

Bridge Number:

AD609R NB

Route/County:

I-55/Jefferson

Asbestos-Containing Material Present?

Yes: ☐

No: ☒

If yes, see report for location(s).

Structural Steel Present?

Yes: ☒

No: ☐

If No, then skip the following.

Lead-Based Paint (LBP) Present?

Yes: ☐

No: ☒

Trusses LBP?

Yes: ☐ No: ☐

Girder LBP?

Yes: ☐ No: ☒

Railing LBP?

Yes: ☐ No: ☐

Pile LBP?

Yes: ☐ No: ☐



## MEMORANDUM

Missouri Department of Transportation  
Construction and Materials  
Central Laboratory

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**TO:** TMS  
**FROM:** Diane Roegge *Diane Roegge*  
Environmental Chemist  
**DATE:** July 10, 2016  
**SUBJECT:** Materials  
Asbestos Inspection & Heavy Metal Paint Survey  
Route I-55  
Bridge A-0609R NB  
St Louis/Jefferson County

We are providing you with the results of the inspection on the above referenced bridge. The inspection report contains an asbestos and a heavy metals survey. The asbestos inspection included identifying suspect asbestos-containing material and NVLAP accredited testing to confirm the presence of asbestos.

Form T746 – This will show if samples were taken, where from, and, if the sample was found to contain asbestos, our estimated quantity of material present. Under the column “Friability Category”, this is the meaning for the following:

N-ACM – No asbestos detected.

I NF – Asbestos is present. Material shall be handled carefully by a licensed abatement worker and kept wet if removing as part of a maintenance activity.

II NF – Asbestos is present. If removal is required for the maintenance activity, use an abatement contractor.

In accordance with Missouri Department of Natural Resources’ Technical Bulletin “Managing Construction and Demolition Waste” dated January 31, 2003, a heavy metal paint survey has been performed on the above referenced bridge. This survey includes locating concrete which has been painted with something other than traffic paint or graffiti, and testing the painted surface(s) to determine if hazardous heavy metals are present. If the bridge is being removed completely, or the maintenance repairs include removing the painted concrete, then, non-hazardous painted concrete may be used as clean fill materials, if properly handled. You must contact the Central Office Design Division for proper handling of the reported painted surfaces.

Although our survey included observing and sampling all accessible areas, it is possible that potentially hidden asbestos-containing materials may exist within the structure. Should you have any questions regarding these reports, please contact me at (573) 526-4359.

db/fr/dr

[http://sp/sites/cm/chemicallab/environmental/shared documents/asbestos/districts/st louis \(sl\)/mt/a0609r nb/dr16071014.docx](http://sp/sites/cm/chemicallab/environmental/shared%20documents/asbestos/districts/st%20louis%20(sl)/mt/a0609r%20nb/dr16071014.docx)

Attachments

## Asbestos Survey Report All Suspect ACM

SURVEYED BY:	Frank Reichart and Diane Roegge
CERTIFICATION #:	7118110315MOIR11239, F.R.
CERTIFICATION #:	7118110315MOIR7165, D.R.
SITE ADDRESS:	Northbound, Over Meramec River
TYPE(S) OF STRUCTURE(S):	Bridge

[illegible]

F = Friable

MISSOURI DEPARTMENT OF TRANSPORTATION  
CONSTRUCTION AND MATERIALS

# Asbestos Survey Report Nonfriable Asbestos-Containing Materials (Abatement not required if not made friable during demolition.)

ROUTE:  
MODOT JOB NO.:  
DISTRICT:  
COUNTY:  
DATE OF TESTS:  
PARCEL NO.:

TESTED BY:  
CERTIFICATION #:  
CERTIFICATION #:  
SITE ADDRESS:  
TYPE(S) OF STRUCTURE(S):

[illegible]

**All necessary work to handle this material is the contractor's responsibility.**

I NF = Category I Nonfriable



MISSOURI DEPARTMENT OF TRANSPORTATION  
CONSTRUCTION AND MATERIALS

# Asbestos Survey Report

**All materials requiring removal or special handling.**

ROUTE:  
MODOT JOB NO.:  
DISTRICT:  
COUNTY:  
DATE OF TESTS:  
PARCEL NO.:

TESTED BY:  
CERTIFICATION #:  
CERTIFICATION #:  
SITE ADDRESS:  
TYPE(S) OF STRUCTURE(S):

[illegible]

MISSOURI DEPARTMENT OF TRANSPORTATION  
CONSTRUCTION AND MATERIALS

Metals Survey Report of Painted Concrete, Block, Brick Surfaces for Clean Fill Purposes

ROUTE:	I-55
MODOT JOB NO.:	N/A
DISTRICT:	SL
COUNTY:	St Louis/Jefferson
SURVEYED BY:	Frank Reichart <i>W</i>
DATE OF SURVEY:	July 10, 2016

TESTED BY:	N/A
DATE OF TESTS:	N/A
PARCEL NO.:	Bridge A-0609R
SITE ADDRESS:	Northbound, Over Meramec River
TYPE(S) OF STRUCTURE(S):	Bridge

[illegible]

All results are by XRF unless otherwise indicated: a = USEPA SW-846 Method 3050 b = USEPA SW-846 Method 7471

Expiration Date 12/2/2016  
Training Date: 11/3/2015

Certificate Number: 7118110315MOIR11239

**Missouri State Certificate for Asbestos Related Occupations**

issued by Department of Natural Resources  
P.O. Box 176  
Jefferson City, MO 65102  
Phone (573) 751-4817

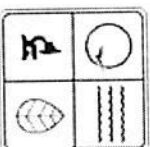
**Francis J. Reichart**

has successfully completed the requirements for certification as a INSPECTOR. This Missouri State  
Certification is subject to review and the director may deny, suspend or revoke the certification per  
RSMo chapter 643.230.

12/3/2015

Date

*Kyra L Moore*  
Director of Air Pollution Control Program





Expiration Date

12/2/2016

Certificate Number: 7118110315MOIR7165

Training Date:

11/3/2015

**Missouri State Certificate for Asbestos Related Occupations**

issued by Department of Natural Resources

P.O. Box 176

Jefferson City, MO 65102

Phone (573) 751-4817

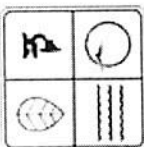
**Diane R. Roegge**

has successfully completed the requirements for certification as a INSPECTOR. This Missouri State Certification is subject to review and the director may deny, suspend or revoke the certification per RSMo chapter 643.230.

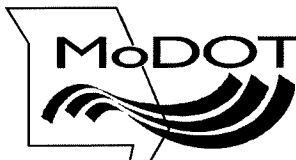
12/3/2015

Date

*Kyra L. Moore*  
Director of Air Pollution Control Program








## MEMORANDUM

Missouri Department of Transportation  
Construction and Materials  
Central Laboratory

TO: TMS

CC:

FROM: Diane Roegge   
Environmental Chemist, Lead License #110506-300003365

DATE: August 12, 2019

SUBJECT: Materials  
Job No. N/A  
I-55/Jefferson County  
Bridge A-0609R NB

On August 6, 2019, a field check of the paint system was performed on the subject bridge. A paint screening for regulated heavy metals was also performed on the subject bridge. The following results were obtained:

	19MD1R439	19MD1R440
LOCATION:	Old Girder	New Girder
Arsenic (As)	LOD*	LOD*
Chromium (Cr)	482 ppm**	481 ppm**
Lead (Pb)	139 ppm	384 ppm
Cadmium (Cd)	LOD	LOD
Selenium (Se)	LOD	LOD
Barium (Ba)	1,439 ppm (0.1%)	1,350 ppm (0.1%)
Mercury (Hg)	LOD	LOD
Silver (Ag)	LOD	LOD

\*LOD = below the detection limit of the instrument

\*\*ppm = parts per million

TMS paint data shows System G paint, applied in 2008 to the expansion areas with the remainder System F 1995. The field check and results verify the information found in TMS.

The existing paint system is NOT lead-based paint.

Should further screenings be required, please contact Todd Bennett, Chemical Laboratory Director, at (573) 751-1045. Should you have any questions, feel free to call me at (573) 526-4359.

fr/dr

[http://sp/sites/cm/chemicallab/environmental/shared documents/asbestos/districts/st louis \(sl\)/mt/a0609r nb/lbp xrf a-0609r nb.docx](http://sp/sites/cm/chemicallab/environmental/shared%20documents/asbestos/districts/st%20louis%20(sl)/mt/a0609r%20nb/lbp%20xrf%20a-0609r%20nb.docx)