayton

Bulk Sample Diagram

Inventory Bridge Number: FRA 00070 13010 R
Structure File Number: 2504766
Date Sampled: June 28, 2019
Surveyors: Matt Geiger, AHES 35832
 Jordan Mederer, AHES 35005

Signature:


Page 1 of 2

1441 King Avenue | Columbus, Ohio 43212 | P: 614.481.8600 | F: 614.481.8610 | www.lawhon-assoc.com



Figure 5: Representative View of I-70 Over 315 and Ramps Facing South



Figure 6: Representative View Above Deck

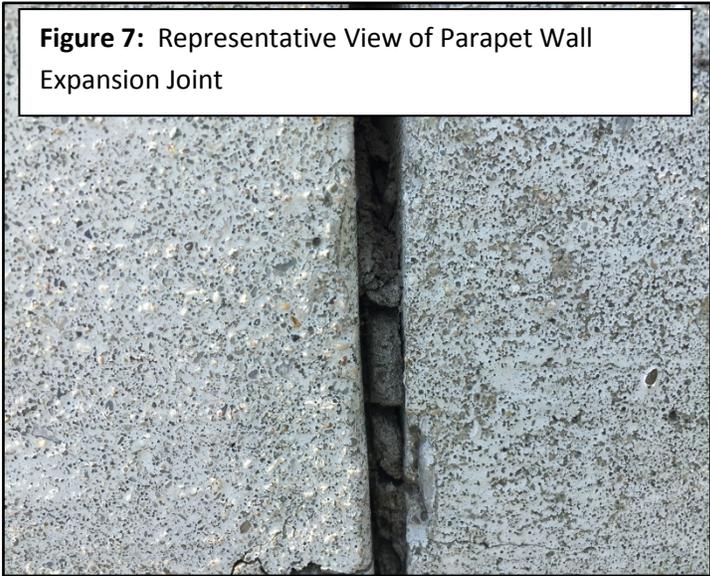


Figure 7: Representative View of Parapet Wall Expansion Joint

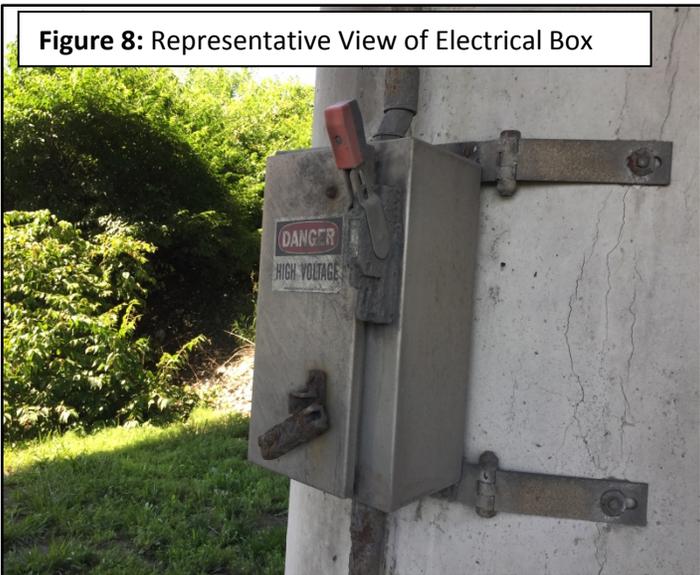


Figure 8: Representative View of Electrical Box



Lawhon & Associates, Inc.
ENVIRONMENTAL CONSULTING AND ENGINEERING SERVICES

Columbus
Cleveland
Dayton

Bulk Sample Diagram

Inventory Bridge Number: FRA 00070 13010 R
Structure File Number: 2504766
Date Sampled: June 28, 2019
Surveyors: Matt Geiger, AHES 35832
 Jordan Mederer, AHES 35005

Signature:


Page 2 of 2

1441 King Avenue | Columbus, Ohio 43212 | P: 614.481.8600 | F: 614.481.8610 | www.lawhon-assoc.com

Appendix D
OHIO ENVIRONMENTAL PROTECTION AGENCY
NOTICE OF DEMOLITION AND RENOVATION



Notification of Demolition and Renovation/Abatement

Section 1: General Information

Division of Air Pollution Control

Work on projects cannot begin until 10 working days after a COMPLETE original notification form, **including payment**, is submitted to Ohio EPA. Instructions and a worksheet for fee calculation are available at epa.ohio.gov/asbestos. This form can be completed, and payment made, at ebiz.epa.ohio.gov. Questions? asbestos@epa.ohio.gov or (614) 466-0061.

Ohio EPA Use Only	Notification #:	Postmarked: / /	Received: / /	<input type="checkbox"/> Hand-Delivered
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1) Notification Information (Check all that apply)

<input checked="" type="checkbox"/> Original	<input type="checkbox"/> Revision # (count):	<input type="checkbox"/> Installation	<input type="checkbox"/> Emergency	<input type="checkbox"/> Annual	<input type="checkbox"/> Cancellation	County: Franklin
--	--	---------------------------------------	------------------------------------	---------------------------------	---------------------------------------	------------------

2) Owner, Asbestos Abatement Contractor, Billing and Fire Department Information

Revised?

Owner		
Name: ODOT District 6		Is this a company? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
Address: 400 E. William Street		Contact Person: Leslie Montgomery
City: Delaware	State: Ohio	Zip: 43015 -
Email:	Phone: (740) 833 - 8269	Fax: (740) 833 - 8100
Asbestos Abatement Contractor (if applicable)		
Name:		License #: AC Expiration Date: / /
Address:		Contact Person:
City:	State:	Zip: -
Email:	Phone: () -	Fax: () -
Billing Contact		
Is this contact associated with the <input type="checkbox"/> Owner, <input type="checkbox"/> Asbestos Abatement Contractor, or <input type="checkbox"/> Demolition Contractor (if not installation)?		
Address:		Contact Person:
City:	State:	Zip: -
Email:	Phone: () -	Fax: () -
Fire Department (if applicable)		
Name:		
Address:		Contact Person:
City:	State:	Zip: -
Email:	Phone: () -	Fax: () -

3) Ohio Asbestos Hazard Evaluation Specialist and Evaluation Procedure

Revised?

Evaluation Specialist: Matt Geiger	Certification #: ES 35832	Expiration Date: 10 / 14 / 2018
Procedure, including analytical methods, employed to detect the presence of and to estimate the quantity of regulated asbestos-containing material (RACM) and Category I and Category II non-friable asbestos-containing material: <input checked="" type="checkbox"/> PLM <input type="checkbox"/> Point Count <input type="checkbox"/> TEM <input type="checkbox"/> Other Method (Explain Below):		

4) Procedures to be followed should unexpected RACM be discovered (check all that apply)

Revised?

<input checked="" type="checkbox"/> Stop work and keep wet	<input checked="" type="checkbox"/> Evacuate area	<input checked="" type="checkbox"/> Demarcate area	<input checked="" type="checkbox"/> Contact licensed abatement contractor
<input checked="" type="checkbox"/> Contact district office/local air authority			
<input type="checkbox"/> Other (Explain):			

5) Planned Demolition (check all that apply)

Revised?

Describe demolition work to be performed and method(s) to be employed, including demolition techniques to be used: <input type="checkbox"/> Implosion <input type="checkbox"/> Fire Training <input type="checkbox"/> Wet Methods <input type="checkbox"/> Manual Demolition <input type="checkbox"/> Mechanical Demolition <input type="checkbox"/> Other (Explain):	
Description of affected facility components (include attachment if necessary):	

Notification of Demolition and Renovation/Abatement

Section 1: General Information

Continued

Mail completed form and payment to:
Ohio EPA, DAPC – Asbestos
50 W. Town St., 7th Floor or P.O. Box 1049
Columbus, OH 43216-1049

6) Asbestos Description and Engineering Controls (if asbestos is being abated) Revised?

For the material listed in each project, describe the type(s) of ACM to be abated, engineering controls and work practices to be used to minimize emissions and ensure proper waste handling:

Type of ACM to be abated:	<input type="checkbox"/> Surfacing	<input type="checkbox"/> Mechanical	<input type="checkbox"/> Other		
Engineering Controls:	<input type="checkbox"/> Wet Methods	<input type="checkbox"/> Glove Bag	<input type="checkbox"/> NPE	<input type="checkbox"/> AFD	<input type="checkbox"/> Other:
Work Practices:	<input type="checkbox"/> Intact Removal	<input type="checkbox"/> Manual	<input type="checkbox"/> Mechanical	<input type="checkbox"/> Other:	

7) Asbestos Waste Transporter (if applicable) Revised?

Transporter #1 Name:					
Address:			Contact Person:		
City:	State:		Zip:		-
Email:	Phone: () -		Fax: () -		
Transporter #2 Name (if applicable):					
Address:			Contact Person:		
City:	State:		Zip:		-
Email:	Phone: () -		Fax: () -		

8) Asbestos Waste Disposal Site (if applicable) Revised?

Name:					
Address:			Contact Person:		
City:	State:		Zip:		-
Email:	Phone: () -		Fax: () -		

9) Emergency Demolition (complete if you checked "Emergency" above and "Demolition" for any project) Revised?

A copy of the issued order, including the following information, **must be attached** to this notification.

Government Official Issuing Order:	Title:
Agency:	Authority of Order (Citation of Code):
Date of Order: / /	Demolition Date: / /

10) Emergency Renovation/Abatement (complete if you checked "Emergency" above and "Renovation/Abatement" for any project) Revised?

Date of Emergency: / /	Time of Emergency: : <input type="checkbox"/> a.m. <input type="checkbox"/> p.m.
Description of Sudden, Unexpected Event:	
Explanation of how the event caused unsafe conditions or equipment damage:	

11) Attestation Revised?

In accordance with Ohio Administrative Code rule 3745-20-03(A)(4)(p), I certify that at least one person trained as required by paragraph (B) of rule 3745-20-04 of the Administrative Code will supervise the stripping and removal described by this notification. I acknowledge that the submission of false or misleading statements is prohibited by law and I certify that facts contained in this notification are true, accurate, and complete.

Signature:	Date: / /
Name:	Title:
Organization:	



Notification of Demolition and Renovation/Abatement

Section 2: Project Address Specific Information

Division of Air Pollution Control

Please complete Section 2 for the address included with this notification. If the project is an "Installation" per OAC 3745-20, complete a separate Section 2 page for each address associated with this notification.

Ohio EPA Use Only	Project ID #: _____
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A. Facility Description Revised?

Building Name (if applicable): FRA 00070 13010 R		Site Location (specific): 1.03 Mi E Of Us62	
Address: 39°57'00.91"N 83°01'03.23"W		County: Franklin	
City: Columbus	State: OH	Zip: 43223 -	
Building Size (square feet): 30215	No. of Floors:	Age: 44	
Present Use: Bridge		Prior Use:	

B. Type of Operation (check all that apply) Revised?

<input type="checkbox"/> Demolition	<input checked="" type="checkbox"/> Renovation/Abatement – Type: <input checked="" type="checkbox"/> Removal <input type="checkbox"/> Repair <input type="checkbox"/> Encapsulation <input type="checkbox"/> Enclosure
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C. Asbestos Present (check one) Revised?

<input checked="" type="checkbox"/> Yes	<input type="checkbox"/> No	<input type="checkbox"/> No, previously abated	Year Abated: _____
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D. Approximate Amount of Asbestos-Containing Materials (complete table below and Section 1 #6 if asbestos is present) Revised?

	Material to be Removed				Material NOT to be Removed	
	RACM	Non-friable Asbestos-Containing Material		Non-friable Asbestos-Containing Material		
		Category I	Category II	Category I	Category II	
Pipes (linear feet)						
Surface area on other facility components (ft ²)			20			
Volume if length or area cannot be measured (ft ³)						

E. Asbestos Abatement Schedule and Abatement Specialist (original notification is required 10 working days prior to the start of work) Revised?

Setup Date: / /			Abatement Date: / /			Complete Date: / /	
(Shift 1) Time start/end on site	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday	Sunday
Abatement Specialist Name:			Certification #: AS			Expiration Date: / /	
(Shift 1) Time start/end on site	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday	Sunday
Abatement Specialist Name:			Certification #: AS			Expiration Date: / /	

F. Demolition Contractor (if applicable) Revised?

Name:			
Address:		Contact Person:	
City:	State:	Zip: -	
Email:	Phone: () -	Fax: () -	

G. Demolition Schedule (original notification is required 10 working days prior to the start of work) Revised?

Start Date: / /	Complete Date: / /
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H. Project Hold Revised?

Hold Begin Date: / /	Work Resume Date: / /
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