IOWA | Department of Administrative Services

KIM REYNOLDS, GOVERNOR
ADAM GREGG, LT. GOVERNOR

ADAM STEEN, DIRECTOR

Addendum 01 for RFQ926800-03

Project Name: Wallace Sub Tunnel Repairs
DAS RFQ #: 926800-03
DAS Project #: 9268.00
Date: 9/20/2024

Quotes Due: September 24th, 2024 at 2:00 PM CST

Contents:

- Cover Page – Table of Contents & Questions (1 page)
- Pre-Bid Meeting Minutes and Sign in Sheet (5 pages)
- Tunnel Map – showing access for deliveries in Iowa Workforce Development Building (1 page)
- Hazardous Materials Report attached – No Hazardous materials identified (19 pages)

1. Questions:

Q: What is the anticipated / required loading the shoring is expected to carry?

A: The shoring load across the existing wall opening is 1960 plf. As we have the shoring showed on S100, that means a point load of 3185 pounds per beam

Q: Would it be acceptable to shorten the length of the shoring beam, by shoring through the metal grate or removing the metal grate and placing shoring posts (2) to grade at that location.

A: No, the metal grate must remain in place.

Q: During work activities, will a confined space permit be required by the State of Iowa?

A: Yes, Contractor is responsible for all permits as required by OSHA guidelines for a confined space permit.

State of Iowa - Department of Administrative Services
109 SE 13th St.
Des Moines, Iowa 50319
P: (515) 281-7260

Project: 9268.00 ~ .02 DAS CC Tunnel Joint Repair Evaluation & Mitigation
109 SE 13th St.
Des Moines, Iowa 50319

RFQ Pre-Quote Minutes: Meeting #1

Meeting Date	Sep 12, 2024	**Meeting Time**	9:00 AM - 10:00 AM Central Time (US & Canada)
Meeting Location			
Overview	Meeting to allow prospective quoters to visit the site, when possible, and learn more about the project.		
Notes			
Attachments			

Scheduled Attendees

Name	Company	Phone Number	Email	Attendance
Brad Meister	Capitol Complex Maintenance		brad.meister@iowa.gov	Present
Kurt Fisher	DCI Group	P: (515) 244-5043	kurtf@dcigroup-us.com	Absent
Travis Hoyle	DCI Group	P: (515) 244-5043	travish@dcigroup-us.com	Present
Jennifer Kleene	State of Iowa - Department of Administrative Services	P: (515) 725-0454	jennifer.kleene@iowa.gov	Present

Introductions

No.	Mtg Origin	Title	Assignment	Due Date	Priority	Status
1.1	1	Introductions				Open
	Description Attendees					

Project Overview

No.	Mtg Origin	Title	Assignment	Due Date	Priority	Status
2.1	1	Project Description				Open

Description

1. **Quote Package #01** – **Sub Tunnel Support Beam Repairs**: Trade Contractor shall include all of the following, but not limited to, as part of the contract:
    1. This contractor shall provide support beam repairs in the Wallace Sub Tunnel as outlined in the construction documents in Exhibit C This includes but is not limited to providing and the installation of all shoring required for the removal of the existing beam and twist jack and the replacement beam and twist jack installation.
    2. The design of a shoring plan is the responsibility of this contractor, the shoring is to be designed, signed, and sealed by a licensed engineer. This design must be submitted to Shive Hattery Engineering for review/approval prior to the installation of the temporary shoring.
    3. This contractor shall protect all utilities in all tunnels during the entirety of construction. Utilities in the tunnel need to remain in-service throughout construction.
    4. At completion of the project, the contractor shall provide the following documentation:

1. As-built drawings
2. Contractor warranty(ies)
3. Unconditional Final lien waivers from all subcontractors and suppliers
4. AIA form G706, G706A, and G707
5. 573 notification
6. Final completion checklist
7. Certificate of Final Completion completed via Docusign

Official Documented Meeting Minutes

- steam piping will be on during construction and it will be hot down in the sub tunnel

No.	Mtg Origin	Title	Assignment	Due Date	Priority	Status
2.2	1	Project Schedule				Open

Description

- Contract(s) Issued: week of Sept 30th 2024
- Submittals: October 2024
- Construction: November 2024
- Closeout: December 2024

A pull-plan session will be held with the successful contractor(s) to finalize the construction schedule.

State Holidays: New Year's Day, Martin Luther King Day, Memorial Day, 4th of July, Labor Day, Veterans Day, Thanksgiving and day after Thanksgiving, Christmas Day

Official Documented Meeting Minutes

- DAS/CCM do not have any issues with contractors working on Veterans Day or the days before and after Thanksgiving.

No.	Mtg Origin	Title	Assignment	Due Date	Priority	Status
2.3	1	Site Rules				Open

Description

- Onsite supervision by Prime Contractor is required at all times when work by that contractor or their subcontractors/suppliers is taking place.
- Contractor(s) shall provide daily logs for each day they are on site.
- Construction progress meeting will be established once construction starts.
- It is of the utmost importance to show respect and courtesy to all staff at all times.
- Clean all debris, materials, and bring all finishes back to existing conditions in the area they were working in prior to moving to the next area.
- No smoking, vaping or smokeless tobacco use onsite.
- Contractors are allowed to utilize 6 parking stalls at the Wallace building parking lot for staging/material lay down area and one foreman parking spot.
- Additional parking for crew members is available at the parking lot on the corner of East 10th St. an Lyon St.
- Contractors will be allowed to utilize restroom facilities onsite on the first floor of the Wallace Building
- Background checks
    - Crew Forman must submit and pass a background check. They will be issued a badge for access into the building.
- Work hours

- Monday-Friday 7:00 am - 5:00 pm

- View RFQ for more information.

Official Documented Meeting Minutes

- The IWD staff has agreed to intermittent use of the dock at 1000 E Grand for delivery of material only. As previously discussed, laydown, ConEx, and superintendent parking is in Lot 9 and general parking in Lot 22 and the street. The IWD dock can be used to deliver material and then the vehicle must be moved. Also, 24 hours advance notice is needed as their van parks there when it is not on a run.

RFQ Overview

No.	Mtg Origin	Title	Assignment	Due Date	Priority	Status
3.1	1	Quote Submission				Open

Description

- Quotes are due ***by 2:00 pm on Tuesday September 24th, 2024***
- The Quote shall be submitted to the Issuing Officer through the IMPACS Electronic Procurement System (do **not** email to Procurement).
  - Link and information is in the Request for Quote
  - Contractors will need to register prior to submitting Quotes
  - Contractors will need to register regardless of whether it has already done business with the State of Iowa.
  - Contractors should complete the registration process and ensure the ability to log in as soon as possible to ensure Quote can be submitted on the due date.
  - Please make sure the electronic documents submitted contain any required signatures. Digital signatures will be accepted.

No.	Mtg Origin	Title	Assignment	Due Date	Priority	Status
3.2	1	Quote Schedule				Open

Description

- Questions/Substitutions Due in Writing to Construction.Procurement@iowa.gov: by 2:00 pm on September 17th, 2024
- Addendum Issued: by September 20th, 2024
- Quotes Due: ***by 2:00 pm on Tuesday September 24th, 2024***
- Tentative NOI Issued: September 25th, 2024

No.	Mtg Origin	Title	Assignment	Due Date	Priority	Status
3.3	1	Administrative Details				Open

Description

- Contractor(s) will sign a modified ConsensusDocs 802. Example is linked in the RFQ.
- Project-specific Certificate of Insurance must be provided prior to contract execution. Follow example in the project manual and limits in the 802.
- Project-specific P&P bonds must be provided prior to contract execution.
- Successful contractor must turn in their list of subcontractors and suppliers within 48 hours.
- DAS will provide tax exempt certificates upon request.
- Procore will be used for all project management, at no cost to the trade contractor.
  - Submittals, Invoicing, RFIs, ASIs, PRs, RFQs
  - Contracts, Change Orders and Certificates of Substantial and Final Completion will also use Docusign

- Contractor Schedule of Values shall be broken out as specified in the project manual.
    - SOV must contain a closeout line item for at least 1% of the total contract value.
    - This line item can only be invoiced once the certificate of final completion has been signed by all parties.

Questions

No.	Mtg Origin	Title	Assignment	Due Date	Priority	Status
4.1	1	Questions				Open
	Description Submit all questions in writing to Construction.Procurement@iowa.gov.					
	Official Documented Meeting Minutes Q. What is the estimated cost of construction? A. $35,500.00 Q. Is there steam piping in the subtunnel? A. Yes. Q. Who else will be in the tunnel area? A. There should not be anyone else in the subtunnel, unless there is an emergency, as CCM does not enter the subtunnel when the steam is on. Pedestrians may be present in the tunnel system above the subtunnel.					

DCI GROUP
DESIGN + CONSTRUCTION INTEGRATION

Meeting: 9268.01 Wallace Sub Tunnel Repairs – Pre-Quote Meeting
Date: 9/12/24

Attendees

In Attendance (Initial)	Name	Company
	Travis Hoyle 641-485-7057	DCI Group
	Dan Owens 515-2495817	[illegible]
	James Schellhorn 319-483-8404	Neumann Brothers
	John Maletta 515-[illegible]-8[illegible]71	Neumann Brother
	Mike Mann 816) 520-3902	Innovative Masonry Restoration
	Adam Duffy 515-202-2909	Western
	Justin [illegible] 515-[illegible]	McMahon
	Clint Rhoads 641 455 0331	Minturn
	Dylan Miller 319 400 7042	CLC
	Mark Fargo 515-249-2073	ICI

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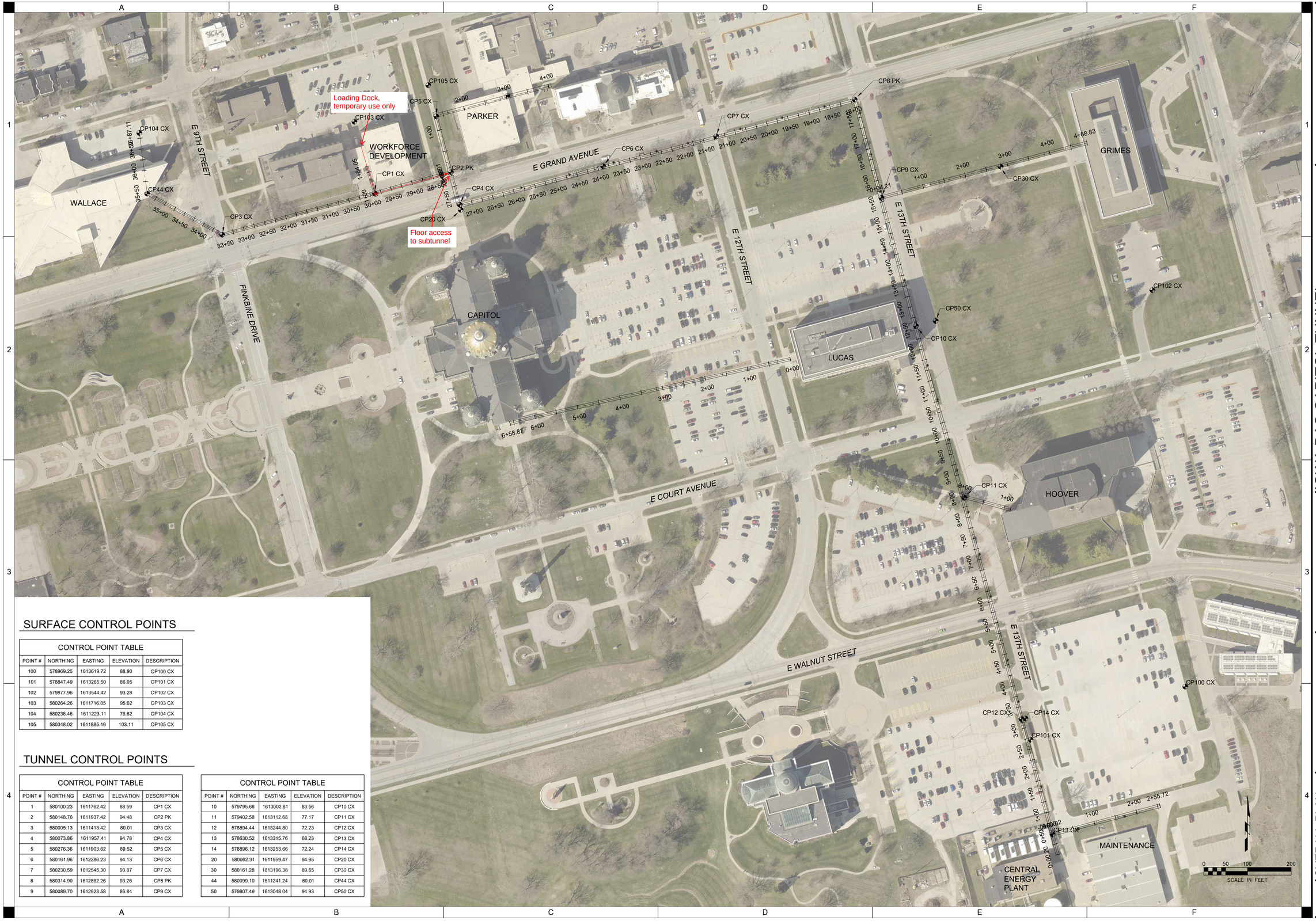

SURFACE CONTROL POINTS

CONTROL POINT TABLE				
POINT #	NORTHING	EASTING	ELEVATION	DESCRIPTION
100	578969.25	1613619.72	88.90	CP100 CX
101	578847.49	1613265.50	86.05	CP101 CX
102	579877.96	1613544.42	93.28	CP102 CX
103	580264.26	1611716.05	95.62	CP103 CX
104	580238.46	1611223.11	76.62	CP104 CX
105	580348.02	1611885.19	103.11	CP105 CX

TUNNEL CONTROL POINTS

CONTROL POINT TABLE				
POINT #	NORTHING	EASTING	ELEVATION	DESCRIPTION
1	580100.23	1611762.42	88.59	CP1 CX
2	580148.76	1611937.42	94.48	CP2 PK
3	580005.13	1611413.42	80.01	CP3 CX
4	580073.86	1611957.41	94.78	CP4 CX
5	580276.36	1611903.62	89.52	CP5 CX
6	580161.96	1612286.23	94.13	CP6 CX
7	580230.59	1612545.30	93.87	CP7 CX
8	580314.90	1612862.26	93.26	CP8 PK
9	580089.70	1612923.58	86.84	CP9 CX

CONTROL POINT TABLE				
POINT #	NORTHING	EASTING	ELEVATION	DESCRIPTION
10	579795.68	1613002.81	83.56	CP10 CX
11	579402.58	1613112.68	77.17	CP11 CX
12	578894.44	1613244.80	72.23	CP12 CX
13	578630.52	1613315.76	68.23	CP13 CX
14	578896.12	1613253.66	72.24	CP14 CX
20	580062.31	1611959.47	94.95	CP20 CX
30	580161.28	1613196.38	89.65	CP30 CX
44	580099.10	1611241.24	80.01	CP44 CX
50	579807.49	1613048.04	94.93	CP50 CX

SHIVEHATTERY
ARCHITECTURE + ENGINEERING
4125 WESTOWN PKWY, SUITE 100
WEST DES MOINES, IOWA 50266
515.223.8104 | SHIVE-HATTERY.COM

IOWA DAS CAPITOL TUNNEL COMPLEX

IOWA DEPARTMENT OF ADMINISTRATIVE SERVICES

DES MOINES, IOWA

PRELIMINARY - NOT FOR CONSTRUCTION

DRAWN BY	CWH
APPROVED BY	CRB
ISSUED FOR	REVIEW
ISSUE DATE	2022-05-24
PROJECT NUMBER	21422201940
FIELD BOOK	---

OVERALL PLAN

C100

P:\Projects\2042142201940\Deliverables\Drawings\1_Civil\C100.01CIVIL-PLAN.dwg
Printed: 7/20/2022 - 1:42:34 PM

HAZARDOUS BUILDING MATERIALS SURVEY REPORT

PREPARED FOR:

DCI Group
220 SE 6th Street, Suite 200
Des Moines, IA 50309

PROJECT LOCATION:

Wallace Subtunnel Repair Project #9268
502 East 9th Street
Des Moines, Iowa

Project Date: August 28, 2024

Report Date: September 16, 2024

Atlas Project ID: 204BS07611

PREPARED BY:

Atlas Technical Consultants
4503 E. 50th Street, Suite 800
Des Moines, Iowa

September 16, 2024

Mr. Travis Hoyle
DCI Group
220 SE 6th Street, Suite 200
Des Moines, IA 50309

Re: Hazardous Building Materials Survey Report
Wallace Subtunnel Repair Project #9268
502 East 9th Street
Des Moines, Iowa
Atlas Project Number: 204BS07611

Atlas is pleased to submit the attached Hazardous Building Materials Survey Report for the above-referenced site. This report includes procedures, methodologies and analytical laboratory results.

Atlas appreciates the opportunity to perform these services for the IDAS and the DCI Group, and we look forward to working with you in the future. If you need any assistance with the implementation of the recommendations contained in this report, please feel free to give us a call at (402) 670-3842 and we will respond promptly to your needs.

Sincerely,

ATLAS TECHNICAL CONSULTANTS, LLC

Prepared By:

Eric Brown
Environmental Technician

Reviewed By:

Steve Hudson, MS, CIH, CIEC
Sr. Project Manager

T A B L E O F C O N T E N T S

H A Z A R D O U S B U I L D I N G M A T E R I A L S S U R V E Y R E P O R T

Wallace Subtunnel Repair Project #9268
502 East 9th Street
Des Moines, Iowa
Atlas Project Number: 204BS07611

1.0 SCOPE OF SERVICES

The purpose of this project was to perform a survey for hazardous building materials that may be impacted by planned repair activities at the above-referenced property.

Atlas provided a representative hazardous materials survey in accordance with the referenced agreement and as outlined below:

1. Review any existing hazardous building material survey reports relating to the site, if available.
2. Identify suspect asbestos-containing materials (ACM), surface coatings potentially containing lead paint, and hazardous building materials within the planned upgrades project work areas.
3. Collect and analyze bulk samples of suspect asbestos containing materials and collect paint chip samples from representative surface coatings potentially containing lead-based or lead-containing paint.
4. Provide laboratory analysis of collected samples.
5. Provide a report of findings with copies and interpretation of analytical results and identifying the locations of asbestos-containing materials, lead paint, and hazardous building materials.

2.0 GENERAL SITE CONDITIONS

The survey was conducted at the Wallace Subtunnel located at 502 E 9th Street in Des Moines, Iowa. The survey area was limited to the areas to be disturbed as part of planned repair activities.

3.0 ASBESTOS SURVEY

On August 28, 2024, the Wallace Subtunnel was inspected for asbestos-containing building materials by inspector Eric Brown of Atlas. Mr. Brown has completed the requisite training for asbestos accreditation as inspectors at a state approved training provider under TSCA Title II. Mr. Brown's State of Iowa Inspector number is 24-11418.

The planned renovation work areas were visually inspected for the presence of

suspect asbestos-containing materials (ACM). Materials that were hidden, not accessible, or when sampled would damage the integrity of the structure, were not sampled as part of this survey. Materials visibly identified as non-asbestos (fibrous glass, foam rubber, wood, etc.) were not sampled. The asbestos survey consisted of three basic steps: **1)** a visual inspection of the proposed work areas; **2)** a determination of homogeneous areas with suspect surfacing, thermal system insulation, and miscellaneous materials; and **3)** sampling accessible, friable and non-friable, suspect materials.

3.1 Regulation Review

The U.S. EPA qualifies asbestos-containing materials (ACM) as materials with an asbestos content greater than 1%. The following definitions are taken from Section 61.141 of Subpart M, Part 61 of Title 40: Protection of Environment of the Code of Federal Regulations (CFR).

- "Category I non-friable asbestos-containing material (ACM)" is defined as asbestos-containing packings, gaskets, resilient floor covering, and asphalt roofing products containing more than 1% asbestos as determined using the method specified in appendix E, subpart E, 40 CFR part 763, section 1, Polarized Light Microscopy (PLM).

- "Category II non-friable ACM" is defined as any material, excluding Category I non-friable ACM, containing more than 1% asbestos as determined using the methods specified in appendix E, subpart E, 40 CFR part 763, section 1, PLM that, when dry, ***cannot*** be crumbled, pulverized, or reduced to powder by hand pressure.

- "Friable asbestos material" is defined as any material containing more than 1% asbestos as determined using the methods specified in appendix E, subpart E, 40 CFR part 763, section 1, PLM that when dry, ***can*** be crumbled, pulverized, or reduced to powder by hand pressure. If the asbestos content is less than 10% as determined by a method other than point counting by PLM, verify the asbestos content by point counting using PLM.

3.2 Homogeneous Areas

Prior to sampling, homogeneous areas were identified in order to facilitate a sampling strategy. A homogeneous sampling area can be described as one or more areas with suspect material similar in appearance and texture that have the same installation date and function. The actual number of samples collected from each homogeneous sampling area may vary, dependent upon material type and the professional judgment of the inspector.

3.3 Sampling Strategy

The sampling strategy incorporated AHERA requirements, quantities of suspect material, and the inspector's judgment to aid in the identification of suspect asbestos-containing materials. If the analytical results indicated that all the samples collected per homogeneous area did not contain asbestos, then the homogeneous area (material) was considered non-asbestos-containing. However, if the analytical results of one or more of the samples collected per homogeneous area indicated that asbestos was present in quantities greater than one percent asbestos (as defined by EPA), all of the homogeneous area (material) was treated as an asbestos-containing material regardless of any other analytical results. Materials which were visually determined to be non-asbestos (i.e. fibrous glass, foam rubber, etc.) by the accredited inspector were not required to be sampled. Actual collection of a bulk asbestos sample involves physically removing approximately one square inch (1 in^2) of material and placing it in an airtight sample container. Sample containers were marked with a unique identification number, which was documented in the field notes.

3.4 Suspect Asbestos-Containing Materials

The following table contains a list of the three (3) suspect asbestos containing materials sampled:

TABLE 1: SUSPECT ASBESTOS MATERIALS		
MATERIAL	**LOCATION**	**SAMPLE NUMBER**
Expansion Joint - Fiberboard	Ceiling "Header"	WT-1
Brick Mortar	Ceiling	WT-2
I-Beam Laminate Coating	Lower Beam	WT-3

The following table is a summary of the materials determined to contain asbestos:

TABLE 2: ASBESTOS-CONTAINING MATERIALS				
MATERIAL	**LOCATION**	**SAMPLE #**	**APPROX. QUANTITY**	**ASBESTOS CONTENT**
No asbestos containing materials were identified.				
SF = Square Feet, LF = Linear Feet MF = Mechanical Fittings				

3.5 Laboratory Analytical Results

Bulk samples were analyzed by EMSL Analytical, Inc. located at 200 Route 130 North, Cinnaminson, NJ. Polarized Light Microscope analysis, utilizing dispersion staining techniques (ref.: EPA Method 600/M4-82-020), was performed to determine the asbestos content of the bulk samples collected at the site. This laboratory is currently a proficient participant in the American Industrial Hygiene Association (AIHA) Bulk Asbestos Proficiency Analytical Testing Program; a quality assurance program for polarized light microscopy analysis. Any material that contains greater than one percent asbestos is considered an ACM and must be handled according to Occupational Safety and Health Administration (OSHA), EPA, and all applicable state and local regulations.

Laboratory test results are provided in Appendix A.

4.0 LEAD PAINT SURVEY

On August 28, 2024, the Wallace Sub Tunnel was inspected for lead paint by Eric Brown of Atlas. The purpose of the survey was to identify locations and concentrations of lead in paints and coatings on building components that may be disturbed as part of planned repair activities.

4.1 Inspection

The lead survey was performed in general accordance with the U.S. Housing and Urban Development Chapter 7 of the *Guidelines for the evaluation and Control of Lead-Based Paint Hazards in Housing* (1997 Revision). Survey criteria included the inspection and sampling of the representative painted surfaces on the interior of the building.

Regulatory limits from the Housing and Urban Development (HUD) and the Environmental Protection Agency (EPA) establishes that lead-based paint (LBP) by definition is paint that contains more than 0.5% of lead in paint. OSHA's "Lead in Construction Standard" (29 CFR 1926.1101) addresses <u>any</u> concentration of lead in paint ("lead-containing paint").

Prior to demolition or renovation activities, all contractors involved should be notified regarding the presence of painted components under the guidelines of the OSHA Lead in Construction standard 29 CFR 1926.62. Care should be exercised in acknowledging that the OSHA 29 CFR 1926.62 has no LBP threshold definition and is concerned with exposures generated by LBP disturbances, which may include materials containing less than 0.5% lead by weight. The OSHA regulations are based strictly on airborne lead concentrations; therefore, the measured lead concentration of the paint and the method of paint disturbance will both factor into the potential airborne hazard.

OSHA requires the contractor to inform its employees of potential lead hazards, based upon the work being performed. The purpose of OSHA's Lead Construction Standard is to reduce the exposure to lead for all construction workers. It is for this reason that Atlas recommends contractors be informed of the presence of lead. OSHA's standard includes an 8-hour time weighted average (TWA) of 50 micrograms of lead per cubic meter of air (mg/m^3) and an action level (regardless of respirator use) of 30 mg/m^3.

Prior to disposal of debris that contains materials that have been found to contain lead, conduct a Toxicity Characteristic Leaching Procedures (TCLP) on representative solid wastes. This will determine if the debris requires a hazardous waste disposal site. A TCLP was not collected as part of this current inspection.

4.2 Lead Paint Testing

No samples were collected / analyzed as no suspect lead containing surface coatings were identified in surfaces / materials to be disturbed as part of planned repair activities.

Table 3. Lead Paint Test Results

Sample No.	Paint Color	Substrate	Surface	Sample Location	Results (% wt)
No lead containing surface coatings were identified.					

- No lead containing surface coatings were identified in the planned repair project areas.

This evaluation report can help the Owner develop a plan for renovating the building by having concentrations of lead in the paint identified. It is our understanding that the information in this report will be provided to the contractors so that appropriate precautions can be made to minimize worker exposure to lead. If surface coatings with lead containing paint are handled improperly, exposure could occur to workers and future occupants of the facility.

5.0 HAZARDOUS MATERIALS ASSESSMENT

Atlas completed a visual inspection of areas throughout the intended work areas to identify hazardous wastes or universal wastes that may be impacted by planned repair activities. The survey included a visual inspection of: light fixtures and other equipment for the presence of Polychlorinated Biphenyls (PCBs); light bulbs, thermostats, switches, and other equipment for the presence of mercury; refrigerants, batteries, and devices with potential radioactive materials.

TABLE 4: HAZARDOUS BUILDING MATERIALS		
Category	**Material**	**Estimated Quantity**
Poly-Chlorinated Biphenyl (PCBs)	Transformers	N/A
	Transistors	N/A
	Light Ballasts	N/A
Mercury	Thermostats	N/A
	Switches/Relays	N/A
	Fluorescent Light Tubes	N/A
	High Intensity Discharge lights	N/A
	Thermometers/ Manometers	N/A
Batteries	Smoke Detectors	N/A
	Emergency Lighting Systems	N/A
	Exit Signs	N/A
	Flashing Fire Alarms	N/A
Chlorofluorocarbons (CFCs) or Hydro Chlorofluorocarbons (HCFCs)	Refrigerators/Freezers/Chillers	N/A
Low Level Radioactive Sources (LLR)	Smoke/Fire Alarms	N/A

Hazardous materials or universal wastes identified in Table 4 shall be removed as part of the renovation contractor's scope of work and disposed of according to US EPA Toxic Substances Control Act (TSCA) and the State of Iowa regulations.

6.0 CONCLUSIONS

The following conclusions are summarized as follows:

- The survey was limited to the surfaces / building materials to be disturbed as part of planned repair activities in the Wallace Building Subtunnel.
- No asbestos containing materials were identified.
- No suspect lead containing surface coatings were identified.

7.0 ASSUMPTIONS AND LIMITATIONS

The results, findings, conclusions, and recommendations expressed in this report are based solely on conditions noted during the August 28, 2024, Atlas hazardous building materials survey of the Wallace Subtunnel located at 502 E 9th Street in Des Moines, Iowa. The survey was limited to surfaces to be impacted by planned repair project activities.

Atlas did not perform destructive sampling -- it was not within Atlas's scope of work to remove surface materials to investigate portions of the structure or materials that may lay beneath the surface -- thus, any materials that could not be visually identified on the surface were not inspected and would not be noted in this report. Atlas's selection of sample locations and frequency of sampling was based on the inspector's assumption that like materials in the same area are homogeneous in content.

The report is designed to aid the building owner, architect, construction manager, general contractor, and potential abatement contractor in locating hazardous building materials. Under no circumstances is the report to be utilized as a bidding document or as a project specification document since it does not have all the components required to serve as a Project Design document or an Abatement Work plan.

Our professional services have been performed, our findings obtained, and our conclusions and recommendations prepared in accordance with customary principles and practices in the fields of environmental science and engineering. This statement is in lieu of other statements either expressed or implied. This report does not warrant against future operations or conditions, nor does it warrant against operations or conditions present of a type or at a location not investigated.

This report is intended for the sole use of the IDAS and DCI Group. The scope of services performed in execution of this evaluation may not be appropriate to satisfy the needs of other users and use or re-use of this document or the findings, conclusions, or recommendations is at the risk of said user.

APPENDIX A

ASBESTOS TEST RESULTS

EMSL Analytical, Inc.

200 Route 130 North Cinnaminson, NJ 08077
Tel/Fax: (800) 220-3675 / (856) 786-5974
http://www.EMSL.com / cinnasblab@EMSL.com

EMSL Order:	042418135
Customer ID:	ATC55
Customer PO:	
Project ID:	

Attention:	Eric Brown	**Phone:**	(402) 697-9747
	Atlas Technical	**Fax:**	(402) 597-8532
	11117 Mockingbird Drive	**Received Date:**	08/29/2024 9:20 AM
	Omaha, NE 68137	**Analysis Date:**	08/30/2024
		Collected Date:	08/28/2024
Project:	204BS07611 / Wallace Tunnel / Des Moines		

Test Report: Asbestos Analysis of Bulk Materials via AHERA Method 40CFR 763 Subpart E Appendix E supplemented with EPA 600/R-93/116 using Polarized Light Microscopy

			Non-Asbestos		Asbestos
Sample	**Description**	**Appearance**	**% Fibrous**	**% Non-Fibrous**	**% Type**
WT-1 *042418135-0001*	Ceiling - Expansion Joint - Fiberboard	Brown Fibrous Homogeneous	95% Cellulose	5% Non-fibrous (Other)	None Detected
WT-2 *042418135-0002*	Ceiling "Header" - Brick Mortar Crumbly	Tan Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
WT-3 *042418135-0003*	Lower Beam - I-Beam Laminate Coating	Brown/Tan/Rust Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected

Analyst(s)
Emilie Kalbach (3)

Samantha Rundstrom, Laboratory Manager
or Other Approved Signatory

Initial report from: 08/30/2024 15:12:49

OrderID: 042418135

Asbestos Chain of Custody (Air, Bulk, Soil)

EMSL Analytical, Inc.

EMSL Order Number / Lab Use Only

042418135

RECEIVED EMSL CINNAMINSON NJ

Cinnaminson, NJ 08077
PHONE: 1-800-220-3675
EMAIL: c@emsl.com

If Bill-To is the same as Report-To leave this section blank. Third-party billing requires written authorization.

Customer Information

Customer ID:	
Company Name:	Atlas Technical
Contact Name:	
Street Address:	11117 Mockingbird Drive
City, State, Zip:	Omaha NE 6813 Country: US
Phone:	402-697-9747
Email(s) for Report:	eric.l.brown@oneatlas.com

Billing Information

Billing ID:	
Company Name:	Atlas Technical
Billing Contact:	Steve Hudson
Street Address:	11117 Mockingbird Drive
City, State, Zip:	Omaha NE 68137 Country: US
Phone:	402-697-9747
Email(s) for Invoice:	

2024 AUG 29 A 11:44

Project Information

Project Name/No:	WALLACE TUNNEL 2040507611
Purchase Order:	
EMSL LIMS Project ID: (If applicable, EMSL will provide)	
US State where samples collected:	IA
State of Connecticut (CT) must select project location:	☐ Commercial (Taxable) ☐ Residential (Non-Taxable)
Sampled By Name:	ERIC BROWN
Sampled By Signature:	Eric Brown
No. of Samples in Shipment	3

Turn-Around-Time (TAT)

☐ 3 Hour ☐ 4-4.5 Hour ☐ 6 Hour ☐ 24 Hour ☐ 32 Hour ☒ 48 Hour ☐ 72 Hour ☐ 96 Hour ☐ 1 Week ☐ 2 Week

TEM Air 3-6 Hour, please call ahead to schedule. 32 Hour TAT available for select tests only; samples must be submitted by 11:30 am.

Test Selection

PCM Air
- ☐ NIOSH 7400
- ☐ NIOSH 7400 w/ 8hr. TWA

PLM - Bulk (reporting limit)
- ☑ PLM EPA 600/R-93/116 (<1%)
- ☐ PLM EPA NOB (<1%)
- ☐ POINT COUNT
  - ☐ 400 (<0.25%) ☐ 1,000 (<0.1%)
- POINT COUNT w/ GRAVIMETRIC
  - ☐ 400 (<0.25%) ☐ 1,000 (<0.1%)
- ☐ NIOSH 9002 (<1%)
- ☐ NYS 198.1 (Friable - NY)
- ☐ NYS 198.6 NOB (Non-Friable - NY)
- ☐ NYS 198.8 (Vermiculite SM-V)

TEM - Air
- ☐ AHERA 40 CFR, Part 763
- ☐ NIOSH 7402
- ☐ EPA Level II
- ☐ ISO 10312*

TEM - Bulk
- ☐ TEM EPA NOB
- ☐ NYS NOB 198.4 (Non-Friable-NY)
- ☐ TEM EPA 600/R-93/116 w Milling Prep (0.1%)

Other Test (please specify)

TEM - Settled Dust
- ☐ Microvac - ASTM D5755
- ☐ Wipe - ASTM D6480
- ☐ Qualitative via Filtration Prep
- ☐ Qualitative via Drop Mount Prep

Soil - Rock - Vermiculite (reporting limit)*
- ☐ PLM EPA 600/R-93/116 with milling prep (<0.25%)
- ☐ PLM EPA 600/R-93/116 with milling prep (<0.1%)
- ☐ TEM EPA 600/R-93/116 with milling prep (<0.1%)
- ☐ TEM Qualitative via Filtration Prep
- ☐ TEM Qualitative via Drop Mount Prep

*Please call with your project-specific requirements.

☐ Positive Stop - Clearly Identified Homogeneous Areas (HA) | Filter Pore Size (Air Samples) ☐ 0.8um ☐ 0.45um

Sample Number	Sample Location / Description	Volume, Area or Homogeneous Area	Date / Time Sampled (Air Monitoring Only)
	See the other sheets		

Special Instructions and/or Regulatory Requirements (Sample Specifications, Processing Methods, Limits of Detection, etc.)

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Method of Shipment:		Sample Condition Upon Receipt:	
Relinquished by: Eric Brown	Date/Time: 8/28/24 16:00	Received by: EMSL FX	Date/Time: 8/29/24 9:20
Relinquished by:	Date/Time:	Received by:	Date/Time

Controlled Document - COC-05 Asbestos R15 4/23/2021

☐ AGREE TO ELECTRONIC SIGNATURE (By checking, I consent to signing this Chain of Custody document by electronic signature.)

EMSL Analytical, Inc.'s Laboratory Terms and Conditions are incorporated into this Chain of Custody by reference in their entirety. Submission of samples to EMSL Analytical, Inc. constitutes acceptance and acknowledgment of all terms and conditions by Customer.

OrderID: 042418135

042418135

ASBESTOS BULK SAMPLE FORM

ATLAS
11117 Mockingbird Drive
Omaha, NE 68137
Phone (402) 697-9747
Fax (402) 597-8532

Project Information

Client:	Project Description: WALLACE TUNNEL	Project Manager: SH Inspector: EB
Date: 8/29/24	Site Location: DES MOINES	ATLAS PROJECT NUMBER: 204B507611

Sample #	Material Description	Floor	Sample Location	Quantity
WT-1	EXPANSION JOINT (FIBERBOARD)		CEILING	
WT-2	BRICK MORTAR CRUMBLY		CEILING "HEADER"	
WT-3	I-BEAM LAMINATE COATING		LOWER BEAM	

APPENDIX B

PHOTO LOG

Photo Log
Wallace Sub Tunnel ■ Des Moines, IA
Date Taken: September 28, 2024 ■ Atlas Project No. 204BS07611

Photo #1 View of the Wallace Building.

Photo #2 View of the Expansion Joint Fiberboard sampled (Non-asbestos).

Photo #3 View of the Brick Mortar “Header” sampled (Non-asbestos).

Photo #4 View of the I-Beam Laminations sampled (Non-asbestos).

APPENDIX C

STAFF ACCREDITATIONS

Midwest Training Institute

"A Higher Standard of Training"

An ATC Company

This is to **certifies that**

Eric Brown

has completed the requisite training for asbestos accreditation under TSCA Title II, 15 U.S.C. 2646 and the State of Nebraska Asbestos Regulations and passed the associated examination with a score of 70% or better.

EPA AHERA/Nebraska Asbestos Inspector Refresher Course

Midwest Training Institute, Inc.
11117 Mockingbird Drive
Omaha, NE 68137
(402) 697-9747
www.atctraining-midwest.com

Course Location:
Des Moines, IA

Todd Brown

Instructor

Course Date: 02/09/2024
Examination Date: 02/09/2024
Expiration Date: 02/09/2025
Certificate # MTITB 110247 IR
Course Length- 4 Hours

ERIC BROWN

DOB: 05-07-1970

Issued: 02-27-2024

This person is licensed to perform asbestos work in the State of Iowa. ID card is intended for official use only and must be present on jobsite.

License Type	Number	Expires
INSPECTOR	24-11418	02-09-2025

IOWA

Asbestos

Larry Johnson, Jr.
Labor Commissioner