Lawhon & Associates, Inc.
ENVIRONMENTAL ENGINEERING AND CONSULTING SERVICES

Columbus
Cleveland
Cincinnati

May 6, 2025

Dave James, PE
Consultant Contract Manager
ODOT District 4
2088 S. Arlington Road,
Akron, OH 44306
(Office) (330) 786-3192

Subject: Asbestos Inspection of the MAH C0151 679 South Avenue Bridge over Interstate Route 680 (SFN 5003350 / PID 121474) in Youngstown, Ohio 44502.
L&A Project No: 24-0045 Task M

On April 21, 2025, Mr. Matt Geiger Ohio Environmental Protection Agency (OEPA) Certified Asbestos Hazard Evaluation Specialist (AHES OH #35832) and Mr. Sean Cook (OEPA AHES OH #550775) of Lawhon & Associates, Inc (L&A) conducted an asbestos survey of the MAH C0151 679 South Avenue Bridge over Interstate Route 680 (SFN 5003350 / PID 121474) in Youngstown, Ohio 44502. 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 above deck areas of the bridge to determine the presence, location, and quantities of ACM. Areas below deck were not included as part of this assessment. Bulk samples were collected from suspect materials that could potentially be impacted during demolition/renovation work activities. Energized electrical components, utility conduits, and materials encased in concrete were not sampled as part of this effort. A diagram of the bridge and asbestos bulk sampling locations can be found in Appendix B. All available bridge plans were reviewed for this bridge and no asbestos containing materials were listed. This document is not to be construed as a remediation design, and any contractors bidding on the work should conduct their own field verification of locations and quantities of any identified ACM prior to bidding.

Suspect Materials

The materials suspected of containing asbestos identified during the survey, along with an indication of their friability, are presented in Table 1.

Table 1: Suspected Materials

Material	Locations	Friability
Parapet Expansion Joint	Above Deck	Non-Friable
Vandalism Fence Post Caulk	Above Deck	Non-Friable
Preformed Expansion Caulk	Above Deck	Non-Friable

Table 1 (continued): Suspected Materials

Material	Locations	Friability
Paint on Concrete	Above Deck	Non-Friable
Rail Pad / Bolt Caulk	Above Deck	Non-Friable

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

Sample #	Sample Description and Location	Asbestos %
250421-1	Parapet Expansion Joint – North End, East Side	No Asbestos Detected
250421-2	Parapet Expansion Joint – Middle, East Side	No Asbestos Detected
250421-3	Parapet Expansion Joint – South End, West Side	No Asbestos Detected
250421-4	Vandalism Fence Post Caulk – North end, East Side	No Asbestos Detected
250421-5	Vandalism Fence Post Caulk – Middle, East Side	No Asbestos Detected
250421-6	Vandalism Fence Post Caulk – South End, East Side	No Asbestos Detected
250421-7	Preformed Expansion Joint – North End, East Side	No Asbestos Detected
250421-8	Preformed Expansion Joint – South End, East Side	No Asbestos Detected
250421-9	Preformed Expansion Joint – South End, West Side	No Asbestos Detected
250421-10	Paint on Concrete – Middle, East Side	No Asbestos Detected
250421-11	Paint on Concrete – North End, West Side	No Asbestos Detected
250421-12	Paint on Concrete – South End, West Side	No Asbestos Detected
250421-13	*Rail Pad / Bolt Caulk – North End, East Side*	*0.4% Chrysotile*
250421-14	*Rail Pad / Bolt Caulk – Middle, East Side*	*0.7% Chrysotile*
250421-15	*Rail Pad / Bolt Caulk – South End, West Side*	*0.5% Chrysotile*

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). None of the materials sampled were found to be asbestos-containing material as defined by U.S EPA/NESHAP regulations. However, three samples of the rail pad / bolt caulking were reported as containing less than 1% asbestos. This material is not regulated under U.S EPA/NESHAP regulations, however, it is regulated under OSHA. There is approximately 40 square feet of this material on the East and West sides of the bridge. A Photo depicting this material can be seen in Figures 7 and 8 in Appendix B of the Bulk Sample Diagram..

Attachments

Appendix A contains the Ohio Environmental Protection Agency Certifications for Mr. Matt Geiger and Mr. Sean Cook.

Appendix B contains the Bulk Sample Diagram.

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

Appendix D contains the partially completed Ohio Environmental Protection Agency Notification of Demolition and Renovation Form filled out per ODOT direction and guidance dated July 1, 2023. The Owner and/or selected demolition/renovation contractor is responsible for completion and submission of the final notification form.

Summary

On April 21, 2025, Mr. Matt Geiger (OEPA AHES OH #35832) and Mr. Sean Cook (OEPA AHES OH #550775) of L&A conducted an asbestos survey of the MAH C0151 679 South Avenue Bridge over Interstate Route 680 (SFN 5003350 / PID 121474) in Youngstown, Ohio 44502. The purpose of the survey was to determine the presence of asbestos-containing materials (ACM) located on the structure. This document is not to be construed as a remediation design, and any contractors bidding on the work should conduct their own field verification of locations and quantities of ACM prior to bidding. None of the materials sampled were found to be Asbestos Containing Material as defined by U.S EPA/NESHAP regulations. If you have any questions, please contact Matt Geiger at (614) 481-8600.

Sincerely,

Sean Cook

Sean Cook, AHES 550775
Environmental Technician

Matt K Geiger

Matt Geiger, AHES 35832
Sr. Project Manager

APPENDIX A
OHIO ENVIRONMENTAL PROTECTION AGENCY CERTIFICATIONS

Ohio Environmental Protection Agency

Mike DeWine, Governor
Jon Husted, Lt. Governor
Anne M. Vogel, Director

9/16/2024

Matthew Geiger
Lawhon & Associates, Inc.
1441 King Avenue
Columbus, OH 43212

RE: Evaluation Specialist
Certification Number: ES35832
Expiration Date: 10/14/2025

Dear Matthew Geiger:

This letter and enclosed certification card approves your request to be certified as an asbestos 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 Ohio Environmental Protection Agency (EPA) for violation of any of the requirements of 3745-22 or 3745-20 of the Ohio Administrative Code.

If you have any questions, please contact the Asbestos Program at 614-644-0226 or by email at asbestoslicensing@epa.ohio.gov.

Sincerely,

Brandon M. Schwendeman

Brandon Schwendeman
Manager, Business Operations Support Section
Ohio EPA - Division of Air Pollution Control

700 • P.O. Box 1049 • Columbus, OH 43216-1049
614) 644-3020 • (614) 644-3184 (fax)

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., 705D Lakeview Plaza Blvd, Worthington, OH 43085 (614) 436-0980

Course Dates: January 22, 2025

Course Director: Kurt Varga

Expiration Date: January 22, 2026

Examination Date: January 22, 2025

Course Location: Worthington, Ohio

Certificate Numbers: ITNIR7703 & ITNMPR7703

Ohio Environmental Protection Agency

Mike DeWine, Governor
Jon Husted, Lt. Governor
Anne M. Vogel, Director

9/19/2024

Sean Cook
Lawhon & Associates, Inc.
1441 King Avenue
Columbus, OH 43212

RE: Evaluation Specialist
Certification Number: ES550775
Expiration Date: 9/19/2025

Dear Sean Cook:

This letter and enclosed certification card approves your request to be certified as an asbestos 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 Ohio Environmental Protection Agency (EPA) for violation of any of the requirements of 3745-22 or 3745-20 of the Ohio Administrative Code.

If you have any questions, please contact the Asbestos Program at 614-644-0226 or by email at asbestoslicensing@epa.ohio.gov.

Sincerely,

Brandon M. Schwendeman

Brandon Schwendeman
Manager, Business Operations Support Section
Ohio EPA - Division of Air Pollution Control

TSi TRAINING SERVICES INTERNATIONAL

Asbestos Building Inspector Initial

Certificate

This is to certify

Sean Cook

XXX-XX-1856

as attended and successfully completed the Asbestos Hazard Emergency Response Act mandatory course for the Asbestos Building Inspector Initial and has passed an examination in that course with a minimum score of 70% or better. Training was in accordance with 40 CFR Part 763 (AHERA). The above student received the requisite training for asbestos accreditation under Title II of the Toxic Substances Control Act and State of Indiana requirements under 326 IAC 18-2 and Chapter 3745-22 Ohio Administrative Code.

Training Manager	Expiration Date	Date(s) of Course	Examination Date	Course Location
	9/11/2025	9/9/24 - 9/11/24	9/11/2024	Columbus, OH

33150 Lakeland Blvd.
Cleveland, OH 44095
www.TSItraining.com

Course Certificate No. **24 TSI 549161 ii**

TSi TRAINING SERVICES INTERNATIONAL

Asbestos Management Planner Initial

Certificate

This is to certify

Sean Cook

XXX-XX-1856

has attended and successfully completed the Asbestos Hazard Emergency Response Act mandatory course for the Asbestos Management Planner Initial and has passed an examination in that course with a minimum score of 70% or better. Training was in accordance with 40 CFR Part 763 (AHERA). The above student received the requisite training for asbestos accreditation under Title II of the Toxic Substances Control Act and State of Indiana requirements under 326 IAC 18-2 and Chapter 3745-22 Ohio Administrative Code.

Training Manager	Expiration Date	Date(s) of Course	Examination Date	Course Location
	9/13/2025	9/12/24 - 9/13/24	9/13/2024	Columbus, OH

33150 Lakeland Blvd.
Cleveland, OH 44095
www.TSItraining.com

Course Certificate No. **24 TSI 549167 mpi**

APPENDIX B
BULK SAMPLE DIAGRAM

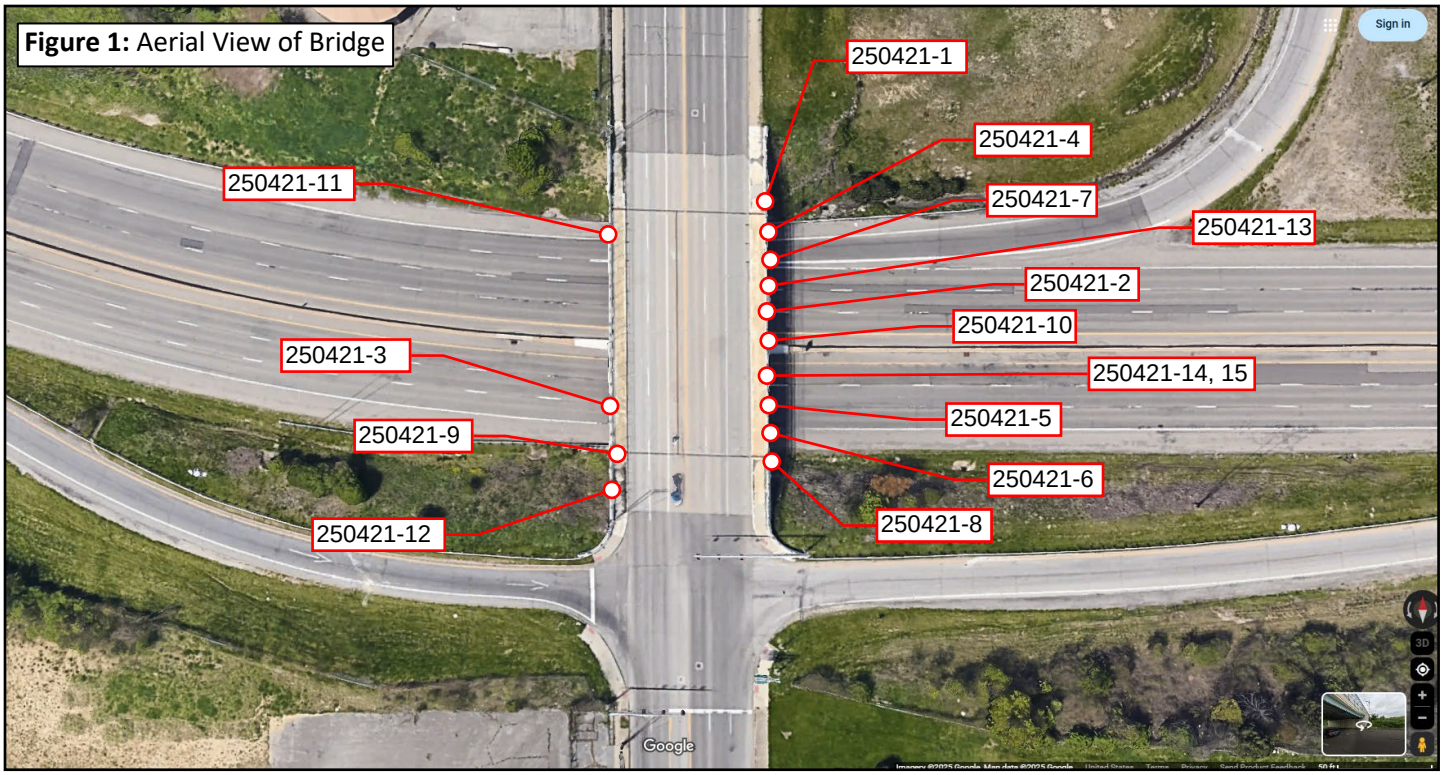

Figure 1: Aerial View of Bridge

Figure 2: View of Parapet Expansion Joint

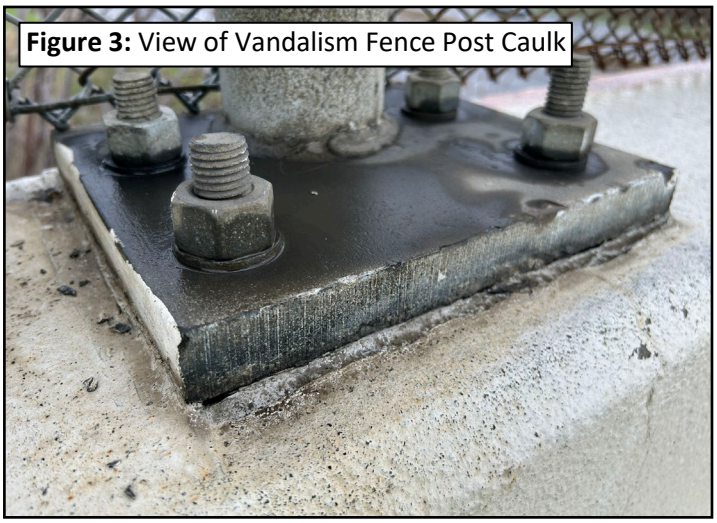

Figure 3: View of Vandalism Fence Post Caulk

Figure 4: View of Preformed Expansion Joint

Lawhon & Associates, Inc.
ENVIRONMENTAL ENGINEERING AND CONSULTING SERVICES

Columbus
Cleveland
Cincinnati

Bulk Sample Diagram

Inventory Bridge Number: MAH C0151 679
Structure File Number: 5003350
Date Sampled: April 21, 2025
Surveyors: Matt Geiger, AHES #35832
Sean Cook, AHES #550775

Signature: Sean Cook Matt Geiger

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

Figure 5: View of Bridge Facing South

Figure 6: Side View of Bridge

Figure 7: View of Rail Pad

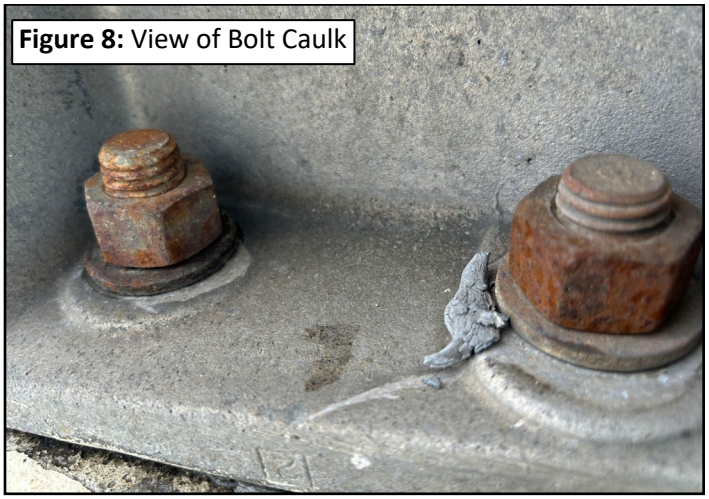

Figure 8: View of Bolt Caulk

Lawhon & Associates, Inc.
ENVIRONMENTAL ENGINEERING AND CONSULTING SERVICES

Columbus
Cleveland
Cincinnati

Bulk Sample Diagram

Inventory Bridge Number: MAH C0151 679
Structure File Number: 5003350
Date Sampled: April 21, 2025
Surveyors: Matt Geiger, AHES #35832
Sean Cook, AHES #550775

Signature: Sean Cook Matt Geiger

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

APPENDIX C
LABORATORY RESULTS AND CHAIN OF CUSTODY

SanAir Technologies Laboratory

The Identification Specialists

Analysis Report prepared for Lawhon & Associates, Inc.

Report Date: 4/24/2025

Project Name: MAH CO151 679

Project #: 24-0045 Task M

SanAir ID#: 25026741

NVLAP TESTING

NVLAP LAB CODE 600227-0

11709 Chesterdale Road, Cincinnati, Ohio 45246
888.895.1177 | 513.438.6066 | LabReports@SanAir.com | SanAir.com

SanAir ID Number
25026741
FINAL REPORT
4/24/2025 6:08:49 PM

Name: Lawhon & Associates, Inc.
Address: 1441 King Ave
Columbus, OH 43212
Phone: 614-481-8600 ext. 142

Project Number: 24-0045 Task M
P.O. Number:
Project Name: MAH CO151 679
Collected Date: 4/22/2025
Received Date: 4/24/2025 9:30:00 AM

Dear Matt Geiger,

We at SanAir would like to thank you for the work you recently submitted. The 15 sample(s) were received on Thursday, April 24, 2025 via UPS. The final report(s) is enclosed for the following sample(s): 250421-1, 250421-2, 250421-3, 250421-4, 250421-5, 250421-6, 250421-7, 250421-8, 250421-9, 250421-10, 250421-11, 250421-12, 250421-13, 250421-14, 250421-15.

These results only pertain to this job and should not be used in the interpretation of any other job. This report is only complete in its entirety. Refer to the listing below of the pages included in a complete final report.

Sincerely,

Maureen Y. Haley
Asbestos Laboratory Manager
SanAir Technologies Laboratory

Final Report Includes:
- Cover Letter
- Analysis Pages
- Disclaimers and Additional Information

Sample conditions:
- 15 samples in Good condition.

SanAir Technologies Laboratory

SanAir ID Number
25026741
FINAL REPORT
4/24/2025 6:08:49 PM

Name: Lawhon & Associates, Inc.
Address: 1441 King Ave
Columbus, OH 43212
Phone: 614-481-8600 ext. 142

Project Number: 24-0045 Task M
P.O. Number:
Project Name: MAH CO151 679
Collected Date: 4/22/2025
Received Date: 4/24/2025 9:30:00 AM

Analyst: Poeppelman, Dustin

Asbestos Bulk PLM EPA 600/R-93/116

	Stereoscopic	Components		
SanAir ID / Description	Appearance	% Fibrous	% Non-fibrous	Asbestos Fibers
250421-1 / 25026741-001 Parapet Exp Joint, North End, East Side	Grey Non-Fibrous Homogeneous		100% Other	None Detected
250421-2 / 25026741-002 Parapet Exp Joint, Middle, East Side	Grey Non-Fibrous Homogeneous		100% Other	None Detected
250421-3 / 25026741-003 Parapet Exp Joint, South End, West Side	Grey Non-Fibrous Homogeneous		100% Other	None Detected
250421-4 / 25026741-004 Vandalism Fence Post Caulk, North End, East Side	Grey Non-Fibrous Homogeneous		100% Other	None Detected
250421-5 / 25026741-005 Vandalism Fence Post Caulk, Middle, East Side	Grey Non-Fibrous Homogeneous		100% Other	None Detected
250421-6 / 25026741-006 Vandalism Fence Post Caulk, South End, East Side	Grey Non-Fibrous Homogeneous		100% Other	None Detected
250421-7 / 25026741-007 Preformed Exp Joint, North End, East Side	Brown Fibrous Homogeneous	70% Cellulose	30% Other	None Detected
250421-8 / 25026741-008 Preformed Exp Joint, South End, East Side	Brown Fibrous Homogeneous	70% Cellulose	30% Other	None Detected
250421-9 / 25026741-009 Preformed Exp Joint, South End, West Side	Brown Fibrous Homogeneous	70% Cellulose	30% Other	None Detected
250421-10 / 25026741-010 Paint on Concrete, Middle, East Side	White Non-Fibrous Homogeneous		100% Other	None Detected

Analyst: Dustin Poeppelman

Approved Signatory: Sidney Kirkerton

Analysis Date: 4/24/2025

Date: 4/24/2025

SanAir ID Number
25026741
FINAL REPORT
4/24/2025 6:08:49 PM

Name: Lawhon & Associates, Inc.
Address: 1441 King Ave
Columbus, OH 43212
Phone: 614-481-8600 ext. 142

Project Number: 24-0045 Task M
P.O. Number:
Project Name: MAH CO151 679
Collected Date: 4/22/2025
Received Date: 4/24/2025 9:30:00 AM

Analyst: Poeppelman, Dustin

Asbestos Bulk PLM EPA 600/R-93/116

	Stereoscopic	Components		
SanAir ID / Description	Appearance	% Fibrous	% Non-fibrous	Asbestos Fibers
250421-11 / 25026741-011 Paint on Concrete, North End, West Side	White Non-Fibrous Homogeneous		100% Other	None Detected
250421-12 / 25026741-012 Paint on Concrete, South End, West Side	White Non-Fibrous Homogeneous		100% Other	None Detected
250421-13 / 25026741-013 Rail Pad/ Bolt Caulk, North End, East Side	Grey Non-Fibrous Homogeneous		98% Other	2% Chrysotile
250421-14 / 25026741-014 Rail Pad/ Bolt Caulk, Middle, East Side	Grey Non-Fibrous Homogeneous		98% Other	2% Chrysotile
250421-15 / 25026741-015 Rail Pad/ Bolt Caulk, South, West Side	Grey Non-Fibrous Homogeneous		98% Other	2% Chrysotile

Analyst: Dustin Poeppelman
Analysis Date: 4/24/2025

Approved Signatory: Sidney Kirkerton
Date: 4/24/2025

Disclaimer and Additional Information

This report is the sole property of the client named on the SanAir Technologies Laboratory, Inc. (SanAir) chain-of-custody (COC). Results in the report are confidential information intended only for the use by the client named on the COC. Neither results nor reports will be discussed with or released to any third party without our client's written permission to maintain client confidentiality. The final report cannot be reproduced, except in full, without written authorization from SanAir to assure that parts of the report are not taken out of context. This report and any information contained within shall not be edited, altered, or modified in any way by any persons or agencies receiving, viewing, distributing, or otherwise possessing a copy of this final report. The laboratory reserves the right to perform amendments to any finalized report, of which shall supersede and make obsolete any previous editions. Such changes, modifications, additions, or deletions shall be effective immediately upon notice thereof, which may be given by means including, but not limited to, posting on the SanAir client portal website, electronic or conventional mail, or by any other means. The information provided in this report applies only to the samples submitted in the condition they were received at the laboratory and is relevant only for the date, time, and location of sampling. Samples were received in good condition unless otherwise noted on the report. The accuracy of the results is dependent upon the client's sampling procedure and information provided to the laboratory by the client on the COC, which includes the project name, project number, P.O. number, sample collection dates, special instructions, samples collected by, sample numbers, sample identifications/location, sample type, selected analysis type, and total area or volume that may affect the validity of the results. SanAir assumes no responsibility for the sampling procedure and will provide evaluation reports based solely on the sample and information provided by the client. SanAir assumes no responsibility or liability for the manner in which results are used or interpreted. This report does not constitute and shall not be used to claim product, process, system, or person certification, approval, or endorsement by NVLAP, NIST, NELAC, AIHA LAP, LLC or any other agency of the U.S. government; all or some tests contained in this report may not be accredited by every local, state, and federal regulatory agency. Refer to the SanAir website at www.sanair.com for copies of current certificates and scopes of various accreditations, certifications, and licenses or contact the laboratory at iaq@sanair.com for inquiries regarding the status or scope of an accreditation or certification.

Fibers smaller than 5-microns cannot be seen with this method due to scope limitations. Polarized- light microscopy is not consistently reliable in detecting asbestos in floor covering and similar non-friable organically bound materials. Quantitative transmission electron microscopy is currently the only method that can be used to determine if this material can be considered or treated as non-asbestos containing. Samples are held for a period of 60 days.

Asbestos Accreditations, Certifications, and Licenses
National Voluntary Laboratory Accreditation Program (NVLAP) Lab Code 600227-0
State of Connecticut Department of Public Health Registration Number: PH-0817
State of Rhode Island Department of Health, Certification Number: PLM00144, TEM00144
State of West Virginia Bureau for Public Health, Analytical Laboratory Number: LT000637
Texas Department of State Health Services License Number: 300510

Lawhon & Associates, Inc.

1441 King Avenue
Columbus, OH 43212
Phone: (614) 481-8600
Fax: (614) 481-8610

25026741

Sent To: San air

VIA: UPS

Date: 4/22/25

No. 5817

Page 1 of 1

Turn around: 1-Day

ASBESTOS BULK SAMPLE CHAIN-OF-CUSTODY RECORD

Project Name:	Project No.:	Project Contact:	Sampler (print):	Signature
MAH CO151 679	Task M 24-0045	Matt Geiger	Sean Cook	Sean Cook

Sample I.D. No.	Homog. Area No.	Sample /Homogeneous Area Description	Sample Location	Remarks
250421-1	1	Parapet Exp. Joint	North end, East Side	
-2			Middle, East Side	
-3			South end, west side	
-4	2	Vandalism Fence Post Caulk	North end, East side	
-5			Middle, East side	
-6			South end, East side	
-7	3	Preformed Exp. Joint	North end, east side	
-8			South end, east side	
-9			South end, west side	
-10	4	Paint on Concrete	Middle, east side	
-11			North end, west side	
-12			South end, west side	
-13	5	Rail Pad / Bolt Caulk	North end, east side	
-14			Middle, east side	
-15			South, west side	

SAMPLE ANALYSIS BY EPA METHOD 600/R-93/116 UNLESS OTHERWISE NOTED.
POINT COUNT FRIABLES AND NOB'S 3% OR LESS ASBESTOS.

☐ Stop 1st Positive ☒ Analyze All Samples

Relinquished by: (signature)	Date / Time	Received by: (signature)	Date / Time	Relinquished by: (signature)	Date / Time	Received by: (signature)	Date / Time
Sean Cook	4/23/25 17:00	RMB	4/24/25 9:30 am				

Distributor: White - Lab; Yellow - File

SanAir Technologies Laboratory

The Identification Specialists

Analysis Report prepared for Lawhon & Associates, Inc.

Report Date: 4/30/2025

Project Name: MAH CO151 679

Project #: 24-0045 Task M

SanAir ID#: 25027050

NVLAP TESTING

NVLAP LAB CODE 600227-0

11709 Chesterdale Road, Cincinnati, Ohio 45246
888.895.1177 | 513.438.6066 | LabReports@SanAir.com | SanAir.com

SanAir ID Number
25027050
FINAL REPORT
4/30/2025 3:17:23 PM

Name: Lawhon & Associates, Inc.
Address: 1441 King Ave
Columbus, OH 43212
Phone: 614-481-8600 ext. 142

Project Number: 24-0045 Task M
P.O. Number:
Project Name: MAH CO151 679
Collected Date: 4/22/2025
Received Date: 4/25/2025 8:00:00 AM

Dear Matt Geiger,

We at SanAir would like to thank you for the work you recently submitted. The 3 sample(s) were received on Friday, April 25, 2025 via COC further analysis. The final report(s) is enclosed for the following sample(s): 250421-13, 250421-14, 250421-15.

These results only pertain to this job and should not be used in the interpretation of any other job. This report is only complete in its entirety. Refer to the listing below of the pages included in a complete final report.

Sincerely,

Maureen Y. Haley
Asbestos Laboratory Manager
SanAir Technologies Laboratory

Final Report Includes:
- Cover Letter
- Analysis Pages
- Disclaimers and Additional Information

Sample conditions:
- 3 samples in Good condition.

SanAir ID Number
25027050
FINAL REPORT
4/30/2025 3:17:23 PM

Name: Lawhon & Associates, Inc.
Address: 1441 King Ave
Columbus, OH 43212
Phone: 614-481-8600 ext. 142

Project Number: 24-0045 Task M
P.O. Number:
Project Name: MAH CO151 679
Collected Date: 4/22/2025
Received Date: 4/25/2025 8:00:00 AM

Analyst: Poeppelman, Dustin

Asbestos Bulk EPA PLM NOB EPA 600/R-93/116

SanAir ID / Description	Appearance	% Fibrous	% Non Fibrous	Asbestos Types	% Total Asbestos
25027050-001 / 250421-13 Rail Pad/ Bolt Caulk, North End, East Side	Grey Non-Fibrous Homogeneous		99.6 %	Chrysotile	0.4 %
25027050-002 / 250421-14 Rail Pad/ Bolt Caulk, Middle, East Side	Grey Non-Fibrous Homogeneous		99.3 %	Chrysotile	0.7 %
25027050-003 / 250421-15 Rail Pad/ Bolt Caulk, South, West Side	Grey Non-Fibrous Homogeneous		99.5 %	Chrysotile	0.5 %

EPA 400 Point Count with Gravimetric Reduction.

Analyst: Dustin Poeppelman
Analysis Date: 4/30/2025

Approved Signatory: B Tatlock
Date: 4/30/2025

Disclaimer and Additional Information:
Method for the Determination of Asbestos in Bulk Building Materials
EPA 600/R-93/116 July 1993 PLM EPA NOB

This report is the sole property of the client named on the SanAir Technologies Laboratory, Inc. (SanAir) chain-of-custody (COC). Results in the report are confidential information intended only for the use by the client named on the COC. Neither results nor reports will be discussed with or released to any third party without our client's written permission to maintain client confidentiality. The final report cannot be reproduced, except in full, without written authorization from SanAir to assure that parts of the report are not taken out of context. This report and any information contained within shall not be edited, altered, or modified in any way by any persons or agencies receiving, viewing, distributing, or otherwise possessing a copy of this final report. The laboratory reserves the right to perform amendments to any finalized report, of which shall supersede and make obsolete any previous editions. Such changes, modifications, additions, or deletions shall be effective immediately upon notice thereof, which may be given by means including, but not limited to, posting on the SanAir client portal website, electronic or conventional mail, or by any other means. When the client requires samples to be tested that deviates from a specific method or condition, all reported results may be affected by the deviation. Where noted on the COC, 400 point count with gravimetric reduction was employed with this analysis. The information provided in this report applies only to the samples submitted, in the condition they were received at the laboratory, and is relevant only for the date, time, and location of sampling. Samples were received in good condition unless otherwise noted on the report. The accuracy of the results is dependent upon the client's sampling procedure and information provided to the laboratory by the client on the COC, which includes the project name, project number, P.O. number, sample collection dates, special instructions, samples collected by, sample numbers, sample identifications/location, sample type, selected analysis type, and total area or volume that may affect the validity of the results. SanAir assumes no responsibility for the sampling procedure and will provide evaluation reports based solely on the sample and information provided by the client. SanAir assumes no responsibility or liability for the manner in which results are used or interpreted. This report does not constitute and shall not be used to claim product, process, system, or person certification, approval, or endorsement by NVLAP, NIST, NELAC, AIHA LAP, LLC or any other agency of the U.S. government; all or some tests contained in this report may not be accredited by every local, state, and federal regulatory agency. Refer to the SanAir website at www.sanair.com for copies of current certificates and scopes of various accreditations, certifications, and licenses or contact the laboratory at iaq@sanair.com for inquiries regarding the status or scope of an accreditation or certification.

Fibers smaller than 5 microns cannot be seen with this method due to scope limitations. Samples are held for a period of 60 days.

Revision#02, 6/21/2024

Lawhon & Associates, Inc.

1441 King Avenue
Columbus, OH 43212
Phone: (614) 481-8600
Fax: (614) 481-8610

NOB 25027050

PLM 25026741

Sent To: San air

VIA: UPS

No. 5817

Page 6 of 6
Page 5 of 5

Page 1 of 1

Date: 4/22/25

Turn around: 1-Day

ASBESTOS BULK SAMPLE CHAIN-OF-CUSTODY RECORD

Project Name:	Project No.:	Project Contact:	Sampler (print):	Signature
MAH CO 151 679	Task M 24-0015	Matt Geiger	Sean Cook	Sean Cook

Sample I.D. No.	Homog. Area No.	Sample /Homogeneous Area Description	Sample Location	Remarks
250421-1	1	Parapet Exp. Joint	North end, East Side	
-2			Middle, East Side	
-3			South end, West Side	
-4	2	Vandalism Fence Post Caulk	North end, East Side	
-5			Middle, East Side	
-6			South end, East Side	
-7	3	Preformed Exp. Joint	North end, east Side	
-8			South end, east Side	
-9			South end, west Side	
-10	4	Paint on Concrete	Middle, east Side	
-11			North end, west Side	
-12			South end, west side	
-13	5	Rail Pad / Bolt Caulk	North end, east side	
-14			Middle, east Side	
-15			South, west side	

SAMPLE ANALYSIS BY EPA METHOD 600/R-93/116 UNLESS OTHERWISE NOTED.
POINT COUNT FRIABLES AND NOB'S 3% OR LESS ASBESTOS.

☐ Stop 1st Positive ☒ Analyze All Samples

Relinquished by: (signature)	Date / Time	Received by: (signature)	Date / Time	Relinquished by: (signature)	Date / Time	Received by: (signature)	Date / Time
Sean Cook	4/22/25 17:00	RMB	4/24/25 9:30 am				

Distributor: White - Lab; Yellow - File

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: / /	☐ Hand-Delivered

1) Notification Information (Check all that apply)

☒ Original	☐ Revision # (count):	☐ Installation	☐ Emergency	☐ Annual	☐ Cancellation	County: Mahoning

2) Owner, Asbestos Abatement Contractor, Billing and Fire Department Information **Revised?** ☐

Owner		
Name: ODOT District 4		Is this a company? ☒ Yes ☐ No
Address: 2088 S. Arlington Road	Contact Person: Ed Deley (DEC)	
City: Akron	State: Ohio	Zip: 44306
Email: Ed.Deley@dot.ohio.gov	Phone: (330) 786-3100	Fax:
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 ☐ Owner, ☐ Asbestos Abatement Contractor, or ☐ 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: 10/14/2025

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: ☒ PLM ☐ Point Count ☐ TEM ☐ Other Method (Explain Below):

4) Procedures to be followed should unexpected RACM be discovered (check all that apply) **Revised?** ☐

☒ Stop work and keep wet	☒ Evacuate area	☒ Demarcate area	☒ Contact licensed abatement contractor
☒ Contact district office/local air authority			
☐ 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:
☐ Implosion ☐ Fire Training ☐ Wet Methods ☐ Manual Demolition ☐ Mechanical Demolition ☐ Other (Explain):

Description of affected facility components (include attachment if necessary):

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

Notification of Demolition and Renovation/Abatement

Section 1: General Information

Continued

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:	☐ Surfacing	☐ Mechanical	☐ Other		
Engineering Controls:	☐ Wet Methods	☐ Glove Bag	☐ NPE	☐ AFD	☐ Other:
Work Practices:	☐ Intact Removal	☐ Manual	☐ Mechanical	☐ 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: : ☐ a.m. ☐ 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 #:

A. Facility Description **Revised?** ☐

Building Name (if applicable): MAH C0151 679	Site Location (specific): 41°04'53.46"N 80°38'47.24"W [0.44 Mi S Of Us 62]	
Address: South Avenue Over Interstate Route 680	County: Mahoning	
City: Youngstown	State: OH	Zip: 44509 -
Building Size (square feet): 11088	No. of Floors: 1	Age: 53
Present Use: Bridge	Prior Use: Bridge	

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

☒ Demolition ☐ Renovation/Abatement – Type: ☐ Removal ☐ Repair ☐ Encapsulation ☐ Enclosure

C. Asbestos Present (check one) **Revised?** ☐

☐ Yes ☒ No ☐ No, previously abated Year Abated:

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	
		Non-friable Asbestos-Containing Material		Non-friable Asbestos-Containing Material	
	RACM	Category I	Category II	Category I	Category II
Pipes (linear feet)					
Surface area on other facility components (ft^2)					
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: / /

H. Project Hold **Revised?** ☐

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