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# **Asbestos Demolition Survey Report**

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**PREPARED FOR:**

**Pike County Engineer**

**FOR THE PROPERTY:**

**PIK-CR72-00.54**

**Located Near  
503 California Pike  
Beaver, Ohio 45613**

**Project Number P403230025**

**April 12, 2023**

Submitted by  
**TRANSYSTEMS CORPORATION**

**TRANSYSTEMS**

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Fax: 614.846.2602

## **EXECUTIVE SUMMARY**

The county bridge, PIK-CR72-00.54 (California Pike) is in need of replacement. The proposed project involves the replacement of the existing antiquated single span steel beam bridge. The work includes the removal of the existing structure and replacing it with a three-sided, pre-cast, concrete box culvert. Work will also include the placement of rock channel protection to reduce erosion. The county bridge is located over a Tributary of Glade Run. The project area is in Beaver, Pike County, at approximately LAT: 38.9604051, LNG: -82.8442329.

The purpose of the survey was to determine the presence, amount, location and condition of friable and non-friable asbestos-containing building materials. During the survey, all accessible areas of the bridge were inspected for suspect ACBM. The bridge is constructed of asphalt, concrete and steel.

No suspect materials were observed or sampled.

No further investigation is warranted. In the event additional suspect ACBM is discovered after demolition activities have begun, the contractor should contact a certified asbestos hazard evaluation specialist to conduct bulk sampling of the suspect material and wait for analytical results prior to continuing demolition activities. A Notification of Demolition form should be completed and submitted to the Ohio Environmental Protection Agency at least ten working days prior to demolition activities. A Notification of Demolition form has been partially completed for the structure, and is included in Appendix B.

## **1.0 INTRODUCTION**

The county bridge, PIK-CR72-00.54 (California Pike) is in need of replacement. The proposed project involves the replacement of the existing antiquated single span steel beam bridge. The work includes the removal of the existing structure and replacing it with a three-sided, pre-cast, concrete box culvert. Work will also include the placement of rock channel protection to reduce erosion. The county bridge is located over a Tributary of Glade Run. The project area is in Beaver, Pike County, at approximately LAT: 38.9604051, LNG: -82.8442329.

The purpose of the survey was to determine the presence, amount, location and condition of friable and non-friable asbestos-containing building materials (ACBM). The inspection included all accessible areas of the bridge. A site vicinity map and photographic log are presented in Appendix A.

### **1.1 Limitations of Survey**

This Inspection/Sampling Report meets the requirements of Subpart M of the National Emissions Standard for Hazardous Pollutants (NESHAP).

Please note that no asbestos survey can wholly eliminate uncertainty regarding the potential presence of asbestos within a structure. TranSystems has attempted to reduce those uncertainties through the use of standard sampling and analytical procedures. The findings of the report, based on those procedures, do not guarantee that there is no other asbestos within the inspected structure.

This report has been prepared by TranSystems Corporation for the sole use of the Pike County Engineer. Any use of this report or the information contained herein by persons or entities other than the Pike County Engineer, will be at the sole risk and liability of such person or entity. TranSystems Corporation will not be liable for any damages resulting from such third-party use.

## **2.0 SAMPLING AND ANALYSIS METHODOLOGY**

### **2.1 Sampling Procedures**

On March 22, 2023, TranSystems' accredited Ohio Asbestos Hazard Evaluation Specialist, Jessica Deeds (Certification #ES35919, expires 7/14/23) conducted an asbestos inspection for the bridge. The date of construction is not known.

Materials visually determined to be suspect were sampled according to the sampling protocol. The following is a summary of the materials noted:

#### **Thermal System Insulation**

No thermal system insulation materials were noted during the inspection.

#### **Surfacing Materials**

No surfacing materials were noted during the inspection.

#### **Miscellaneous Materials**

No miscellaneous materials were noted during the inspection.

### **2.2 Laboratory Analysis**

No samples were collected or analyzed.

### **3.0 CONCLUSIONS AND RECOMMENDATIONS**

No further investigation is warranted. In the event additional suspect ACM is discovered after demolition activities have begun, the contractor should contact a certified asbestos hazard evaluation specialist to conduct bulk sampling of the suspect material and wait for analytical results prior to continuing demolition activities. A Notification of Demolition form should be completed and submitted to the Ohio Environmental Protection Agency at least ten working days prior to demolition activities. A Notification of Demolition form has been partially completed for the structure, and is included in Appendix B.

#### **4.0 SIGNATURES OF ENVIRONMENTAL PROFESSIONALS**

This section presents the signature of the Asbestos Hazard Evaluation Specialist responsible for the preparation of this asbestos survey.

A handwritten signature in black ink that reads "Jessica Deeds". The signature is written in a cursive, flowing style.

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Jessica Deeds  
Asbestos Hazard Evaluation Specialist  
Certification #ES35919

## **Appendices**

**Appendix A:**  
**Mapping, Photographic Log, Credentials**





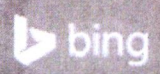
PIK-CR72-00.54  
Bridge Replacement  
California Pike  
**Aerial**  
Marion Township, Ohio

**LEGEND:**

 Study Area



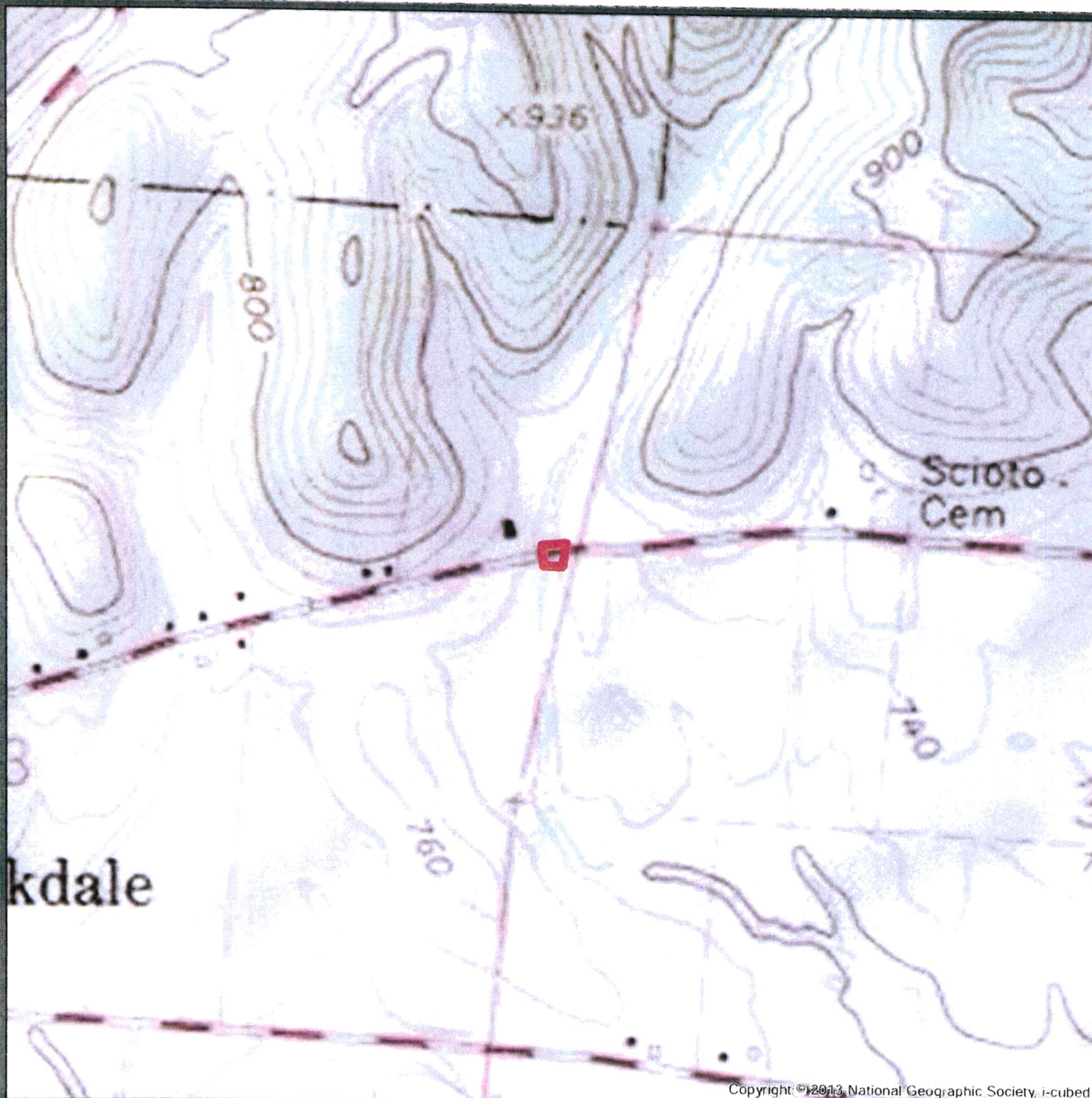
80 40 0 80  
Feet



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© 2023 TomTom

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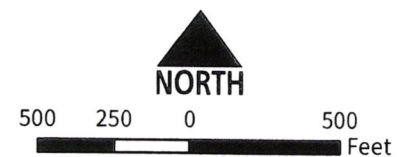




PIK-CR72-00.54  
Bridge Replacement  
California Pike  
**USGS Topographic Map**  
Stockdale, Ohio Quadrangle

**LEGEND:**

 Study Area



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Photo 1:

View of existing structure composed of concrete and steel.



Photo 2:

View of existing structure, composed of concrete and steel.

**PIK-CR72-00.54**  
**California Pike Bridge Replacement**  
**Beaver, Pike County, Ohio**

**PHOTO DOCUMENTATION**

**TRANSYSTEMS**

**Photographer:**  
 J. Deeds

**Date of Photograph:**  
 March 22, 2023

**Project Number:**  
 P403230025





Photo 3:

California Pike,  
from the existing  
structure, facing  
west.



Photo 4:

California Pike,  
from the existing  
structure, facing  
east.

**PIK-CR72-00.54**  
**California Pike Bridge Replacement**  
**Beaver, Pike County, Ohio**

**PHOTO DOCUMENTATION**

**TRANSYSTEMS**

**Photographer:**  
J. Deeds

**Date of Photograph:**  
March 22, 2023

**Project Number:**  
P403230025

State of Ohio  
Environmental Protection Agency  
Asbestos Program

Asbestos Hazard Evaluation Specialist

Jessica  
Deeds



3209 Horns Mill Road  
Sugar Grove OH 43156



Certification Number Expiration Date  
ES35919 7/14/23

DOB: 3/11/89  
Card not valid  
if altered

**Appendix B:**  
**Ohio EPA Notification of Demolition Form**





# 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](http://epa.ohio.gov/asbestos). This form can be completed, and payment made, at [ebiz.epa.ohio.gov](http://ebiz.epa.ohio.gov). Questions? [asbestos@epa.ohio.gov](mailto:asbestos@epa.ohio.gov) or (614) 466-0061.

Ohio EPA Use Only Notification #: Postmarked: / / Received: / / ☐ Hand-Delivered

### 1) Notification Information (Check all that apply)

<input checked="" type="checkbox"/> Original	<input type="checkbox"/> Revision # (count):	<input type="checkbox"/> Installation	<input type="checkbox"/> Emergency	<input type="checkbox"/> Annual	<input type="checkbox"/> Cancellation	Project County: Pike
<input type="checkbox"/> NESHAP Residential Exemption						

### 2) Owner, Asbestos Abatement Contractor, Billing and Fire Department Information

Revised? ☐

Owner		
Name: Pike County Engineer		Is this a company? <input type="checkbox"/> Yes <input type="checkbox"/> No
Address: 502 Pike Street		Contact Person: Denny Salisbury
City: Waverly	State: Ohio	Zip: 45690 -
Email: pceo@pikecounty.oh.gov	Phone: ( 740 ) 941 - 0700	Fax: ( ) -
Asbestos Abatement Contractor (if applicable)		
Name:	License #: AC	Expiration Date: / /
Address:		Contact Person:
City:	State:	Zip: -
Email:	Phone: ( ) -	Fax: ( ) -
Billing Contact (Entity paying for original notification)		
Is this contact associated with the <input type="checkbox"/> Owner, <input type="checkbox"/> Asbestos Abatement Contractor, or <input type="checkbox"/> 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: Jessica Deeds	Certification #: ES 35919	Expiration Date: 7 / 14 / 2023
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: <input type="checkbox"/> PLM <input type="checkbox"/> Point Count <input type="checkbox"/> TEM <input type="checkbox"/> Other Method (Explain Below):		

### 4) Procedures to be followed should unexpected RACM be discovered (check all that apply)

Revised? ☐

<input checked="" type="checkbox"/> Stop work and keep wet	<input type="checkbox"/> Evacuate area	<input type="checkbox"/> Demarcate area	<input checked="" type="checkbox"/> Contact licensed abatement contractor
<input type="checkbox"/> Contact district office/local air authority			
<input type="checkbox"/> 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: <input type="checkbox"/> Implosion <input type="checkbox"/> Fire Training <input type="checkbox"/> Wet Methods <input type="checkbox"/> Manual Demolition <input type="checkbox"/> Mechanical Demolition <input type="checkbox"/> Other (Explain):
Description of affected facility components (include attachment if necessary):

Mail completed form and payment to:  
Ohio EPA, DAPC – Asbestos  
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:	<input type="checkbox"/> Surfacing	<input type="checkbox"/> Mechanical	<input type="checkbox"/> Other		
Engineering Controls:	<input type="checkbox"/> Wet Methods	<input type="checkbox"/> Glove Bag	<input type="checkbox"/> NPE	<input type="checkbox"/> AFD	<input type="checkbox"/> Other:
Work Practices:	<input type="checkbox"/> Intact Removal	<input type="checkbox"/> Manual	<input type="checkbox"/> Mechanical	<input type="checkbox"/> 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: : <input type="checkbox"/> a.m. <input type="checkbox"/> 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): PIK-CR72-00.54 - California Pike		Site Location (specific): Mile Marker 00.54 on California Pike	
Address: 38.9604051, -82.8442329 Near 503 California Pike			
City: Beaver	State: OH	Zip: 45613 -	
Building Size (square feet):	No. of Floors:	Age:	
Present Use: Miscellaneous (Bridge)	Prior Use: Miscellaneous (Bridge)		

### B. Type of Operation (check all that apply)

Revised? ☐

<input checked="" type="checkbox"/> Demolition	<input type="checkbox"/> Renovation/Abatement – Type: <input type="checkbox"/> Removal <input type="checkbox"/> Repair <input type="checkbox"/> Encapsulation <input type="checkbox"/> Enclosure
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### C. Asbestos Present (check one)

Revised? ☐

<input type="checkbox"/> Yes	<input checked="" type="checkbox"/> No	<input type="checkbox"/> No, previously abated	Year Abated: _____
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### 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	
	RACM	Non-friable Asbestos-Containing Material			Non-friable Asbestos-Containing Material	
		Category I	Category II		Category I	Category II
Pipes (linear feet)						
Surface area on other facility components (ft <sup>2</sup> )						
Volume if length or area cannot be measured (ft <sup>3</sup> )						

### 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 2) 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: / /
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### H. Project Hold

Revised? ☐

Asbestos Abatement Offsite/On Hold as of Date: / /	Asbestos Abatement On Site/Off Hold, Work Resume Date: / /
Demolition Offsite/On Hold as of Date: / /	Demolition On Site/Off Hold, Work Resume Date: / /