SOUTHERN EARTH SCIENCES
Geotechnical | Environmental | Materials Testing

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Mr. Nicolas Chauvin
Escambia County BOCC - Engineering Department
3363 West Park Place
Pensacola, FL 32505

September 11, 2025
Project No.: M25-454

Re: Pre-Demolition Lead-Based Paint Survey Report
Bob Sikes Bridge Toll Plaza
401 Pensacola Beach Blvd.
Gulf Breeze, FL 32561

Dear Mr. Chauvin:

Southern Earth Sciences, Inc. (SESI) is pleased to inform you of the results of the above referenced project.

Paint containing an excess of 1.0 mg/cm^2 lead as determined by X-Ray Fluorescence (XRF) testing or 0.5% by weight based on laboratory analysis is considered to be lead-based paint by the EPA and HUD. A total of fifty-three (53) XRF readings were collected from various components on the subject structure. Three (3) of these indicated lead concentrations equal to or in excess of 1.0 mg/cm^2. The XRF readings are located in the chart below.

Sample Number	Component Description	Component Location	BGS	PC	XRF Reading (mg/cm^2)
001	Gray Wall	Bathroom	CT	I	0.3
002	Gray Wall	Bathroom	CT	I	0.3
003	Gray Floor	Bathroom	CT	I	0.0
004	Gray Door	Bathroom	M	I	0.0
005	Gray Door Casing	Bathroom	M	I	0.4
006	Gray Wall	Breakroom	GB	I	0.2
007	Gray Window Casing	Breakroom	W	I	0.1
008	Black Window Frame	Breakroom	M	I	0.2
009	Gray Exit Door	Breakroom	M	I	0.1
010	Gray Exit Door Jamb	Breakroom	M	I	0.2
011	Gray Wall	Middle Room	GB	I	0.2
012	Gray Window Casing	Middle Room	W	I	0.1
013	Black Window Frame	Middle Room	M	I	0.1
014	Gray Door	Middle Room	M	I	0.0
015	Gray Door Jamb	Middle Room	M	I	0.2

Sample Number	Component Description	Component Location	BGS	PC	XRF Reading (mg/cm^2)
016	Gray Wall	Closet	GB	I	0.2
017	Gray Wall	Entrance Room	GB	I	0.2
018	Gray Door	Entrance Room	M	I	0.1
019	Gray Door Jamb	Entrance Room	M	I	0.2
020	White Wall	Booth 1	S	I	0.1
021	Beige Ceiling	Booth 1	GB	I	0.1
022	Gray Window Casing	Booth 1	W	I	0.1
023	Black Window Frame	Booth 1	M	I	0.2
024	Gray Door	Booth 1	M	I	0.0
025	Gray Door Frame	Booth 1	M	I	0.1
026	Gray Wall	Booth 2	S	I	0.2
027	Gray Window Casing	Booth 2	W	I	0.0
028	Black Window Frame	Booth 2	M	I	0.1
029	Beige Ceiling	Booth 2	GB	I	0.1
030	White Door	Booth 2	M	I	0.2
031	White Door Jamb	Booth 2	M	I	0.2
032	Brown Door	Booth 2	M	I	0.0
033	Brown Door Casing	Booth 2	M	I	0.0
034	Gray Wall	Booth 3	S	I	0.1
035	Gray Window Casing	Booth 3	W	I	0.0
036	Black Window Frame	Booth 3	M	I	0.3
037	Beige Ceiling	Booth 3	GB	I	0.0
038	Gray Ladder	Booth 3	M	I	0.0
039	White Wall	Booth 3	W	I	0.0
040	Beige Wall	Booth 3	W	I	0.1
041	Brown Structural Member	Booth 3	C	I	0.3
042	Brown Roof Deck	Booth 3	C	I	0.3
043	Brown Wall	Exterior	S	I	0.0
044	Brown Door	Exterior	M	I	0.1

Sample Number	Component Description	Component Location	BGS	PC	XRF Reading (mg/cm^2)
045	Brown Door Frame	Exterior	M	I	0.1
046	Brown Gutter	Exterior	M	I	0.1
047	Tan Wall	Exterior	S	I	0.0
048	Black Windowsill	Exterior	M	I	0.0
049	**Yellow Bollard**	**Exterior**	**M**	**I**	**2.4**
050	**Yellow Bollard**	**Exterior**	**M**	**I**	**1.8**
051	Tan Wall	Exterior	S	I	0.3
052	Brown Wall	Exterior	S	I	0.2
053	**Yellow Striping**	**Roadway**	**C**	**I**	**2.9**

PC = Paint Condition: I = Intact, D = Defective
BGS = Background Substrate: W = Wood, GB = Gypsum Board, M = Metal, S = Stucco, C = Concrete

The following components indicated the presence of lead concentrations at or above 1.0 mg/cm^2:

- Exterior Yellow Metal Bollards (Photograph No. 1)
- Exterior Yellow Road Striping (Photograph No. 2)

Please note that the U.S. Occupational Safety and Health Administration (OSHA) regulations, 29 Code of Federal Regulations (CFR) 1926.62, applies to activities involving disturbance of coatings containing lead in any concentration. This OSHA regulation governs workers' exposure to lead paint concentrations in any amount. It is possible for paints containing less than 1.0 mg/cm^2 lead by XRF testing or less than 0.50% lead by laboratory analysis of paint chip samples to cause worker exposures above the OSHA Action Level (AL) 30 micrograms per cubic meter of air (30 ug/m^3) averaged over an 8-hour period or Permissible Exposure Limit (PEL) of 50 ug/m^3 averaged over an 8-hour period depending on the type of work being performed.

A case by case assessment of each construction activity should be conducted to determine which components should be abated prior to disturbance. The assessment should include an evaluation of the type of work that will be conducted (i.e. drilling, sawing, demolition, repainting etc.), the concentration of lead detected in the painted surface, and the results of any available prior negative exposure air monitoring data. Contractors should follow these regulations when working with lead painted components and avoid activities (sanding, torch cutting, grinding, abrading) which could produce lead fume or respirable dust.

The EPA requires that solid waste containing lead be tested using the Toxicity Characteristic Leachate Procedure (TCLP) for lead to determine if the waste must be disposed of as hazardous waste. A composite sample of any paint-chips and building components known to contain lead should be analyzed using the lead TCLP before disposing of such waste. If the laboratory results for the TCLP analysis are greater than 5.0 milligrams per liter (or 5.0 parts per million), the waste will be considered hazardous and must be properly disposed of as hazardous waste. Metal components coated with lead-based paint may be disposed of at a recycling facility as scrap metal.

Non-sampled or tested painted building components should be treated as if they contain lead until a determination can be made regarding the lead concentration of the paint coating in question.

We appreciate the opportunity to be of service to you on this project. Should you have any questions or require additional information, please contact our office.

Sincerely,
SOUTHERN EARTH SCIENCES, INC.

Adam P. Beasley
EPA Accredited Lead-Based Paint Inspector
LBP-I-I183165-2

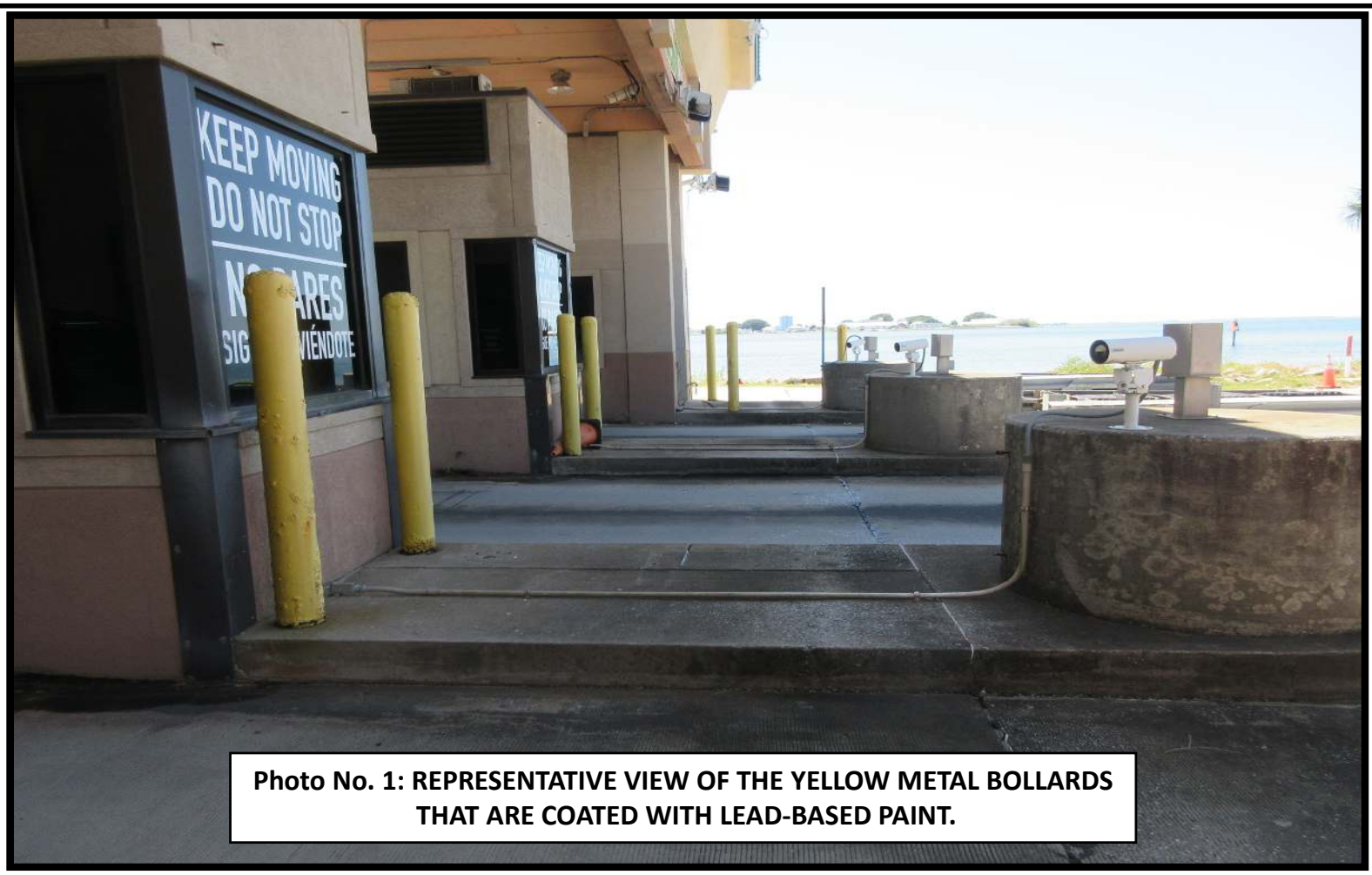


Photo No. 1: REPRESENTATIVE VIEW OF THE YELLOW METAL BOLLARDS THAT ARE COATED WITH LEAD-BASED PAINT.

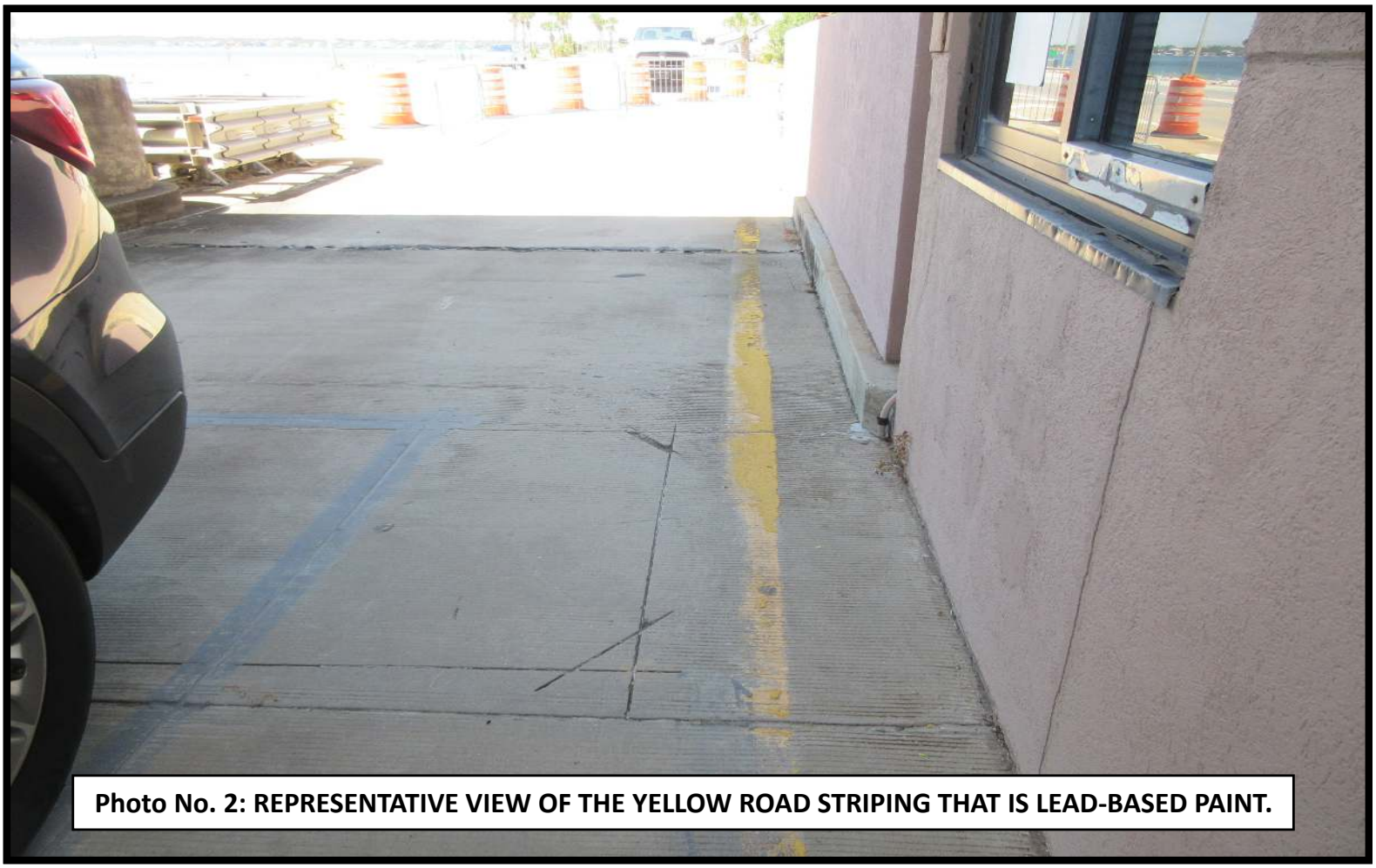
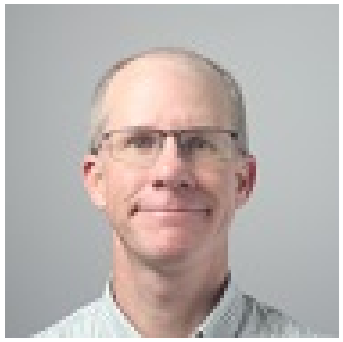


Photo No. 2: REPRESENTATIVE VIEW OF THE YELLOW ROAD STRIPING THAT IS LEAD-BASED PAINT.

United States Environmental Protection Agency

This is to certify that



Adam P Beasley

has fulfilled the requirements of the Toxic Substances Control Act (TSCA) Section 402, and has received certification to conduct lead-based paint activities pursuant to 40 CFR Part 745.226 as:

Inspector

In the Jurisdiction of:

All EPA Administered Lead-based Paint Activities Program States, Tribes and Territories

This certification is valid from the date of issuance and expires April 22, 2027

LBP-I-I183165-2

Certification #

January 12, 2024

Issued On

Adrienne Priselac, Manager, Toxics Office

Land Division