

**ASBESTOS CONTAINING MATERIALS
INVESTIGATION REPORT**

**CSX RAILROAD BRIDGE OVER I-85
MILE MARKER 80.7
SCDOT #421008500191
SPARTANBURG COUNTY, SOUTH CAROLINA**

REPORT PREPARED FOR:



PREPARED BY:

**F&ME CONSULTANTS
3112 Devine Street
Columbia, South Carolina 29205
(803) 254-4540**

February 25, 2016

Yes, asbestos was found.
 No, asbestos was not found.

E5439.000

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I. INTRODUCTION

As requested, F&ME Consultants has completed an Asbestos Containing Materials (ACM) investigation on the CSX Railroad Bridge over Interstate 85 (SCDOT #364003400900) located in Spartanburg County, South Carolina. Performed on February 1, 2016, this investigation was conducted pursuant to SCDHEC, USEPA, NESHAP, and OSHA regulations requiring an ACM investigation prior to demolition and/or renovation activities.

The purpose of this investigation is to determine if asbestos is present on the existing bridge structure. This task includes identifying and sampling suspect ACM; obtaining analytical results to determine whether or not asbestos is present; quantifying confirmed ACM; and assessing the physical condition of the ACM, where possible.

During the inspection, all bridge components (i.e. concrete bent caps, piles, columns, and expansion joints) were visually inspected for suspect ACM. The results, conclusions, and recommendations of this investigation are representative of the conditions observed at the site on the date of the field inspection. F&ME does not assume responsibility for any changes in conditions or circumstances that occur after the inspection.

This report has been prepared exclusively for the TranSystems and F&ME Consultants and shall not be disseminated in whole or part to other parties without prior consent from the TranSystems or F&ME Consultants, Inc. No other environmental issues were addressed as part of this report.

II. EXISTING BRIDGE STRUCTURE

The existing bridge structure (SCDOT Bridge #421008500191) is a one track railroad bridge used by CSX railroad. The bridge crosses over Interstate 85 at mile marker 80.7. The railroad tracks and timbers are supported by steel beams with steel cross-bracing and diaphragms. The bridge has seven (7) interior bents and two (2) end bents. The four center interior bents consist of a solid concrete pier with a concrete cap. On the north end of the bridge the outer interior bent consists of two separate concrete footings with six (6) battered H-piles per footing with one solid concrete trestle bent cap. On the south end of the bridge, the two outer interior bents are constructed the same way. The supports for the two end bents are covered with soil and rock, and the only component that is visible is the top of the concrete bent cap.

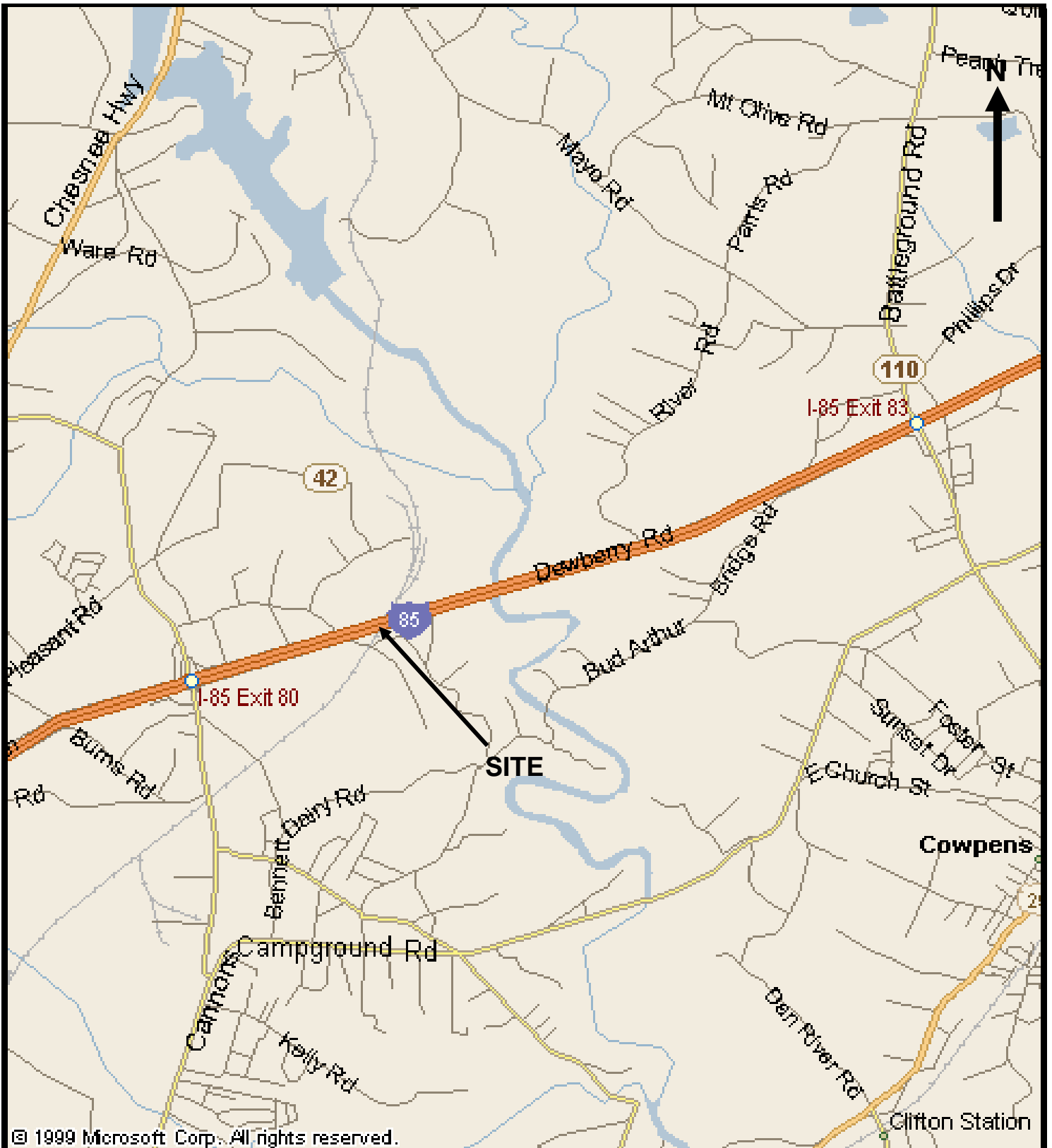
III. RECOMMENDATIONS

Given that no suspect materials were observed during the investigation, it appears that there is not an asbestos hazard present and no further action is required.

However, should any hidden and/or inaccessible ACM be encountered during demolition and /or renovation activities, the Contractor performing the work is advised to stop work, follow proper procedures and precautions relating to ACM, and contact F&ME Consultants at (803) 254-4540 for an immediate response action.

APPENDIX A

Site Vicinity Map (Figure 1)



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SITE VICINITY MAP

**CSX Railroad Bridge over I-85, Mile Marker 80.7
Spartanburg County, South Carolina**

Prepared By:	JSL	Scale:	N.T.S.
Checked By:	GME	Project:	G5439.000
Approved By:	GME	Figure:	1

APPENDIX B

Photographs



CSX Railroad Bridge over Interstate 85



CSX Railroad Bridge over Interstate 85

APPENDIX C

Personal Certifications

SCDHEC ISSUED
Asbestos ID Card

James T Timmons



CONSULTMP	MP-00196	02/25/16
AIRSAMPLER	AS-00423	02/24/16
SUPERAMERA	SA-02244	02/24/16

Expires