

**PRE-REHABILITATION
ASBESTOS-CONTAINING MATERIALS, LEAD AND PCBS
INSPECTION REPORT**

OF THE:

**SAWKILL RUBY ROAD (CR-90) BRIDGE OVER I-87 AT MP 95.27
BIN 5515540
TOWN OF ULSTER, ULSTER COUNTY, NEW YORK
DESIGN CONTRACT D214817**

Prepared By:

HUNT ENGINEERS | ARCHITECTS | SURVEYORS

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Prepared For:

Parsons Transportation Group of New York, Inc.
100 Broadway, 18th Floor
New York, NY 10005
&
New York State Thruway Authority
200 Southern Boulevard
Albany, NY 12209

HUNT Project No. 3459.006

Conditions as of October 2025

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1.0 EXECUTIVE SUMMARY

The New York State Thruway Authority's (NYSTA's) Sawkill Ruby Road (CR-90) bridge (BIN:5515540) over I-87 at Mile Post (MP) 95.27, located in the Town of Ulster, New York, was surveyed to identify Asbestos Containing Materials (ACM) and polychlorinated biphenyls (PCBs). The survey was performed on all areas on the bridge expected to be disturbed during bridge rehabilitation. Hazardous material testing did not include testing for lead paint per NYSTA policy. The property consists of the bridge and deck structure.

Based on laboratory analysis, no ACM was identified in nine (9) of the ten (10) Homogeneous Area (HA) materials sampled during the inspection and testing activities, which were performed on October 7, 2025. However, one HA (sample BS-27), described as white column/abutment paint, detected chrysotile asbestos (5.4%). This material was noted to be non-friable and in fair condition. HUNT estimates approximately 400 square feet of the material exists on the eastern bridge abutment. According to record documents received from the NYSTA (FACT 50-1, TA 00-70F, TAA 77-14BP, TAA 90-26BP), it is expected the paint on this surface is from original construction, as only painting and cleaning of structural steel are noted as bridge improvements.

In addition, according to record documents (N.Y. State Thruway –Catskill Thruway) – (Lake Katrine Road Contract # FAST 50-6), a note on page 8 indicates “apply 2 applications of waterproofing oil treatment M41-W to the top of the slab. HUNT did not identify this material. If waterproofing layers between the deck and wearing surface are discovered, the asphalt would need to be removed to sample these layers for asbestos or be treated as an assumed ACM. Materials listed as assumed ACM shall be treated as ACM, unless testing proves otherwise.

Based on the information presented in this report, as part of the upcoming bridge rehabilitation, asbestos abatement of the materials identified as ACM will require abatement by a NYS licensed asbestos abatement contractor. Asbestos abatement design specifications will also be required by a NYS Asbestos Designer. Included in the design specifications, the project designer should utilize Bridge Variance 14 Removal of Miscellaneous Non-Friable Asbestos Containing Materials as part of the asbestos abatement specifications.

Potential lead-based paint and PCB materials may also be impacted by the planned work. Given the date of the structure (reportedly built in the 1950s) and known use of lead paint at that time, all painted surfaces shall be assumed to be lead based. Paint samples were not collected per NYSTA policy. At the time of sampling, five (5) painted surfaces were noted including Lt .blue railing paint, Green girder paint, Dark green paint, off-white girder paint, and white column abutment paint.

USEPA recognizes that caulks and sealants are suspected of containing PCBs. HUNT understands that it is not NYSTA policy to sample PCBs; however, sampling may be required to facilitate proper disposal. At the time of sampling, one (1) suspect PCB-containing materials such as sealants and caulks were noted. The one (1) PCB sample was sent to Paradigm Environmental Services, Inc. for PCBs analysis. The sample (a gray caulk) was determined to be non-PCB containing.

This Report assessed the presence of accessible and/or exposed suspect ACMs and PCB containing materials. Although due diligence was given during the assessment, suspected ACMs may exist behind or beneath inaccessible spaces and inaccessible portions of the building. See the following report for a detailed description of the sampling methods and results.

2.0 BACKGROUND

HUNT Engineers, Architects, Land Surveyors & Landscape Architect, D.P.C. (HUNT) was contracted by Parsons Transportation Group of New York, Inc. (Parsons) on behalf of the New York State Thruway Authority (NYSTA) to perform a Limited Asbestos and Hazardous Materials Survey for a planned bridge rehabilitation located at the Sawkill Ruby Road (CR-90) Bridge over I-97 (BIN 5515540) at MP 95.27 in the Town of Ulster, Ulster County, New York.

The field survey was performed by HUNT NYS certified asbestos inspectors Christopher Bablin and Kerry Blackwood (Certificate #s 23-6T97Q-SHAB & 24-6ZB47-SHAB) on October 7, 2025. HUNT located and accessed potentially disturbed material locations in association with the planned project. This Report included an assessment for the identification of asbestos-containing materials (ACMs) and polychlorinated biphenyls (PCBs) associated with the bridge, and to recommend removal measures, if needed, prior to demolition, reconstruction, and rehabilitation activities.

This Report identifies any materials that were determined to contain ACM and PCBs from the sampling and testing methods performed. This Report also describes the work performed and the analytical results obtained. The field surveys were limited to the materials that were exposed and accessible. HUNT maintained all standard safety policies.

3.0 SAMPLING METHODOLOGY

3.1 ASBESTOS SURVEY REQUIREMENT

New York State Department of Labor Industrial Code Rule 56 (ICR 56), requires an asbestos survey to be completed by a licensed asbestos contractor, using inspectors certified in compliance with Section 56-3.2(d), to determine whether or not, the building or structure, or portion(s) thereof to be demolished, renovated, remodeled, or repaired, contains asbestos-containing material (ACM), presumed ACM (PACM), or suspect miscellaneous ACM (SACM).

The asbestos survey includes a thorough inspection for and identification of all PACM, SACM, or known asbestos material throughout the project areas, or portion thereof to be demolished, renovated, remodeled, or repaired. The required inspection must be performed by a certified asbestos inspector and includes identification of materials by the following methods:

- (1) Review of building/structure plans and records, if available, for references to asbestos, ACM, PACM, or suspect miscellaneous SACM used in construction, renovation, or repair; and
- (2) Visual inspection for PACM and suspect miscellaneous SACM throughout the building/structure or portion thereof to be demolished, renovated, remodeled, or repaired. All PACM and miscellaneous SACM observed is assumed to be ACM and must be treated and handled as ACM, unless bulk sampling is conducted as per standard United States Environmental Protection Agency (USEPA) and Occupational Safety and Health Administration (OSHA) accepted methods (including multi-layered systems sampling protocols); the subsequent analyses are performed by a laboratory that meets the requirements of ICR 56; and the analyses satisfies both New York State and federal requirements, to document the material as non-ACM.

Prior bulk sample analysis records generated by either in-house or consultant inspection staff are considered in the inspector's review but not exclusively accepted as evidence of negative results. Materials shall be additionally sampled when plans, records, contributing uses/locations, or visual observations identify a material as SACM. Similarly, if the prior documentation is not sufficient to

definitively indicate the material is asbestos, or the prior sampling and/or analysis does not meet currently accepted protocols (such as New York State Department of Health (NYSDOH) requirements), then additional sampling is warranted.

If additional sampling is not deemed necessary, an inspector's narrative will discuss reasoning behind the decision. All narrative discussions are broken down by structure.

HUNT prepared this Report, in accordance with the above-described methodology. Sample locations were randomly chosen from each homogeneous sample area, so as not to bias any sample results. However, samples were preferentially collected from damaged areas and/or easily/safely accessible locations. The sample was then placed in a referenced numbered sample bag. The chain-of-custody information was completed, including the location, material type, and analyses to be performed. Samples of suspect ACMs obtained by HUNT were sent to HSE Consulting Services, LLC in Cicero, New York for laboratory analyses.

3.2 LEAD-BASED PAINT & PCBs

Potential lead-based paint and PCB materials may also be impacted by the planned work. Given the date of the structure (reportedly built in the 1950s) and known use of lead paint, lead paint samples were not collected per NYSDOT standards, and all painted surfaces shall be assumed to be lead based.

USEPA recognizes that caulks and sealants are suspected to contain PCBs. HUNT understands that it is not NYSTA policy to sample PCBs; however sampling may be required to facilitate proper disposal. At the time of sampling, one (1) suspect polychlorinated biphenyls (PCBs) such as sealants and caulks were noted and collected.

HUNT prepared this Report, in accordance with the above-described methodology. Sample locations were randomly chosen from each sample area, so as not to bias any sample results. However, samples were preferentially collected from damaged areas and/or easily/safely accessible locations. The sample was then placed in a referenced numbered sample bag. The chain-of-custody information was completed, including the location, material type, and analyses to be performed. Samples of suspect PCBs obtained by HUNT were sent to Paradigm Environmental Services, Inc. in Rochester, New York for laboratory analyses.

4.0 ANALYTICAL PROTOCOL

A material is classified as asbestos-containing under OSHA regulation 29 CFR 1926.1101, if it is demonstrated by approved laboratory techniques that bulk samples from a homogeneous sampling area contain greater than >1% asbestos by weight, or if it is a presumed asbestos-containing material (PACM). A PACM is defined as thermal system insulations and surfacing material in a structure, constructed no later than 1981. The designation of PACM may be refuted by the collection and analysis of bulk samples in accordance with the triple-sampling and the 3-5-7 Rule Protocol established in the Asbestos Hazard Emergency Response Act (AHERA).

In New York State, bulk samples are divided into (3) categories: 1) friable materials, 2) non-friable materials, and 3) non-friable organically bound materials (NOBs). Polarized Light Microscopy (PLM) can analyze asbestos bulk samples. PLM utilizes a light microscope to identify asbestos fibers based on visual properties of the sample. Each is divided into sub-samples and mounted on four (4) slides in the same refractive index oil. A stratified point count method is then performed to determine asbestos content. This enables the analyst to determine accurately the percentage of asbestos and non-asbestos components. This method is effective in determining asbestos content for friable and many non-friable materials.

Non-friable organically bound (NOB) materials encompass a wide range of building materials that have embedded flexible to rigid asphalt or vinyl matrix such as floor tiles, mastics, and roofing. The matrix composition of these materials limits the effectiveness of the PLM analysis. In order to determine asbestos content more accurately, NOB samples are first Gravimetrically Reduced (GR) in accordance with the New York State (NYS) Environmental Laboratory Approval Program (ELAP) 198.6 Protocol. After an initial sample weight is determined, the sample is reduced organically in a muffle furnace and then digested in acid. The sample is weighed again and compared to its initial weight. If the post-reduction (residue) weight is less than or equal to $\leq 1\%$ of the initial weight, it cannot be defined as an ACM.

If the post-reduction (residue) weight is greater than >1% of the original sample weight, the sample is analyzed by PLM analysis. If the PLM analysis results in asbestos concentrations greater than >1%, the sample is identified as an ACM. If the analysis indicates asbestos concentrations less than or equal

to $\leq 1\%$, the sample then must be analyzed by Transmission Electron Microscopy (TEM) in accordance with NYS ELAP 198.4 Protocol, in order to finally determine if the NOB sample is an ACM.

Any one (1) positive sample from a homogeneous sampling area determines the material to be classified as asbestos-containing. A “positive stop approach” is utilized. The laboratory is instructed to not analyze remaining samples from a given homogeneous sampling area following the first positive result. Any NOB homogeneous sampling area that yields all negative results by PLM after GR, must have all samples undergo TEM analyses on a first positive basis. The material is determined not to be asbestos containing if all samples are analyzed by TEM and found to be less than or equal to $\leq 1\%$ asbestos. The sampling and analytical protocols are depicted in Figure 4.1.

Standard PLM and TEM sampling cannot determine the ACM content of vermiculite. Special analyses are required and outlined in New York Department of Health (NYSDOH) ELAP protocol 198.8. NYS DOH Environmental Laboratory Approval Program states 198.8 incorporates a two-step approach for the identification and quantitation of chrysotile and amphibole asbestos, including Libby amphiboles, in surfacing material containing vermiculite (SM-V). The first step utilizes gravimetric reduction including ashing to remove the organic materials and dilute acid treatment to remove gypsum and cement from SM-V. The residue is then examined by PLM for the presence of chrysotile, which is quantitated by point counting. If the concentration of chrysotile is found to exceed 1%, the material is considered asbestos containing material (ACM), and the analysis is terminated. If chrysotile is either not detected, or is found at a concentration less than 1%, then the analysis is continued to determine the concentration of amphibole asbestos. Heavy liquid centrifugation is used to separate particles with densities exceeding 2.75 g/cc from the majority of the less dense matrix components. This results in a centrifugate that contains any amphibole that was present in the original sample. The concentration of the amphibole can then be reliably determined by PLM and point counting. The total asbestos content is obtained by adding the concentration of asbestos quantitated in step one (chrysotile) with the asbestos quantitated in step two (amphibole). If the final concentration is determined to be greater than 1%, the material is designated as ACM.

Method 8082A is used to determine the concentrations of PCBs as Aroclors, or individual PCB congeners in extracts from solid, tissue, and aqueous matrices, using open tubular, capillary columns with electron capture detectors (ECD) or electrolytic conductivity detectors (ELCD). The target compounds include seven Aroclors and 19 individual PCB congeners. These target compounds may

be determined by either a single- or a dual column analysis system. The seven Aroclors and 19 individual PCB congeners have been tested by this method, and the method may be appropriate for additional congeners and Aroclors. The method also may be applied to other matrices such as oils and wipe samples, if appropriate sample extraction procedures are employed.

FIGURE 4.1



5.0 RESULTS

5.1 ASBESTOS

Following visual assessment and classification of all potentially disturbed materials on October 7, 2025, all SACM samples collected by HUNT were analyzed by HSE Consulting Services, LLC (ELAP #12074) in Cicero, New York.

Based on laboratory analysis, no ACM was identified in nine (9) of the ten (10) HA materials sampled during the inspection and testing activities. However, one sample (Sample BS-27), described as white column/abutment paint, detected chrysotile asbestos (5.4%). This material was noted to be non-friable and in fair condition. HUNT estimates approximately 400 square feet of the material exists on the eastern bridge abutment. According to record documents received from the NYSTA (FACT 50-1, TA 00-70F, TAA 77-14BP, TAA 90-26BP), it is expected the paint on these surfaces is from original construction, as only painting and cleaning of structural steel are noted as bridge improvements.

In addition, according to record documents (N.Y. State Thruway –Catskill Thruway) – (Lake Katrine Road Contract # FAST 50-6), a note on page 8 indicates “apply 2 applications of waterproofing oil treatment M41-W to the top of the slab. HUNT did not identify this material during the survey. If waterproofing layers between the deck and wearing surface are discovered, the asphalt would need to be removed to sample these layers for asbestos or be treated as an assumed ACM. Materials listed as assumed ACM shall be treated as ACM, unless testing proves otherwise.

Based on the information presented in this report, as part of the upcoming bridge rehabilitation, asbestos abatement of the materials identified as ACM will require abatement by a NYS licensed asbestos abatement contractor. Asbestos abatement design specifications will also be required by a NYS Asbestos Designer. Included in the design specifications, the project designer should utilize Bridge Variance 14 Removal of Miscellaneous Non-Friable Asbestos Containing Materials as part of the asbestos abatement specifications.

Detailed information including location, suspect materials, approximate quantities, and determination of condition can be found in spreadsheets presented in Appendix A. The asbestos laboratory reports are included in Appendix B.

5.2 LEAD-BASED PAINT

A paint coating is considered a lead-based paint (LBP) by the United States Environmental Protection Agency (USEPA) if analytical results indicate that the concentration of lead exceeds 0.5% by weight, 5,000 ppm, or 5,000 mg/kg or 1.0 mg/cm² using an XRF analyzer. OSHA does not set a threshold concentration standard for lead but sets standards of airborne lead dust worker exposure during renovation and demolition of building components containing lead. Therefore, any detectable concentration of lead within a building component subjects a contractor to the OSHA standards for lead.

Given the date of the structure (reportedly built in the 1950s) and known use of lead paint at that time, all painted surfaces shall be assumed to be lead based. Paint samples were not collected per NYSTA policy. At the time of sampling, five (5) painted surfaces were noted including: light blue railing paint, green girder paint, dark green paint, off-white girder paint, and white column abutment paint.

5.3 PCBs

Caulks and sealants can potentially contain PCBs if they were manufactured prior to 1980. The USEPA's Toxic Substance Control Act (TSCA) prohibits the use of PCBs at concentrations above 50 parts per million (ppm) which is equivalent to 50 mg/kg, including caulk/sealant that is already in place. TSCA requires that caulk/sealant containing PCB concentrations greater than 50 ppm be removed.

USEPA recognizes that caulks and sealants are suspected of containing PCBs. HUNT understands that it is not NYSTA policy to sample PCBs; however, sampling may be required to facilitate proper disposal. At the time of sampling, one (1) suspect PCB-containing material was noted. The PCB sample was sent to Paradigm Environmental Services, Inc located in Rochester New York. The sample (gray caulk) was determined to be non-PCB containing.

Sample location plans are included in Appendix D. Photographs are also included in Appendix D. HUNT's certifications are included in Appendix E.

6.0 CONCLUSIONS AND RECOMMENDATIONS

6.1 ASBESTOS

Based on laboratory analysis, no ACM was identified in nine (9) of the ten (10) HA materials sampled during the inspection and testing activities, which were performed on October 7, 2025. However, one HA (sample BS-27), described as white column/abutment paint, detected chrysotile asbestos (5.4%). This material was noted to be non-friable and in fair condition. HUNT estimates approximately 400 square feet of the material exists on the eastern bridge abutment. According to record documents received from the NYSTA (FACT 50-1, TA 00-70F, TAA 77-14BP, TAA 90-26BP), it is expected the paint on this surface is from original construction, as only painting and cleaning of structural steel are noted as bridge improvements. In addition, according to record documents (N.Y. State Thruway –Catskill Thruway) – (Lake Katrine Road Contract # FAST 50-6), a note on page 8 indicates “apply 2 applications of waterproofing oil treatment M41-W to the top of the slab. HUNT did not identify this material during the survey. If waterproofing layers between the deck and wearing surface are discovered, the asphalt would need to be removed to sample these layers for asbestos or be treated as an assumed ACM. Materials listed as assumed ACM shall be treated as ACM, unless testing proves otherwise.

Based on the information presented in this report, as part of the upcoming bridge rehabilitation, asbestos abatement of the materials identified as ACM will require abatement by a NYS licensed asbestos abatement contractor. Asbestos abatement design specifications will also be required by a NYS Asbestos Designer. Included in the design specifications, the project designer should utilize Bridge Variance 14 Removal of Miscellaneous Non-Friable Asbestos Containing Materials as part of the asbestos abatement specifications.

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7.0 LIMITATIONS

The services described in this Report were performed consistent with generally accepted professional principles and practices and with our agreement with the Client. This Report is for the use and information of the Client, unless otherwise noted. Reliance on this Report by another party must be at their risk, unless, of course, we are consulted on the use or limitations.

Opinions and recommendations contained in this Report apply to conditions existing when services were performed and are intended for the Client within the purposes, locations, time frames, and project parameters indicated. We cannot be responsible for the impact of any changes in environmental standards, practices, or regulations subsequent to the performance of services without our further consultation. We can neither vouch for the accuracy of information supplied by others, nor accept consequences for unconsented use of segregated portions of this Report.

The Report assessed the presence of accessible and/or exposed suspect ACMs, Lead, and PCBs. Although due diligence was given during the assessment, suspect ACMs, Lead, and PCBs may exist behind or beneath inaccessible spaces and inaccessible portions of the building.

APPENDIX A

ASBESTOS ASSESSMENT SPREADSHEET

Appendix A
Asbestos Assessment Spreadsheet

HUNT-Engineers, Architects
Land Surveyors & Landscape Architect, D.P.C
143 Court Street
Binghamton, New York 13901

Client: NYSDOT
Sawkill Ruby Road (CR-90) Bridge
Project Location: (BIN5515540) over I-87 at MP 95.27, Ulster,
New York
Contract No.: D214897
HUNT Project No: 03459.006

County: Ulster

Inspected By: Kerry Blackwood & Chris Bablin

Inspection Dates: October 7 2025

AREA	SAMPLE LOCATION	Suspect ACM DESCRIPTION	MATERIAL TYPE	APPROXIMATE QUANTITY	CONDITION	% Asbestos	FRIABLE F/NF	REMOVAL OPTIONS	SAMPLE IDENTIFICATION NUMBER	Homogeneous Area No.
BIN 5515540	Bridge railings	Lt. blue railing paint	Paint	-	Poor	NAD	NF	-	BS-1 to BS-3	01
BIN 5515540	Bridge deck sidewalks	Concrete sidewalks	Concrete	-	Fair	NAD	NF	-	BS-5 to BS-7	02
BIN 5515540	Bridge deck expansion joints	Gray caulk like expansion joint	Caulk	-	Fair	NAD	NF	-	BS-8 to BS-10	03
BIN 5515540	Bridge deck expansion joints	Gray foam in expansion joint	Foam	-	Fair	NAD	NF	-	BS-11 to BS-13	04
BIN 5515540	Bridge deck along sidewalks	Black asphaltic tar	Tar	-	Fair	NAD	NF	-	BS-14 to BS-16	05
BIN 5515540	Bridge girders	Green girder paint	Paint	-	Fair	NAD	NF	-	BS-17 to BS-19	06
BIN 5515540	Bridge abutments	Dark green paint	Paint	-	Fair	NAD	NF	-	BS-20 to BS-22	07
BIN 5515540	Bridge girder/abutment	Off-white girder paint	Paint	-	Fair	NAD	NF	-	BS-23 to BS-25	08
BIN 5515540	West abutment	White abutment paint	Paint		Fair	NAD	NF		BS-26	09
BIN 5515540	East abutment	White abutment paint	Paint	400 SF	Fair	5.4% Chrysotile	NF	Remove	BS-27	09
BIN 5515540	Bridge columns	Concrete from columns	Concrete	-	Fair	NAD	NF	-	BS-29 to BS-31	10

APPENDIX B

ASBESTOS ANALYTICAL LABORATORY RESULTS



Safety / Industrial Hygiene
Air Quality / Asbestos / Lead / Mold
OSHA Compliance / Training
Environmental Services

ASBESTOS ANALYSIS REPORT

Non-Gravimetrically Reduced Samples

Hunt-EAS
143 Court St

Analysis Method - NY State ELAP 198.1/EPA 600/M4/82/020
Analysis Performed by NYS DOH ELAP ID #12074

Monday, October 20, 2025

Binghamton NY
Attention: J. Driscall

Batch Number: 18399
Date Received: 10/10/2025
Date Collected: 10/8/2025
Sampled By: Chris Bablin

Project #: BIN 5515540

Project Name: Sawkill Ruby Road over NYS Thruway, TO Ulster County, NY

Page 1 of 2

Lab ID	Sample ID	Color	Total % Asbestos	% AM	% CH	% CR	% TM	% AC	% AN	% CE	% MW	% GW	% SY	% HH	% O	Other Type	%Non- Fibrous Material	Date Analyzed
153843	BS-5	Grey	NAD														100	10/17/2025
N Central, topside- Concrete sidewalks																		
153844	BS-6	Grey	NAD							< 1.0							100	10/17/2025
N Central, topside- Concrete sidewalks																		
153845	BS-7	Grey	NAD							< 1.0							100	10/17/2025
N Central, topside- Concrete sidewalks																		
153846	BS-11	Grey	NAD														100	10/17/2025
SW side, topside - Gray foam, in expansion joint																		
153847	BS-12	Grey	NAD														100	10/17/2025
SW side, topside - Gray foam, in expansion joint																		
153848	BS-13	Grey	NAD														100	10/17/2025
SW side, topside - Gray foam, in expansion joint																		
153849	BS-29	Grey	NAD														100	10/17/2025
E side underside - Concrete from columns																		
153850	BS-30	Grey	NAD							< 1.0							100	10/17/2025
E side underside - Concrete from columns																		



Safety / Industrial Hygiene
Air Quality / Asbestos / Lead / Mold
OSHA Compliance / Training
Environmental Services

ASBESTOS ANALYSIS REPORT

Non-Gravimetrically Reduced Samples

Hunt-EAS
143 Court St

Analysis Method - NY State ELAP 198.1/EPA 600/M4/82/020
Analysis Performed by NYS DOH ELAP ID #12074

Monday, October 20, 2025

Binghamton NY
Attention: J. Driscall

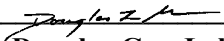
Batch Number: 18399
Date Received: 10/10/2025
Date Collected: 10/8/2025
Sampled By: Chris Bablin

Project #: BIN 5515540

Project Name: Sawkill Ruby Road over NYS Thruway, TO Ulster County, NY

Page 2 of 2

Lab ID	Sample ID	Color	Total % Asbestos	% AM	% CH	% CR	% TM	% AC	% AN	% CE	% MW	% GW	% SY	% HH	% O	Other Type	%Non-Fibrous Material	Date Analyzed
153851	BS-31	Grey	NAD							< 1.0							100	10/17/2025
E side underside - Concrete from columns																		

Reviewed and Approved By (and for questions regarding this report): 
Douglas Gee, Laboratory Manager

Abbreviations:

AM - Amosite	TM - Tremolite	CE - Cellulose	SY - Synthetic	TR - Trace (less than 1%)	N/A - Not Applicable
CH - Chrysotile	AC - Actinolite	MW - Mineral Wool	HH - Horse Hair	NAD- No Asbestos Detected	NA - Not Available
CR - Crocidolite	AN - Anthophyllite	GW - Glass Wool	O - Other	SAFP - Stop at First Positive (not analyzed)	*Insufficient Sample for Analysis
					MNP - Material Not Present

***Analysis not performed per client's request.

Homogeneity - All samples included in this report are homogeneous. All samples have been screened prior to analysis and, if necessary, separated into discrete layers.

NOTE: HSE Consulting Services, LLC did not participate in the collection of the samples contained in this report, therefore, any information pertaining to the collection is based on information provided by the person submitting them. The results pertain only to the samples in this report.



ASBESTOS ANALYSIS REPORT
Gravimetrically Reduced Samples
Non-Friable Organically Bound Material

Safety / Industrial Hygiene
Air Quality / Asbestos / Lead / Mold
OSHA Compliance / Training
Environmental Services

Hunt-EAS
143 Court St

Binghamton NY
Attention: J. Driscall

PLM Analysis Method - NY State ELAP 198.6
PLM Analysis Performed by NYS DOH ELAP ID #11973
TEM Analysis Method - NY State ELAP 198.4
TEM Analysis Performed by NYSDOH ELAP ID #11973

Tuesday, October 21, 2025

Batch Number: 18400
Date Received: 10/10/2025
Date Collected: 10/8/2025
Sampled By: Chris Bablin

Project #: BIN 5515540

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Project Name: Sawkill Ruby Road over NYS Thruway, TO Ulster County, NY

Lab ID	Sample ID	Color	% Residue	Other Fibrous Material		PLM ANALYSIS				TEM ANALYSIS				Total % Asbestos	Date Analyzed	
				%	Type	%	Type	%	Type	%	Type	%	Type		PLM	TEM
153852	BS-1	Rust	50.1	5.0	TC			NAD				NAD		NAD	10/21/2025	10/21/2025
NW corner, topside - Lt. Blue railing paint, damaged, peeling																
153853	BS-2	Gray	47.1	5.0	TC			NAD				NAD		NAD	10/21/2025	10/21/2025
SW side, topside - Lt. Blue railing paint, damaged, peeling																
153854	BS-3	Gray	51.5	5.0	TC			NAD				NAD		NAD	10/21/2025	10/21/2025
S side, central, topside - Lt. Blue railing paint, damaged, peeling																
153855	BS-8	Gray	1.7					NAD				NAD		NAD	10/21/2025	10/21/2025
SW side, topside - Gray caulk-like material, expansion jt.																
153856	BS-9	Gray	3.8					NAD				NAD		NAD	10/21/2025	10/21/2025
S Central, topside - Gray caulk-like material, expansion jt.																
153857	BS-10	Gray	4.2					NAD				NAD		NAD	10/21/2025	10/21/2025
SE Corner, topside - Gray caulk-like material, expansion jt.																
153858	BS-14	Black	22.9					NAD				NAD		NAD	10/21/2025	10/21/2025
SE corner, topside - Black asphaltic tar																
153859	BS-15	Black	0.7					NR				NR		NR	10/21/2025	10/21/2025
N Central, topside - Black asphaltic tar																



ASBESTOS ANALYSIS REPORT
Gravimetrically Reduced Samples
Non-Friable Organically Bound Material

Safety / Industrial Hygiene
Air Quality / Asbestos / Lead / Mold
OSHA Compliance / Training
Environmental Services

Hunt-EAS
143 Court St

Binghamton NY
Attention: J. Driscall

PLM Analysis Method - NY State ELAP 198.6
PLM Analysis Performed by NYS DOH ELAP ID #11973
TEM Analysis Method - NY State ELAP 198.4
TEM Analysis Performed by NYSDOH ELAP ID #11973

Tuesday, October 21, 2025

Batch Number: 18400
Date Received: 10/10/2025
Date Collected: 10/8/2025
Sampled By: Chris Bablin

Project #: BIN 5515540

Page 2 of 4

Project Name: Sawkill Ruby Road over NYS Thruway, TO Ulster County, NY

Lab ID	Sample ID	Color	% Residue	Other Fibrous Material				PLM ANALYSIS				TEM ANALYSIS				Total % Asbestos	Date Analyzed PLM TEM
				%	Type	%	Type	%	Type	%	Type	%	Type	%	Type		
153860	BS-16	Black	3.4					NAD				NAD				NAD	10/21/2025
	N Central, topside - Black asphaltic tar																10/21/2025
153861	BS-17	Green	68.1					NAD				NAD				NAD	10/21/2025
	Underside of bridge - Green girder paint																10/21/2025
153862	BS-18	Green	32.2	1.0	TC			NAD				NAD				NAD	10/21/2025
	Underside of bridge - Green girder paint																10/21/2025
153863	BS-19	Green	45.9					NAD				NAD				NAD	10/21/2025
	Underside of bridge - Green girder paint																10/21/2025
153864	BS-20	Dk Green	32.3					NAD				NAD				NAD	10/21/2025
	N abutment, underside - Dark green paint																10/21/2025
153865	BS-21	Dk Green	43.5					NAD				NAD				NAD	10/21/2025
	N abutment, underside - Dark green paint																10/21/2025
153866	BS-22	Dk Green	70.3					NAD				NAD				NAD	10/21/2025
	N abutment, underside - Dark green paint																10/21/2025
153867	BS-23	Gray	59.4					NAD				NAD				NAD	10/21/2025
	N abutment, underside - Off-white girder paint																10/21/2025



ASBESTOS ANALYSIS REPORT
Gravimetrically Reduced Samples
Non-Friable Organically Bound Material

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Air Quality / Asbestos / Lead / Mold
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Hunt-EAS
143 Court St

Binghamton NY
Attention: J. Driscall

Page 3 of 4

PLM Analysis Method - NY State ELAP 198.6
PLM Analysis Performed by NYS DOH ELAP ID #11973
TEM Analysis Method - NY State ELAP 198.4
TEM Analysis Performed by NYSDOH ELAP ID #11973

Tuesday, October 21, 2025

Batch Number: 18400
Date Received: 10/10/2025
Date Collected: 10/8/2025
Sampled By: Chris Bablin

Project #: BIN 5515540

Project Name: Sawkill Ruby Road over NYS Thruway, TO Ulster County, NY

Lab ID	Sample ID	Color	% Residue	Other Fibrous Material				PLM ANALYSIS				TEM ANALYSIS				Total % Asbestos	Date Analyzed PLM TEM
				%	Type	%	Type	%	Type	%	Type	%	Type	%	Type		
153868	BS-24	Gray	41.6					NAD				NAD				NAD	10/21/2025
	N abutment, underside - Off-white girder paint																10/21/2025
153869	BS-25	Gray	45.1					NAD				NAD				NAD	10/21/2025
	N abutment, underside - Off-white girder paint																10/21/2025
153870	BS-26	Off white	19.8					NAD				NAD				NAD	10/21/2025
	N abutment, underside - White column, abutment paint																10/21/2025
153871	BS-27	Off white	26.8					NAD				5.4	CH			5.4	10/21/2025
	N abutment, underside - White column, abutment paint																10/21/2025



ASBESTOS ANALYSIS REPORT
Gravimetrically Reduced Samples
Non-Friable Organically Bound Material

Safety / Industrial Hygiene
Air Quality / Asbestos / Lead / Mold
OSHA Compliance / Training
Environmental Services

Hunt-EAS
143 Court St

Binghamton NY
Attention: J. Driscall

Page 4 of 4

PLM Analysis Method - NY State ELAP 198.6
PLM Analysis Performed by NYS DOH ELAP ID #11973
TEM Analysis Method - NY State ELAP 198.4
TEM Analysis Performed by NYSDOH ELAP ID #11973

Tuesday, October 21, 2025

Batch Number: 18400
Date Received: 10/10/2025
Date Collected: 10/8/2025
Sampled By: Chris Bablin

Project #: BIN 5515540

Project Name: Sawkill Ruby Road over NYS Thruway, TO Ulster County, NY

Lab ID	Sample ID	Color	% Residue	Other Fibrous Material		PLM ANALYSIS				TEM ANALYSIS				Date Analyzed	
				%	Type	%	Type	%	Type	%	Type	%	Type	Total % Asbestos	PLM TEM

Reviewed and Approved By (and for questions regarding this report): _____

Douglas Gee, Laboratory Manager

Abbreviations:

AM - Amosite	CE - Cellulose	N/A - Not Applicable
CH - Chrysotile	FG - Fiber Glass	NA - Not Available
CR - Crocidolite	SY - Synthetic	NAD - No Asbestos Detected
TM - Tremolite	AT - Antigorite	SAFP - Stop at First Positive
AC - Actinolite	TC - Talc	(not analyzed)
AN - Anthophyllite	WO - Wollastonite	NR-Not Required - <1% Residue Remaining

TR - Trace (less than 1%)
*Insufficient sample for analysis.
**Inconclusive: Samples with inconclusive results must not be interpreted as being non-ACM.
***Analysis not performed per client's request. (Polarized-light microscopy is not consistently reliable in detecting asbestos in floor coverings 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-ACM.

Homogeneity - All samples included in this report are homogeneous. All samples have been screened prior to analysis and, if necessary, separated into discrete layers.

NOTE: HSE Consulting Services, LLC did not participate in the collection of the samples contained in this report, therefore, any information pertaining to the collection is based on information provided by the person submitting them. The results pertain only to the samples in this report.



8636 Brewerton Road, Cicero, NY 13039
Phone: 315-698-1438 / Fax: 315-698-1441

Bulk/Surface Sample Log

For Lab Use Only

Batch # 18399-153843-153851-198.1
18400-153852-153871-198.6

Date: 10/7/25

Page 1 of 2

Project Name: BIN 5515540	Client Name: HUNT-EAS	Contact: C. Bablin
Project Address: Sawkill Ruby Road over NYS Thruway, TO Ulster, Ulster County, NY	Address: 251 New Karner Rd., Albany, NY 12205	Phone/Fax: 607-427-0178
HUNT Project # 3459.006, (NYSTA design Term D214817)		E-mail: bablinc@hunt-eas.com

					For Lab Use Only	
Sample No.	Sample Location	Sample Description	Type	Layers	Analysis Method	Lab ID
BS-1	NW corner, topside	Lt. Blue railing paint, damaged, peeling	NF		198.6	153852
BS-2	SW side, topside	Lt. Blue railing paint, damaged, peeling	NF		↓	153853
BS-3	S side, central, topside	Lt. Blue railing paint, damaged, peeling	NF		↓	153854
BS-5	N Central, topside	Concrete sidewalk	NF		198.1	153843
BS-6	S Central, topside	Concrete sidewalk	NF		↓	153844
BS-7	S Central, topside	Concrete sidewalk	NF		↓	153845
BS-8	SW side, topside	Gray caulk-like material, expansion jt.	NF		198.6	153855
BS-9	S Central, topside	Gray caulk-like material, expansion jt.	NF		↓	153856
BS-10	SE corner, topside	Gray caulk-like material, expansion jt.	NF		↓	153857
BS-11	SW side, topside	Gray foam, in expansion joint	NF		198.1	153846
BS-12	S Central, topside	Gray foam, in expansion joint	NF		↓	153847
BS-13	SE corner, topside	Gray foam, in expansion joint	NF		↓	153848
BS-14	SE corner, topside	Black asphaltic tar	NF		198.6	153858
BS-15	N Central, topside	Black asphaltic tar	NF			153859
BS-16	N Central, topside	Black asphaltic tar	NF			153860
BS-17	underside of bridge	Green girder paint	NF			153861
BS-18	underside of bridge	Green girder paint	NF			153862
BS-19	underside of bridge	Green girder paint	NF			153863
BS-20	N abutment, underside	Dark green paint	NF			153864
BS-21	N abutment, underside	Dark green paint	NF			153865
BS-22	N abutment, underside	Dark green paint	NF			153866
BS-23	N abutment, underside	Off-white girder paint	NF			153867
BS-24	N abutment, underside	Off-white girder paint	NF			153868
BS-25	N abutment, underside	Off-white girder paint	NF			153869
BS-26	N abutment, underside	White column, abutment paint	NF		✓	153870

BS-21	N abutment, underside	white column, abutment paint	NF	198.6	153871
BS-28	N abutment, underside	White column, abutment paint	NF	↓	not included
BS-29	E side underside	Concrete from columns	NF	98.1	153849
BS-30	E side underside	Concrete from columns	NF		153850
BS-31	E side underside	Concrete from columns	NF	↓	153851

Sample Types: ASBESTOS: F=Friable NF=Non-Friable NOB=Non-Friable Organically Bound

MOLD: T=Tape Lift S=Swab

SAFP? (Y) N

Chain of Custody	Print Name	Signature	Date	Time
Sampled by:	Chris Bablin	C. Bablin	10/8/2025	16:30
Relinquished by:	Chris Bablin via UPS	C. Bablin	10/8/25	16:30
Received at Lab	Elizabeth H. Russell	E. Russell	10/10/25	1300
Turnaround Time	☐ RUSH (Specify): ☐ 12 Hour ☐ 24 Hour ☐ 48 Hour ☐ 72 Hour ☒ Standard (5 Day)			

Page 2 of 2

Batch #18399 - 153843-153851-198.1
18400 - 153852-153872-198.6

APPENDIX C

PCB ANALYTICAL LABORATORY RESULTS



PARADIGM
ENVIRONMENTAL SERVICES, INC.

Analytical Report For
Hunt Engineers & Architects

For Lab Project ID

254776

Referencing

HUNT# 3459.006 BINS 5515240 & 5515540

Prepared

Friday, October 17, 2025

Any noncompliant QC parameters or other notes impacting data interpretation are flagged or documented on the final report or are noted below.

Emily Laumen

Certifies that this report has been approved by the Technical Director or Designee

179 Lake Avenue • Rochester, NY 14608 • (585) 647-2530 • Fax (585) 647-3311 • ELAP ID# 10958

This report is part of a multipage document and should only be evaluated in its entirety. The Chain of Custody provides additional sample information, including compliance with the sample condition requirements upon receipt.

Report Prepared Friday, October 17, 2025

Page 1 of 8



Lab Project ID: 254776

Client: **Hunt Engineers & Architects**

Project Reference: HUNT# 3459.006 BINS 5515240 & 5515540

Sample Identifier: Gray Caulk, Sawkill-Ruby Rd. BIN 5515540

Lab Sample ID: 254776-03

Date Sampled: 10/7/2025 14:00

Matrix: Caulk

Date Received 10/10/2025

PCBs

<u>Analyte</u>	<u>Result</u>	<u>Units</u>	<u>Qualifier</u>	<u>Date Analyzed</u>
PCB-1016	< 3.05	mg/Kg		10/13/2025 17:18
PCB-1221	< 3.05	mg/Kg		10/13/2025 17:18
PCB-1232	< 3.05	mg/Kg		10/13/2025 17:18
PCB-1242	< 3.05	mg/Kg		10/13/2025 17:18
PCB-1248	< 3.05	mg/Kg		10/13/2025 17:18
PCB-1254	< 3.05	mg/Kg		10/13/2025 17:18
PCB-1260	< 3.05	mg/Kg		10/13/2025 17:18
PCB-1262	< 3.05	mg/Kg		10/13/2025 17:18
PCB-1268	< 3.05	mg/Kg		10/13/2025 17:18

<u>Surrogate</u>	<u>Percent Recovery</u>	<u>Limits</u>	<u>Outliers</u>	<u>Date Analyzed</u>
Tetrachloro-m-xylene	47.4	10 - 110		10/13/2025 17:18

Method Reference(s): EPA 8082A

EPA 3546

Preparation Date: 10/10/2025



Analytical Report Appendix

The reported results relate only to the samples as they have been received by the laboratory.

Each page of this document is part of a multipage report. This document may not be reproduced except in its entirety, without the prior consent of Paradigm Environmental Services, Inc.

All soil/sludge samples have been reported on a dry weight basis, unless qualified "reported as received". Other solids are reported as received.

Low level Volatiles blank reports for soil/solid matrix are based on a nominal 5 gram weight. Sample results and reporting limits are based on actual weight, which may be more or less than 5 grams.

The Chain of Custody provides additional information, including compliance with sample condition requirements upon receipt. Sample condition requirements are defined under the 2003 NELAC Standard, sections 5.5.8.3.1 and 5.5.8.3.2.

NYSDOH ELAP does not certify for all parameters. Paradigm Environmental Services or the indicated subcontracted laboratory does hold certification for all analytes where certification is offered by ELAP unless otherwise specified. Aliquots separated for certain tests, such as TCLP, are indicated on the Chain of Custody and final reports with an "A" suffix.

Data qualifiers are used, when necessary, to provide additional information about the data. This information may be communicated as a flag or as text at the bottom of the report. Please refer to the following list of analyte-specific, frequently used data flags and their meaning:

"<" = Analyzed for but not detected at or above the quantitation limit.

"E" = Result has been estimated, calibration limit exceeded.

"H" = Denotes a parameter analyzed outside of holding time.

"Z" = See case narrative.

"D" = Sample, Laboratory Control Sample, or Matrix Spike Duplicate results above Relative Percent Difference limit.

"M" = Matrix spike recoveries outside QC limits. Matrix bias indicated.

"B" = Method blank contained trace levels of analyte. Refer to included method blank report.

"J" = Result estimated between the quantitation limit and half the quantitation limit.

"L" = Laboratory Control Sample recovery outside accepted QC limits.

"P" = Concentration differs by more than 40% between the primary and secondary analytical columns.

"NC" = Not calculable. Applicable to RPD if sample or duplicate result is non-detect or estimated (see primary report for data flags). Applicable to MS if sample is greater or equal to ten times the spike added. Applicable to sample surrogates or MS if sample dilution is 10x or higher.

"" = Indicates any recoveries outside associated acceptance windows. Surrogate outliers in samples are presumed matrix effects. LCS demonstrates method compliance unless otherwise noted.*

"(1)" = Indicates data from primary column used for QC calculation.

"A" = denotes a parameter for which ELAP does not offer approval as part of their laboratory certification program.

"F" = denotes a parameter for which Paradigm does not carry certification, the results for which should therefore only be used where ELAP certification is not required, such as personal exposure assessment.

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GENERAL TERMS AND CONDITIONS

LABORATORY SERVICES

These Terms and Conditions embody the whole agreement of the parties in the absence of a signed and executed contract between the Laboratory (LAB) and Client. They shall supersede all previous communications, representations, or agreements, either verbal or written, between the parties. The LAB specifically rejects all additional, inconsistent, or conflicting terms, whether printed or otherwise set forth in any purchase order or other communication from the Client to the LAB. The invalidity or unenforceability in whole or in part of any provision, term or condition hereof shall not affect in any way the validity or enforceability of the remainder of the Terms and Conditions. No waiver by LAB of any provision, term, or condition hereof or of any breach by or obligation of the Client hereunder shall constitute a waiver of such provision, term, or condition on any other occasion or a waiver of any other breach by or obligation of the Client. This agreement shall be administered and interpreted under the laws of the state which services are procured.

Warranty.

Recognizing that the nature of many samples is unknown and that some may contain potentially hazardous components, LAB warrants only that it will perform testing services, obtain findings, and prepare reports in accordance with generally accepted analytical laboratory principles and practices at the time of performance of services. LAB makes no other warranty, express or implied.

Scope and Compensation.

LAB agrees to perform the services described in the chain of custody to which these terms and conditions are attached. Unless the parties agree in writing to the contrary, the duties of LAB shall not be construed to exceed the services specifically described. LAB will use LAB default method for all tests unless specified otherwise on the Work Order.

Payment terms are net 30 days from the date of invoice. All overdue payments are subject to an interest charge of one and one-half percent (1-1/2%) per month or a portion thereof. Client shall also be responsible for costs of collection, including payment of reasonable attorney fees if such expense is incurred. The prices, unless stated, do not include any sale, use or other taxes. Such taxes will be added to invoice prices when required.

Prices.

Compensation for services performed will be based on the current Lab Analytical Fee Schedule or on quotations agreed to in writing by the parties. Turnaround time based charges are determined from the time of resolution of all work order questions. Testimony, court appearances or data compilation for legal action will be charged separately. Evaluation and reporting of initial screening runs may incur additional fees.

Limitations of Liability.

In the event of any error, omission, or other professional negligence, the sole and exclusive responsibility of LAB shall be to re-perform the deficient work at its own expense and LAB shall have no other liability whatsoever. All claims shall be deemed waived unless made in writing and received by LAB within ninety (90) days following completion of services.

LAB shall have no liability, obligation, or responsibility of any kind for losses, costs, expenses, or other damages (including but not limited to any special, direct, incidental or consequential damages) with respect to LAB's services or results.

All results provided by LAB are strictly for the use of its clients and LAB is in no way responsible for the use of such results by clients or third parties. All reports should be considered in their entirety, and LAB is not responsible for the separation, detachment, or other use of any portion of these reports. Client may not assign the lab report without the written consent of the LAB.

Client covenants and agrees, at its/his/her sole expense, to indemnify, protect, defend, and save harmless the LAB from and against any and all damages, losses, liabilities, obligations, penalties, claims, litigation, demands, defenses, judgments, suits, actions, proceedings, costs, disbursements and/or expenses (including, without limitation attorneys' and experts' fees and disbursements) of any kind whatsoever which may at any time be imposed upon, incurred by or asserted or awarded against client relating to, resulting from or arising out of (a) the breach of this agreement by this client, (b) the negligence of the client in handling, delivering or disclosing any hazardous substance, (c) the violation of the Client of any applicable law, (d) non-compliance by the Client with any environmental permit or (e) a material misrepresentation in disclosing the materials to be tested.

Hazard Disclosure.

Client represents and warrants that any sample delivered to LAB will be preceded or accompanied by complete written disclosure of the presence of any hazardous substances known or suspected by Client. Client further warrants that any sample containing any hazardous substance that is to be delivered to LAB will be packaged, labeled, transported, and delivered properly and in accordance with applicable laws.

Sample Handling.

Prior to LAB's acceptance of any sample (or after any revocation of acceptance), the entire risk of loss or of damage to such sample remains with Client. Samples are accepted when receipt is acknowledged on chain of custody documentation. In no event will LAB have any responsibility for the action or inaction of any carrier shipping or delivering any sample to or from LAB premises.

Client authorizes LAB to proceed with the analysis of samples as received by the laboratory, recognizing that any samples not in compliance with all current DOH-ELAP-NELAP requirements for containers, preservation or holding time will be noted as such on the final report.

Disposal of hazardous waste samples is the responsibility of the Client. If the Client does not wish such samples returned, LAB may add storage and disposal fees to the final invoice. Maximum storage time for samples is 30 days after completion of analysis unless modified by applicable state or federal laws. Client will be required to give the LAB written instructions concerning disposal of these samples.

LAB reserves the absolute right, exercisable at any time, to refuse to receive delivery of, refuse to accept, or revoke acceptance of any sample, which, in the sole judgment of LAB (a) is of unsuitable volume, (b) may be or become unsuitable for or may pose a risk in handling, transport, or processing for any health, safety, environmental or other reason whether or not due to the presence in the sample of any hazardous substance, and whether or not such presence has been disclosed to LAB by Client or (c) if the condition or sample date make the sample unsuitable for analysis.

Legal Responsibility.

LAB is solely responsible for performance of this contract, and no affiliated company, director, officer, employee, or agent shall have any legal responsibility hereunder, whether in contract or tort including negligence.

Assignment.

LAB may assign its performance obligations under this contract to other parties, as it deems necessary. LAB shall disclose to Client any assignee (subcontractor) by ELAP ID # on the submitted final report.

Force Majeure.

LAB shall have no responsibility or liability to the Client for any failure or delay in performance by LAB, which results in whole or in part from any cause or circumstance beyond the reasonable control of LAB. Such causes and circumstances shall include, but not limited to, acts of God, acts or orders of any government authority, strikes or other labor disputes, natural disasters, accidents, wars, civil disturbances, difficulties or delays in transportation, mail or delivery services, inability to obtain sufficient services or supplies from LAB's usual suppliers, or any other cause beyond LAB's reasonable control.

Law.

This contract shall be continued under the laws of the State of New York without regard to its conflicts of laws provision.

This report is part of a multipage document and should only be evaluated in its entirety. The Chain of Custody provides additional sample information, including compliance with the sample condition requirements upon receipt.

144

REPORT TO:			INVOICE TO:			LAB PROJECT ID	
COMPANY:	HUNT-EAS		COMPANY:	SAME			
ADDRESS:	251 New Kierney Rd.		ADDRESS:	100 HUNT Center			
CITY:	Albany	STATE: NY	ZIP: 12205	CITY:	Horseheads	STATE: NY	ZIP: 14845
				Quotation #:		2547776	

REQUESTED ANALYSIS

C. F. Galt

C. Goff		10/7/25	14:00
Sampled By		Date/Time	
C. Goff		10/9/25	10:00
Relinquished By		Date/Time	
Total Cost:			
F.I.F.			
Received By		Date/Time	
AP		10/10/25	10:14
Received @ Lab By		Date/Time	

By signing this form, client agrees to Paradigm Terms and Conditions (reverse).

15°C 10/10/25 10:10

2 of 2

Chain of Custody Supplement

Client: Hunt Engineers
Lab Project ID: 254776

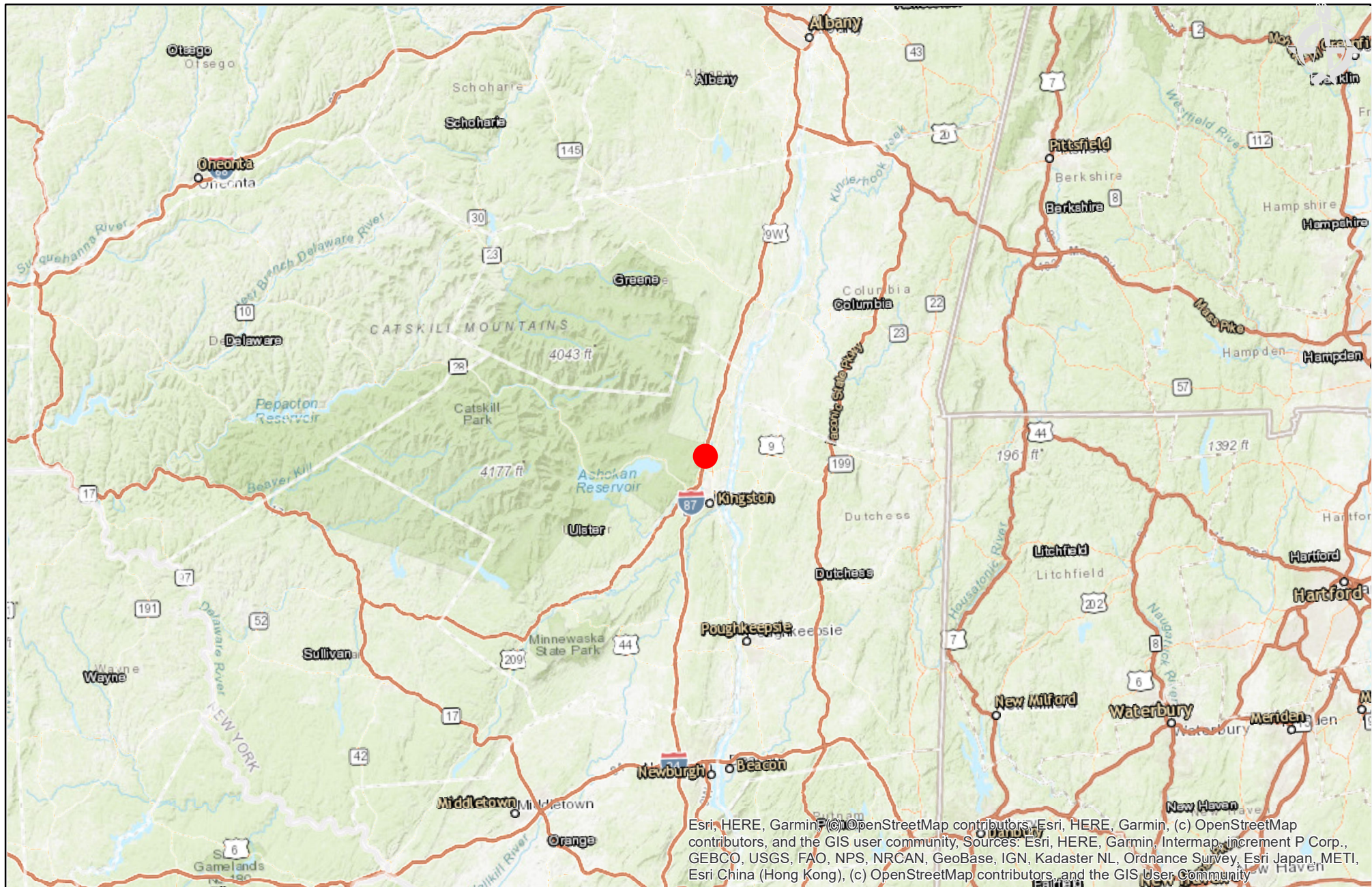
Completed by: [Signature]
Date: 10/17/2025
10 QNEE

Sample Condition Requirements
Per NELAC/ELAP 210/241/242/243/244

<i>NELAC compliance with the sample condition requirements upon receipt</i>			
Condition	Yes	No	N/A
Container Type	☒	☐	☐
Comments			
Transferred to method-compliant container	☐	☐	☒
Headspace (<1 mL)	☐	☐	☒
Comments			
Preservation	☐	☐	☒
Comments			
Chlorine Absent (<0.10 ppm per test strip)	☐	☐	☒
Comments			
Holding Time	☒	☐	☐
Comments			
Temperature	☐	☒	☐
Comments	<u>15°C</u>		
Compliant Sample Quantity/Type	☒	☐	☐
Comments			

APPENDIX D

SAMPLE LOCATION MAPS & PHOTOGRAPHS



Legend

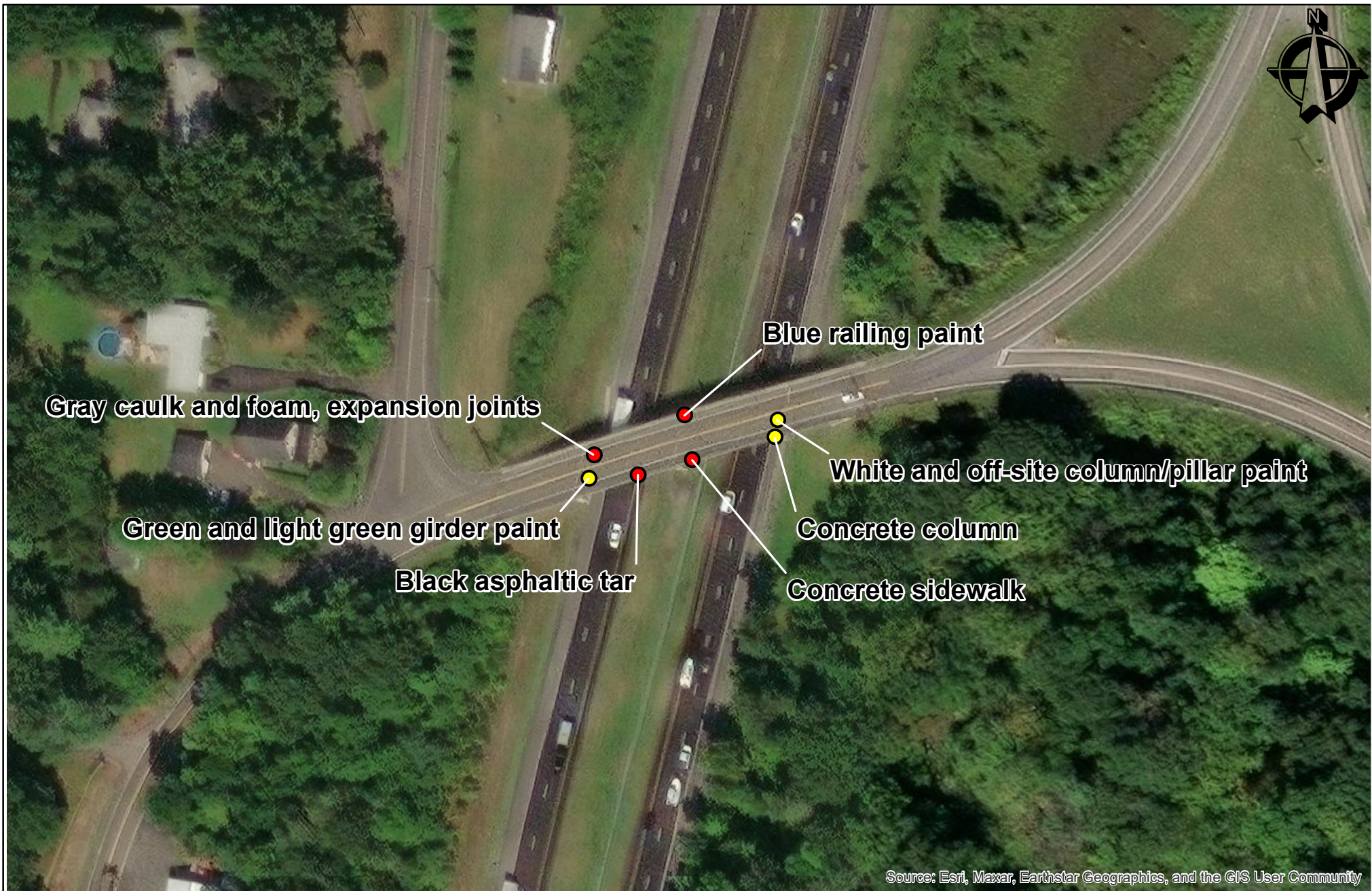
● Bridge Location

Figure 1
Subject Property Location Map

CR-90 Over I-87 at MP 95.27 (BIN #5515540)
Town of Ruby, New York
Ulster County

HUNT ENGINEERS | ARCHITECTS | SURVEYORS

0 18,750 37,500 75,000 112,500 150,000 Feet
1 inch = 75,000 feet
1:900,000



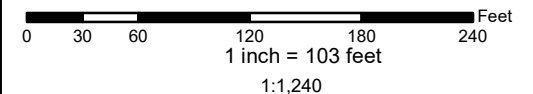
Legend

- Bridge Deck Sample Location
- Below Bridge Sample Location

Figure 2
Sample Location Map

CR-90 Over I-87 at MP 95.27 (BIN #5515540)
Town of Ulster New York
Ulster County

HUNT ENGINEERS | ARCHITECTS | SURVEYORS



August 2025

PHOTOGRAPHS

Project Name & Job Number: Sawkill Ruby Road over I-87 Asbestos Assessment- HUNT-EAS No. 3459.006

Project Address(es): CR90 (Sawkill Ruby Road) over I-87 at MP 95.27 (BIN#5515540), Town of Ulster, Ulster County, NY

Photo Number: 1

Photo Date: October 7, 2025

Photo Location: Eastern property boundary.

Direction Facing: West

Photo Description: General view of Sawkill Ruby Road bridge.



Photo Number: 2

Photo Date: July 22, 2025

Photo Location: Western bridge abutment.

Direction Facing: West

Photo Description: BIN plate and white abutment paint (BS-26).



Photo Number: 3

Photo Date: July 22, 2025

Photo Location: Bridge deck.

Direction Facing: East

Photo Description: Representative view of the bridge deck.



Photo Number: 4

Photo Date: July 22, 2025

Photo Location: Western abutment beneath bridge.

Direction Facing: East

Photo Description: Bridge pillar/girder structure.



Photo Number: 5

Photo Date: July 22, 2025

Photo Location: Western abutment beneath bridge.

Direction Facing: East

Photo Description: Bridge pillar/girder structure/rail structure.



Photo Number: 6

Photo Date: October 7, 2025

Photo Location: Western portion of bridge.

Direction Facing: South

Photo Description: Light blue railing paint (BS-1, BS-2, & BS-3).



Photo Number: 7

Photo Date: July 22, 2025

Photo Location: Bridge deck.

Direction Facing: North

Photo Description: Gray expansion joint caulk (BS-8, BS-9, & BS-10 and PCB Sample #254776-03).



Photo Number: 8

Photo Date: July 22, 2025

Photo Location: Western portion of bridge.

Direction Facing: North

Photo Description: Foam beneath expansion joint caulk (BS-11, BS-12, and BS-13).



Photo Number: 9

Photo Date: July 22, 2025

Photo Location: Central portion of bridge.

Direction Facing: West

Photo Description: Black asphaltic tar (BS-14, BS-15 & BS-16) along concrete sidewalks (BS-5, BS-6, & BS-7).



Photo Number: 10

Photo Date: July 22, 2025

Photo Location: Western portion of bridge.

Direction Facing: Northeast

Photo Description: Dark green abutment paint (BS-20, BS-21, & BS-22) and lighter green girder paint (BS-17, BS-18, & BS-19).



Photo Number: 11

Photo Date: July 22, 2025

Photo Location: Eastern portion of bridge.

Direction Facing: West

Photo Description: Off white girder paint (BS-23, BS-24, & BS-25), white column/abutment paint (BS-28), and column/pillar concrete (BS-29, BS-30, & BS-30).



Photo Number: 12

Photo Date: October 7, 2025

Photo Location: Eastern portion of bridge.

Direction Facing: East

Photo Description: Eastern abutment, sample collection of BS-27 (ACM).



Photo Number: 13

Photo Date: October 7, 2025

Photo Location: Western portion of bridge.

Direction Facing: East

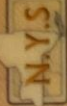
Photo Description: General view of the bridge deck.



APPENDIX E
CERTIFICATIONS

YOUR NEW CARD

STATE OF NEW YORK - DEPARTMENT OF LABOR
ASBESTOS CERTIFICATE





KERRY BLACKWOOD
CLASS(EXPIRES)
D INSP (11/25)



CERT# 25-6ZB47-SHAB
DMV# 319619361

MUST BE CARRIED ON ASBESTOS PROJECTS





STATE OF NEW YORK - DEPARTMENT OF LABOR
ASBESTOS CERTIFICATE



CHRISTOPHER J BABLIN

CLASS(EXPIRES)

D INSP (07/26) I PD (07/26)

CERT# 25-6T97Q-SHAB
DMV# 912672428

MUST BE CARRIED ON ASBESTOS PROJECTS



WE ARE YOUR DOL



**Department
of Labor**

DIVISION OF SAFETY & HEALTH LICENSE AND CERTIFICATE UNIT, STATE OFFICE CAMPUS, BLDG. 12, ALBANY, NY 12226

ASBESTOS HANDLING LICENSE

Hunt Engineers, Architects, Land Surveyors & Landscape Architect D.P.C.
100 Hunt Center, Airport Corporate Park, Horseheads, NY, 14845

License Number: 29283

License Class: RESTRICTED

Date of Issue: 08/27/2025

Expiration Date: 09/30/2026

Duly Authorized Representative: Gary Henry

This license has been issued in accordance with applicable provisions of Article 30 of the Labor Law of New York State and of the New York State Codes, Rules and Regulations (12 NYCRR Part 56). It is subject to suspension or revocation for a (1) serious violation of state, federal or local laws with regard to the conduct of an asbestos project, or (2) demonstrated lack of responsibility in the conduct of any job involving asbestos or asbestos material.

This license is valid only for the contractor named above and this license or a photocopy must be prominently displayed at the asbestos project worksite. This license verifies that all persons employed by the licensee on an asbestos project in New York State have been issued an Asbestos Certificate, appropriate for the type of work they perform, by the New York State Department of Labor.

Amy Phillips, Director
For the Commissioner of Labor

EXCELSIOR