

**ARKANSAS STATE HIGHWAY AND TRANSPORTATION DEPARTMENT  
EQUIPMENT AND PROCUREMENT DIVISION  
BID INVITATION**

Bid Number:                     M-13-061P                    

**BID OPENING LOCATION:**  
AHTD Equipment and  
Procurement Division  
11302 W. Baseline Road  
Little Rock, AR 72209

**MAIL TO:**  
AHTD Equipment and  
Procurement Division  
P.O. Box 2261  
Little Rock, AR 72203

**DELIVER TO:**  
AHTD Equipment and  
Procurement Division  
11302 W. Baseline Road  
Little Rock, AR 72209

Bid Opening Date:     May 7, 2013     Time:     11:00 a.m.    

Sealed bids for furnishing the commodities and/or services described below, subject to the Conditions on Page 2 of this Bid Invitation will be received at the above-noted mail and delivery locations until the above-noted bid opening date and time, and then publicly opened at the above-noted bid opening location. **Bids must be submitted on this form, with attachments when appropriate, or bids will be rejected. Late bids and unsigned bids will not be considered.**

In compliance with this Bid Invitation and subject to all the Conditions thereof, the undersigned offers and agrees to furnish any and all items upon which prices are quoted, at the price set opposite each item.

Company Name: \_\_\_\_\_

Name (Type or Print): \_\_\_\_\_

Address: \_\_\_\_\_

Title: \_\_\_\_\_

City: \_\_\_\_\_ State: \_\_\_\_\_ Zip: \_\_\_\_\_

Phone: \_\_\_\_\_ Fax: \_\_\_\_\_

E-mail Address: \_\_\_\_\_

Federal Tax ID or Social Security No.: \_\_\_\_\_

**Signature:** \_\_\_\_\_

Signature must be legible, original (not photocopied) and in ink.  
Unsigned bids will be rejected.

1. Asbestos Abatement and Demolition located at Broad St. Str. & Apprs. (Texarkana), Route 71, Section 2, Miller County; as per attached work list for Tracts 2X, 3X & 5X - Job 030388.

To meet the requirements of Arkansas State Highway and Transportation Department Specifications and Drawings attached to and made a part of this bid.

LUMP SUM \_\_\_\_\_

Tracts **must** be priced individually as listed on the Work List but bid will be awarded by the Lump Sum.

**Additional tracts and/or structures may be added to this contract from this job.**

**Pricing for Additional Pay Items is requested on Page 4.**

*(Additional pay item pricing will be on an as needed basis and does not obligate the Department to award any additional tracts.)*

Contacts for Technical Information: Joel Clark, Property Manager (501-569-2317)

Contacts for Bidding Information: Danny Keene (501-569-2674) or Chicita Pate (501-569-2675)

Bid price shall include all labor, materials, and equipment necessary to perform the work as specified, and shall further include all licenses, fees, permits, royalties, and all taxes. Bid price shall represent full compensation for completion of the work. This provision supersedes Condition 4 on page 2 of Bid Invitation. Payment will be made in accordance with Arkansas Highway & Transportation Department Standard Specifications and Applicable Special Provisions.

**Bid Bond** in the amount of 5% of total bid price required of all bidders at time of bid opening or bid will be rejected. **Personal and company checks are not acceptable as Bid Bonds.** See Condition 3 on page 2 of Bid Invitation.

**Performance Bond only** (no checks of any kind allowed) in the amount of 100% of total bid price will be required of successful bidder prior to providing goods/services. See Condition 3 on page 2 of Bid Invitation.

The successful bidder will be required to submit Notice of Intent (NOI) to ADEQ within 3 days after receipt of Purchase Order and to complete all work within thirty (30) days from the starting date on the NOI. Work not completed within this time frame shall result in the successful bidder being charged \$120.00 per day until work is completed.

Name, Address, Phone No. of Disposal Site: \_\_\_\_\_

Bids and Specifications are available on-line by going to the AHTD Web Site – [www.arkansashighways.com](http://www.arkansashighways.com) and clicking on “Commodities and Services Bids/Contracts Information”. Tabulations will also be available at this site within 72 hours after bid opening. If you have any questions, call this office at 501-569-2667.

## STANDARD BID CONDITIONS

## M-13-061P

1. **ACCEPTANCE AND REJECTION:** The Arkansas State Highway and Transportation Department (AHTD) reserves the right to reject any or all bids, to accept bids in whole or in part (unless otherwise indicated by bidder), to waive any informalities in bids received, to accept bids on materials or equipment with variations from specifications where efficiency of operation will not be impaired, and to award bids to best serve the interest of the State.
2. **PRICES:** Unless otherwise stated in the Bid Invitation, the following will apply: (1) unit prices shall be bid, (2) prices should be stated in units of quantity specified (feet, each, lbs., etc.), (3) prices must be F.O.B. destination specified in bid, (4) prices must be firm and not subject to escalation, (5) bid must be firm for acceptance for 30 days from bid opening date. In case of errors in extension, unit prices shall govern. Discounts from bid price will not be considered in making awards.
3. **BID BONDS AND PERFORMANCE BONDS:** If required, a **Bid Bond** in the form of a cashier's check, certified check, or surety bond issued by a surety company, in an amount stated in the Bid Invitation, must accompany bid. **Personal and company checks are not acceptable as Bid Bonds.** Failure to submit a Bid Bond as required will cause a bid to be rejected. The Bid Bond will be forfeited as liquidated damages if the successful bidder fails to provide a required Performance Bond within the period stipulated by AHTD or fails to honor their bid. Cashier's checks and certified checks submitted as Bid Bonds will be returned to unsuccessful bidders; surety bonds will be retained. The successful bidder will be required to furnish a **Performance Bond** in an amount stated in the Bid Invitation and in the form of a cashier's check, certified check, or surety bond issued by a surety company, unless otherwise stated in the Bid Invitation, as a guarantee of delivery of goods/services in accordance with the specifications and within the time established in the bid. **Personal and company checks are not acceptable as Performance Bonds.** In some cases, a cashier's check or certified check submitted as a Bid Bond will be held as the Performance Bond of the successful bidder. Cashier's checks or certified checks submitted as Performance Bonds will be refunded shortly after payment has been made to the successful bidder for completion of all terms of the bid; surety bonds will be retained. Surety bonds must be issued by a surety company authorized to do business in Arkansas, and must be signed by a Resident Local Agent licensed by the Arkansas State Insurance Commissioner to represent that surety company. Resident Agent's Power-of-Attorney must accompany the surety bond. Certain bids involving labor will require Performance Bonds in the form of surety bonds only (no checks of any kind allowed). In such cases, the company issuing the surety bond must comply with all stipulations herein and must be named in the U. S. Treasury listing of companies holding Certificates of Authority as acceptable sureties on Federal Bonds and as acceptable reinsuring companies. Any excess between the face amount of the bond and the underwriting limitation of the bonding company shall be protected by reinsurance provided by an acceptable reinsuring company. Annual Bid and Performance Bonds on file with E & P Division must have sufficient unencumbered funds to meet current bonding requirements, or the bid will be rejected, unless the balance is submitted as set forth above, prior to bid opening.
4. **TAXES:** The AHTD is not exempt from Arkansas State Sales and Use Taxes, or local option city/county sales taxes, when applicable, and bidders are responsible to the State Revenue Department for such taxes. These taxes should not be included in bid prices, but where required by law, will be paid by the AHTD as an addition thereto, and should be added to the billing to the AHTD. The AHTD is exempt from Federal Excise Taxes on all commodities except motor fuels; and excise taxes should not be included in bid prices except for motor fuels. Where applicable, tax exemption certificates will be furnished by the AHTD.
5. **"ALL OR NONE" BIDS:** Bidders who wish to bid "All or None" on two or more items shall so stipulate on the face of bid sheet; otherwise, bid may be awarded on an individual item basis.
6. **SPECIFICATIONS:** Complete specifications should be attached for any substitution or alternate offered, or where amplification is necessary. Bidder's name must be placed on all attachments to the bid.
7. **EXCEPTIONS TO SPECIFICATIONS:** Any exceptions to the bid specifications must be stated in the bid. Any exceptions to manufacturer's published literature must be stated in the bid, or it will be assumed that bidder is bidding exactly as stated in the literature.
8. **BRAND NAME REFERENCES:** All brand name references in bid specifications refer to that commodity or its equivalent, unless otherwise stated in Bid Invitation. Bidder should state brand or trade name of item being bid, if such name exists.
9. **FREIGHT:** All freight charges should be included in bid price. Any change in common carrier rates authorized by the Interstate Commerce Commission will be adjusted if such change occurs after the bid opening date. Receipted common carrier bills that reflect ICC authorized rate changes must be furnished.
10. **SAMPLES, LITERATURE, DEMONSTRATIONS:** Samples and technical literature must be provided free of any charge within 14 days of AHTD request, and free demonstrations within 30 days, unless AHTD extends time. Failure to provide as requested within this period may cause bid to be rejected. Samples, literature and demonstrations must be substantially the same as the item(s) being bid, unless otherwise agreed to by AHTD. Samples that are not destroyed will be returned upon request at bidders expense. Samples from successful bidders may be retained for comparison with items actually furnished.
11. **GUARANTY:** Unless otherwise indicated in Bid Invitation, it is understood and agreed that any item offered or shipped on this bid shall be newly manufactured, latest model and design, and in first class condition; and that all containers shall be new, suitable for storage or shipment and in compliance with all applicable laws relating to construction, packaging, labeling and registration.
12. **BACKORDERS OR DELAY IN DELIVERY:** Backorders or failure to deliver within the time required may constitute default. Vendor must give written notice to the AHTD, as soon as possible, of the reason for any delay and the expected delivery date. The AHTD has the right to extend delivery if reasons appear valid. If reason or delivery date is not acceptable, vendor is in default.
13. **DEFAULT:** All commodities furnished will be subject to inspection and acceptance by AHTD after delivery. Default in promised delivery or failure to meet specifications authorizes the AHTD to cancel award or any portion of same, to reasonably purchase commodities or services elsewhere and to charge full increase, if any, in cost and handling to defaulting vendor. Applicable bonds may be forfeited.
14. **ETHICS:** *"It shall be a breach of ethical standards for a person to be retained, or to retain a person, to solicit or secure a State contract upon an agreement of understanding for a commission, percentage, brokerage, or contingent fee, except for retention of bona fide employees or bona fide established commercial selling agencies maintained by the contractor for the purpose of securing business."* (Arkansas Code, Annotated, Section 19-11-708).

**ARKANSAS STATE HIGHWAY  
AND TRANSPORTATION DEPARTMENT**

**NOTICE OF NONDISCRIMINATION**

The Arkansas State Highway and Transportation (Department) complies with all civil rights provisions of federal statutes and related authorities that prohibit discrimination in programs and activities receiving federal financial assistance. Therefore the Department does not discriminate on the basis of race, sex, color, age, national origin, religion or disability, in the admission, access to and treatment in the Department's programs and activities, as well as the Department's hiring or employment practices. Complaints of alleged discrimination and inquiries regarding the Department's nondiscrimination policies may be directed to Joanna P. Nelson, Section Head - EEO/DBE (ADA/504/Title VI Coordinator), P. O. Box 2261, Little Rock, AR 72203, (501) 569-2298, (Voice/TTY 711), or the following email address: [joanna.nelson@arkansashighways.com](mailto:joanna.nelson@arkansashighways.com).

This notice is available from the ADA/504/Title VI Coordinator in large print, on audiotape and in Braille.

ARKANSAS STATE HIGHWAY & TRANSPORTATION DEPARTMENT  
LITTLE ROCK, ARKANSAS  
EQUIPMENT & PROCUREMENT DIVISION

Bid No. M-13-061P

Page 4

BIDDER: \_\_\_\_\_

ITEM NO.	DESCRIPTION	AMOUNT
1.	Asbestos Abatement	\$ _____ Square Foot
2.	Demolition	\$ _____ Square Foot
3.	Foundation	\$ _____ Linear Foot
4.	Foundation Slab	\$ _____ Square Foot
5.	Well Closure	\$ _____ Each
6.	Septic System Closure	\$ _____ Each

**PROPERTY MANAGEMENT  
ASBESTOS ABATEMENT & DEMOLITION CONTRACT**

Job 030388  
Broad St. Str. & Apprs.  
(Texarkana)  
Route 71 Section 2  
Miller County  
Tracts 2X, 3X, 5X

**Work Site Directions**

Tract 2 X at 831 Broad Street, Texarkana, AR 71854: Take Interstate 30 to Texarkana, AR. At the exit for Hwy. 245 and turn left (south) and go over I-30. Travel south to U.S. Hwy. 82 and turn right heading west to Broad Street. At Braod St. turn left heading in a southwesterly direction to the overpass of U.S. Hwy. 71. Just past the overpass of Hwy. 71 is 831 E. Broad Street. It is a concrete block, brick and glass warehouse.

Tract 3X, 918 E. 3<sup>rd</sup> Street, Texarkana, AR 71854, a 1-S-Brick and Metal Building: On the southwestern end of Tract 2X is Pecan Street. Take this Pecan Street for one block to East Third Street. Turn right for one block to find 918 E. Third on your right.

Tract 5X, 301 Hickory Street (Hwy. 71), Texarkana, AR 71854 a service station canopy. This tract is located on north side of Third Street. It is an old service station that has a canopy that must be demolished. The canopy is on the Hickory St. side of the building.

Job 030388  
Broad St. Str. & Apprs.  
(Texarkana)  
Route 71 Section 2  
Miller County  
Tracts 2X ,3X , 5X

### **Bid Requirements**

Bid price shall include all insurance, taxes, permits, ADEQ notifications, license, labor, equipment, and material necessary to complete the work. Actual quantity of material to be removed may differ slightly from the estimated amount shown above. Bid price shall reflect actual quantity of material to be removed and bidders are strongly encouraged to inspect the premises prior to bidding to verify the quantity. All asbestos abatement/demolition work must be done according to the method and requirements contained in the “**SPECIAL PROVISIONS**” and work list which will be attached and made a part of the bid and contract.

Contractor shall comply with all state, local and federal laws associated with this work. All structures must be completely removed, including slabs, footings, foundations, private walkways, decks, basements, posts, poles, fences within Proposed Right of Way along with all debris. Determination of the extent of work necessary for complete removal of the structures is strictly the responsibility of the bidder. Basements (pits, storm shelters, pools) **(if applicable)** will be removed, backfilled with suitable material and left level with the surrounding area. Water wells **(if applicable)** shall have equipment removed and casing securely covered for safety. Septic tanks **(if applicable)**, in or out of right of way, shall be pumped empty, removed, and void backfilled with suitable material and left level with the surrounding area. Contractor will leave all public sidewalks next to the curb for public safety. Contractor will be required to comply with the provisions of “Appendix A” (Required Contract Provisions Federal-Aid Construction Contracts) that will be attached and made a part of the bid and contract.

It is understood that all combustible materials, construction material and all other rubbish, including shrubbery and trees which are cut or uprooted to facilitate operations, will be cleared from the premises by the contractor and **the premises will be left in a generally level, safe, and sanitary condition, a condition in which it can be mowed and maintained safely.** The contractor shall endeavor to avoid unnecessary damage or destruction of trees, shrubs, and plants on the premises.

**NOTE: CONTRACTOR MUST FILE TEN (10) DAY NOTICE WITH ARKANSAS DEPARTMENT OF ENVIRONMENTAL QUALITY (ADEQ); HOWEVER, BIDS SHOULD INCLUDE REGISTRATION FEE ON EACH PROJECT. Dumping of demolition waste materials shall be at a landfill permitted by the Arkansas Department of Environmental Quality (ADEQ) or at an un-permitted site approved by ADEQ. Contractor must call ONE CALL for location of other utilities at this job site.**

In the event that utility service lines, meters, etc., are disconnected, destroyed or otherwise impaired in any way by reason of performance of this operation by the contractor, the contractor shall, at his own expense, be responsible for all replacement utility service in lieu of those affected. **Contractor must call ONE CALL for location of other utilities at this job site**

Contractor shall be required to hold a current license issued by the Arkansas Department of Environmental Quality for the removal of asbestos. For demolition, State law requires a contractor’s license for jobs over \$20,000.00. Changes in the scope of work must have prior approval by the Departments Property Manager in order to be eligible for payment.

**PROPERTY MANAGEMENT**  
**ASBESTOS ABATEMENT & DEMOLITION CONTRACT BID**

Job #

**Work List and Bid Estimate**

**Tract 2 XED, 831 E. Broad St., Texarkana, AR 71854**

No Abatement Necessary:

Demolition:

47,947 SF 1-S-Brick & Metal Warehouse ; Approx. 100 yrs.

Total Abatement & Demolition Tract 2 XED

Unit Price

Extended Price

	\$ _____ /SF	\$ _____
		\$ _____

**Tract 3 X, 918 E. 3<sup>RD</sup> St., Texarkana, AR 71854**

Abate Approximately:

402.11 SF Ceiling Sheet Rock

491.40 SF of Sheet Rock Walls (Area C-exterior walls)

470 SF Floor Material & Mastic

Total Abatement Tract 3 X

Unit Price

Extended Price

\$ _____ /SF	\$ _____
\$ _____ /SF	\$ _____
\$ _____ /SF	\$ _____
	\$ _____

Demolition:

3,192 SF Metal Warehouse & Retail Store Building

60 SF Concrete Pad

Three (3) Signs

Total Asbestos Abatement & Demolition Tract 3 X

\$ _____ /SF	\$ _____
\$ _____ /SF	\$ _____
\$ _____ /EA	\$ _____
	\$ _____

**Tract 5 X, 301 Hickory St., Texarkana, AR 71854**

NO ABATEMENT NECESSARY

Demolition:

1,440 SF Canopy

Total Demolition Tract 5 X

Unit Price

Extended Price

\$ _____ /SF	\$ _____
	\$ _____

**Total Lump Sum Price of Abatement & Demolition**

\$ \_\_\_\_\_

**Note 1: Read “Demolition” and “Job Requirements” for extent of Demolition Bid.**

**Note 2: This document is to be returned with bid and becomes part of the contract.**

**DEMOLITION:** For contract bidding purposes, demolition per square foot includes removal of any and all improvements within the acquired proposed right of way. All structures must be completely removed, including slabs, footings, foundations, basements, posts, poles, decks, interior fences and all debris. Leave site in a safe and level condition.

Disclaimer:

Samples were collected from materials identified as Homogeneous Materials based upon visual inspection of the site. AHTD is not responsible for assumptions on homogeneity which prove to be incorrect. In addition, samples collected represent only that portion of the entire homogeneous material. AHTD is not responsible for materials not identified and sampled due to the restraints on accessibility of the material due to the type of construction and finish materials of the building. This report refers to the Site and Facility as it appeared on the day of the inspection. No warranties, expressed or implied, relate to the previous and or future conditions at the Site.

Analysis was performed by Crisp Analytical Laboratories, L.L.C., Carrollton, TX. Crisp Analytical Laboratories, L.L.C. is solely responsible for all analytical results contained in and referred to in this report.

## Chain of Custody

Client Name:	AHTD	<b>CA Labs job</b>	CAL# 13038810
Client Address:	P.O. Box 2261 Room #705 Little Rock, AR 72203-2261	Billing Address:	(if different)
phone number:	501-569-2317 or 2318	P.O. # :	030388
fax number:		Project Name:	Tract 2X 831 F. Broad St.
Send Reports to:	Joeld.Clark@arkansashighways.com	Project Number:	030388 Texarkana, AR 71854

<b>Total # Samples Submitted: 8</b>	<b>Total # Samples to be Analyzed: 8</b>	<b>Material Matrix:</b> Air / <u>Bulk</u> / Water
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Asbestos: please call ahead for availability of all rush and/or after hours samples.

TEM	TA Time	PLM	TA Time	Optical / IAQ	TA Time
<i>Circle analysis and TA time</i>		<i>Circle analysis and TA time</i>		PCM: NIOSH 7400	Note TAT
AHERA	4 hour	Improved	4 hour	Allergen Particle:	24 hour
EPA Level II	8 hour	Interim	8 hour	tape/bulk/swab	2 days
Drinking Water	16 hour		16 hour	Cyclex-d cassettes	3 days
Wipe	24 hour	AHERA	24 hour	Air-o-cell cassettes	5-10 days
Micro-vac	2 days		2 days	Anderson cultures	Specify
NIOSH 7402	3 days	Point Count -	<u>3 days</u>	Bulk/swab cultures	Mold or
Chatfield Bulk	5 days	(NESHAPS)	5 days	Bacteria cultures	bacteria

Please indicate appropriate turn around time. (minimum turnaround - 3 Days for Lead TCLP and water)

Lead: Circle analysis and TA time

Sample Information:

Sample #:	Sample Location:	Sample Date/Time:	Sample Volume (L)
030388 Tr. 2X # 1	Area (B) Ceiling	3/20/2013	
030388 Tr. 2X # 2	Area (B) Ceiling	3/20/2013	
030388 Tr. 2X # 3	Area (H) Ceiling	3/20/2013	
030388 Tr. 2X # 4	Area (H) Ceiling	3/20/2013	
030388 Tr. 2X # 5	Area (H) Wall	3/20/2013	
030388 Tr. 2X # 6	Area (G) Wall	3/20/2013	

Custody Information:

Samples relinquished:

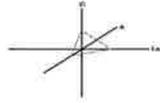
*Joel Clark 3/21/13*  
 Signature / Date / Time

Samples received:

*Matthew Roman 03/26/13*  
 Signature / Date / Time  
 12:00PM

**CA Labs**  
Dedicated to  
Quality

**Crisp Analytical, L.L.C.**  
1929 Old Denton Road  
Carrollton, TX 75006  
Phone 972-242-2754  
Fax 972-242-2798



**CA Labs, L.L.C.**  
12232 Industriplex, Suite 32  
Baton Rouge, LA 70809  
Phone 225-751-5632  
Fax 225-751-5634

## **Materials Characterization - Bulk Asbestos Analysis**

### **Laboratory Analysis Report - Polarized Light**

**Arkansas State Highway & Transportation Dept.**

10324 I-30, Room 705  
Little Rock, AR 72209

**Attn:** Robert Pooler

**Customer Project:** 030388, Tract 2X 831 E Broad St  
**Reference #:** CAL13032710CP

**Date:** 04/02/13

### **Analysis and Method**

Summary of polarizing light microscopy (PLM / Stereomicroscopy bulk asbestos analysis) using the methods described in 40CFR Part 763 Appendix E to Subpart E (Interim and EPA 600 / R-93 / 116 (Improved). The sample is first viewed with the aid of stereomicroscopy. Numerous liquid slide preparations are created for analysis under the polarized microscope where identifications and quantifications are performed. Calibrated liquid refractive oils are used as liquid mounting medium. These oils are used for identification (dispersion staining). A calibrated visual estimation is reported, should any asbestiform mineral be present. Other techniques such as acid washing are used in conjunction with refractive oils for detection of smaller quantities of asbestos. All asbestos percentages are based on calibrated visual estimation traceable to NIST standards for regulated asbestos. Traceability to measurement and calibration is achieved by using known amounts and types of asbestos from standards where analyst and laboratory accuracy are measured. As little as 0.001% asbestos can be detected in favorable samples, while detection in unfavorable samples may approach the detection limit of 0.50% (well above the laboratory definition of trace).

### **Discussion**

Vermiculite containing samples may have trace amounts of actinolite-tremolite, where not found by PLM should be analyzed using TEM methods and / or water separation techniques. Suspected actinolite/vermiculite presence will be indicated through the sample comment section of this report.

Fibrous talc containing samples may even contain a related asbestos fiber known as anthophyllite. Under certain conditions the same fiber may actually contain both talc and anthophyllite (a phenomenon called intergrowth). Again, TEM detection methods are recommended. CA Labs PLM report comments will denote suspected amounts of asbestiform anthophyllite with talc, where further analysis is recommended.

Some samples (floor tiles, surfacings, etc.) may contain fibers too small to be detectable by PLM analysis and should be analyzed by TEM bulk protocols.

A "trace asbestos" will be reported if the analyst observes far less than 1% asbestos. CA Labs defines "trace asbestos" as a few fibers detected by the analyst in several preparations and will indicate as such under these circumstances.

Quantification of <1% will actually be reported as <=1% (allowable variance close to 1% is high). Such results are ideal for point counting, and the technique is mandatory for friable samples (NESHAP, Nov. 1990 and clarification letter 8 May 1991) under 1% percent asbestos and the "trace asbestos". **In order to make all initial PLM reports issued from CA Labs NESHAP compliant, all <1% asbestos results (except floor tiles) will be point counted at no additional charge.**

### **Qualifications**

CA Labs is accredited by the National Voluntary Accreditation Program (NVLAP) for selected test methods for airborne fiber analysis (TEM), and for bulk asbestos fiber analysis (PLM). CA Labs is also accredited by AIHA LAP, LLC. in the PLM asbestos field of testing for Industrial Hygiene. All analysts have a college degree in a natural science (geology, biology, or environmental science) or are recognized by a state professional board in one of these disciplines. Extensive in-house training programs are used to augment education background of the analyst. The group leader of polarized light has received supplemental McCrone Research training for asbestos identification. Analysis performed at Crisp Analytical Labs, LLC 1929 Old Denton Road Carrollton, TX 75006

Dallas NVLAP Lab Code 200349-0 TEM/PLM EPA H20 TX 01402 TDH 30-0235  
AIHA LAP, LLC Laboratory #102929

**CA Labs**  
**Dedicated to**  
**Quality**

**Crisp Analytical, L.L.C.**  
 1929 Old Denton Road  
 Carrollton, TX 75006  
 Phone 972-242-2754  
 Fax 972-242-2798

**CA Labs, L.L.C.**  
 12232 Industrilex, Suite 32  
 Baton Rouge, LA 70809  
 Phone 225-751-5632  
 Fax 225-751-5634

**Overview of Project Sample Material Containing Asbestos**

<b>Customer Project:</b>	030388, Tract 2X 831 E Broad St		<b>CA Labs Project #:</b>	CAL13032710CP
<b>Sample #</b>	<b>Layer #</b>	<b>Analysts Physical Description of Subsample</b>	<b>Asbestos type / calibrated visual estimate percent</b>	<b>List of Affected Building Material Types</b>

**No Asbestos Detected.**

Dallas NVLAP Lab Code 200349-0 TEM/PLM EPA H20 TX 01402 TDH 30-0235  
**AIHA LAP, LLC Laboratory #102929**

**Glossary of abbreviations (non-asbestos fibers and non-fibrous minerals):**

ca - carbonate	pe - perlite	fg - fiberglass	pa - palygorskite (clay)
gypsum - gypsum	qu - quartz	mw - mineral wool	
bi - binder		wo - wollastinite	
or - organic		ta - talc	
ma - matrix		sy - synthetic	
mi - mica		ce - cellulose	
ve - vermiculite		br - brucite	
ot - other		ka - kaolin (clay)	

This report relates to the items tested. This report is not to be used by the customer to claim product certification, approval or endorsement by NVLAP, NIST, AIHA LAP, LLC, or any other agency of the federal government. This report may not be reproduced except in full without written permission from CA Labs. These results are submitted pursuant to CA Labs' current terms and sale, condition of sale, including the company's standard warranty and limitations of liability provisions and no responsibility or liability is assumed for the manner in which the results are used or interpreted. Unless notified in writing to return the samples covered by this report, CA Labs will store the samples for a period of ninety (90) days before discarding. A shipping or handling fee may be assessed for the return of any samples.

**CA Labs**  
Dedicated to  
Quality

**Crisp Analytical, L.L.C.**  
1929 Old Denton Road  
Carrollton, TX 75006  
Phone 972-242-2754  
Fax 972-242-2798

**CA Labs, L.L.C.**  
12232 Industriplex, Suite 32  
Baton Rouge, LA 70809  
Phone 225-751-5632  
Fax 225-751-5634

**Polarized Light Asbestiform Materials Characterization**

**Customer Info:** Attn: Robert Pooler  
**Arkansas State Highway & Transportation Dept.**  
10324 I-30, Room 705  
Little Rock, AR 72209

**Customer Project:**  
030388, Tract 2X 831 E Broad  
St

**CA Labs Project #:**  
CAL13032710CP

Phone # 501-569-2317  
Fax # 501-569-2018

**Turnaround Time:**  
3 Days

**Date:** 04/02/13  
**Samples Received:** 3/28/13 12PM  
**Date Of Sampling:** 03/20/13  
**Purchase Order #:** 030388

Sample #	Com ment	Layer #	Analysts Subsample	Physical Description of	Homo-geneo us (Y/N)	Asbestos type / calibrated visual estimate percent	Non-asbestos fiber type / percent	Non-fibrous type / percent
030388 Tr. 2X-1	8	1-1		<b>Area (B) Ceiling/ white textured surfacing</b>	y	<b>None Detected</b>		100% mi,bi,ve,ca
		1-2		white drywall with brown paper	n	<b>None Detected</b>	19% ce 1% fg	80% qu,gy
030388 Tr. 2X-2	8	2-1		<b>Area (B) Ceiling/ white textured surfacing</b>	y	<b>None Detected</b>		100% mi,bi,ve,ca
		2-2		white drywall with brown paper	n	<b>None Detected</b>	18% ce 2% fg	80% qu,gy
030388 Tr. 2X-3		3-1		<b>Area (H) Ceiling/ white surfaced white compound</b>	n	<b>None Detected</b>		100% mi,bi,ca
		3-2		white compound (beneath tape)	y	<b>None Detected</b>		100% mi,ca
		3-3		white drywall with brown paper	n	<b>None Detected</b>	18% ce 1% fg	81% qu,gy

Dallas NVLAP Lab Code 200349-0 TEM/PLM EPA H20 TX 01402 TDH 30-0235

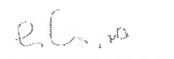
**AIHA LAP, LLC Laboratory #102929**

Analysis Method: Interim (40CFR Part 763 Appendix E to Subpart E) / Improved (EPA-600 / R-93/116)  
Preparation Method: HCL acid washing for carbonate based samples, chemical reduction for organically bound components, oil immersion for identification of asbestos types by dispersion attaining / becke line method.

ca - carbonate	mi - mica	fg - fiberglass	ce - cellulose
gypsum - gypsum	ve - vermiculite	mw - mineral wool	br - brucite
bi - binder	ot - other	wo - wollastinite	ka - kaolin (clay)
or - organic	pe - perlite	ta - talc	pa - palygorskite (clay)
ma - matrix	qu - quartz	sy - synthetic	

Approved Signatories:

  
Julio Robles  
Analyst

  
QAC  
Leslie Crisp, P.G.

Technical Manager  
Chad Lytle

1. Fire Damage significant fiber damage - reported percentages reflect unaltered fibers  
2. Fire Damage no significant fiber damages effecting fibrous percentages  
3. Actinolite in association with Vermiculite  
4. Layer not analyzed - attached to previous positive layer and contamination is suspected  
5. Not enough sample to analyze

6. Anthophyllite in association with Fibrous Talc  
7. Contamination suspected from other building materials  
8. Favorable scenario for water separation on vermiculite for possible analysis by another method  
9. < 1% Result point counted positive  
10. TEM analysis suggested

**CA Labs**  
Dedicated to  
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**Crisp Analytical, L.L.C.**  
1929 Old Denton Road  
Carrollton, TX 75006  
Phone 972-242-2754  
Fax 972-242-2798

**CA Labs, L.L.C.**  
12232 Industrilplex, Suite 32  
Baton Rouge, LA 70809  
Phone 225-751-5632  
Fax 225-751-5634

**Polarized Light Asbestiform Materials Characterization**

**Customer Info:** Attn: Robert Pooler  
**Arkansas State Highway & Transportation Dept.**  
10324 I-30, Room 705  
Little Rock, AR 72209

**Customer Project:**  
030388, Tract 2X 831 E Broad  
St

**CA Labs Project #:**  
CAL13032710CP

Phone # 501-569-2317  
Fax # 501-569-2018

**Turnaround Time:**  
3 Days

**Date:** 04/02/13  
**Samples Received:** 3/28/13 12PM  
**Date Of Sampling:** 03/20/13  
**Purchase Order #:** 030388

Sample #	Com ment	Layer #	Analysts Physical Description of Subsample	Homo-geneo us (Y/N)	Asbestos type / calibrated visual estimate percent	Non-asbestos fiber type / percent	Non-fibrous type / percent
030388 Tr. 2X-4		4-1	<b>Area (H) Ceiling/ white surfaced white compound</b>	n	<b>None Detected</b>		100% mi,bi,ca
		4-2	white drywall with brown paper	n	<b>None Detected</b>	19% ce 2% fg	79% qu,gy
030388 Tr. 2X-5		5-1	<b>Area (H) Wall/ white surfaced white compound</b>	n	<b>None Detected</b>		100% mi,bi,ca
		5-2	white compound (beneath tape)	y	<b>None Detected</b>		100% mi,ca
		5-3	white drywall with brown paper	n	<b>None Detected</b>	19% ce 1% fg	80% qu,gy
030388 Tr. 2X-6		6-1	<b>Area (G) Wall/ white surfaced white compound</b>	n	<b>None Detected</b>		100% mi,bi,ca
		6-2	white compound (beneath tape)	y	<b>None Detected</b>		100% mi,ca

Dallas NVLAP Lab Code 200349-0 TEM/PLM EPA H20 TX 01402 TDH 30-0235

**AIHA LAP, LLC Laboratory #102929**

Analysis Method: Interim (40CFR Part 763 Appendix E to Subpart E) / Improved (EPA-600 / R-93/116)  
Preparation Method: HCL acid washing for carbonate based samples, chemical reduction for organically bound components, oil immersion for identification of asbestos types by dispersion attaining / becke line method.

ca - carbonate	mi - mica	fg - fiberglass	ce - cellulose
gypsum - gypsum	ve - vermiculite	mw - mineral wool	br - brucite
bi - binder	ot - other	wo - wollastinite	ka - kaolin (clay)
or - organic	pe - perlite	ta - talc	pa - palygorskite (clay)
ma - matrix	qu - quartz	sy - synthetic	

Approved Signatories:



Julio Robles  
Analyst



QAC  
Leslie Crisp, P.G.

Technical Manager  
Chad Lytle

1. Fire Damage significant fiber damage - reported percentages reflect unaltered fibers  
2. Fire Damage no significant fiber damages effecting fibrous percentages  
3. Actinolite in association with Vermiculite  
4. Layer not analyzed - attached to previous positive layer and contamination is suspected  
5. Not enough sample to analyze

6. Anthophyllite in association with Fibrous Talc  
7. Contamination suspected from other building materials  
8. Favorable scenario for water separation on vermiculite for possible analysis by another method  
9. < 1% Result point counted positive  
10. TEM analysis suggested

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Fax 972-242-2798

**CA Labs, L.L.C.**  
12232 Industriplex, Suite 32  
Baton Rouge, LA 70809  
Phone 225-751-5632  
Fax 225-751-5634

**Polarized Light Asbestiform Materials Characterization**

**Customer Info:** Attn: Robert Pooler  
**Arkansas State Highway & Transportation Dept.**  
10324 I-30, Room 705  
Little Rock, AR 72209

**Customer Project:**  
030388, Tract 2X 831 E Broad  
St

**CA Labs Project #:**  
CAL13032710CP

Phone # 501-569-2317  
Fax # 501-569-2018

**Turnaround Time:**  
3 Days

**Date:** 04/02/13  
**Samples Received:** 3/28/13 12PM  
**Date Of Sampling:** 03/20/13  
**Purchase Order #:** 030388

Sample #	Com ment	Layer #	Analysts Physical Description of Subsample	Homo-geneo us (Y/N)	Asbestos type / calibrated visual estimate percent	Non-asbestos fiber type / percent	Non-fibrous type / percent
		6-3	white drywall with brown paper	n	None Detected	18% ce 2% fg	80% qu,gy
030388 Tr. 2X-7		7-1	tan surfaced white compound	n	None Detected		100% mi,bi,ca
		7-2	tan surfaced tan compound (beneath tan surfaced white compound)	n	None Detected	2% ta	98% mi,bi,ca
030388 Tr. 2X-8		8-1	tan surfaced white compound	n	None Detected		100% mi,bi,ca
		8-2	white finishing plaster	y	None Detected		100% qu,ca
		8-3	tan plaster	y	None Detected		100% qu,ca

Dallas NVLAP Lab Code 200349-0 TEM/PLM EPA H20 TX 01402 TDH 30-0235

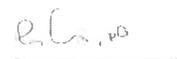
**AIHA LAP, LLC Laboratory #102929**

Analysis Method: Interim (40CFR Part 763 Appendix E to Subpart E) / Improved (EPA-600 / R-93/116)  
Preparation Method: HCL acid washing for carbonate based samples, chemical reduction for organically bound components, oil immersion for identification of asbestos types by dispersion attaining / becke line method.

ca - carbonate	mi - mica	fg - fiberglass	ce - cellulose
gypsum - gypsum	ve - vermiculite	mw - mineral wool	br - brucite
bi - binder	ot - other	wo - wollastinite	ka - kaolin (clay)
or - organic	pe - perlite	ta - talc	pa - palygorskite (clay)
ma - matrix	qu - quartz	sy - synthetic	

Approved Signatories:

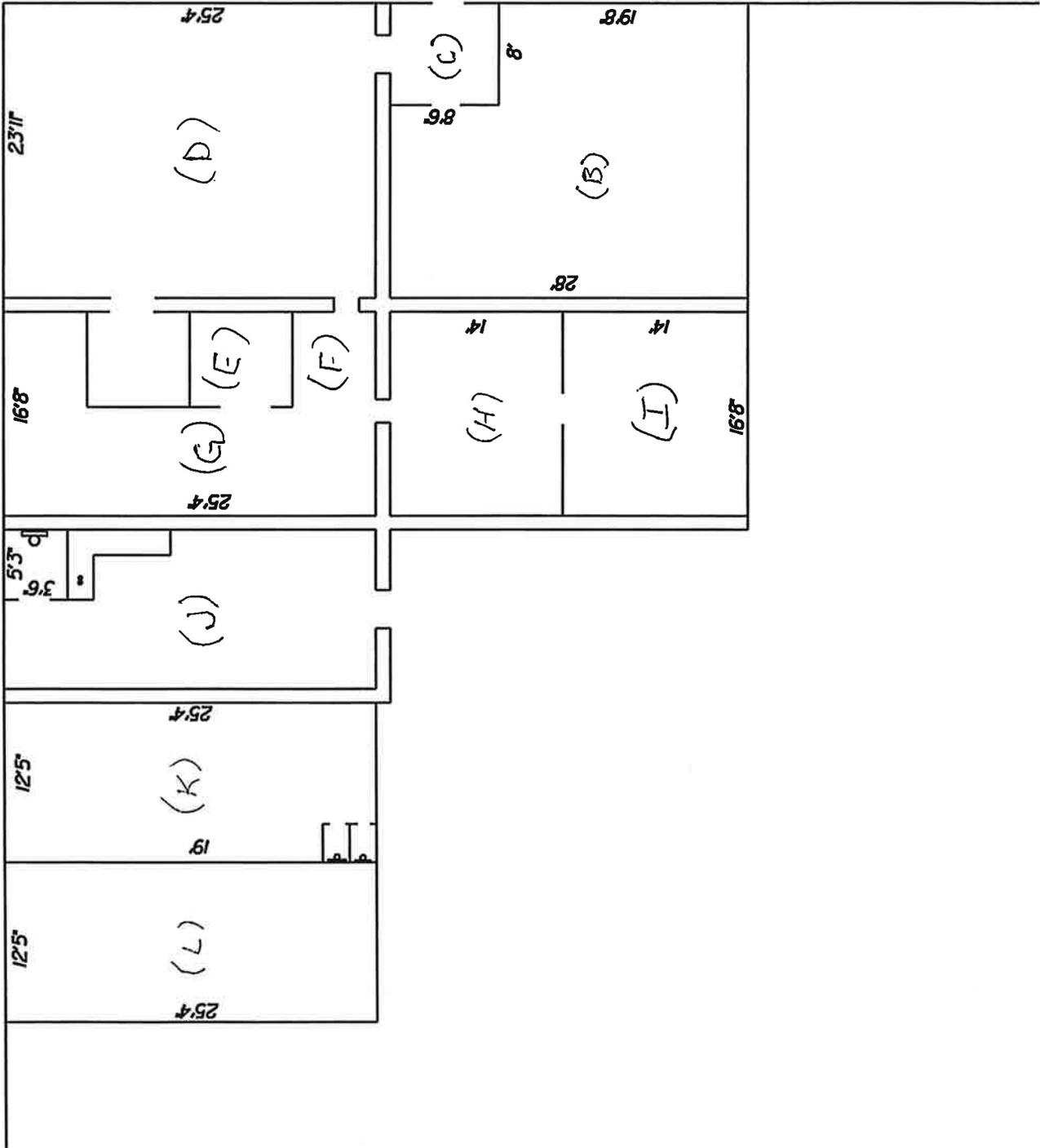
  
Julio Robles  
Analyst

  
QAC  
Leslie Crisp, P.G.

Technical Manager  
Chad Lytle

1. Fire Damage significant fiber damage - reported percentages reflect unaltered fibers  
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7. Contamination suspected from other building materials  
8. Favorable scenario for water separation on vermiculite for possible analysis by another method  
9. < 1% Result point counted positive  
10. TEM analysis suggested



INSPECTION FLOOR PLAN

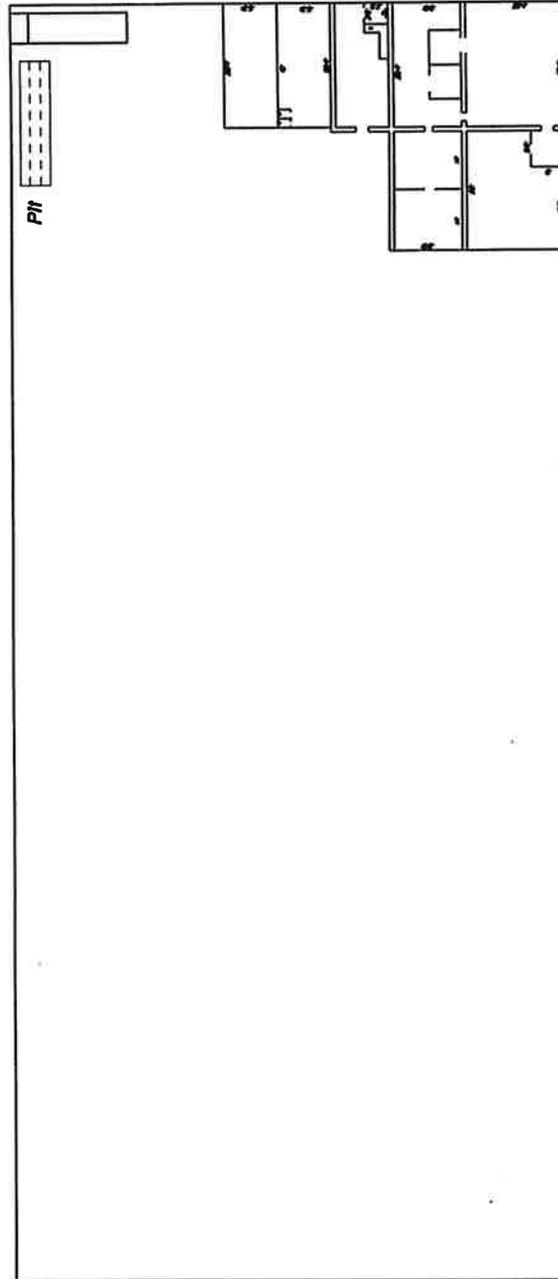
JOB: 030388  
 TRACT: 2 X  
 DATE: 3/21/2013

PROPERTY LOCATION  
 Brick & Metal Warehouse  
 831 Broad Street  
 Texarkana, AR 71854

INSPECTED BY  
 Joel Clark (011518)

Sample Number	Description/ Locaton	Sample Number	Description/ Location
#1	B) Ceiling	#11	
#2	B) Ceiling	#12	
#3	H) Ceiling	#13	
#4	H) Ceiling	#14	
#5	H) Wall	#15	
#6	G) Wall	#16	
#7		#17	
#8		#18	
#9		#19	
#10		#20	

Homogenous Areas:	
Roofing	Metal
Siding	Concrete Block, Brick, Glass
Ceilings (BCHI) Sheet Rock	Metal
Walls (BCHI) Sheet Rock	Concrete Block, Brick, Glass
Floors (H,I) Carpet/Slab	Concrete
(A-G, JKL) Concrete Slab	



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T

PECAN STREET



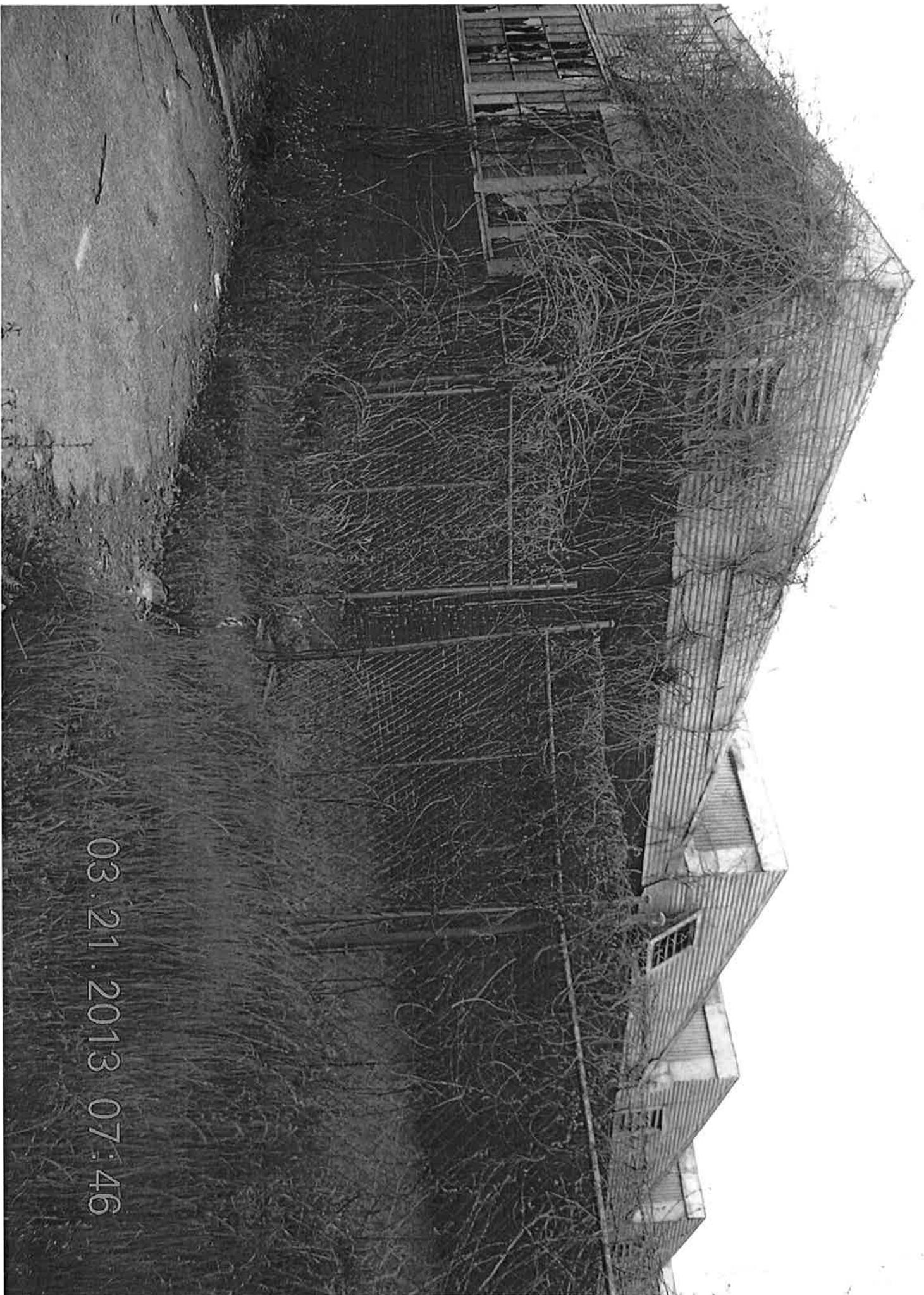
03:21:2013 07:36



03-21-2013 07:37



03-21-2013 07:40



03.21.2013 07:46



03:21 2013 07:38

## Chain of Custody

Client Name:	AHTD	CA Labs Job	CAL# 1303871
Client Address:	P.O. Box 2261 Room #705 Little Rock, AR 72203-2261	Billing Address:	(if different)
phone number:	501-569-2317 or 2318	P.O. # :	030388
fax number:		Project Name:	Tract 3X 918 E. 3 <sup>rd</sup> St.
Send Reports to:	Joeld.Clark@arkansashighways.com	Project Number:	030388 Texarkana, AR 71854

Total # Samples Submitted: 6	Total # Samples to be Analyzed: 6	Material Matrix: Air / Bulk / Water
------------------------------	-----------------------------------	--

Asbestos: please call ahead for availability of all rush and/or after hours samples.

TEM	TA Time	PLM	TA Time	Optical / IAQ	TA Time
<i>Circle analysis and TA time</i>		<i>Circle analysis and TA time</i>		PCM: NIOSH 7400	Note TAT
AHERA	4 hour	Improved	4 hour	Allergen Particle:	24 hour
EPA Level II	8 hour	Interim	8 hour	tape/bulk/swab	2 days
Drinking Water	16 hour		16 hour	Cyclex-d cassettes	3 days
Wipe	24 hour	<b>AHERA</b>	24 hour	Air-o-cell cassettes	5-10 days
Micro-vac	2 days		2 days	Anderson cultures	Specify
NIOSH 7402	3 days	Point Count -	<u>3 days</u>	Bulk/swab cultures	Mold or
Chatfield Bulk	5 days	(NESHAPS)	5 days	Bacteria cultures	bacteria

Please indicate appropriate turn around time. (minimum turnaround - 3 Days for Lead TCLP and water)

Lead: Circle analysis and TA time

### Sample Information:

Sample #:	Sample Location:	Sample Date/Time:	Sample Volume (L)
030388 Tr. 3X #	Area (D) Ceiling	3/21/2013	
030388 Tr. 3X #	Area (D) Ceiling	3/21/2013	
030388 Tr. 3X #	Area (C) Wall	3/21/2013	
030388 Tr. 3X #	Area (C) Wall	3/21/2013	
030388 Tr. 3X #	Area (B) Floor	3/21/2013	
030388 Tr. 3X #	Area (B) Floor	3/21/2013	

### Custody Information:

Samples relinquished:

Joel Clark 3/27/13 11:05  
 Signature / Date / Time

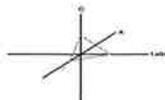
Samples received:

Matthew Rome 03/26/13  
 Signature / Date / Time  
 12:00pm

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**Crisp Analytical, L.L.C.**

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Fax 972-242-2798



**CA Labs, L.L.C.**

12232 Industriplex, Suite 32  
Baton Rouge, LA 70809  
Phone 225-751-5632  
Fax 225-751-5634

**Materials Characterization - Bulk Asbestos Analysis**

**Laboratory Analysis Report - Polarized Light**

**Arkansas State Highway & Transportation Dept.**

10324 I-30, Room 705  
Little Rock, AR 72209

**Attn:** Robert Pooler

**Customer Project:** 030388, Tract 3X 918 E 3rd St

**Reference #:** CAL13032711CP

**Date:** 04/02/13

**Analysis and Method**

Summary of polarizing light microscopy (PLM / Stereomicroscopy bulk asbestos analysis) using the methods described in 40CFR Part 763 Appendix E to Subpart E (Interim and EPA 600 / R-93 / 116 (Improved)). The sample is first viewed with the aid of stereomicroscopy. Numerous liquid slide preparations are created for analysis under the polarized microscope where identifications and quantifications are performed. Calibrated liquid refractive oils are used as liquid mounting medium. These oils are used for identification (dispersion staining). A calibrated visual estimation is reported, should any asbestiform mineral be present. Other techniques such as acid washing are used in conjunction with refractive oils for detection of smaller quantities of asbestos. All asbestos percentages are based on calibrated visual estimation traceable to NIST standards for regulated asbestos. Traceability to measurement and calibration is achieved by using known amounts and types of asbestos from standards where analyst and laboratory accuracy are measured. As little as 0.001% asbestos can be detected in favorable samples, while detection in unfavorable samples may approach the detection limit of 0.50% (well above the laboratory definition of trace).

**Discussion**

Vermiculite containing samples may have trace amounts of actinolite-tremolite, where not found by PLM should be analyzed using TEM methods and / or water separation techniques. Suspected actinolite/vermiculite presence will be indicated through the sample comment section of this report.

Fibrous talc containing samples may even contain a related asbestos fiber known as anthophyllite. Under certain conditions the same fiber may actually contain both talc and anthophyllite (a phenomenon called intergrowth). Again, TEM detection methods are recommended. CA Labs PLM report comments will denote suspected amounts of asbestiform anthophyllite with talc, where further analysis is recommended.

Some samples (floor tiles, surfacings, etc.) may contain fibers too small to be detectable by PLM analysis and should be analyzed by TEM bulk protocols.

A "trace asbestos" will be reported if the analyst observes far less than 1% asbestos. CA Labs defines "trace asbestos" as a few fibers detected by the analyst in several preparations and will indicate as such under these circumstances.

Quantification of <1% will actually be reported as <=1% (allowable variance close to 1% is high). Such results are ideal for point counting, and the technique is mandatory for friable samples (NESHAP, Nov. 1990 and clarification letter 8 May 1991) under 1% percent asbestos and the "trace asbestos". **In order to make all initial PLM reports issued from CA Labs NESHAP compliant, all <1% asbestos results (except floor tiles) will be point counted at no additional charge.**

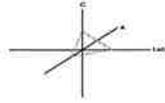
**Qualifications**

CA Labs is accredited by the National Voluntary Accreditation Program (NVLAP) for selected test methods for airborne fiber analysis (TEM), and for bulk asbestos fiber analysis (PLM). CA Labs is also accredited by AIHA LAP, LLC. in the PLM asbestos field of testing for Industrial Hygiene. All analysts have a college degree in a natural science (geology, biology, or environmental science) or are recognized by a state professional board in one these disciplines. Extensive in-house training programs are used to augment education background of the analyst. The group leader of polarized light has received supplemental McCrone Research training for asbestos identification. Analysis performed at Crisp Analytical Labs, LLC 1929 Old Denton Road Carrollton, TX 75006

Dallas NVLAP Lab Code 200349-0 TEM/PLM EPA H20 TX 01402 TDH 30-0235  
AIHA LAP, LLC Laboratory #102929

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Fax 972-242-2798



**CA Labs, L.L.C.**  
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Baton Rouge, LA 70809  
Phone 225-751-5632  
Fax 225-751-5634

## Overview of Project Sample Material Containing Asbestos

Customer Project:	030388, Tract 3X 918 E 3rd St		CA Labs Project #:	CAL13032711CP	
Sample #	Layer #	Analysts Physical Description of Subsample	Asbestos type / calibrated visual estimate percent	List of Affected Building Material Types	
030388 Tr. 3X-1	1-2	<b>Area (D) Ceiling/ tan surfaced tan compound</b>	<b>2% Chrysotile</b>	<b>tan surfaced tan compound tan compound (beneath tape) tan surfaced white compound white compound (beneath tape) tan floor tile black mastic</b>	
030388 Tr. 3X-1	1-3	<b>tan compound (beneath tape)</b>	<b>2% Chrysotile</b>		
030388 Tr. 3X-2	2-1	<b>Area (D) Ceiling/ tan surfaced tan compound</b>	<b>2% Chrysotile</b>		
	2-2	<b>tan compound (beneath tape)</b>	<b>2% Chrysotile</b>		
030388 Tr. 3X-3	3-1	<b>Area (C) Wall/ tan surfaced white compound</b>	<b>2% Chrysotile</b>		
	3-2	<b>white compound (beneath tape)</b>	<b>2% Chrysotile</b>		
030388 Tr. 3X-4	4-1	<b>Area (C) Wall/ tan surfaced white compound</b>	<b>2% Chrysotile</b>		
	4-2	<b>white compound (beneath tape)</b>	<b>2% Chrysotile</b>		

Dallas NVLAP Lab Code 200349-0 TEM/PLM EPA H20 TX 01402 TDH 30-0235  
**AIHA LAP, LLC Laboratory #102929**

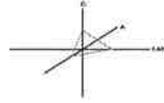
**Glossary of abbreviations (non-asbestos fibers and non-fibrous minerals):**

ca - carbonate	pe - perlite	fg - fiberglass	pa - palygorskite (clay)
gypsum - gypsum	qu - quartz	mw - mineral wool	
bi - binder		wo - wollastinite	
or - organic		ta - talc	
ma - matrix		sy - synthetic	
mi - mica		ce - cellulose	
ve - vermiculite		br - brucite	
ot - other		ka - kaolin (clay)	

This report relates to the items tested. This report is not to be used by the customer to claim product certification, approval or endorsement by NVLAP, NIST, AIHA LAP, LLC, or any other agency of the federal government. This report may not be reproduced except in full without written permission from CA Labs. These results are submitted pursuant to CA Labs' current terms and sale, condition of sale, including the company's standard warranty and limitations of liability provisions and no responsibility or liability is assumed for the manner in which the results are used or interpreted. Unless notified in writing to return the samples covered by this report, CA Labs will store the samples for a period of ninety (90) days before discarding. A shipping or handling fee may be assessed for the return of any samples.

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Dedicated to  
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Carrollton, TX 75006  
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Fax 972-242-2798



**CA Labs, L.L.C.**  
12232 Industriplex, Suite 32  
Baton Rouge, LA 70809  
Phone 225-751-5632  
Fax 225-751-5634

Overview of Project Sample Material Containing Asbestos

<b>Customer Project:</b>	030388, Tract 3X 918 E 3rd St		<b>CA Labs Project #:</b>	CAL13032711CP
<b>Sample #</b>	<b>Layer #</b>	<b>Analysts Physical Description of Subsample</b>	<b>Asbestos type / calibrated visual estimate percent</b>	<b>List of Affected Building Material Types</b>

030388 Tr. 3X-5	5-1	<b>Area (B) Floor/ tan floor tile</b>	<b>3% Chrysotile</b>
--------------------	-----	---------------------------------------	----------------------

	5-2	<i>black mastic</i>	<b>3% Chrysotile</b>
--	-----	---------------------	----------------------

030388 Tr. 3X-6	6-1	<b>Area (B) Floor/ tan floor tile</b>	<b>3% Chrysotile</b>
--------------------	-----	---------------------------------------	----------------------

	6-2	<i>black mastic</i>	<b>2% Chrysotile</b>
--	-----	---------------------	----------------------

Dallas NVLAP Lab Code 200349-0 TEM/PLM    EPA H20 TX 01402    TDH 30-0235  
**AIHA LAP, LLC Laboratory #102929**

**Glossary of abbreviations (non-asbestos fibers and non-fibrous minerals):**

- |                  |              |                    |                          |
|------------------|--------------|--------------------|--------------------------|
| ca - carbonate   | pe - perlite | fg - fiberglass    | pa - palygorskite (clay) |
| gypsum - gypsum  | qu - quartz  | mw - mineral wool  |                          |
| bi - binder      |              | wo - wollastinite  |                          |
| or - organic     |              | ta - talc          |                          |
| ma - matrix      |              | sy - synthetic     |                          |
| mi - mica        |              | ce - cellulose     |                          |
| ve - vermiculite |              | br - brucite       |                          |
| ot - other       |              | ka - kaolin (clay) |                          |

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**Polarized Light Asbestiform Materials Characterization**

**Customer Info:** Attn: Robert Pooler  
**Arkansas State Highway & Transportation Dept.**  
10324 I-30, Room 705  
Little Rock, AR 72209

**Customer Project:**  
030388, Tract 3X 918 E 3rd St  
**Turnaround Time:**  
3 Days

**CA Labs Project #:**  
CAL13032711CP  
**Date:** 04/02/13  
**Samples Received:** 3/28/13 12PM  
**Date Of Sampling:** 03/21/13  
**Purchase Order #:** 030388

Phone # 501-569-2317  
Fax # 501-569-2018

Sample #	Com ment	Layer #	Analysts Physical Description of Subsample	Homo- geneo us (Y/N)	Asbestos type / calibrated visual estimate percent	Non-asbestos fiber type / percent	Non-fibrous type / percent
----------	-------------	------------	---	-------------------------------	--	--------------------------------------	-------------------------------

030388 Tr. 3X-1		1-1	<b>Area (D) Ceiling/ tan surfaced tan compound</b>	n	<b>2% Chrysotile</b>		98% mi,bi,ca
--------------------	--	-----	--	---	----------------------	--	--------------

		1-2	<b>tan compound (beneath tape)</b>	y	<b>2% Chrysotile</b>		98% mi,ca
--	--	-----	------------------------------------	---	----------------------	--	-----------

		1-3	<b>white drywall with brown paper</b>	n	<b>None Detected</b>	23% ce	77% qu,gy
--	--	-----	---------------------------------------	---	----------------------	--------	-----------

030388 Tr. 3X-2		2-1	<b>Area (D) Ceiling/ tan surfaced tan compound</b>	n	<b>2% Chrysotile</b>		98% mi,bi,ca
--------------------	--	-----	--	---	----------------------	--	--------------

		2-2	<b>tan compound (beneath tape)</b>	y	<b>2% Chrysotile</b>		98% mi,ca
--	--	-----	------------------------------------	---	----------------------	--	-----------

		2-3	<b>white drywall with brown paper</b>	n	<b>None Detected</b>	24% ce	76% qu,gy
--	--	-----	---------------------------------------	---	----------------------	--------	-----------

030388 Tr. 3X-3		3-1	<b>Area (C) Wall/ tan surfaced white compound</b>	n	<b>2% Chrysotile</b>		98% mi,bi,ca
--------------------	--	-----	---	---	----------------------	--	--------------

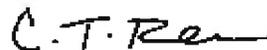
Dallas NVLAP Lab Code 200349-0 TEM/PLM EPA H20 TX 01402 TDH 30-0235

**AIHA LAP, LLC Laboratory #102929**

Analysis Method: Interim (40CFR Part 763 Appendix E to Subpart E) / Improved (EPA-600 / R-93/116)  
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gypsum - gypsum	ve - vermiculite	mw - mineral wool	br - brucite
bi - binder	ot - other	wo - wollastinite	ka - kaolin (clay)
or - organic	pe - perlite	ta - talc	pa - palygorskite (clay)
ma - matrix	qu - quartz	sy - synthetic	

Approved Signatories:



Tanner Rasmussen  
Analyst



QAC  
Leslie Crisp, P.G.

Technical Manager  
Chad Lytle

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Dedicated to  
Quality

**Crisp Analytical, L.L.C.**  
1929 Old Denton Road  
Carrollton, TX 75006  
Phone 972-242-2754  
Fax 972-242-2798

**CA Labs, L.L.C.**  
12232 Industriplex, Suite 32  
Baton Rouge, LA 70809  
Phone 225-751-5632  
Fax 225-751-5634

**Polarized Light Asbestiform Materials Characterization**

**Customer Info:** Attn: Robert Pooler  
**Arkansas State Highway & Transportation Dept.**  
10324 I-30, Room 705  
Little Rock, AR 72209

**Customer Project:**  
030388, Tract 3X 918 E 3rd St  
**Turnaround Time:**  
3 Days

**CA Labs Project #:**  
CAL13032711CP  
**Date:** 04/02/13  
**Samples Received:** 3/28/13 12PM  
**Date Of Sampling:** 03/21/13  
**Purchase Order #:** 030388

Phone # 501-569-2317  
Fax # 501-569-2018

Sample #	Com ment	Layer #	Analysts Physical Subsample	Description of	Homo- geneo us (Y/N)	Asbestos type / calibrated visual estimate percent	Non-asbestos fiber type / percent	Non-fibrous type / percent
		3-2		white compound (beneath tape)	y	2% Chrysotile		98% mi,ca
		3-3		white drywall with brown paper	n	None Detected	23% ce	77% qu,gy
030388 Tr. 3X-4		4-1		<b>Area (C) Wall/ tan surfaced</b> white compound	n	2% Chrysotile		98% mi,bi,ca
		4-2		white compound (beneath tape)	y	2% Chrysotile		98% mi,ca
		4-3		white drywall with brown paper	n	None Detected	23% ce	77% qu,gy
030388 Tr. 3X-5		5-1		<b>Area (B) Floor/ tan floor tile</b>	y	3% Chrysotile		97% qu,ca
		5-2		black mastic	y	3% Chrysotile		97% gy,bi

Dallas NVLAP Lab Code 200349-0 TEM/PLM EPA H20 TX 01402 TDH 30-0235

**AIHA LAP, LLC Laboratory #102929**

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or - organic	pe - perlite	ta - talc	pa - palygorskite (clay)
ma - matrix	qu - quartz	sy - synthetic	

Approved Signatories:

*C.T. Rasmussen*

Tanner Rasmussen  
Analyst

*Leslie Crisp*

QAC  
Leslie Crisp, P.G.

Technical Manager  
Chad Lytle

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## Polarized Light Asbestiform Materials Characterization

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**Arkansas State Highway & Transportation Dept.**  
10324 I-30, Room 705  
Little Rock, AR 72209

**Customer Project:**  
030388, Tract 3X 918 E 3rd St  
**Turnaround Time:**  
3 Days

**CA Labs Project #:**  
CAL13032711CP  
**Date:** 04/02/13  
**Samples Received:** 3/28/13 12PM  
**Date Of Sampling:** 03/21/13  
**Purchase Order #:** 030388

Phone # 501-569-2317  
Fax # 501-569-2018

Sample #	Com ment	Layer #	Analysts Physical Description of Subsample	Homo- geneo us (Y/N)	Asbestos type / calibrated visual estimate percent	Non-asbestos fiber type / percent	Non-fibrous type / percent
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030388 Tr. 3X-6		6-1	Area (B) Floor/ tan floor tile	y	3% Chrysotile		97% qu,ca
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		6-2	black mastic	y	2% Chrysotile		98% gy,bi
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030388 Tr. 3X-7		7-1	brown linoleum	y	None Detected	29% ce	71% gy,ma
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		7-2	tan mastic	y	None Detected		100% gy,bi
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		7-3	white self-adhesive floor tile	y	None Detected		100% qu,gy,ma
--	--	-----	--------------------------------	---	---------------	--	---------------

		7-4	tan mastic	y	None Detected		100% gy,bi
--	--	-----	------------	---	---------------	--	------------

030388 Tr. 3X-8		8-1	brown linoleum	y	None Detected	30% ce	70% gy,ma
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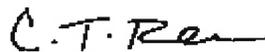
Dallas NVLAP Lab Code 200349-0 TEM/PLM EPA H20 TX 01402 TDH 30-0235

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Sample #	Com ment	Layer #	Analysts Physical Description of Subsample	Homo- geneo us (Y/N)	Asbestos type / calibrated visual estimate percent	Non-asbestos fiber type / percent	Non-fibrous type / percent
8-2	tan mastic			y	None Detected		100% gy,bi
8-3	white self-adhesive floor tile			y	None Detected		100% qu,gy,ma
8-4	tan mastic			y	None Detected		100% gy,bi

Dallas NVLAP Lab Code 200349-0 TEM/PLM EPA H20 TX 01402 TDH 30-0235

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INSPECTION FLOOR PLAN

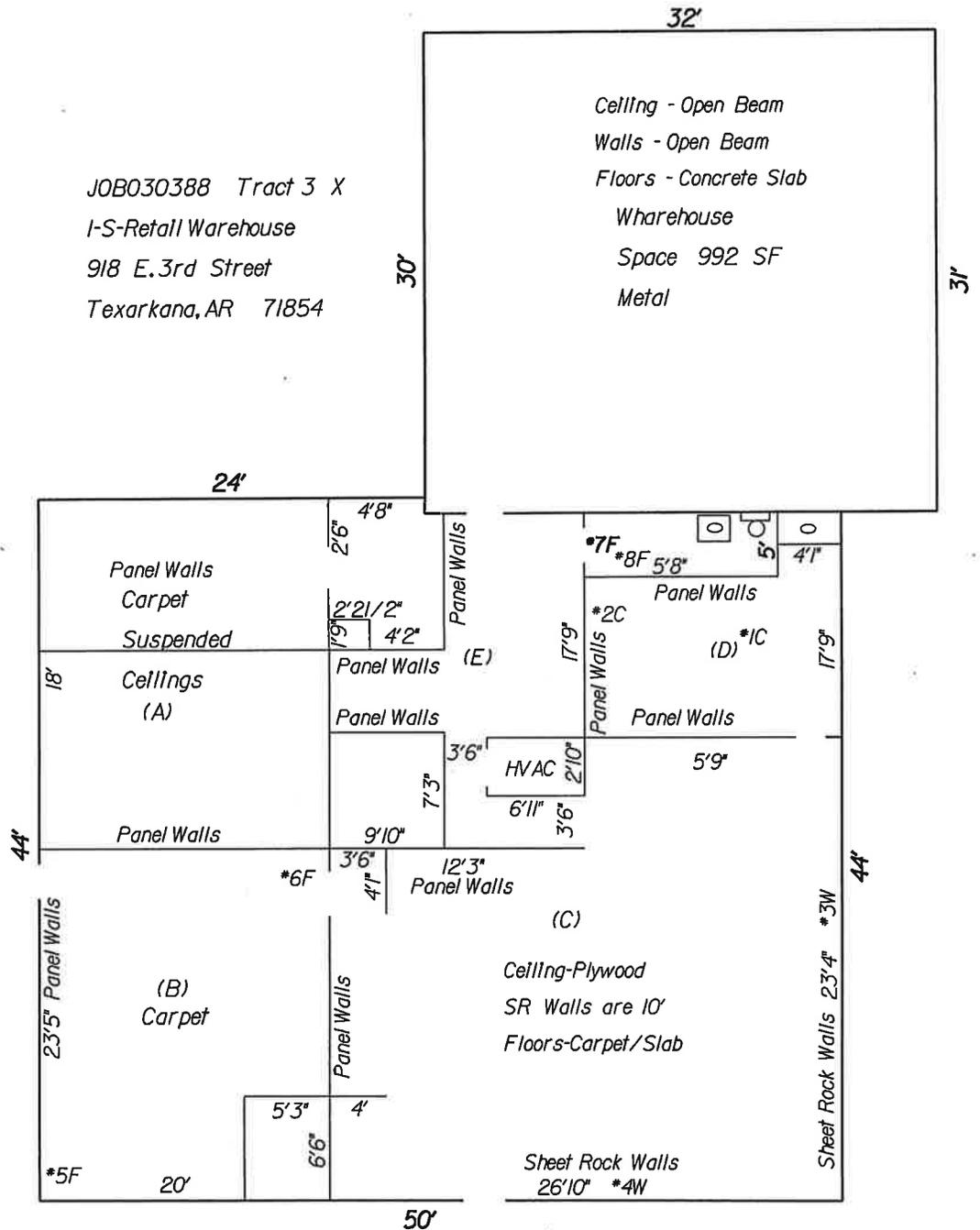
JOB: 030388  
 TRACT: 3 X  
 DATE: 3/21/2013

PROPERTY LOCATION  
 I-S-Retail Warehouse  
 918 E. 3<sup>rd</sup> Street  
 Texarkana, AR 71854

INSPECTED BY  
 Joel Clark (011518)  
 AEP # 428 566 041

Sample Number	Description/ Location	Sample Number	Description/ Location
#1	D) Ceiling	#11	
#2	D) Ceiling	#12	
#3	C) Wall	#13	
#4	C) Wall	#14	
#5	B) Floor	#15	
#6	B) Floor	#16	
#7	F) Floor	#17	
#8	F) Floor	#18	
#9		#19	
#10		#20	

Homogenous Areas:	
Roofing	Metal (Warehouse) / Composition Shingle
Siding	Metal
Ceilings Warehouse/Open Beam	C) Plywood; DEF- Sheet Rock
Walls	ABDE-Paneling; C) Sheet Rock On the Primeter
Floors (B & F) Floor Tile	A,CDE) Carpet/Conc. Slab

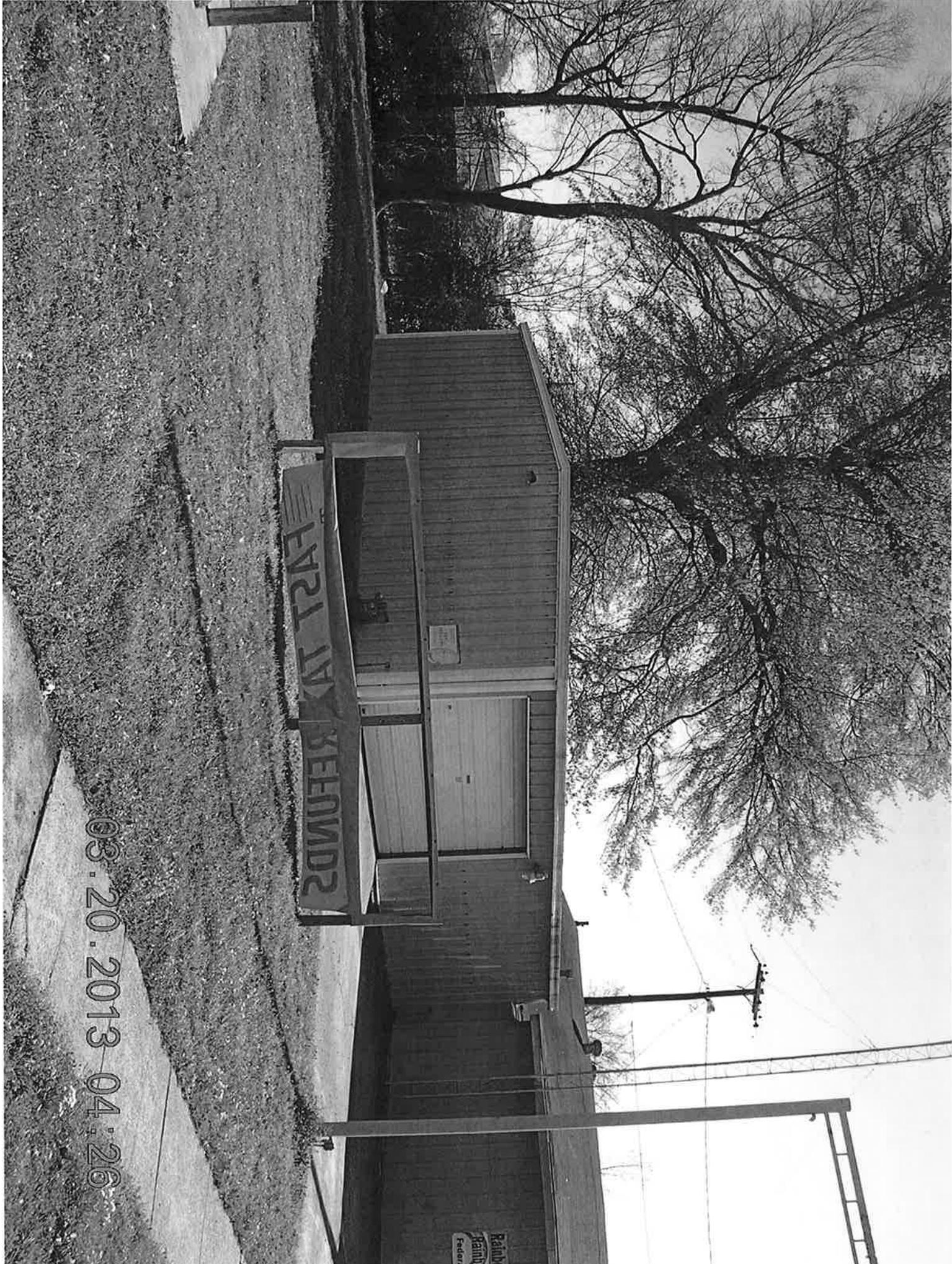




03.20.2013 04:27



03 20 2013 04 26



03.20.2013 04:26

Rainbow  
Rainbow  
Federal



03:20:2013 04:26



LONE STAR SALES  
BUY HERE PAY HERE

TR 5X

03.21.2013 08:05

TR 5X



LONE STAR SALES

WE FINANCE

870-773-DEAL

Lone Star Sales  
870-773-2222

03.20.2013 04:38

TR 5X

030388

RIGHT OF WAY SIGNS AND SYMBOLS

- SECTION CORNER
- ◐ QUARTER CORNER
- QUARTER CORNER
- SECTION CENTER
- STATE LINE OR CITY LIMITS
- COUNTY LINE
- TOWNSHIP LINE
- QUARTERS SECTION LINE
- PROPERTY LINE
- EXISTING R/W LINE
- PROPOSED R/W LINE
- PROPOSED CONTROL OF ACCESS
- PROPOSED R/W & CONTROL OF ACCESS
- EXISTING R/W DIMENSION
- PROPOSED R/W DIMENSION
- TEMPORARY & PERMANENT EASEMENT LINE
- EXISTING BRIDGE OR SEPARATION STRUCTURE
- PROPOSED BRIDGE OR SEPARATION STRUCTURE
- EXISTING CULVERT
- RAILROAD
- GRAVEL ROAD
- PAVED ROAD
- FENCE
- CONSTRUCTION LIMITS
- TRAIL
- LEVEE
- RESIDENTIAL & COMMERCIAL BUILDING
- HEDGE ROW
- SMALL STREAM
- LARGE STREAM
- POND OR LAKE
- TELEPHONE POLES
- POWER POLES
- TRANSMISSION LINES
- TREES
- DECIDUOUS TREES
- EVERGREEN TREES
- △ SET INTO R/W MONUMENT
- △ TEMPORARY EASEMENT POINT
- △ PERMANENT EASEMENT POINT
- EXISTING R/W POINT
- PROPERTY LINE POINT
- FOUND MONUMENT
- △ SURVEY CALCULATED POINT

1/2012 INSPECTE 3-21/13

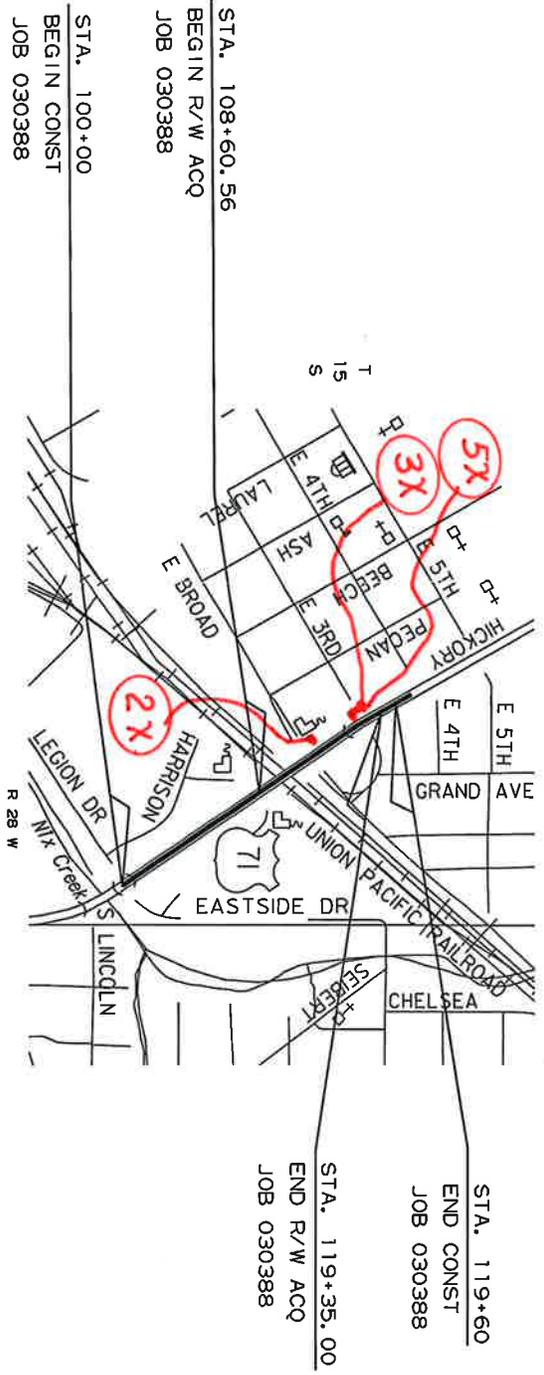
STATE OF ARKANSAS  
STATE HIGHWAY COMMISSION



# BROAD ST. STR. & APPRS.

RIGHT OF WAY MAP  
(TEXARKANA) (S)  
MILLER COUNTY  
ROUTE 71 SECTION 02  
JOB 030388

LAYOUT  
NOT TO SCALE



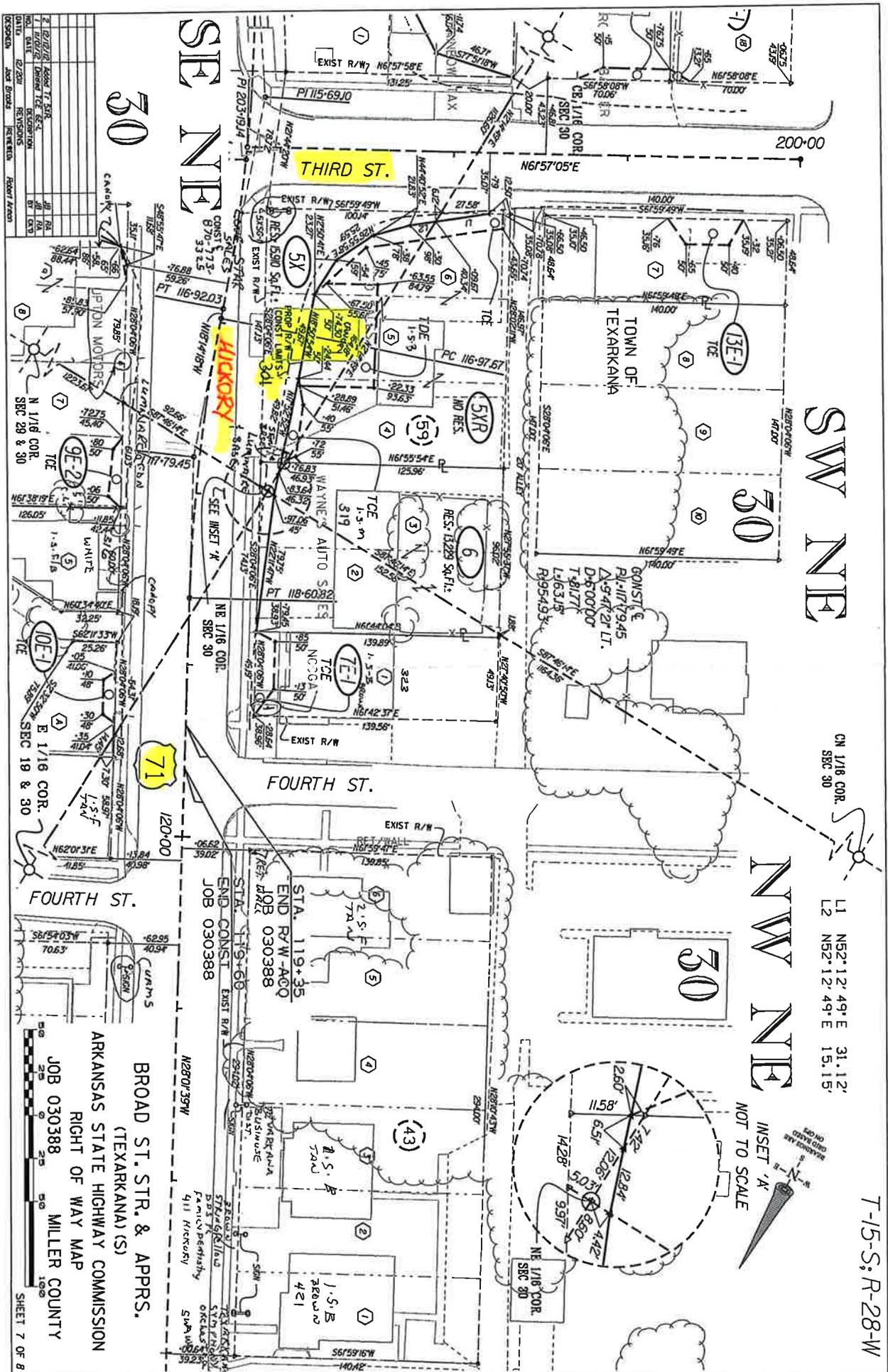
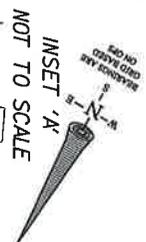


SW NE

NW NE

T-15-S; R-28-W

CN 1/16 COR. SEC 30  
L1 N52°12'49"E 31.12'  
L2 N52°12'49"E 15.15'



NO.	DATE	REVISIONS
1	12/12/12	ADDED TO EXISTING
2	12/12/12	ADDED TO EXISTING
3	12/12/12	ADDED TO EXISTING
4	12/12/12	ADDED TO EXISTING
5	12/12/12	ADDED TO EXISTING
6	12/12/12	ADDED TO EXISTING
7	12/12/12	ADDED TO EXISTING
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26	12/12/12	ADDED TO EXISTING
27	12/12/12	ADDED TO EXISTING
28	12/12/12	ADDED TO EXISTING
29	12/12/12	ADDED TO EXISTING
30	12/12/12	ADDED TO EXISTING

ARIZONA STATE HIGHWAY COMMISSION  
 RIGHT OF WAY MAP  
 JOB 030388  
 MILLER COUNTY

BROAD ST. STR. & APPRS.  
 (TEXARKANA) (S)

BRIDGE DEPARTMENT  
 411 HINDSBY  
 TEXARKANA, AR 71601

DATE: 12/12/12  
 DRAWN BY: [Name]  
 CHECKED BY: [Name]  
 SCALE: AS SHOWN

SHEET 7 OF 8