



Guidance for Handling Asbestos in Construction Projects

Summary of Asbestos Procedures for TxDOT Projects



MEMORANDUM

TO: Administration
District Engineers
Division Directors
Office Directors

DATE: January 26, 2007

FROM: Amadeo Saenz, Jr., P.E. *AS*

SUBJECT: \ Guidance for Handling Asbestos in Construction Projects

Attached please find a *Summary of Asbestos Procedures for TxDOT Projects*. This guidance document is a collaborative effort from the Bridge Division (BRG), Environmental Affairs Division (ENV) and Construction Division (CST).

The document outlines and explains the following steps to comply with state and federal regulations regarding asbestos containing materials (ACM) on construction projects:

1. Identify all bridge demolition projects or renovation projects
2. Inspect each project for ACM in accordance with the procedures herein
3. Notify the Texas Department of State Health Services (DSHS)
4. Amend notifications as necessary
5. Pay all fees
6. Abate any ACM which might be disturbed by project activities

Each step is explained in detail, and attachments in the document provide a form for the initial assessments and requirements for testing, instructions for filling out the DSHS notification form, DSHS Regional Office locations and contact information, a list of common notification scenarios and a list of relevant specifications for ACM related work.

The document has been reviewed by DSHS to insure that we are in compliance with the applicable rules and procedures.

A link to this guidance document will be posted on the intranet sites for BRG, ENV, and CST. Please contact Brian D. Merrill, P.E., of BRG, at (512) 416-2232 or bmerrill@dot.state.tx.us for additional information or clarification.

Attachment

Texas Department of Transportation

Summary of Asbestos Procedures for TxDOT Projects

Issued January 11, 2007

Overview. Many TxDOT projects are regulated under the National Emission Standards for Hazardous Air Pollutants (NESHAP) found in 40 CFR 61 Subpart M. These Federal standards were first developed to address asbestos found in buildings but have been expanded to include demolition and renovation work on bridges and other public facilities (such as retaining walls). In Texas, the Department of State Health Services (DSHS) is responsible for administering these regulations. The following information and procedures have been prepared as guidance for TxDOT personnel.

Definitions. Asbestos Containing Material (ACM) is defined under Federal and State rules as any material that contains greater than one percent asbestos based on examination by an approved laboratory method. Regulated Asbestos Containing Material (RACM) is ACM that is found in the following quantities: 260 linear feet of pipe, 160 square feet on other components (coatings), or 35 cubic feet where length or area could not be previously measured.

Affected Activities. This guidance applies to the following TxDOT activities:

1. Bridge demolition activities.
2. Renovation activities.

Follow this guidance regardless of the stage of the project (i.e. planning, design or construction). Refer to the Right of Way Manual for guidance on clearing structures from the right of way and the Occupational Safety Manual for asbestos issues related to TxDOT offices and workplace facilities.

Asbestos issues should be identified and addressed early in the project development to minimize impacts to construction and project costs. Special specifications and special provisions are available for all of the various options mentioned in this guidance and for typical asbestos abatement work.

Steps to Comply with State and Federal Regulations

1. **Identify all bridge demolition projects or renovation projects.**
 2. **Inspect each project for ACM in accordance with the procedures herein.**
 3. **Notify the Department of State Health Services.**
 4. **Amend notifications as necessary.**
 5. **Pay all fees.**
 6. **Abate any ACM which might be disturbed by project activities.**
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Step 1: Identify all bridge demolition projects or renovation projects.

Demolition – bridge projects involving wrecking or removing structures including any related handling operations, such as cleaning up construction debris. The definition of demolition will primarily apply only to bridge replacement project. Replacing load supporting members such as decks, girders, columns, or caps due to damage is not considered to be demolition work and should be handled as renovation work.

Bridge demolitions subject to asbestos assessment and notification are limited to span-type structures, including supports, erected over a depression or an obstruction, such as water, highway, or railway. Structures consisting of culverts or pipes constructed entirely of concrete or metal do not constitute a bridge subject to these procedures.

Renovation – non-demolition projects involving the altering of a facility or facility components in any way that may disturb ACM. Examples of renovation work that may disturb ACM include the following:

- Bridge widening
- Re-decking a bridge is considered to be renovation work
- Coating removal on retaining walls, median barriers, bridges and;
- Removal of buried or suspended conduits.

Routine Maintenance Activities - the potential for disturbing ACM should always be considered, but a documented assessment is not required for certain routine maintenance activities including but not limited to:

- Asphalt overlays or seal coats for pavement
- Repair/change-out of guardrail, walls or fencing consisting of uncoated concrete, steel, or wood.
- Addition of conduits/piping and lighting.
- Sealing of cracks.
- Repairs affecting only asphalt, uncoated concrete, or uncoated steel.
- Modification of drainage openings that does not disturb coated concrete or other suspect ACM.
- Change-outs of reflectors or signs.

Step 2: Inspect each renovation project and bridge demolition project for ACM.

Inspect each in accordance with the one of the following procedures:

- A. Districts may conduct an initial assessment using TxDOT personnel to determine the potential for ACM on the project. This initial assessment may be performed by TxDOT personnel familiar with the identification of potential ACM. All personnel performing the initial assessment should be familiar with the common sources of ACM on TxDOT facilities. It is recommended that districts have staff trained in ACM identification. Training providers for the initial inspector training class can be found at <http://www.dshs.state.tx.us/asbestos/Training/ATPLST.pdf> Districts need to document the results of this assessment on the *Initial Asbestos Assessment Form* (Attachment A). Maintain a copy of this form in the project files. Should the initial assessment identify suspected ACM, hire a licensed asbestos consultant to inspect the bridge to sample and test suspect materials as outlined in the paragraph below.

- B. Obtain the services of a licensed asbestos consultant to inspect the renovation or the bridge demolition project. GSD standard specification 910-38-06 "Inspect, Sample and Test for Asbestos Containing Materials and Monitor Abatement Projects" may be used to acquire inspection & monitoring services through a District purchase of service. (Note: This purchase of service does not fall under the highway maintenance service statutes for purchase of services under \$15,000). Funding for the services will be through the district budgets. Request that the consultant's report reference bridges by their Structure Number or Bridge ID Number. Inform BRG Construction and Maintenance Branch or ENV Pollution Prevention and Abatement Branch of any findings indicating the presence of ACM. Maintain a copy of the consultant's bridge survey report in the project files. ENV also has evergreen engineering contracts available for the asbestos inspection. Contact ENV Pollution Prevention and Abatement Branch for assistance with these contracts.

When suspected ACM are found, the consultants typically test the material using Polarized Light Microscopy (PLM by EPA 600/R-93/116). If these results indicate the presence of ACM at 5% or less, it is recommended to request another test using the Point Count (EPA Point Count - 400 points) method. There have been several cases where positive test results using PLM were overturned using the more accurate point count method. The estimated cost for inspecting a bridge is around \$1600, however actual costs will vary depending on the location, complexity of the inspection, and the number of bridges to be inspected per mobilization. A PLM test costs approximately \$15 while the point count method is about \$50.

Step 3: Notify the Texas Department of State Health Services (DSHS) as required.

Notification must be made using DSHS Form APB#5, "Demolition/Renovation Notification Form". The Form and instructions can be found on the DSHS Asbestos Programs Branch web page at <http://www.dshs.state.tx.us/asbestos/notification.shtm> . The DSHS notification form must be hand-delivered or mailed (and postmarked) to the DSHS Austin offices **at least 10 working days prior to commencing the work**. Fax or e-mails are not currently accepted.

When ACM is identified, have an asbestos consultant assist in the preparation of the notification form.

When ACM is not present, TxDOT personnel may complete the DSHS notification form. See Appendix B for additional guidance on completing this form.

In some instances, multiple notifications may be required. Refer to Attachment D for common notification scenarios. Depending on whether the work is demolition or renovation the notification process will be handled in the following manner:

Demolition Work:

Notification is required for all bridge demolition projects even when ACM is not present.

For demolition projects with multiple bridges and where ACM is not present, a single notification form to DSHS may be filed. The notification must include information on each bridge. This may be done by attaching a list of bridges that includes the description/location for each bridge. For the start date, provide the best estimate possible but make sure the submission date is at least 10 working days before any start date for demolition. DSHS defines the start date as the date where some visible form of demolition activities or related handling operations begins. DSHS has indicated that the end date for demolition without ACM is not critical for their operations so the project end date can be used.

Individual notifications are required for each bridge where ACM is present and demolition start and completion dates are required to be accurate and require amendments as discussed below in Step 4.

Renovation Work:

Submit a notification for all renovation work that will disturb ACM above the regulatory thresholds. The regulatory thresholds for ACM are 260 linear feet of pipe, 160 square feet on other components (coatings), or 35 cubic feet where length or area could not be previously measured. These lengths, areas, and volumes are cumulative for the project.

Notification is not required for renovation projects when ACM is not present; when the ACM is not disturbed or when the ACM is present below the regulatory threshold.

Step 4: Amend Notifications as Necessary

For demolitions with ACM and renovations that require notification due to asbestos stripping or removal activities, amend the DSHS notification form if the demolition or renovation start date changes (Note: the start date is particularly important because DSHS inspectors often schedule site visits to coincide with the start of ACM related activities).

For projects involving the demolition of one or more bridges where ACM is not present, only changes to the start dates for demolition work on the first bridge will require amended notification to DSHS.

If initial asbestos abatement or demolition will begin earlier than scheduled, an amendment must be postmarked at least 10 working days prior to the new start date.

Note that DSHS officials have indicated that construction delays resulting in demolition starting slightly later than specified would not be an enforcement priority. However, DSHS inspectors would expect at least preparatory activities at the work site on the given start date. Inspectors would not generally visit “no asbestos” demolitions on a routine basis, however be aware that they will respond to all citizen complaints/ inquiries regardless if demolition involves asbestos or no asbestos, and they are obligated to enforce the NESHAP rules. If the start date is to be significantly delayed (i.e. no preparatory activities at the job site on the given date), call the DSHS regional office with responsibility for your area as soon as possible before the original start date. Also provide DSHS with the original amended notification as soon possible prior to, but no later than, the original start date.

Include with the amendment a copy of the original notification or the previous amendment, if any. Submission of the amended dates to DSHS regional offices by fax or e-mail is acceptable. However, always send the original amended notification to the DSHS Austin office by mail. Keep copies of all notifications and records of any discussions with DSHS in the project files.

Refer to Attachment C for DSHS office locations and contact information and Attachment D for common notification scenarios.

Step 5: Pay the DSHS notification fee for each notification, upon receipt of the invoice.

The fee is based on the amount of asbestos reported (from \$55 for no asbestos up to a maximum of \$3,210). The DSHS invoice will be submitted to the person listed in the "facility owner" section of the notification form. Finance Division recommends that each district establish a single point of contact for all DSHS invoicing. The district accounting office should process payment with appropriate signature approval and charge information and allocate to object 439 (fees). Contact Finance Division's Voucher Processing Branch for assistance with processing payments for asbestos related services or fees. FIN and DSHS are working on a direct-billing or credit card process that will automatically pay the assessed fees but this system is not in effect at this time.

Step 6: Abate any ACM which might be disturbed by project activities.

It is the Department's stated policy that asbestos abatement should be performed separately from the prime contract wherever possible. Abatement must be performed by a DSHS licensed abatement contractor. Districts can use either construction or contracted routine maintenance funds for these contracts. If maintenance funds are utilized for an abatement contract, an Automated Budget Request can be made to charge the abatement work to the construction project. Options for conducting the ACM abatement are listed below. Refer to Attachment "E" for Special Provisions and Specification relating to asbestos work. The options listed below can be utilized for abatement either before or during construction unless otherwise noted. If possible, it is preferred to abate ACM before construction. Abating ACM during construction will require significant coordination between the prime contractor and abatement contractor to minimize scheduling conflicts, traffic control, and impacts to the public, duplicated activities or unnecessary downtime. Contracting options for abatement during construction are as follows:

1. Establish an evergreen district-wide contract for asbestos abatement where the contractor is utilized on a call-out basis. The special specification for asbestos abatement (SS 5414) listed in Exhibit E will work for this type of contract. This type of contract may be more useful for larger, urban districts that have a higher probability of encountering ACM. If federal funds are used to fund this work, the special provisions listed for Federal-Aided Maintenance Required Checklist must be included in the proposal. Refer to <http://www.dot.state.tx.us/apps/specs/chklst.asp?year=3&fund=F&contract=R> for a listing of these special provisions.
2. Develop the abatement project PS&E for a normally let construction or maintenance project. The special specification for asbestos abatement (SS 5414) and the SP006-028 listed in Exhibit E will work for this type of contract. Routine maintenance contracts for this work can be either state-let or local-let projects depending on the estimated cost.
3. Procure an abatement contractor using a purchase of service contract. TxDOT may execute a purchase order for highway maintenance services estimated at less than \$15,000 as a purchase of service instead of using the normal routine maintenance contract letting procedures when TxDOT determines that:
 - i. the project does not require detailed specifications;
 - ii. there is a need to expedite the project; or
 - iii. it would be otherwise impractical to use the letting procedures.

For additional information refer to the Purchasing Manual concerning the use of purchase of services.

4. Perform the abatement work with an Emergency Contract. A District Engineer (DE) who identifies an emergency situation may immediately request a certification of emergency through from the deputy executive director. The notification shall describe the facts and nature of the emergency. Upon receiving authorization to proceed, procedures may be initiated for the procurement and award of an emergency contract. All such notifications will be documented in writing. Use of emergency contracts can be justified when unknown ACM are found at a late date, implementation of these requirements has an impact on a previously or about to be let project, and the delay in acquiring a separate

contractor will have a significant impact on the prime contractor's work schedule and may result in significant payments to address damages. Refer to the Maintenance Contract Manual at <http://txdot-manuals/dynaweb/colinfra/mct> for more information regarding emergency contracting procedures.

5. Use the Prime Contractor to abate ACM during construction. Inclusion of ACM abatement work in the construction contract bid documents will require Administration approval and will only be considered when the following conditions are met:
 - A Work for removal of the structure is so intrinsic with the abatement work that the work cannot be separated. (e.g. There are asbestos containing bearing pads in the structure that are attached and removal will require demolition or lifting of the structure.)
 - B The abatement work will require additional lane/road closures that could be reduced if the prime contractor performed the work in conjunction with the other structure work. This criterion applies to high traffic volume locations where the impact to traffic is severe.
 - C Having two separate contractors perform work creates excessive risk to the department. (e.g. Coordination and timing would put the department at excessive risk for claims or additional risk is generated for the public.)

Under this scenario, ACM abatement is included in the construction contract plans. If previously unknown ACM are encountered on a project, ACM abatement can be handled as a change order under the contract if the contractor is willing and able.

While the Department does not require a Contractor to remediate or remove hazardous materials (unless otherwise shown in the plans) that they did not introduce onto the work location, if the Contractor is willing and able to remediate the contamination, the contract can be modified to address the cleanup. The term "able" means they have the expertise, licenses, and insurance to perform the remediation. In order to incorporate the remediation work into the contract, a Supplemental Agreement must be executed between the Department and the Contractor. A Supplemental Agreement is a formal agreement between the contracting parties amending the contract. A Supplemental Agreement is signed by a department representative, a Contractor representative, and is approved by the surety. If the Contractor is willing and able to conduct the remediation, coordinate with the Construction Division for verification of qualifications and filing of the required insurance certificates.

Contacts for more information:

The following are Division contacts for these asbestos procedures:

BRG	Brian D. Merrill, P.E.	512-416-2232	BMERRILL@dot.state.tx.us
CST	John Jameson	512-416-2432	JJAMESO@dot.state.tx.us
ENV	Rodney Concienne	512-416-3012	RCONCIE@dot.state.tx.us

Asbestos Guidance Document - Attachment "A"

Initial Asbestos Assessment Form

Initial Asbestos Assessment Form

Structure Information

TxDOT District (Name/Number): _____

County (Name/Number): _____

Structure Number: _____ Highway: _____

Facility Crossed/Structure Name _____

Location: _____

Contact Bridge Inspection Coordinator for bridge information

Initial Inspection: This initial assessment may be performed by TxDOT personnel familiar with the identification of potential asbestos containing material (ACM) or by a licensed asbestos consultant. All TxDOT personnel performing the initial assessment should be trained in the identification of ACM.

Do project activities have the potential to disturb the following?

- | | | |
|---|---------|--------|
| • Coated pipelines or asbestos cement utility lines? | ___ YES | ___ NO |
| • Waterproofing mastics, caulk or coatings? | ___ YES | ___ NO |
| • Concrete stain, paint, opaque sealer or coating? | ___ YES | ___ NO |
| • Painted or coated steel? | ___ YES | ___ NO |
| • Insulation or joint compounds (fiber board and sealants)? | ___ YES | ___ NO |
| • Felt bearing pads on pan girders or flat slab bridges? | ___ YES | ___ NO |
| • Any other suspected ACM? | ___ YES | ___ NO |

If YES to any of the above questions, retain a licensed asbestos consultant to conduct a confirmatory inspection and testing. Continue with DSHS notification and abatement requirements as necessary.

If NO to all of the above questions, the initial asbestos assessment is complete. Proceed with DSHS notification as required (Note: All demolition projects require notification to DSHS). Maintain a copy of this assessment form in the project file.

Name _____ Title _____

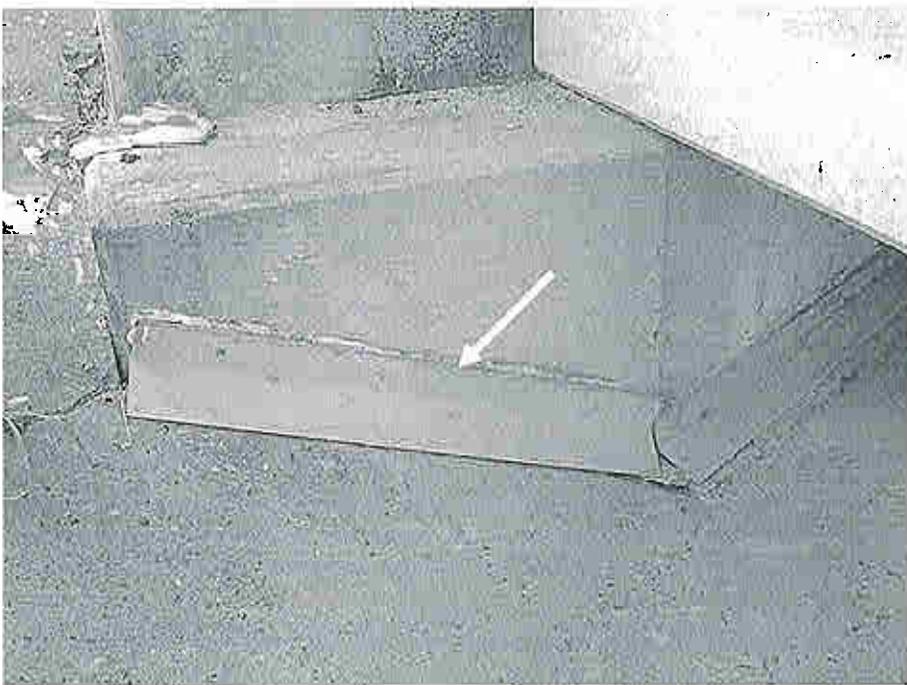
Phone _____

Signature _____ Date _____

Common Sources of ACM on Bridges



Coatings on concrete: it should be assumed that any paint on concrete could contain asbestos and should be tested by a licensed inspector.



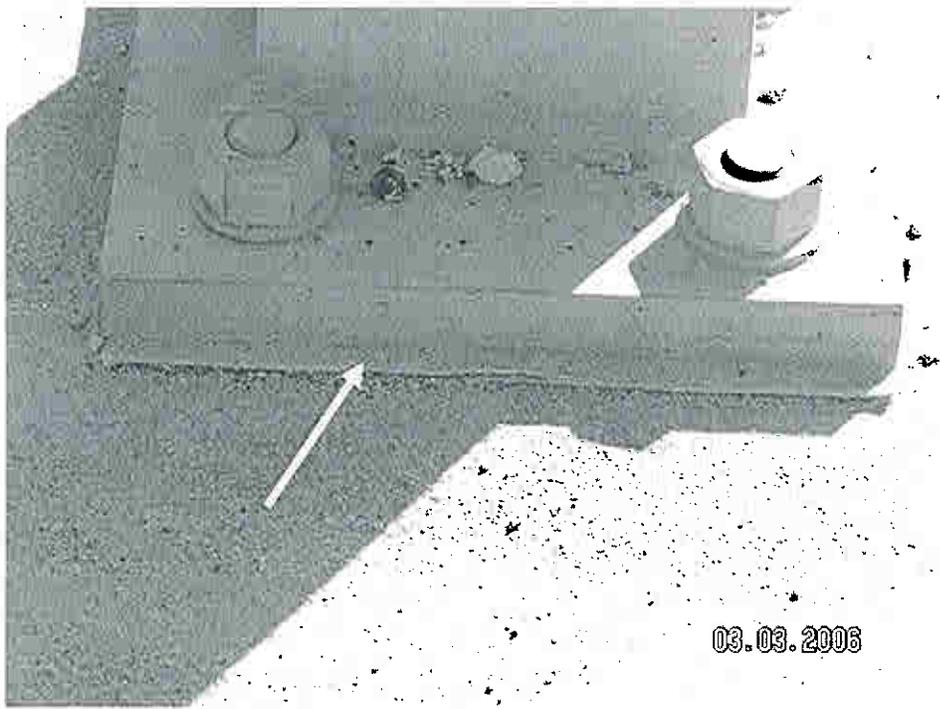
Mastic used to adhere or seal flashing



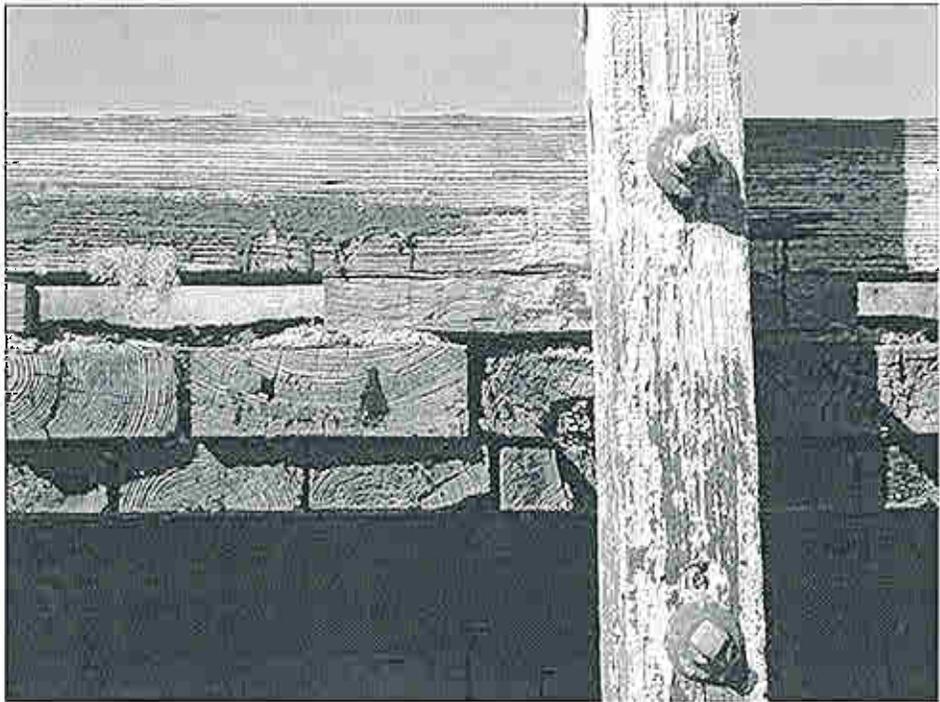
Transite pipe (contains asbestos)



Roofing felt or fiberboard bearing material



Rail Post Isolator Pad



Coatings on wood posts or timber piles

Asbestos Guidance Document - Attachment "B"

**Instructions for Completing DSHS Asbestos Notification Form for a
Typical Bridge Demolition Project, No Asbestos Present, Includes
Completed Sample Form**

Instructions for Completing DSHS Asbestos Notification Form

New form issued by DSHS May 2007

*The following are step by step instructions for completing each item in the DSHS Notification Form for a typical bridge demolition project **with no asbestos present**. It is recommended that an asbestos consultant or abatement contractor assist with form preparation and submittal for abatement projects or when asbestos is present on the structure. For complete instructions refer to the form instructions available on the DSHS Asbestos Program's Branch web site. Also refer to the generic TxDOT example form found in this document.*

Type of Notification:

Toggle the "Original" box for a new notification. If it is an amendment, fill in the amendment number and resubmit using the same form, with the box toggled just to the left of the amended item. The rest of the information is for emergency notifications, cancellations, ordered demolitions due to unsound structures.

Type of Work:

Toggle the "Demolition" box.

****The boxes along the left edge are to only be toggled when performing an amendment to an existing *Asbestos/Demolition Notification Form*.**

Facility Information:

1. Facility Location

Description or Facility Name: Provide a bridge name or description along with the Structure number or Bridge ID number. For address provide a description of the location as found in the Bridge Database and county, plus city if applicable. Indicate "N/A" for the zip. Facility phone and contact would be the Area Engineer or designated district contact.

2. Type of Facility

Toggle "NESHAP Only".

3. Facility Details

- Description of Area/Room number is "N.A".
- Provide age of bridge and size (square ft.). Number of floors is "N.A".
- Is the building occupied? Toggle "No"
- Prior use is "Bridge".
- Future Use is "N.A".
- Date of Asbestos Survey/ NESHAP Inspection: Provide the survey date which is the date of the consultant inspection or the date of the TxDOT initial asbestos inspection. When using only the TxDOT assessment form, the Inspector License Number will be "NA". Analytical method is generally

“PLM” (polarized light microscopy). If no suspect materials were identified leave the analytical method blank. Laboratory license number would be in the survey report or write “N.A., no suspect materials” when no suspect materials were identified to sample. If a consultant report was provided, the asbestos survey, inspector & lab info will be available from their inspection report. Inspector license # may be “NA” for in-house inspections.

Work Schedule/Asbestos Amount:

1. Asbestos Abatement Work Schedules

Start Date: “N.A.”

2. Demolition Work Schedule:

- Start Date/End Date: Provide the best estimate of the start date for demolition. DSHS defines this start date as the date where some visible form of demolition activities or related handling operations begins. For projects with multiple bridges and no asbestos (or cumulative asbestos less than NESHAP thresholds), provide the start date for the first bridge, based on project time-line best estimates. Amended notification is required only when the start date for the first bridge changes, not for each bridge within the project. Make sure that the indicated start date will be at least 10 working days from the date the notification is postmarked.
- Work Days: Toggle the days you plan on working
- Working Hours: Insert the hours you plan on working

Asbestos Amounts:

Is Asbestos Present: Toggle the “No” box above the table. *If asbestos materials are present, seek assistance from a DSHS licensed consultant.*

Asbestos –Containing Building Material Type:

Skip this section. This is only to be used when performing abatements.

Description of Work Practices and Procedures:

1. **Procedures for Unexpected Asbestos:** Write the following, “ Stop work, restrict access, contact project manager and asbestos consultant, and notify DSHS.”
2. **Description of planned demolition or renovation work, type of material, and methods to be used:** Briefly describe how the bridge will be demolished (i.e. dismantling of bridge using heavy equipment, demolition using controlled explosives, etc).
3. **Description of work practices and engineering controls used to prevent asbestos emissions:** Write “N.A.”

Project Information:

- A. **Facility Owner:** Usually this will be the TxDOT District. Provide contact information for the designated person at the District. This person will receive the invoice for the notification fee from DSHS. For off system bridges indicate:

“Texas Dept. of Transportation for Facility Owner” and use the district’s designated person as the contact.

- B. **Asbestos Abatement Contractor #1:** Write "N.A." in the spaces provided for the abatement contractor information.
- C. **Asbestos Abatement Contractor #2:** Write "N.A." in the spaces provided for the abatement contractor information.
- D. **Asbestos Supervisor:** Write "N.A." in the spaces provided for the Asbestos Supervisor.
- E. **NESHAP Trained Individual:** Write "N.A." in the spaces provided for NESHAP trained individual.
- F. **Demolition Contractor:** Write the name of the demolition contractor and provide the contact information.
- G. **Project Consultant or Operator:** Write “N.A.”.
- H. **Waste Transporter:** Write “N/A, no asbestos”
- I. **Waste Disposal Site:** Write “N.A, no asbestos”

Certification Statement:

TxDOT’s designated employee, or a delegated consultant, should sign the form.

Mail information:

Mail the form to DSHS at the address on the form postmarked *at least 10 working days* prior to the demolition start date. Facsimiles or electronic transmissions are not acceptable for the original notification.

For Office Use Only:
Notification #: _____

ASBESTOS/DEMOLITION NOTIFICATION FORM

DO NOT WRITE IN THIS BOX- FOR DEPARTMENT USE ONLY
Date received: ___/___/___ Postmark date: ___/___/___ Walk-in date: ___/___/___

TYPE OF NOTIFICATION: *(Select one and fill in the requested information)*

ORIGINAL AMENDMENT No. ___ CANCELLATION

EMERGENCY

• Was emergency request made to the Regional Office or Environmental Health Notifications Group (EHNG) by phone?
 Yes No

• If yes, the DSHS reference #: _____ and name of the Regional or EHNG representative with whom you spoke? _____
Date: ___/___/___ Time: ___ a.m. p.m.

• Describe the reason for Emergency: _____

ORDERED: *(For structurally unsound facilities, attach copy of demolition order and identify Governmental Official)*

Name: _____ Registration No. _____

Title: _____

Date of order (MM/DD/YY): ___/___/___ Date order to begin (MM/DD/YY): ___/___/___

(x)
Below if
Amended

AMENDMENTS: *You must complete the entire form and mark the appropriate check box(es) along the left-hand side of this form to indicate amended information.*

TYPE OF WORK

Asbestos Abatement Demolition Annual Consolidated O&M Abatement/Demolition

Is this a phased project? Yes No

FACILITY INFORMATION

1. Facility Location

..... Description or Facility Name: **[Bridge Name/Descr. & Bridge ID #] or See Attached List for mult brid**

..... Physical Address: **:[Hwy #, describe physical location]**

..... County: **(XXXXXX)** City: **(XXXXXX)** Zip: **(XXXXXX)**

..... Facility Contact: **(A.E. or other District Contact)** Phone #: **(XXX) XXX-XXXX**

2. Type of Facility (Select one)

Public Federal Industrial/Manufacturing NESHAP-Only Public School K-12

3. Facility Details

..... Description of Area/Room Number: **N/A**

..... Age of Building: **(Age-years)** Size: **(sq ft)** Number of Floors: **N/A**

..... Is this building occupied? Yes No

..... Prior Use: **Bridge**

..... Future Use: **N.A**

..... Date of Asbestos Survey/NESHAP Inspection: **XX/XX/XX**

..... DSHS Inspector License #: **(License #) or (N/A - no suspect material found)**

..... Analytical Method: PLM TEM Assumed Asbestos No Suspect Material

..... DSHS Laboratory License #: **(License #) or (N/A - no suspect material found)**

WORK SCHEDULE/ASBESTOS AMOUNTS *(Note: if the start date(s) entered below cannot be met, the DSHS Regional or Local Program office must be notified prior to the scheduled start date. Failure to do so is a violation of TAJPA Section 295.61.)*

1. Asbestos Abatement Work Schedule:

..... Start date: **NA/ /** and End date: **/ /**

..... Work days: Mon. Tues. Wed. Thurs. Fri. Sat. Sun.

..... Working hours: ___ a.m. p.m. to ___ a.m. p.m.

2. Demolition Work Schedule:

..... Start date: **XX/XX/XX** and End date: **XX/XX/XX**

..... Work days: Mon. Tues. Wed. Thurs. Fri. Sat. Sun.

..... Working hours: **XXXX** a.m. p.m. to **XXXX** a.m. p.m.

(x)
Below if
Amended

C. ASBESTOS AMOUNTS

..... Is Asbestos Present? Yes No (Complete the table below if asbestos is present)

Asbestos-Containing Building Material Type	Approximate amount of Asbestos						
	Pipes	Ln Ft	Ln M	Surface Area	SQ Ft	SQ M	Cu Ft
<i>*Only mark the boxes below on this chart if they are being amended</i>							
<input type="checkbox"/> RACM to be removed		<input type="checkbox"/>	<input type="checkbox"/>		<input type="checkbox"/>	<input type="checkbox"/>	
<input type="checkbox"/> RACM left in place during demolition		<input type="checkbox"/>	<input type="checkbox"/>		<input type="checkbox"/>	<input type="checkbox"/>	
<input type="checkbox"/> Interior Category I non-friable removed		<input type="checkbox"/>	<input type="checkbox"/>		<input type="checkbox"/>	<input type="checkbox"/>	
<input type="checkbox"/> Exterior Category I non-friable removed		<input type="checkbox"/>	<input type="checkbox"/>		<input type="checkbox"/>	<input type="checkbox"/>	
<input type="checkbox"/> Category I non-friable left in place during demolition		<input type="checkbox"/>	<input type="checkbox"/>		<input type="checkbox"/>	<input type="checkbox"/>	
<input type="checkbox"/> Interior Category II non-friable removed		<input type="checkbox"/>	<input type="checkbox"/>		<input type="checkbox"/>	<input type="checkbox"/>	
<input type="checkbox"/> Exterior Category II non-friable removed		<input type="checkbox"/>	<input type="checkbox"/>		<input type="checkbox"/>	<input type="checkbox"/>	
<input type="checkbox"/> Category II non-friable left in place during demolition		<input type="checkbox"/>	<input type="checkbox"/>		<input type="checkbox"/>	<input type="checkbox"/>	
<input type="checkbox"/> RACM Off-Facility Component							

DESCRIPTION OF WORK PRACTICES AND PROCEDURES

..... 1. Description of procedures to be followed in the event that unexpected asbestos is found or previously non-friable asbestos material becomes crumbled, pulverized, or reduced to powder: **Stop work, restrict access, contact project manager and Asbestos Consultant, Notify DSHS.**

..... 2. Description of planned demolition or abatement work, type of material, and method(s) to be used: **(Briefly describe the demolition method.)**

..... 3. Description of work practices and engineering controls to be used to prevent emissions of asbestos at the demolition site: **N.A.**

PROJECT INFORMATION

..... **A. FACILITY OWNER**

Facility Owner Name: **Texas Department of Transportation**
 Phone #: **(XXX) XXX-XXXX**
 Attention: **(Name of District contract - this person will receive the invoice for the notification fee)**
 Mailing Address: **(Address for District contact)**
 City: **(District Contact city)** State: **TX** Zip: **XXXXXX**

..... **B. ASBESTOS ABATEMENT CONTRACTOR #1**

DSHS Asbestos Contractor License #: **N.A.**
 Contractor Name: _____
 Address: _____
 City: _____ State: _____ Zip: _____
 Office Phone #: () - - Job-Site Phone #: () - -

..... **C. ASBESTOS ABATEMENT CONTRACTOR #2 (Only if there is more than one Contractor)**

DSHS Asbestos Contractor License #: **N.A.**
 Contractor Name: _____
 Address: _____
 City: _____ State: _____ Zip: _____
 Office Phone #: () - - Job-Site Phone #: () - -

D. ASBESTOS SUPERVISOR

..... DSHS Supervisor License #: **N.A.** Site Supervisor: **N.A.**
 DSHS Supervisor License #: **N.A.** Site Supervisor: **N.A.**

(x)

Below if

Amended **E. NESHAP TRAINED INDIVIDUAL**

..... NESHAP Trained Individual: N.A.
Certification Date: / /

..... **F. DEMOLITION CONTRACTOR**
Demolition Contractor: (Name of Contractor)
Address: (Contractor Address)

City: (Contractor City) State: XX Zip: XXXXXX Phone #: (XXX) XXX-XXXX

..... **G. PROJECT CONSULTANT OR OPERATOR**

DSHS License No.: _____
Project Consultant or Operator: N.A.
Address: _____
City: _____ State: _____ Zip: _____ Phone #: () - _____

..... **H. Waste Transporter**

DSHS Waste Transporter License #: _____
Waste Transporter: N/A, no asbestos
Address: _____
City: _____ State: _____ Zip: _____
Contact Person: _____ Phone #: () - _____

..... **I. Waste Disposal Site**

TCEQ Permit #: _____
Waste Disposal Site: N.A. no asbestos (bridge materials become property of hwy contractor/ retained by TxDOT)
Address: _____
City: _____ State: _____ Zip: _____
Phone #: () - _____

CERTIFICATION STATEMENT

I hereby declare that I have examined this notification and, to the best of my knowledge and belief, all information provided is complete, true, and correct. I affirm that I am the owner, operator, or delegated agent and that I am responsible for the fee associated with this notification. I also understand that the owner, operator, or delegated agent is responsible for notification to the department.

(TxDOT or Delegated Consultant signs) _____
(Signature of Owner, Operator or Delegated Agent)

Date: XX/XX/XX

(Printed Name & Title)

E-mail Address: XXX@XXXXX Phone #: (XXX) XXX-XXXX

IMPORTANT INFORMATION

NOTIFICATION TIMELINESS REQUIREMENT:

Your Asbestos/Demolition Notification form must be postmarked no less than ten working days (not calendar days) prior to the start of any asbestos abatement or demolition.

FILING FEE: An invoice will be mailed to the facility owner upon completion of the project.

CALL FOR ASSISTANCE: (512) 834-6747 or (888) 778-9440 (toll free in Texas)

MAIL FORM TO: ENVIRONMENTAL HEALTH NOTIFICATIONS GROUP
TEXAS DEPARTMENT OF STATE HEALTH SERVICES
PO BOX 143538
AUSTIN, TX 78714-3538

Attachment "C"

DSHS Asbestos Program - Regional Office Contacts and Map

DSHS ASBESTOS PROGRAM – Regional Office Contacts and Map

Asbestos Regional and Local Program Inspectors

<p>Public Health Region 1</p> <p>Toxic Substances Control Staff</p> <p>IH – Ben Gordon, R.S. (Lubbock) (806) 767-0442 Fax: (803)767-0437</p> <p>ASB – Brett Naugher, R.S.(Canyon) (806) 655-7151 x 216 brett.naugher@dshs.state.tx.us Fax: (803) 655-7159</p> <p>Regional Office Locations</p> <p>Lubbock 1109 Kemper, 79403-2523 (806) 744-3577</p> <p>Canyon 300 Victory Dr., 79015 (806) 655-7151</p>	<p>Public Health Region 2/3</p> <p>Toxic Substances Control Staff</p> <p>IH – Ken McBride, P.E. (Arlington) (817) 264-4683 Fax: (817) 264-4719</p> <p>ASB – Robert Aguirre (Arlington) (817) 264-4675 robertb.aguirre@dshs.state.tx.us Frank Rodriguez (Arlington) (817) 264-4513 frankj.rodriguez@dshs.state.tx.us Ted Wyman (817) 264-4738 tedc.wyman@dshs.state.tx.us Fax: (817) 264-4719 Kelley Waller (Abilene) (325) 795-5863 kelley.waller@dshs.state.tx.us Fax: (325) 795-5853</p> <p>Regional Office Locations</p> <p>Arlington 1301 S. Bowen Road, Suite 200,76010 (817) 264-4500</p> <p>Abilene 4601 S. 1st Street, 79605 (325) 795-5851</p>	<p>Public Health Region 4/5north</p> <p>Toxic Substances Control Staff</p> <p>IH – Cecil Fambrough, R.S. (903) 533-5241 Fax: (903) 535-7594</p> <p>ASB – Mark Ellis (903) 533-5272 mark.ellis@dshs.state.tx.us Fax: (903) 535-7594</p> <p>Regional Office Location</p> <p>Tyler 1517 W. Front Street, 75702-7854 (903) 595-3585</p>
<p>Public Health Region 6/5south</p> <p>Toxic Substances Control Staff</p> <p>IH – Violet Ilegbodu, PHD (713) 767-3271 Fax: (713) 767-3299</p> <p>ASB – Gary Williams (713) 767-3253 gary.williams@dshs.state.tx.us Bill Reid (713) 767-3270 william.reid@dshs.state.tx.us Mary Salazar (713) 767-3260 mary.Salazar@dshs.state.tx.us Timothy Beavers (713) 767-3299 timothy.beavers@dshs.state.tx.us Fax: (713) 767-3299</p> <p>Regional Office Location</p> <p>Houston 5425 Polk Ave., Suite J, 77023 (713) 767-3258</p>	<p>Public Health Region 7</p> <p>Toxic Substances Control Staff</p> <p>IH – Mike Meriage (Temple) (254) 778-6744 x2710 Fax: (254) 778-4066</p> <p>ASB – Jorge Montemayor (Austin) (512) 834-6770 x 2169 jorge.montemayor@dshs.state.tx.us Fax: (512) 834-4524 Gene Mikeska (Waco) (254) 757-0370 gene.Mikeska@dshs.state.tx.us Fax: (254) 753-0879</p> <p>Regional Office Locations</p> <p>Temple 2408 S. 37th Street, 76504-7168 (254) 778-6744</p> <p>Austin 8407 Wall Street, Suite N340, 78754 (512) 834-6770</p> <p>Waco 225 West Waco Dr., 76707 (254) 750-5459</p>	<p>Public Health Region 8</p> <p>Toxic Substances Control Staff</p> <p>IH – Bill Lloyd (210) 949-2172 Fax: (210) 949-2146</p> <p>ASB – Kirk Loftin (210) 949-2108 kirk.loftin@dshs.state.tx.us Frank Martinez (210) 949-2173 frank.martinez@dshs.state.tx.us Fax: (210) 949-2146</p> <p>Regional Office Location</p> <p>San Antonio 7430 Louis Pasteur Drive,78229 (210) 949-2000</p>

Public Health Region 9/10

Toxic Substances Control Staff

IH – Jim Duran (El Paso)
(915) 629-3209
Fax: (915) 834-7842

ASB – Elizabeth Dembicky (El Paso)
(915) 629-3253
elizabeth.dembicky@dshs.state.tx.us
Fax: (915) 834-7842
Roman Zarate (Midland)
(432) 571-4114
roman.zarate@dshs.state.tx.us
Fax: (432) 684-3932

Regional Office Locations

El Paso
401 East Franklin, Suite 210, 79901
(915) 834-7675

Midland
2301 N. Big Spring, Suite 300, 79705
(432) 683-9492

Public Health Region 11

Toxic Substances Control Staff

IH – William Ashton, R.S.
(956) 4444-3201

ASB – E. “J. R.” Arevalo
(956) 4444-3213
eustolio.arevalo@dshs.state.tx.us

Regional Office Location

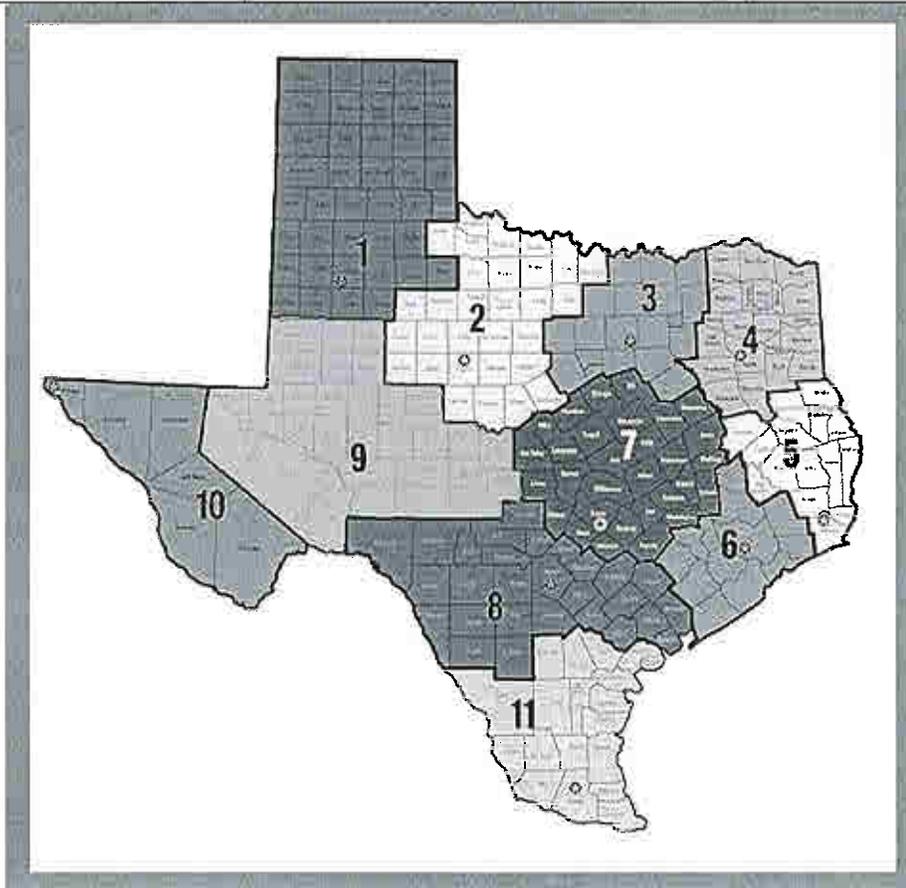
Harlingen
601 W. Sesame Drive, 78550-7996
(956) 423-0130
Fax: (956) 4444-3299

El Paso – City Air Quality Program

Asbestos Inspections

ASB – Jesus “Chewy” Reynoso
(915) 543-3661
Fax: (915) 543-3665

El Paso
1148 Airway Blvd., 79925
(915) 771-5801



Attachment "D"

Asbestos Notification Scenarios

Asbestos Notification Scenarios

Case	Project Description	# of Notifications	Explanation of Notifications	Notification Date*	Amended Notifications Required?
1	Removing one or more bridges, ACM not present	1	One notification at beginning of project required for demolition: indicate no ACM present; list all bridges on same form (may require attachment)	Best estimate of demolition start date for first bridge	Amendments are required only if the start date for the first bridge changes. Amend the original notification if the start date of actual demolition for the first bridge moves up or if the date is pushed back enough that there is no visible preparation activities at the site.
2	Removing one or more bridges, ACM is present and is abated separately	2	1st notification is for asbestos abatement work (renovation). 2 nd notification is for bridge demo work per Case #1	1: Actual start of abatement work 2: Est. start date for demo work	Required if start date for 1st notification (abatement work) changes. See case 1 for demo work.
3	Removing one or more bridges, ACM is present and is abated during demolition	1+	One notification required for abatement with demolition. Indicate ACM is present. This is not the preferred method but may have to be used in certain cases where abatement cannot be performed separately from the demolition. May require multiple notifications if bridges are done at different times.	Actual start date for demolition	Required if start date for demolition work changes
4	Removing non-bridge structures (culverts, retaining walls, median barriers) No ACM present	0	Not required per NESHAP	N/A	N/A

Case	Project Description	# of Notifications	Explanation of Notifications	Notification Date*	Amended Notifications Required?
5	Removing non-bridge structures (culverts, retaining walls, median barriers,...) ACM is present	1	Notification required for asbestos abatement only (renovation)	Actual start date for abatement work	Required if start date for abatement work changes
6	Widening one or more bridges, no ACM present, not removing any girders	0	Not required per NESHAP	N/A	N/A
7	Widening one or more bridges, ACM is present, not removing any girders	1	Notification only for asbestos abatement	Actual start date for abatement	Required only if start date of abatement changes.
8	Widening one or more bridges and some girders must be removed, no ACM present	0	Replacing girders is considered a renovation. Notifications are not required for renovations where ACM is not present	N/A	N/A
9	Widening one or more bridges and removing some girders; ACM is present,	1	Notification is only for asbestos abatement	1: start date for abatement	Amendment of notification required if dates change.

Case	Project Description	# of Notifications	Explanation of Notifications	Notification Date*	Amended Notifications Required?
10	Projects where coatings (i.e.: paint) are to be removed, no ACM present	0	Not required for renovation work that does not disturb ACM	N/A	No
11	Projects where coatings (i.e.: paint) are to be removed, ACM is present	1	Removal of ACM is considered a renovation.	Actual start date for abatement work	Required if start date changes
12	Redecking projects; No ACM present	0	Notification is not required for renovation work that does not disturb ACM	N/A	N/A
13	Replacement of decks, girders, columns, or caps. No ACM present	0	Replacing load supporting members is considered to be a renovation. Notification is not required if ACM is not present	N/A	Not required for non-ACM projects. See #9 for projects with ACM
14	Asbestos is discovered during a project.	1	Removal of ACM is renovation work if it exceeds the threshold quantities	Abatement start date	Required if abatement start date changes

Note: For DSHS notification purposes, a bridge is defined as a span-type structure.

*** Initial notification must be postmarked at least 10 working days prior to start date.**

Attachment “E”

Special Provisions and Specifications for Asbestos Issues

The following Special Provisions or Specifications have been developed to address asbestos (and in some cases, lead) where it is encountered on construction or maintenance projects. They are awaiting final approval but should be available on the TxDOT website very soon.

SP006-028, “Control of Materials” This special provision should only be used for the specialty contracts to remove or abate asbestos. It modifies Article 6.10 thus requiring the contractor to remove the hazardous materials. This SP will also work for lead abatement or removal contracts.

SP006-029, “Control of Materials” This statewide Special Provision is to go into all construction or maintenance contracts except those contracts solely for asbestos or lead abatement. It informs the contractor that TxDOT will abate lead or asbestos separately from the prime contract. It also covers painting projects where the primary work is to remove lead paint and repaint a structure.

SP007-300, “Legal Relations and Responsibilities” This special provision should only be used for the specialty contracts to remove or abate asbestos. It should not be included in our general contracts.

SS 5414, “Asbestos Abatement” This special specification is intended for the specialty contracts to provide asbestos abatement. It will not be included in our general construction or maintenance contracts.